

TS

8/15/2023

REVIEWED

By Sarah Collins at 11:03 am, Aug 18, 2023

Worklist: 6469

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-1304	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2023-3359	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2023-3392	4	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2023-2027	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2023-2143	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2146	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2226	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2231	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2232	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2261	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2023-2407	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2023-2416	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

TS

Extraction Date: 08/16/2023

Plate lot#: 230707

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

Blank Blood Lot: Lampire 23A52594

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

Analyst: Tamara Salazar

Plate Retest Date: 01/07/2024

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot: POC021022

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

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

Curves Limited:

Wrong well position specified for QC 250. The well position was corrected, and the correct QC was injected.

Amphetamine: 5-250 -- calibrators 7 and 8 dropped due to accuracy --**Qualitative due to QC accuracy**

Clonazepam: 5-500 -- calibrator 8 dropped due to accuracy

Codeine: 5-250 -- calibrators 7 and 8 dropped due to accuracy

Dihydrocodeine: 5-500 -- calibrator 8 dropped due to accuracy

Duloxetine: 10 - 1000 -- calibrator 1 dropped due to poor peak shape of qualifier ion
Fentanyl: 0.5-50 -- calibrator 8 dropped due to accuracy
Hydroxyzine: 5-500 -- calibrator 8 dropped due to accuracy
Lamotrigine: 5-500 -- calibrator 8 dropped due to accuracy
MDA: 5-500 -- calibrator 8 dropped due to accuracy
Meprobamate: 5-250 -- calibrators 7 and 8 dropped due to accuracy
Metoprolol: 5-500 -- calibrator 8 dropped due to accuracy
Mirtazapine: 5-500 -- calibrator 8 dropped due to accuracy
Norbuprenorphine: 2.5-100 -- calibrators 1 and 2 dropped due to poor peak shape
Norhydrocodone: 5-250 -- calibrators 7 and 8 dropped due to accuracy
Olanzapine: 5-500 -- calibrator 8 dropped due to accuracy
Phentermine: 5-500 -- calibrator 8 dropped due to accuracy
Trazodone: 5-250 -- calibrator 7 and 8 dropped due to accuracy

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	P2023-2226-1	M2023-1304-3								IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	P2023-2231-1	M2023-3359-3								IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	P2023-2232-1	M2023-3392-4								IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	M2023-2368-1	P2023-2027-1							IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2023-1520-1	P2023-2261-1							IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2023-1675-1	P2023-2407-1							IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	P2023-2143-1	P2023-1933-1	P2023-2416-1							IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	P2023-2146-1	Neg Urine								IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

TS

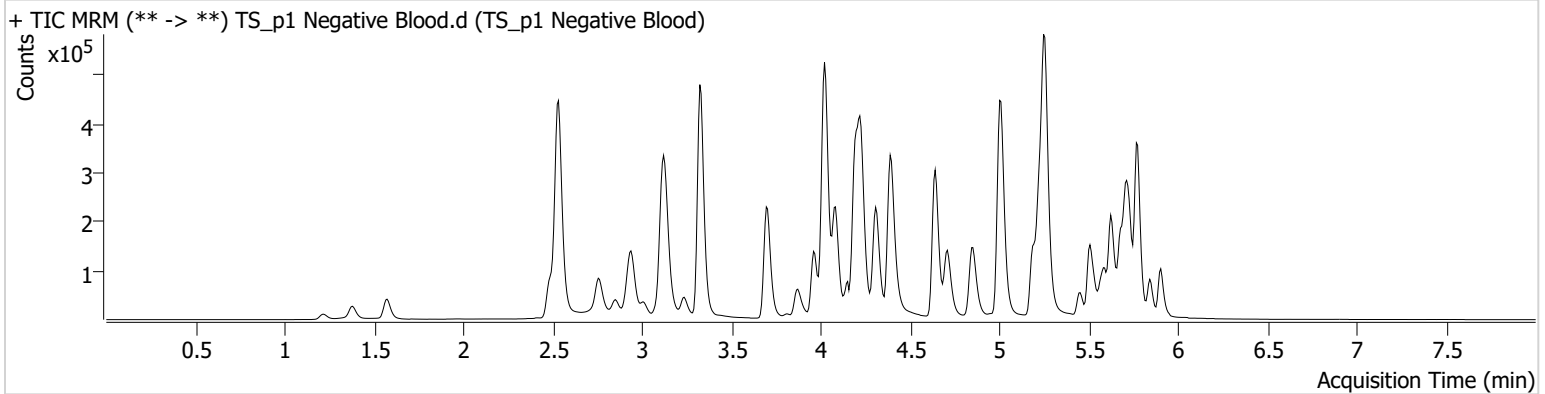


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument	Falco (069901)	Data File	TS_p1 Negative Blood.d
Type	Sample	Sample	TS_p1 Negative Blood
Acq. Method	AM 28 MDQ P1 Updated 081623.m	Operator	Tamara Salazar
Sample Position	P6-F2	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.
Injection Volume	2		
Acq. Date-Time	8/17/2023 2:35:45 AM		
Sample Info.			

Sample Chromatogram



TS



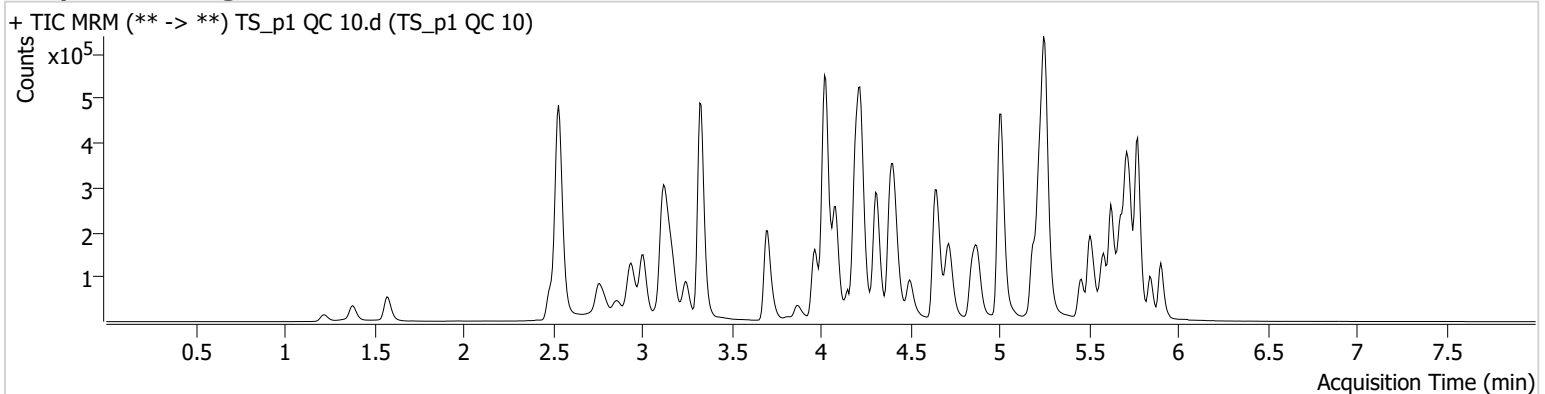
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 QC 10.d
Type QC **Sample** TS_p1 QC 10
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-A2 **Comment**
Injection Volume 2
Acq. Date-Time 8/17/2023 1:21:17 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	3.092	1796	26.76	67.6	898.41	39356	1.0423 ng/ml
7-aminoclonazepam	4.170	20451	204.89	87.0	94.28	89318	10.1734 ng/ml
a-hydroxyalprazolam	5.662	14189	185.56	77.6	429.22	57893	10.0341 ng/ml
alpha-PHP	4.881	32322	303.79	275.9	580.10	531525	10.2130 ng/ml
alpha-PVP	4.316	140063	450.80	42.9	896.50	531525	9.8924 ng/ml
Alprazolam	5.733	52444	84.36	125.2	929.30	215189	9.8394 ng/ml
Amphetamine	3.009	229307	1003.35	46.2	755.69	199542	9.8073 ng/ml
Benzoylcegonine	3.844	3807	92.49	7.7	389.26	13285	9.2066 ng/ml
Buprenorphine	5.544	1953	1446.77	17.6	314.47	61036	1.1284 ng/ml
Bupropion	4.724	107867	372.66	70.7	275.26	308638	10.0017 ng/ml
Carisoprodol	5.687	51417	265.04	51.3	206.46	226703	10.1900 ng/ml
Citalopram	5.192	75008	2637.70	35.2	142.82	336153	10.1936 ng/ml
Clonazepam	5.575	81889	53598.83	33.9	640.90	92261	10.4824 ng/ml
Clonazolam	5.518	37506	1414.60	26.1	11600.25	92261	10.7063 ng/ml
Cocaine	4.224	90172	493.38	54.2	1187.91	717758	10.3165 ng/ml
Codeine	2.525	9790	326.30	118.3	62.25	52274	10.2975 ng/ml
Cyclobenzaprine	5.591	30367	87275.66	10.9	32333.87	134845	9.9696 ng/ml
Dextromethorphan	5.236	43242	502.34	82.2	1440.63	182691	10.4948 ng/ml
Dextrorphan	4.084	32094	754.54	224.0	3327.83	450151	9.9137 ng/ml
Diazepam	5.911	40410	1293.36	92.0	1301.68	185413	10.4459 ng/ml
Dihydrocodeine	2.518	28669	109.61	55.5	214.35	150823	10.7976 ng/ml
Diphenhydramine	5.257	196395	3761.22	25.6	176.21	1054844	10.1170 ng/ml
Doxylamine	4.416	197421	541.63	102.3	1177.56	869079	9.8818 ng/ml
Duloxetine	5.624	2754	170.26	9.3	∞	12643	11.7835 ng/ml
EDDP	5.228	88394	139.12	45.2	908.61	514962	10.3496 ng/ml
Etizolam	5.778	28117	68508.43	26.7	7414.14	92261	9.5017 ng/ml
Fentanyl	5.028	3462	74.34	88.9	1509.67	223061	1.0425 ng/ml
Fluorofentanyl	5.074	11394	1864.32	37.5	1231.85	2304	0.9161 ng/ml
Fluoxetine	5.678	27319	28116.06	8.3	68.49	86506	10.8130 ng/ml
Hydrocodone	2.971	40098	272.38	28.8	139.84	225408	10.3320 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	37008	22.44	73.0	1848.50	110480	10.1066 ng/ml
Hydroxyzine	5.654	37759	270.96	70.1	944.13	182691	10.2384 ng/ml
Ketamine	3.982	86219	956.73	38.8	195.93	301450	10.5985 ng/ml
Lamotrigine	4.213	5682	32.77	85.7	5418.25	1135336	8.9640 ng/ml
Lorazepam	5.711	72339	1011.36	48.3	253.49	411535	10.9996 ng/ml
MDA	3.157	134172	2093.28	26.5	220.54	297007	10.5601 ng/ml
MDMA	3.251	83063	851.47	75.6	655.54	82127	10.0656 ng/ml
Meprobamate	4.868	18773	13759.24	32.7	66.65	85428	10.3821 ng/ml
Methadone	5.630	111201	36251.57	41.9	2454.11	358598	10.1957 ng/ml
Methamphetamine	3.178	126858	766.17	41.3	186.29	667724	10.5332 ng/ml
Metoprolol	4.293	18937	3423.08	102.7	6864.85	766955	10.6686 ng/ml
Mirtazapine	4.498	140995	1218.57	51.4	744.20	531525	9.4758 ng/ml
Mitragynine	5.156	16347	559.35	32.8	160.65	358598	9.6437 ng/ml
Morphine	1.227	6083	3757.33	30.0	146.50	14093	9.8698 ng/ml
Nordiazepam	5.851	37728	628.65	63.5	935.73	126793	11.1197 ng/ml
Norfentanyl	4.043	20206	442.71	35.4	124.44	783950	0.9896 ng/ml
Norhydrocodone	3.033	4489	122.89	32.2	207.85	54961	8.8251 ng/ml
Noroxycodone	2.876	37143	474.95	48.8	191.65	96558	9.6138 ng/ml
O-desmethyl-tramadol	3.331	187125	7956.22	5.1	3345.23	1086650	9.8975 ng/ml
o-desmethylvenlafaxine	4.029	159833	4637.68	24.6	200.22	221611	10.3069 ng/ml
Olanzapine	3.958	17372	385.57	56.8	447.37	35591	10.1617 ng/ml
Oxazepam	5.713	68551	312.02	80.1	179.94	411535	10.3156 ng/ml
Oxycodone	2.787	73527	1259.01	28.3	530.41	253415	10.4470 ng/ml
Oxymorphone	1.385	26195	310.43	47.6	331.92	75697	9.7018 ng/ml
Phentermine	3.733	33333	252.89	6.4	46.31	551065	10.0581 ng/ml
Promethazine	5.508	68207	2130.83	31.8	134.01	313715	9.7000 ng/ml
Pseudoephedrine	2.542	219375	1072.75	15.3	3226.56	1135336	9.7665 ng/ml
Quetiapine	5.455	85306	543.31	50.8	5587.47	100760	10.2533 ng/ml
Sertraline	5.740	7802	170.79	95.5	65.00	29808	11.4422 ng/ml
Temazepam	5.781	103287	280.94	31.6	193.67	556501	9.9573 ng/ml
Tramadol	4.206	158991	283.26	3.4	88.34	766955	9.8417 ng/ml
Trazodone	4.876	107807	82.11	49.1	476.47	277345	10.5638 ng/ml
Venlafaxine	5.009	147493	8209.31	37.5	176.33	853012	10.1510 ng/ml
Zolpidem	4.660	157380	1764.54	29.3	804.64	689524	10.1307 ng/ml

TS



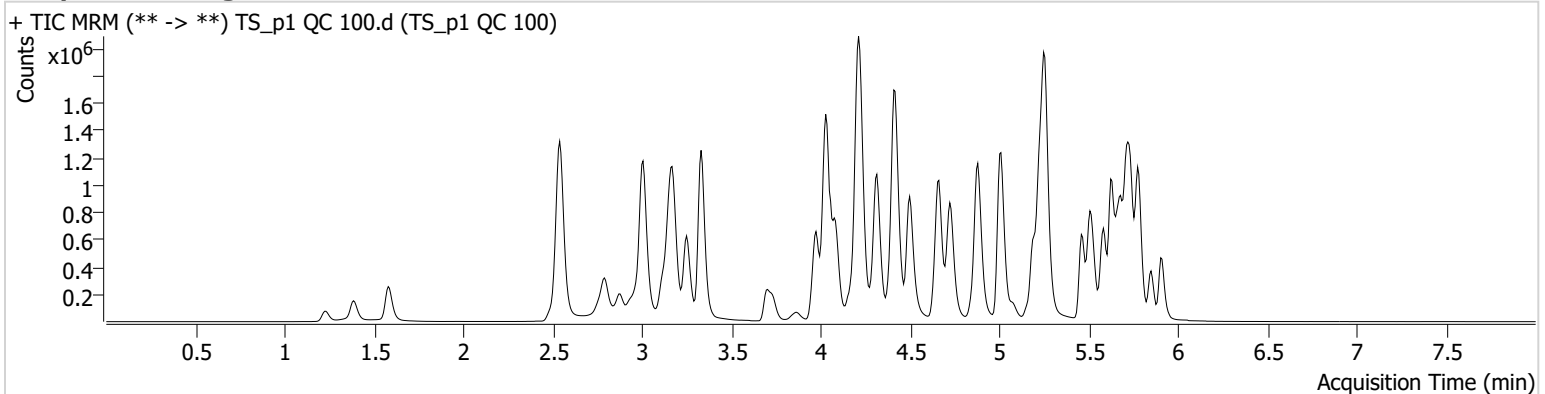
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 QC 100.d
Type QC **Sample** TS_p1 QC 100
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-B2 **Comment**
Injection Volume 2
Acq. Date-Time 8/17/2023 9:19:45 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	3.092	18168	365.84	71.9	20862.28	43500	9.6400 ng/ml
7-aminoclonazepam	4.170	250741	280.10	78.5	452.45	110077	104.4735 ng/ml
a-hydroxyalprazolam	5.662	129904	865.24	81.9	529.97	49818	96.4482 ng/ml
alpha-PHP	4.881	344163	2503.17	267.5	2258.10	544599	103.7452 ng/ml
alpha-PVP	4.316	1443715	53927.09	45.7	1819.62	544599	97.3076 ng/ml
Alprazolam	5.733	564134	10743.09	115.8	1847.59	201250	101.7888 ng/ml
Amphetamine	3.009	2305532	898.49	45.0	4081.66	208197	109.6003 ng/ml
Benzoylcegonine	3.844	42406	832.84	8.1	38355.67	14437	102.1572 ng/ml
Buprenorphine	5.544	20532	20072.65	15.3	3950.51	70602	9.6220 ng/ml
Bupropion	4.724	1203912	1716970.33	70.1	1014.22	340908	99.0237 ng/ml
Carisoprodol	5.687	466749	2983.60	53.1	4134.66	207269	101.8121 ng/ml
Citalopram	5.192	827762	726.35	34.3	276159.69	364638	100.6217 ng/ml
Clonazepam	5.575	767590	9939.66	34.4	2624.81	89999	104.1966 ng/ml
Clonazolam	5.518	379624	461492.44	27.4	190805.12	89999	111.9694 ng/ml
Cocaine	4.224	918602	35745.54	54.2	87677.21	742515	100.0691 ng/ml
Codeine	2.525	96490	427.89	108.5	602.58	53329	103.3854 ng/ml
Cyclobenzaprine	5.591	370947	410795.70	8.8	449.68	161098	95.3333 ng/ml
Dextromethorphan	5.236	474363	8142.94	78.1	837.16	210417	99.8165 ng/ml
Dextrorphan	4.084	327804	5488.57	222.0	2253.27	458215	95.6920 ng/ml
Diazepam	5.911	423092	828.96	89.2	653.25	195389	104.4266 ng/ml
Dihydrocodeine	2.518	285663	539.89	60.2	2663.93	161605	105.2699 ng/ml
Diphenhydramine	5.257	2155445	46952.42	26.6	28333.16	1181810	98.8888 ng/ml
Doxylamine	4.416	2246868	223291.15	97.4	85443.17	926150	100.2267 ng/ml
Duloxetine	5.624	32596	790.41	10.8	113.56	18250	99.0375 ng/ml
EDDP	5.228	950188	588.90	45.7	777242.54	559174	100.6686 ng/ml
Etizolam	5.778	288818	3929.77	27.3	5032.98	89999	101.2154 ng/ml
Fentanyl	5.028	38373	402.79	83.5	206.59	241761	9.9558 ng/ml
Fluorofentanyl	5.074	140845	817.75	36.9	9954.14	2822	9.7950 ng/ml
Fluoxetine	5.678	326801	24935.70	7.5	41241.30	118818	96.1195 ng/ml
Hydrocodone	2.971	390918	∞	28.9	249.89	236019	99.6190 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	388289	25741.21	73.8	5172.80	117434	98.4099 ng/ml
Hydroxyzine	5.661	428151	3488.61	75.1	2366.66	210417	95.2448 ng/ml
Ketamine	3.975	867374	10532.22	38.8	1434.94	326452	102.2514 ng/ml
Lamotrigine	4.220	59400	819.10	88.2	126471.71	1070529	104.2989 ng/ml
Lorazepam	5.711	537140	7566.46	50.4	2100.54	342470	106.6712 ng/ml
MDA	3.157	1261637	3919.48	24.7	1068.78	292215	107.0367 ng/ml
MDMA	3.251	875345	1242512.34	75.7	2274.01	86653	102.0443 ng/ml
Meprobamate	4.868	166570	∞	31.3	203.92	80958	102.5685 ng/ml
Methadone	5.630	1223528	4011.55	43.4	49034.60	403822	96.8116 ng/ml
Methamphetamine	3.178	1297125	6159.63	42.0	1892.45	712817	109.1751 ng/ml
Metoprolol	4.293	192927	330118.90	104.3	50929.95	831425	101.1867 ng/ml
Mirtazapine	4.498	1583520	310110.28	51.3	5644.08	544599	96.2799 ng/ml
Mitragynine	5.156	189723	196039.51	32.1	140911.56	403822	91.4439 ng/ml
Morphine	1.233	64963	897.63	29.0	476.68	14498	104.9701 ng/ml
Norbuprenorphine	4.957	1807	128.95	91.8	1981.44	9136	11.3995 ng/ml
Nordiazepam	5.851	373579	20401.90	66.1	16135.25	129271	106.2325 ng/ml
Norfentanyl	4.043	200048	613.90	35.8	1001.22	751460	9.7403 ng/ml
Norhydrocodone	3.033	40138	161.45	32.1	104.90	40876	95.6580 ng/ml
Noroxycodone	2.876	369354	740.31	50.4	1835.34	96577	108.0593 ng/ml
O-desmethyl-tramadol	3.331	1993949	2269.92	5.5	5844.89	1128213	98.8427 ng/ml
o-desmethylvenlafaxine	4.029	1568242	4012.75	25.5	1467.32	209978	100.0517 ng/ml
Olanzapine	3.952	253630	1194.35	56.7	1177.76	53583	102.9179 ng/ml
Oxazepam	5.713	564670	642.86	79.1	847.60	342470	102.7232 ng/ml
Oxycodone	2.787	755105	2202.34	29.6	889.71	270345	102.4671 ng/ml
Oxymorphone	1.385	276631	816.98	46.3	424.44	81537	99.5255 ng/ml
Phentermine	3.733	354022	667.14	5.7	360.92	595879	102.5005 ng/ml
Promethazine	5.508	873233	1349.51	31.3	2775.80	384098	97.4591 ng/ml
Pseudoephedrine	2.549	2230808	98310.50	15.2	11450.47	1070529	96.2266 ng/ml
Quetiapine	5.455	941009	1469.52	54.6	667.07	114773	104.0303 ng/ml
Sertraline	5.747	102269	565.04	99.5	1725.57	46948	99.0926 ng/ml
Temazepam	5.781	878948	2005.30	29.9	226.01	464896	98.5545 ng/ml
Tramadol	4.206	1740276	∞	3.5	718.66	831425	101.6473 ng/ml
Trazodone	4.876	1094229	1141256.46	53.9	70983.00	327670	97.7061 ng/ml
Venlafaxine	5.002	1608428	3332.49	35.6	4339.73	911177	100.3994 ng/ml
Zolpidem	4.660	1761526	5946.74	29.4	717553.49	763742	101.4544 ng/ml

TS



AM #28 Multi-Drug Quant. Results

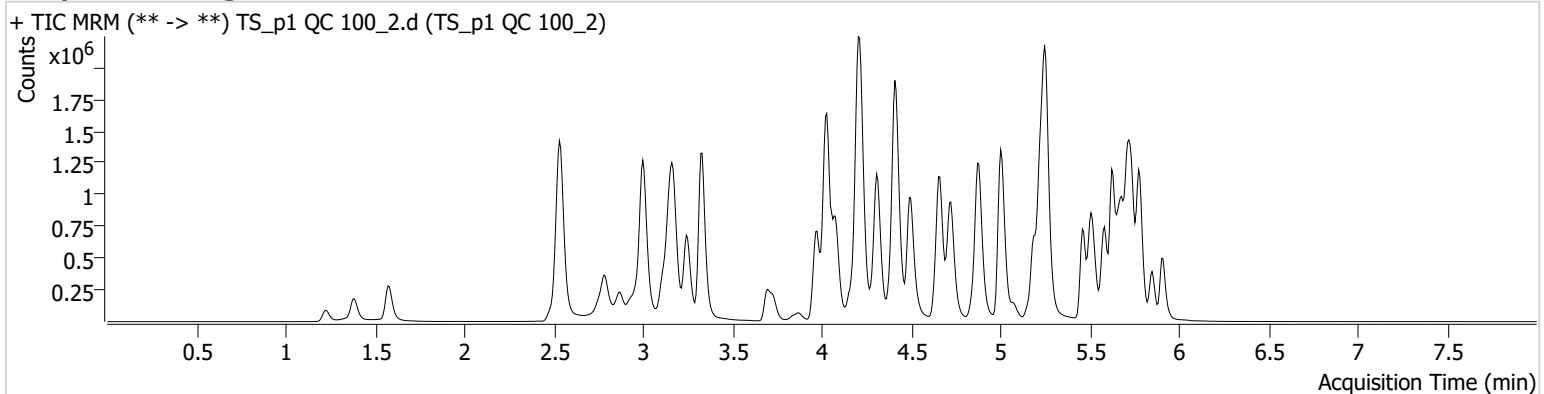
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Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 QC 100_2.d
Type QC **Sample** TS_p1 QC 100_2
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-B2 **Comment**
Injection Volume 2
Acq. Date-Time 8/17/2023 2:10:48 PM
Sample Info.

Used to bracket reinjects.

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	3.092	20307	836.49	71.0	21197.19	47868	9.7919 ng/ml
7-aminoclonazepam	4.163	273311	260.33	83.4	487.31	117564	106.6328 ng/ml
a-hydroxyalprazolam	5.662	141646	327.35	80.6	294.12	55806	93.9090 ng/ml
alpha-PHP	4.881	362715	2655.87	269.6	15808.53	574174	103.7058 ng/ml
alpha-PVP	4.316	1528991	1202.72	45.0	∞	574174	97.7459 ng/ml
Alprazolam	5.733	608865	1738.33	116.3	10312.84	226301	97.7421 ng/ml
Amphetamine	3.002	2435697	791.35	46.0	31951.02	236350	101.8745 ng/ml
Benzoylcegonine	3.837	46796	517.91	7.4	25092.78	15296	106.4335 ng/ml
Buprenorphine	5.551	22994	1001.68	14.6	2226.48	77531	9.8110 ng/ml
Bupropion	4.724	1309174	48560.29	68.1	1180.32	376268	97.5654 ng/ml
Carisoprodol	5.687	529575	863.05	52.5	734.08	240157	99.6958 ng/ml
Citalopram	5.186	890173	788.23	36.1	697.24	396977	99.3974 ng/ml
Clonazepam	5.575	835056	23866.99	34.0	88824.02	100098	101.9098 ng/ml
Clonazolam	5.518	420441	111139.92	28.3	57819.73	100098	111.4968 ng/ml
Cocaine	4.217	980362	68059.22	54.0	458453.10	798254	99.3412 ng/ml
Codeine	2.525	105391	3217.39	108.8	388.64	59898	100.5276 ng/ml
Cyclobenzaprine	5.591	399104	519.80	9.3	35735.19	167666	98.5275 ng/ml
Dextromethorphan	5.229	518476	15351.22	78.1	626.63	230592	99.5539 ng/ml
Dextrorphan	4.084	359095	2095.39	221.8	1378.09	487802	98.4562 ng/ml
Diazepam	5.911	451983	2725.12	89.0	914.88	210000	103.7955 ng/ml
Dihydrocodeine	2.511	313213	1294.25	59.2	4687.60	174970	106.6133 ng/ml
Diphenhydramine	5.257	2356290	92913.94	26.9	23293.68	1276110	100.1146 ng/ml
Doxylamine	4.409	2428965	8834.58	99.6	342718.10	1011791	99.1843 ng/ml
Duloxetine	5.618	27586	4324.38	11.8	1104.26	16241	94.1711 ng/ml
EDDP	5.228	1060926	50725.60	45.6	1065.05	620813	101.2396 ng/ml
Etizolam	5.778	282138	6255.75	26.7	66273.10	100098	88.8843 ng/ml
Fentanyl	5.021	44310	722.03	84.0	55118.24	270974	10.2544 ng/ml
Fluorofentanyl	5.074	148309	490.76	38.3	6328.81	2839	10.2542 ng/ml
Fluoxetine	5.678	303240	2221.95	7.5	15604.68	111315	95.1985 ng/ml
Hydrocodone	2.965	439551	∞	30.7	536.80	257857	102.5381 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	431459	8213.15	70.9	686516.78	127040	101.0788 ng/ml
Hydroxyzine	5.661	477191	12559.78	74.2	5961.05	230592	96.8558 ng/ml
Ketamine	3.975	920868	2677.45	39.4	848.39	347669	101.9313 ng/ml
Lamotrigine	4.213	63706	2570.82	85.5	34681.73	1145404	104.5492 ng/ml
Lorazepam	5.711	576979	18821.05	49.4	1082.90	372314	105.3853 ng/ml
MDA	3.150	1397375	11034.59	25.0	791.65	339807	101.9148 ng/ml
MDMA	3.244	944239	7772.59	75.9	5886.93	95750	99.6143 ng/ml
Meprobamate	4.861	204839	5913.09	30.6	184.68	99385	102.7478 ng/ml
Methadone	5.630	1413743	3767.77	41.9	160476.02	457840	98.6582 ng/ml
Methamphetamine	3.178	1473526	2150.23	41.2	3835.05	762625	115.9820 ng/ml
Metoprolol	4.287	213002	3418.08	101.7	5100.29	864844	107.4058 ng/ml
Mirtazapine	4.498	1710457	5870.48	50.1	5260.13	574174	98.6224 ng/ml
Mitragynine	5.156	211956	374.84	31.4	1149.06	457840	90.1190 ng/ml
Morphine	1.227	74087	2050.70	31.9	424.74	18471	93.9322 ng/ml
Norbuprenorphine	4.957	2164	826.86	97.7	874.14	10779	11.5760 ng/ml
Nordiazepam	5.851	393971	633.08	67.4	1743.25	136464	106.1263 ng/ml
Norfentanyl	4.043	212814	18495.31	34.6	1162.28	800050	9.7326 ng/ml
Norhydrocodone	3.026	48081	147.22	34.0	76.22	48059	97.4470 ng/ml
Noroxycodone	2.869	428312	997.78	49.3	2617.33	118214	102.2993 ng/ml
O-desmethyl-tramadol	3.331	2107423	2940.19	5.5	4437.46	1206031	97.7304 ng/ml
o-desmethylvenlafaxine	4.029	1651661	∞	26.7	1295.81	231802	95.4854 ng/ml
Olanzapine	3.958	260796	3855.02	56.1	1205.45	56949	99.5553 ng/ml
Oxazepam	5.713	633323	502.19	78.8	3338.08	372314	105.9793 ng/ml
Oxycodone	2.781	879181	985.53	28.4	3041.72	314406	102.5849 ng/ml
Oxymorphone	1.385	331183	1568.12	44.4	∞	101231	95.9540 ng/ml
Phentermine	3.733	383261	825.25	5.7	288.01	631571	104.7040 ng/ml
Promethazine	5.508	904852	26503.98	31.3	12014.79	390437	99.3405 ng/ml
Pseudoephedrine	2.542	2381865	2092.66	15.4	126451.45	1145404	96.0281 ng/ml
Quetiapine	5.455	1052332	31884.57	55.2	1108.33	130876	102.0128 ng/ml
Sertraline	5.747	78067	1386.32	100.8	568.54	37165	95.5332 ng/ml
Temazepam	5.781	938213	7560.55	30.6	532.31	487020	100.4149 ng/ml
Tramadol	4.206	1888367	616.51	3.5	398.94	864844	106.0458 ng/ml
Trazodone	4.876	1166521	1578.46	55.7	901535.13	371666	91.7760 ng/ml
Venlafaxine	5.002	1713912	9710.06	35.7	1385.22	980502	99.4230 ng/ml
Zolpidem	4.660	1934214	6160.51	29.7	4323.73	827711	102.7896 ng/ml

TS



AM #28 Multi-Drug Quant. Results

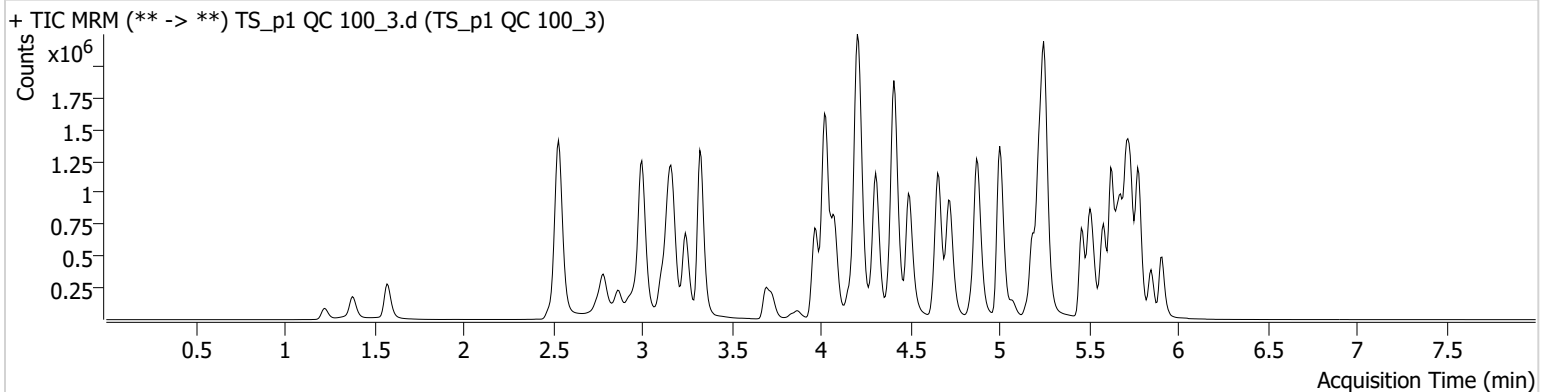
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Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 QC 100_3.d
Type QC **Sample** TS_p1 QC 100_3
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-B2 **Comment**
Injection Volume 2
Acq. Date-Time 8/17/2023 2:53:30 PM
Sample Info.

Used to bracket reinjects.

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	3.085	20186	615.25	73.8	∞	47272	9.8566 ng/ml
7-aminoclonazepam	4.163	267779	771.42	85.3	368.02	117014	104.9597 ng/ml
a-hydroxyalprazolam	5.662	145606	1008.57	78.3	314.35	54435	98.9091 ng/ml
alpha-PHP	4.874	357817	1012.50	276.5	278002.24	573318	102.4610 ng/ml
alpha-PVP	4.309	1519491	288852.03	45.8	18101.73	573318	97.2847 ng/ml
Alprazolam	5.733	602958	813.32	118.3	1273.85	228904	95.7158 ng/ml
Amphetamine	3.002	2425761	38388.76	45.8	5895.13	231766	103.4931 ng/ml
Benzoylcegonine	3.837	46751	1274.27	7.3	9304.89	16000	101.6182 ng/ml
Buprenorphine	5.551	23223	30360.64	15.3	58.72	77163	9.9550 ng/ml
Bupropion	4.724	1305882	1979.43	69.0	48076.63	375063	97.6327 ng/ml
Carisoprodol	5.687	510472	359287.04	53.8	819.08	240231	96.0670 ng/ml
Citalopram	5.186	900620	786.97	36.4	573.04	399358	99.9625 ng/ml
Clonazepam	5.575	846411	21826.09	32.8	2508.18	97670	105.8783 ng/ml
Clonazolam	5.518	406930	504021.01	28.0	87855.59	97670	110.5950 ng/ml
Cocaine	4.217	976513	800.67	54.1	987.05	790739	99.8906 ng/ml
Codeine	2.519	102080	365.23	111.4	267.17	58474	99.7367 ng/ml
Cyclobenzaprine	5.591	413132	1174.61	9.4	1228.99	175904	97.2238 ng/ml
Dextromethorphan	5.229	530916	6371.48	77.6	299.00	233814	100.5376 ng/ml
Dextrorphan	4.077	360282	4173.95	217.4	2575.00	488719	98.5957 ng/ml
Diazepam	5.911	446543	8602.49	89.1	994.94	203976	105.5759 ng/ml
Dihydrocodeine	2.511	311052	659.93	59.1	49275.17	172629	107.3177 ng/ml
Diphenhydramine	5.257	2376880	62679.73	26.6	612.85	1267125	101.7051 ng/ml
Doxylamine	4.409	2412931	153731.88	99.2	1987893.26	1023593	97.4034 ng/ml
Duloxetine	5.624	28306	2793.64	10.7	4878.98	15770	99.5341 ng/ml
EDDP	5.228	1063916	48687.02	45.4	353.86	614961	102.4886 ng/ml
Etizolam	5.778	283274	4887.43	27.0	74555.21	97670	91.4635 ng/ml
Fentanyl	5.021	45452	303.89	82.9	38626.48	276427	10.3108 ng/ml
Fluorofentanyl	5.074	157628	2675.19	37.0	15822.84	3053	10.1342 ng/ml
Fluoxetine	5.678	311252	15709.69	7.6	1361.93	113717	95.6512 ng/ml
Hydrocodone	2.965	432829	371.63	30.5	1099.91	254045	102.4846 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.575	422834	3597.38	71.8	7806.88	120547	104.3880 ng/ml
Hydroxyzine	5.661	488431	8203.35	74.2	897.42	233814	97.7653 ng/ml
Ketamine	3.975	911900	1375.04	39.3	8309.17	342510	102.4613 ng/ml
Lamotrigine	4.213	62695	1187.40	86.5	418.71	1130109	104.2819 ng/ml
Lorazepam	5.711	583859	7025.99	48.6	1156.51	366028	108.5046 ng/ml
MDA	3.150	1363473	563.86	25.2	475.98	330492	102.2474 ng/ml
MDMA	3.244	944508	174392.83	74.9	2130.81	93115	102.4665 ng/ml
Meprobamate	4.861	198398	96894.08	31.3	7582.12	96542	102.4464 ng/ml
Methadone	5.630	1421453	31836.70	41.4	718.43	464855	97.7024 ng/ml
Methamphetamine	3.171	1430107	722.49	41.5	5711.51	763065	112.4705 ng/ml
Metoprolol	4.287	210660	2622.13	102.0	2371.65	863517	106.3871 ng/ml
Mirtazapine	4.491	1731814	8532.07	49.9	2950.81	573318	99.9921 ng/ml
Mitragynine	5.156	215986	222170.86	31.7	56534.31	464855	90.4435 ng/ml
Morphine	1.227	73141	1376.59	31.8	354.72	18179	94.2215 ng/ml
Norbuprenorphine	4.957	2026	2396.19	94.7	974.10	11102	10.4877 ng/ml
Nordiazepam	5.851	388874	3434.31	67.7	6018.31	137602	103.8913 ng/ml
Norfentanyl	4.043	211024	20044.37	35.6	5657.08	784261	9.8444 ng/ml
Norhydrocodone	3.026	47735	181.00	34.5	118.18	47160	98.5762 ng/ml
Noroxycodone	2.869	425514	609.31	48.5	1443.41	117727	102.0483 ng/ml
O-desmethyl-tramadol	3.331	2101013	9424.53	5.4	373.23	1185278	99.1348 ng/ml
o-desmethylvenlafaxine	4.029	1607684	41095.84	27.5	2514.17	231852	92.9422 ng/ml
Olanzapine	3.958	270106	2832.69	55.5	1146.86	60301	97.3667 ng/ml
Oxazepam	5.713	629887	9947.89	78.5	854.14	366028	107.2152 ng/ml
Oxycodone	2.781	856713	5076.07	29.0	707.87	305299	102.9460 ng/ml
Oxymorphone	1.378	324734	∞	44.4	∞	94818	100.4733 ng/ml
Phentermine	3.733	377323	1100.17	5.6	99.86	631602	103.0702 ng/ml
Promethazine	5.508	935020	2241.62	31.3	798.09	414027	96.8143 ng/ml
Pseudoephedrine	2.542	2364298	2312.85	15.4	55810.74	1130109	96.6044 ng/ml
Quetiapine	5.455	1055404	7255.27	53.9	12342.48	130838	102.3419 ng/ml
Sertraline	5.740	77183	1421.32	102.8	620.01	35708	98.3235 ng/ml
Temazepam	5.781	948832	839.26	29.9	539.05	491328	100.6601 ng/ml
Tramadol	4.206	1842383	789.79	3.6	364.95	863517	103.6169 ng/ml
Trazodone	4.876	1196612	948765.95	55.5	341.16	370782	94.3937 ng/ml
Venlafaxine	5.002	1744384	3148.07	35.3	13672.35	972556	102.0082 ng/ml
Zolpidem	4.660	1928941	10664.91	30.2	3275.07	822049	103.2150 ng/ml

TS



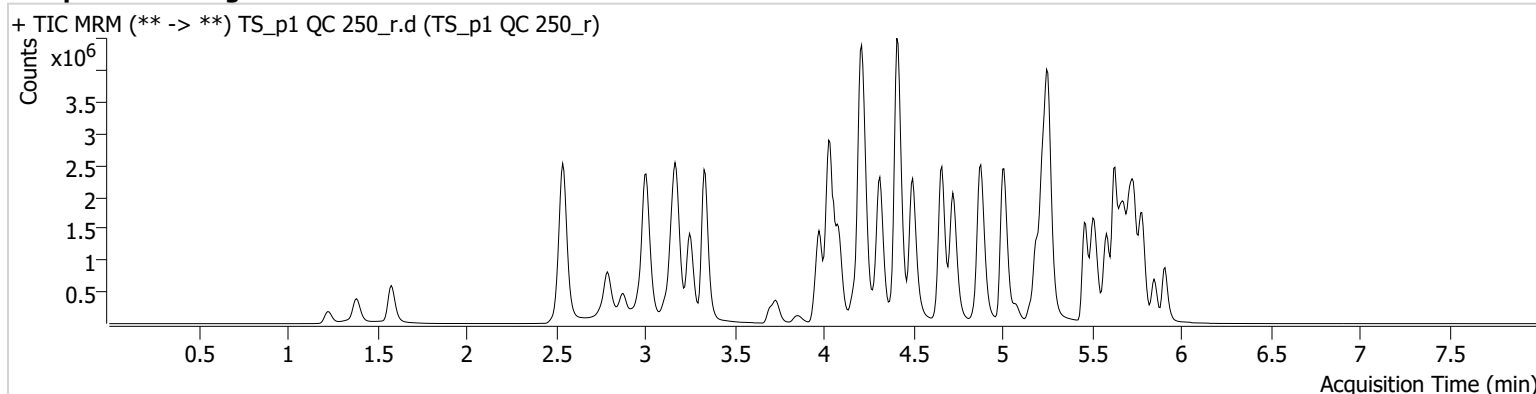
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 QC 250_r.d
Type QC **Sample** TS_p1 QC 250_r
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-C2 **Comment**
Injection Volume 2
Acq. Date-Time 8/17/2023 10:43:51 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	3.092	50294	1728.14	72.1	1907.40	49074	23.6726 ng/ml
7-aminoclonazepam	4.170	619548	4811.13	79.9	∞	106601	267.1237 ng/ml
a-hydroxyalprazolam	5.662	285087	1472.65	78.0	1566.58	43804	239.1244 ng/ml
alpha-PHP	4.881	822961	2343.83	267.8	9848.96	520760	259.0486 ng/ml
alpha-PVP	4.316	3496457	8057795.57	47.4	55946.21	520760	246.0776 ng/ml
Alprazolam	5.739	1345837	∞	112.7	1498.20	190937	254.3093 ng/ml
Amphetamine	3.009	4830366	44295.08	46.7	27188.51	248684	193.5588 ng/ml
Benzoylcegonine	3.844	115511	808.51	7.7	1041.64	15301	263.8701 ng/ml
Buprenorphine	5.544	55031	1955.88	14.2	1532.80	77736	23.3106 ng/ml
Bupropion	4.724	3109987	4925.41	68.0	81369.83	367377	237.0581 ng/ml
Carisoprodol	5.687	1142239	6500.30	53.5	1400.09	209571	246.5220 ng/ml
Citalopram	5.192	2048000	1372.81	36.8	1226.67	356584	254.0606 ng/ml
Clonazepam	5.575	1712394	70130.42	34.0	20049.48	85268	245.8932 ng/ml
Clonazolam	5.518	858674	124921.15	30.3	327277.84	85268	267.4474 ng/ml
Cocaine	4.224	2098630	155984.17	54.5	1053.68	695259	243.9081 ng/ml
Codeine	2.525	205422	891.44	106.9	866.80	56029	209.9584 ng/ml
Cyclobenzaprine	5.591	961427	861.77	8.3	1042.31	156778	252.7035 ng/ml
Dextromethorphan	5.229	1119551	1046882.57	77.0	1321.33	196479	252.2659 ng/ml
Dextrorphan	4.084	844947	1106.73	220.3	11992.55	432086	260.8454 ng/ml
Diazepam	5.911	928904	1679.73	90.0	438.60	168591	265.8250 ng/ml
Dihydrocodeine	2.511	703842	1532.18	59.5	2135.15	170386	246.7900 ng/ml
Diphenhydramine	5.257	5375053	213533.07	28.0	19632.79	1124812	259.0560 ng/ml
Doxylamine	4.409	6224386	348133.61	98.1	122060.44	991089	258.5892 ng/ml
Duloxetine	5.624	58900	588.75	11.4	5083.44	13327	245.5551 ng/ml
EDDP	5.228	2624029	39512.36	44.6	7192.11	581710	266.9028 ng/ml
Etizolam	5.778	536193	2002.14	27.1	108889.71	85268	198.4506 ng/ml
Fentanyl	5.028	101716	4787.48	83.0	137161.04	222426	28.5406 ng/ml
Fluorofentanyl	5.074	341044	31051.71	36.2	9293.15	2581	26.0288 ng/ml
Fluoxetine	5.678	580714	650890.44	8.0	∞	89500	227.0941 ng/ml
Hydrocodone	2.971	1032924	7347.09	30.5	∞	248880	250.2407 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	1049055	7822.34	72.4	759652.05	125412	248.7319 ng/ml
Hydroxyzine	5.661	1126683	1657.02	79.3	1283153.52	196479	267.2769 ng/ml
Ketamine	3.975	2085904	1851.68	38.5	2088.81	330500	243.5174 ng/ml
Lamotrigine	4.220	125247	2538.99	87.3	2513.65	948738	248.8222 ng/ml
Lorazepam	5.711	820823	1872.05	48.3	1175.27	247513	226.7440 ng/ml
MDA	3.157	2580474	11186.30	25.4	9313.88	308492	208.0443 ng/ml
MDMA	3.251	2032717	6166.67	81.2	8665.99	89405	229.8830 ng/ml
Meprobamate	4.861	461390	16976.85	29.0	315.54	104222	221.4301 ng/ml
Methadone	5.630	3388283	11292.44	41.4	34434.32	446755	241.8526 ng/ml
Methamphetamine	3.178	3478026	1803.13	40.6	1013.77	749335	279.9666 ng/ml
Metoprolol	4.287	461287	5685.61	101.0	878564.36	824837	244.0247 ng/ml
Mirtazapine	4.498	4140968	137102.20	46.7	12121.61	520760	261.9797 ng/ml
Mitragynine	5.156	532454	6339.25	31.4	185448.74	446755	230.6601 ng/ml
Morphine	1.227	185551	1403.10	33.8	321.12	19797	219.8545 ng/ml
Norbuprenorphine	4.957	5117	6150.46	91.1	232.67	11076	27.1368 ng/ml
Nordiazepam	5.851	822842	15401.60	64.8	937.83	113700	265.7249 ng/ml
Norfentanyl	4.050	424617	62579.75	36.7	2031.56	632518	24.4838 ng/ml
Norhydrocodone	3.033	116504	250.34	36.4	106.50	39457	285.7480 ng/ml
Noroxycodone	2.876	969725	1237.44	48.5	14966.82	113627	242.8540 ng/ml
O-desmethyl-tramadol	3.338	4923531	333994.59	5.5	6681.58	1112526	247.0628 ng/ml
o-desmethylvenlafaxine	4.029	3694957	87909.75	26.2	4466.81	194771	253.0385 ng/ml
Olanzapine	3.952	754593	8887.19	57.8	1232.91	70897	232.0496 ng/ml
Oxazepam	5.713	1061271	8665.75	77.2	2455.31	247513	267.2412 ng/ml
Oxycodone	2.787	2129763	2799.97	29.0	2632.96	313759	249.3324 ng/ml
Oxymorphone	1.385	859654	∞	43.8	2765.73	104223	242.6805 ng/ml
Phentermine	3.740	855141	2083.91	5.5	318.51	608351	243.0887 ng/ml
Promethazine	5.508	2054297	30347.18	31.7	1676.03	357728	245.5352 ng/ml
Pseudoephedrine	2.549	5231522	149974.20	15.5	45132.59	948738	253.1011 ng/ml
Quetiapine	5.455	2430247	13402.14	58.4	∞	128357	240.9486 ng/ml
Sertraline	5.747	145888	805.84	95.8	172464.21	26546	250.8015 ng/ml
Temazepam	5.781	1667606	1676.18	28.3	280.90	341512	254.0449 ng/ml
Tramadol	4.206	4215563	∞	3.6	126.94	824837	248.5531 ng/ml
Trazodone	4.876	2292504	1610793.75	60.7	1035936.98	335422	200.9302 ng/ml
Venlafaxine	5.002	4115257	166509.99	34.2	2479.74	902554	258.7761 ng/ml
Zolpidem	4.660	4791868	23001.29	28.1	7255.37	782167	269.3180 ng/ml

TS



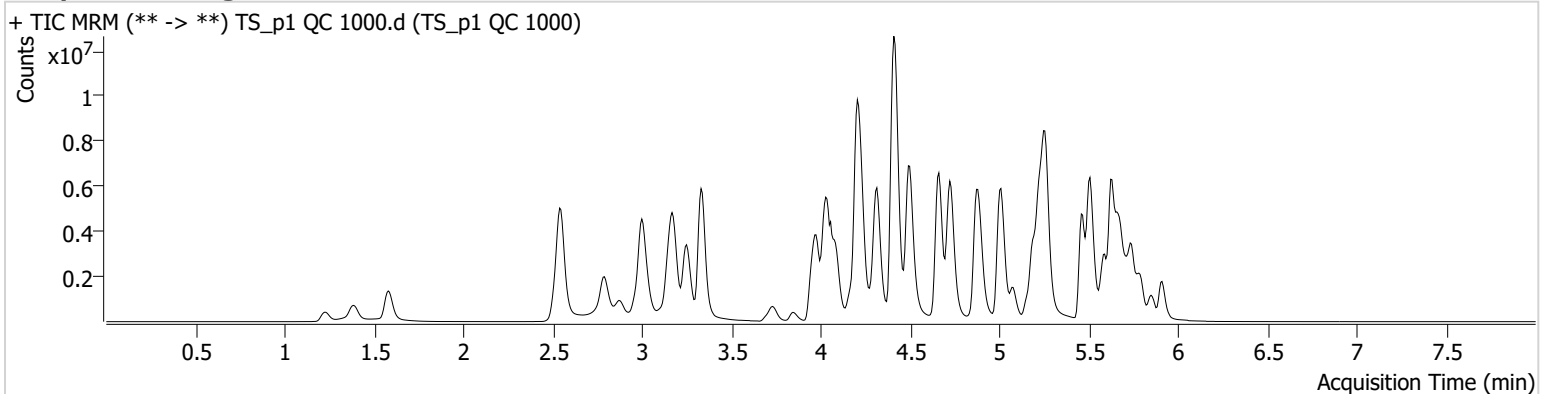
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 QC 1000.d
Type QC **Sample** TS_p1 QC 1000
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-D2 **Comment**
Injection Volume 2
Acq. Date-Time 8/17/2023 2:03:49 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	3.092	168180	536.28	70.2	4829.02	36937	105.2135 ng/ml
7-aminoclonazepam	4.170	1726045	273.17	79.4	4249.26	91261	870.1147 ng/ml
a-hydroxyalprazolam	5.662	379975	927.61	75.5	∞	12632	1101.3310 ng/ml
alpha-PHP	4.881	2323333	6355.25	270.7	195045.36	364984	1042.6922 ng/ml
alpha-PVP	4.316	10354858	617702.79	46.9	247643.72	364984	1039.0176 ng/ml
Alprazolam	5.739	2794000	∞	106.4	967.00	90474	1110.5292 ng/ml
Amphetamine	3.002	10053603	226091.45	46.0	133654.52	167818	600.6307 ng/ml
Benzoylcegonine	3.844	441191	755.81	7.7	2214.95	15017	1029.3373 ng/ml
Buprenorphine	5.544	215795	4293.83	14.1	50067.86	66331	106.8421 ng/ml
Bupropion	4.724	10418959	3921.50	66.8	1056710.28	287886	1012.7377 ng/ml
Carisoprodol	5.694	1566046	806117.55	51.7	749.76	69515	1019.1718 ng/ml
Citalopram	5.192	5868890	2025.93	36.1	3370.64	242894	1067.7530 ng/ml
Clonazepam	5.575	2519985	42283.10	35.1	∞	39368	784.6329 ng/ml
Clonazolam	5.525	1341621	2199611.31	30.2	269428.17	39368	905.2840 ng/ml
Cocaine	4.224	5721312	1191.07	54.2	1462.16	452782	1020.4920 ng/ml
Codeine	2.519	411296	538.40	100.6	23675.43	39155	602.3832 ng/ml
Cyclobenzaprine	5.591	3871310	17124.92	7.9	312136.29	139921	1137.6233 ng/ml
Dextromethorphan	5.229	2649229	1140.89	75.7	2631.47	116522	1006.5163 ng/ml
Dextrorphan	4.084	2237490	4203.21	222.1	1722.36	275310	1082.7638 ng/ml
Diazepam	5.911	2235775	1455.96	87.6	627.42	106710	1011.0427 ng/ml
Dihydrocodeine	2.511	1743394	201992.52	60.5	1924.88	143793	725.4752 ng/ml
Diphenhydramine	5.264	13566690	∞	28.2	121105.18	737703	996.9020 ng/ml
Doxylamine	4.409	19872651	407279.92	94.8	470580.14	812510	1005.4687 ng/ml
Duloxetine	5.618	177665	1527.55	11.9	1460.86	10239	965.0607 ng/ml
EDDP	5.228	7839478	1672.81	42.8	849.66	423657	1094.2507 ng/ml
Etizolam	5.778	1395820	2447.36	27.2	4050.84	39368	1119.4825 ng/ml
Fentanyl	5.028	397944	1175.77	75.8	379.99	177743	139.4327 ng/ml
Fluorofentanyl	5.074	1974469	29706.08	35.8	14318.32	3672	106.0994 ng/ml
Fluoxetine	5.678	2436071	4856844.52	7.6	364090.87	83720	1019.3038 ng/ml
Hydrocodone	2.965	2647299	1245.00	32.3	∞	197472	809.2280 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	2905558	22904823.06	73.3	11291540.5 4	87463	987.3669 ng/ml
Hydroxyzine	5.661	3539066	39361.61	81.2	812404.89	116522	1412.9554 ng/ml
Ketamine	3.975	5484878	3806.43	37.0	∞	213783	991.3261 ng/ml
Lamotrigine	4.227	199644	12990.59	88.6	829.00	533415	706.3300 ng/ml
Lorazepam	5.711	810662	71632.18	51.3	4355.70	63702	873.1522 ng/ml
MDA	3.143	4138386	89936.97	22.1	1938.10	158037	652.8088 ng/ml
MDMA	3.251	5731161	425054.03	73.5	54139.79	58765	986.6409 ng/ml
Meprobamate	4.855	505919	4282.76	28.5	16614.54	54604	464.1277 ng/ml
Methadone	5.630	9738532	1154.98	43.1	3442.14	306525	1012.1153 ng/ml
Methamphetamine	3.178	8973072	4717.68	39.3	6125.06	660743	821.0005 ng/ml
Metoprolol	4.287	970508	1579856.54	104.2	1031.29	599081	707.0865 ng/ml
Mirtazapine	4.498	13627879	119696.90	45.5	226578.91	364984	1227.3345 ng/ml
Mitragynine	5.156	1884935	84676.58	32.2	257781.45	306525	1186.5638 ng/ml
Morphine	1.227	473586	∞	29.4	∞	12103	918.7189 ng/ml
Norbuprenorphine	4.957	18464	6462.61	91.3	2918.85	10145	108.0435 ng/ml
Nordiazepam	5.851	1572874	1009.65	67.0	907.51	57925	996.4753 ng/ml
Norfentanyl	4.050	822920	35548.55	37.5	1739.40	285446	104.9751 ng/ml
Norhydrocodone	3.033	328503	438.53	37.2	139.68	23036	1376.4134 ng/ml
Noroxycodone	2.869	2027592	3233.14	50.0	2033.54	55436	1045.3896 ng/ml
O-desmethyl-tramadol	3.331	15147003	2199.46	5.5	903.14	806648	1047.3372 ng/ml
o-desmethylvenlafaxine	4.029	7742888	71872.96	25.1	7070.38	93767	1099.0278 ng/ml
Olanzapine	3.945	3715065	4892.99	59.7	2443.69	113880	712.2726 ng/ml
Oxazepam	5.713	939268	55033.64	79.2	12035.43	63702	919.1551 ng/ml
Oxycodone	2.787	6194370	944.16	29.4	4256.49	243975	933.2006 ng/ml
Oxymorphone	1.385	2025220	∞	45.4	∞	61150	975.9490 ng/ml
Phentermine	3.733	2040736	∞	4.6 Low	1962.55	505961	698.2960 ng/ml
Promethazine	5.508	10628792	2177.92	29.8	1882.98	416910	1088.6034 ng/ml
Pseudoephedrine	2.549	13211866	394272.16	14.2	2252.25	533415	1133.6230 ng/ml
Quetiapine	5.455	7691327	2446.90	58.9	1954.32	102671	954.9496 ng/ml
Sertraline	5.747	488722	26008.73	98.3	154527.14	21586	1034.8903 ng/ml
Temazepam	5.795	1971193	12020.11	29.1	7355.49	96471	1062.0595 ng/ml
Tramadol	4.206	10976847	265.09	3.5	358.52	599081	891.7418 ng/ml
Trazodone	4.869	6233335	2511.64	65.6 High	115794.93	330562	555.9751 ng/ml
Venlafaxine	5.010	12260684	335347.54	32.7	3851.22	637327	1090.6936 ng/ml
Zolpidem	4.660	14577058	27268.53	27.2	6872.18	668861	957.8044 ng/ml

TS

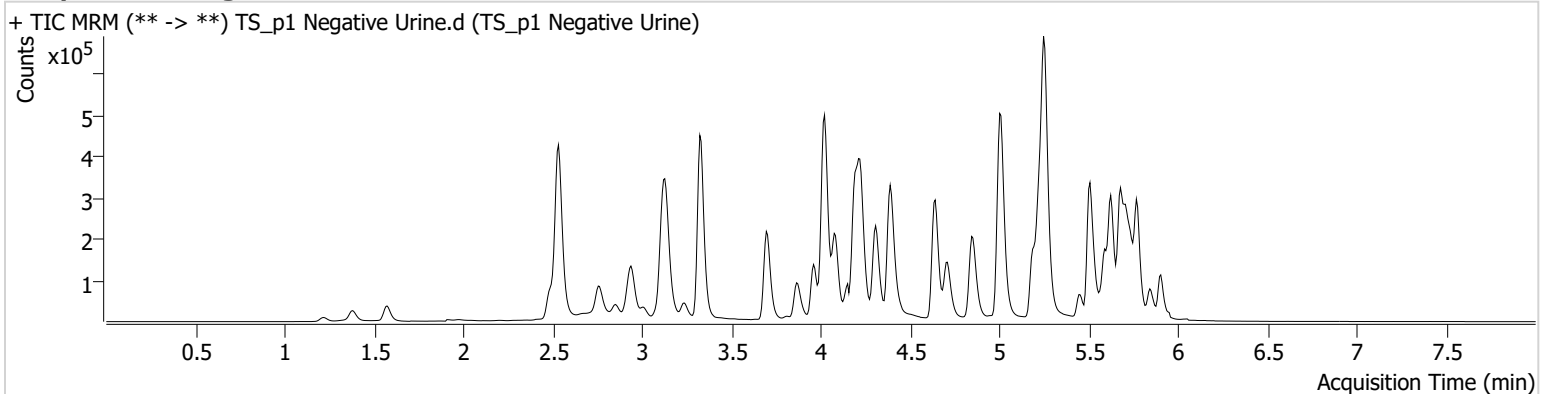


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument	Falco (069901)	Data File	TS_p1 Negative Urine.d
Type	Sample	Sample	TS_p1 Negative Urine
Acq. Method	AM 28 MDQ P1 Updated 081623.m	Operator	Tamara Salazar
Sample Position	P6-H3	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.
Injection Volume	2		
Acq. Date-Time	8/17/2023 6:08:24 AM		
Sample Info.			

Sample Chromatogram



TS



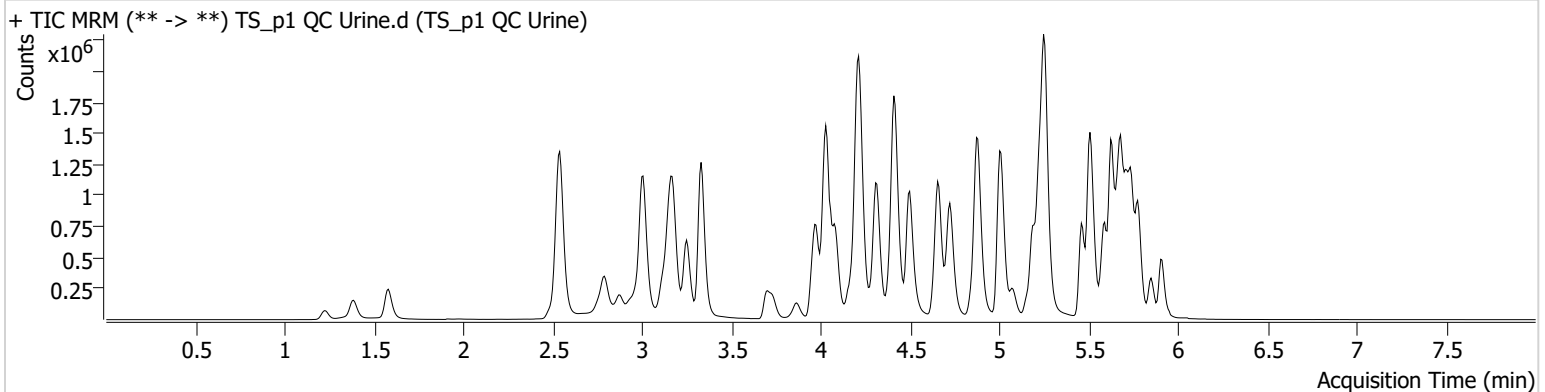
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 QC Urine.d
Type QC **Sample** TS_p1 QC Urine
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-E2 **Comment**
Injection Volume 2
Acq. Date-Time 8/17/2023 6:29:39 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	3.092	18236	1141.97	69.9	1243.53	42580	9.8854 ng/ml
7-aminoclonazepam	4.170	326849	7865.42	80.2	1843.64	133508	112.3111 ng/ml
a-hydroxyalprazolam	5.662	110114	388.08	77.4	359.87	37107	109.6118 ng/ml
alpha-PHP	4.881	351349	2167.14	263.0	7079.19	572122	100.8234 ng/ml
alpha-PVP	4.316	1467851	1600.13	47.0	366.52	572122	94.1828 ng/ml
Alprazolam	5.733	519804	15332.74	112.5	6647.04	179750	104.9739 ng/ml
Amphetamine	3.009	2220905	51902.18	47.1	1160.30	219396	100.0380 ng/ml
Benzoylcegonine	3.844	49479	3798.56	7.0	48.84	16573	103.8483 ng/ml
Buprenorphine	5.544	25784	411.59	15.4	2584.38	94497	9.0327 ng/ml
Bupropion	4.724	1299404	3370.20	69.7	770.08	374540	97.2847 ng/ml
Carisoprodol	5.687	394259	786.53	52.9	1587.02	176910	100.7571 ng/ml
Citalopram	5.186	1006104	1118.04	35.3	237596.69	451365	98.8074 ng/ml
Clonazepam	5.575	534584	11181.53	35.2	994.41	64116	101.8525 ng/ml
Clonazolam	5.518	345460	1915.09	30.3	146087.38	64116	143.0515 ng/ml
Cocaine	4.224	912008	854.59	54.0	1416.26	736612	100.1469 ng/ml
Codeine	2.525	99178	4653.40	105.8	18595.88	55111	102.8282 ng/ml
Cyclobenzaprine	5.591	778887	68802.76	8.5	616.85	322504	99.9563 ng/ml
Dextromethorphan	5.229	636222	8804.18	77.5	3853.33	286742	98.2406 ng/ml
Dextrorphan	4.084	330224	885.35	220.0	1367.55	450358	98.0698 ng/ml
Diazepam	5.911	436724	6000.65	88.5	4699.80	203772	103.3563 ng/ml
Dihydrocodeine	2.518	294494	1206.86	60.2	659.07	166551	105.3019 ng/ml
Diphenhydramine	5.257	2556245	183868.97	27.7	789.93	1442419	96.0887 ng/ml
Doxylamine	4.409	2391979	5222.61	96.1	15955.06	967492	102.1299 ng/ml
Duloxetine	5.624	118042	1108.74	11.7	358.81	64689	101.1896 ng/ml
EDDP	5.228	856100	1417.72	45.5	5309.92	507502	99.9365 ng/ml
Etizolam	5.778	273170	1164.03	26.9	1236.76	64116	134.4168 ng/ml
Fentanyl	5.028	73756	1405.70	77.9	1258.20	435541	10.6169 ng/ml
Fluorofentanyl	5.074	312004	3005.85	35.6	1735.37	6116	10.0125 ng/ml
Fluoxetine	5.678	1142063	1457.62	7.8	49689.46	410470	97.2370 ng/ml
Hydrocodone	2.971	406789	∞	29.7	212.29	236710	103.3762 ng/ml

TS



AM #28 Multi-Drug Quant. Results

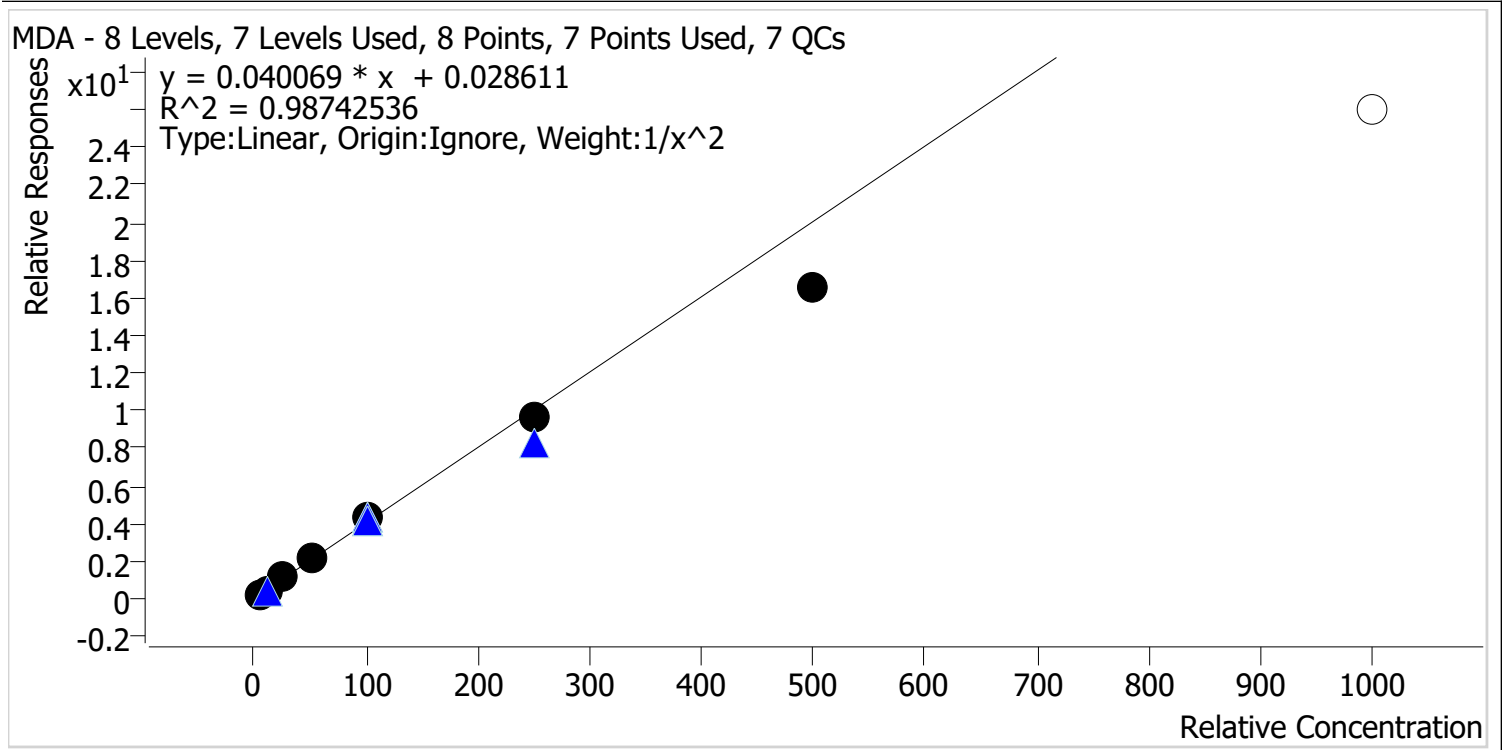
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	383217	9771.90	73.7	42397.71	116770	97.6775 ng/ml
Hydroxyzine	5.661	683004	3801.55	77.9	5767.82	286742	111.3884 ng/ml
Ketamine	3.975	887016	4394.38	38.3	∞	342433	99.6755 ng/ml
Lamotrigine	4.220	61603	820.38	89.8	3416.95	1097083	105.5552 ng/ml
Lorazepam	5.711	403272	1395.03	50.1	492.18	278015	98.5723 ng/ml
MDA	3.157	1239150	3708.94	24.7	998.91	292818	104.8981 ng/ml
MDMA	3.251	884997	5956.12	76.9	3245.45	89214	100.2051 ng/ml
Meprobamate	4.861	151882	5296.83	29.1	376.59	74721	101.3230 ng/ml
Methadone	5.630	1619023	61141.62	44.0	17684.63	531150	97.3936 ng/ml
Methamphetamine	3.178	1319010	2054.90	41.7	7710.09	711649	111.2171 ng/ml
Metoprolol	4.287	195934	3131.93	104.1	913.96	847610	100.8013 ng/ml
Mirtazapine	4.498	1834976	3744.45	49.4	3900.44	572122	106.1230 ng/ml
Mitragynine	5.156	324827	4504.59	31.8	368058.58	531150	118.7728 ng/ml
Morphine	1.227	62498	1319.61	28.4	213.55	14412	101.5784 ng/ml
Norbuprenorphine	4.957	2302	931.49	95.1	1379.26	11574	11.4626 ng/ml
Nordiazepam	5.851	334149	997.30	65.1	10598.88	115862	106.0170 ng/ml
Norfentanyl	4.043	192527	592.77	36.1	357.17	748744	9.4098 ng/ml
Norhydrocodone	3.033	36270	68.19	35.8	73.17	38966	90.7269 ng/ml
Noroxycodone	2.876	367097	1055.61	50.1	307.91	102085	101.5206 ng/ml
O-desmethyl-tramadol	3.331	1994708	1988.22	5.7	498.93	1158050	96.3402 ng/ml
o-desmethylvenlafaxine	4.029	1572001	3614.75	25.7	874.30	213188	98.7901 ng/ml
Olanzapine	3.952	540257	4255.66	58.5	3143.73	123396	95.1578 ng/ml
Oxazepam	5.713	423798	3159.22	79.2	401.94	278015	94.9647 ng/ml
Oxycodone	2.787	822452	3900.25	29.8	2594.88	296997	101.5888 ng/ml
Oxymorphone	1.385	296823	∞	47.1	∞	87959	98.9908 ng/ml
Phentermine	3.733	369053	1280.50	5.1	330.13	586221	108.6380 ng/ml
Promethazine	5.508	1836236	1305.40	32.2	884.51	825701	95.3416 ng/ml
Pseudoephedrine	2.542	2298349	∞	15.1	10631.58	1097083	96.7354 ng/ml
Quetiapine	5.455	1109783	8952.14	58.3	1394.02	138967	101.3146 ng/ml
Sertraline	5.747	351338	2793.97	96.0	4730.67	157643	101.3947 ng/ml
Temazepam	5.781	603826	1665.37	30.4	337.22	331531	94.9530 ng/ml
Tramadol	4.206	1765334	∞	3.6	142.74	847610	101.1408 ng/ml
Trazodone	4.876	1591933	9561.12	59.8	24110.08	511000	91.0881 ng/ml
Venlafaxine	5.002	1654329	1548.60	35.5	1378.32	981278	95.9032 ng/ml
Zolpidem	4.660	1855217	5347.92	29.6	2365.68	829922	98.3332 ng/ml

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datator
Analyte MDA **Internal Standard** MDA-D5



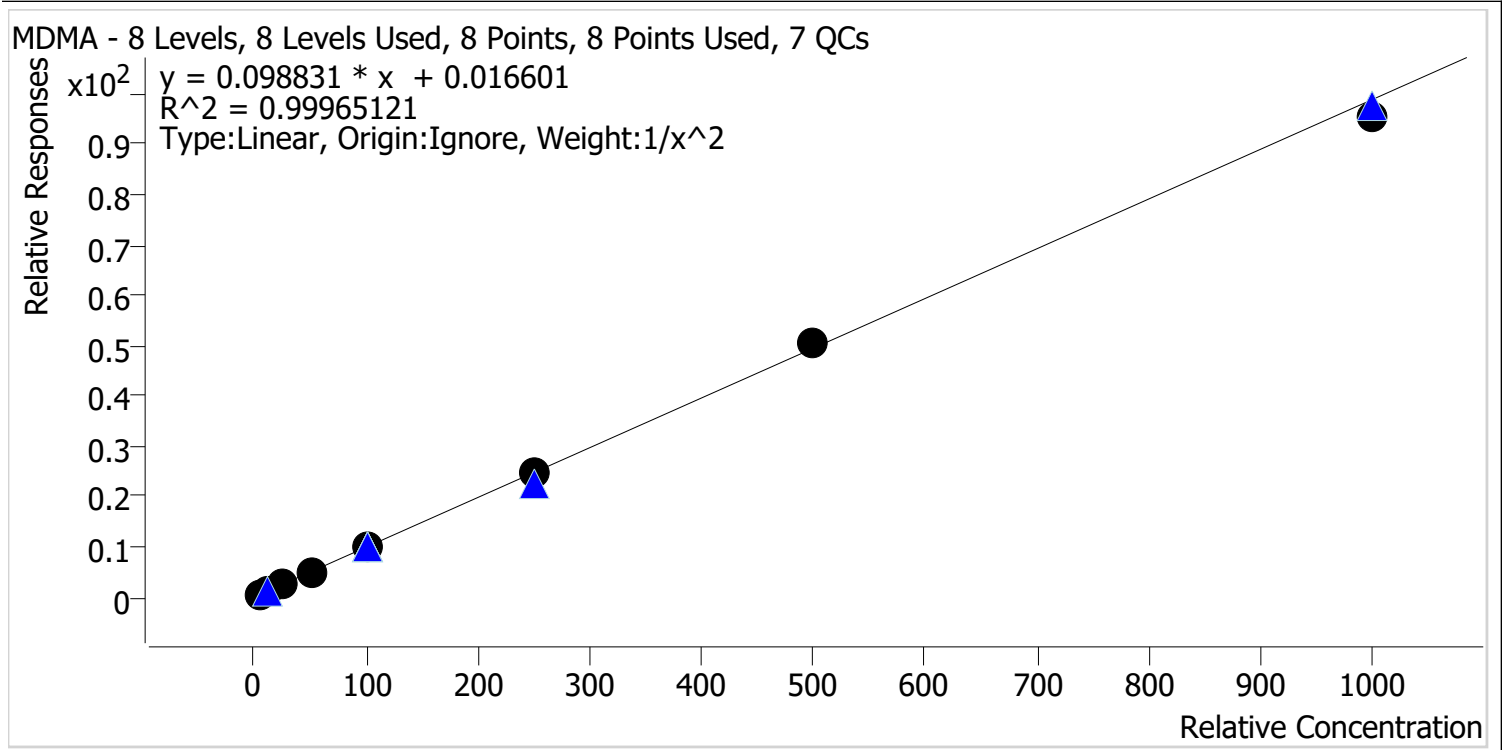
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TS_p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
TS_p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
TS_p1 Cal 4-50ng	4	✓	50.0	54.0	107.9
TS_p1 Cal 5-100ng	5	✓	100.0	109.1	109.1
TS_p1 Cal 6-250ng	6	✓	250.0	238.2	95.3
TS_p1 Cal 7-500ng	7	✓	500.0	411.0	82.2
TS_p1 Cal 8-1000ng	8	x	1000.0	649.1	64.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
TS_p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
TS_p1 Cal 4-50ng	4	✓	50.0	50.2	100.5
TS_p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
TS_p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
TS_p1 Cal 7-500ng	7	✓	500.0	507.9	101.6
TS_p1 Cal 8-1000ng	8	✓	1000.0	965.4	96.5

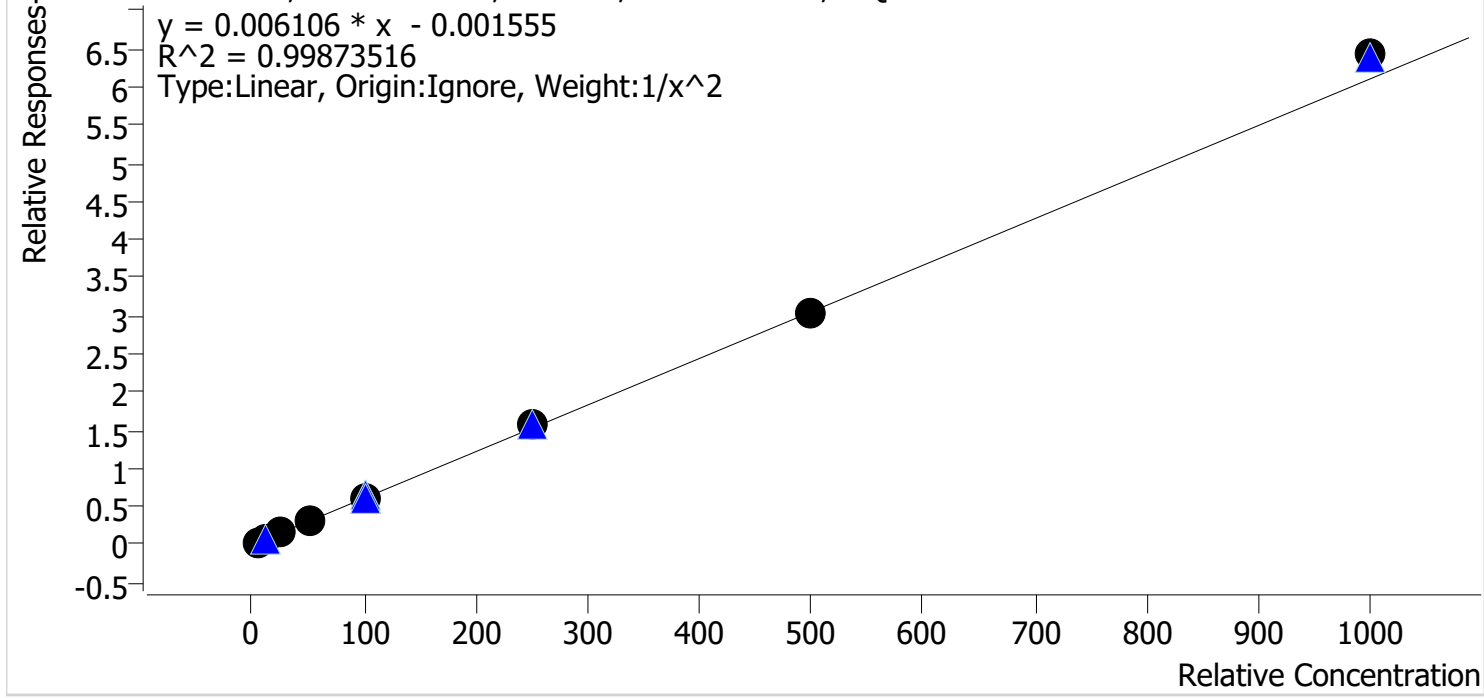
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 7 QCs



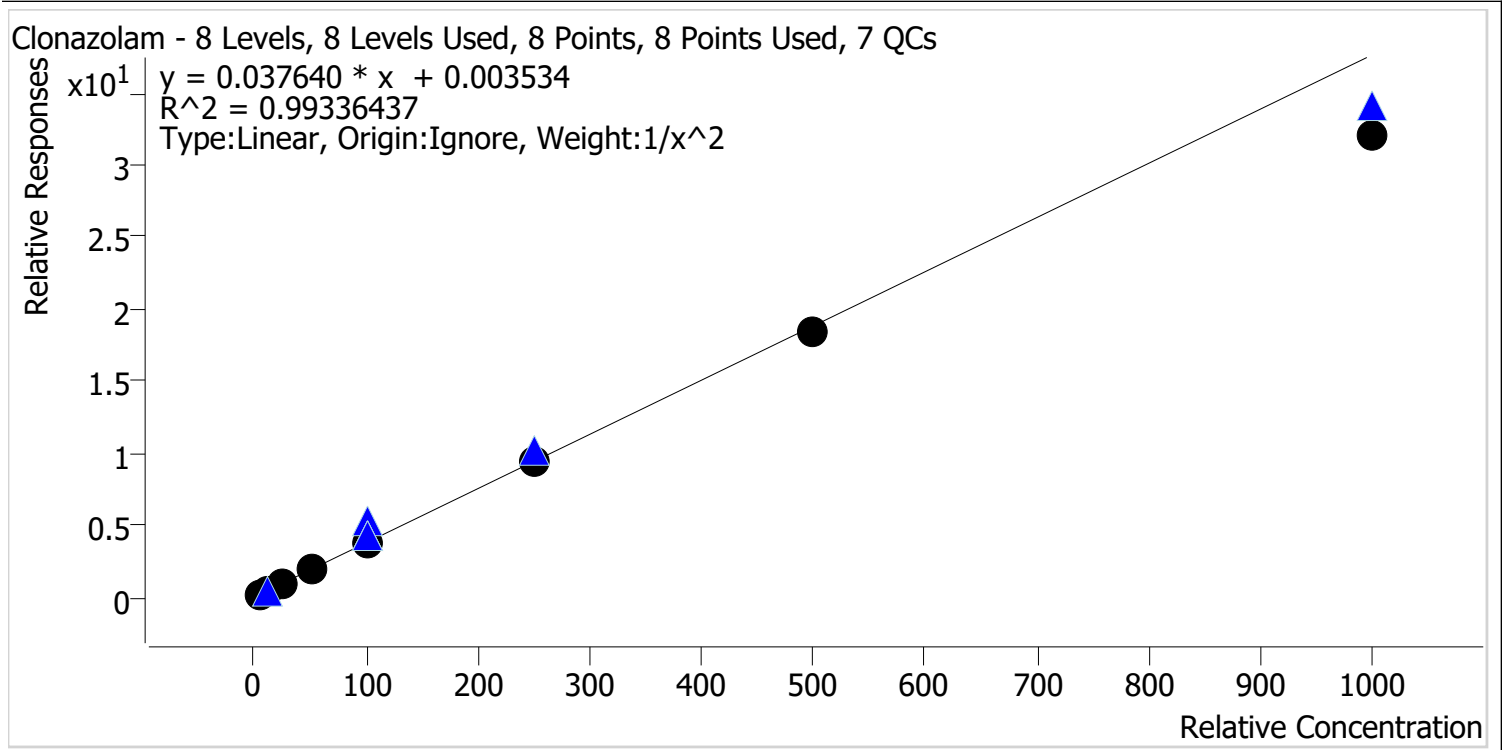
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
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TS_p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
TS_p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
TS_p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
TS_p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
TS_p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
TS_p1 Cal 7-500ng	7	✓	500.0	499.4	99.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	1052.9	105.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



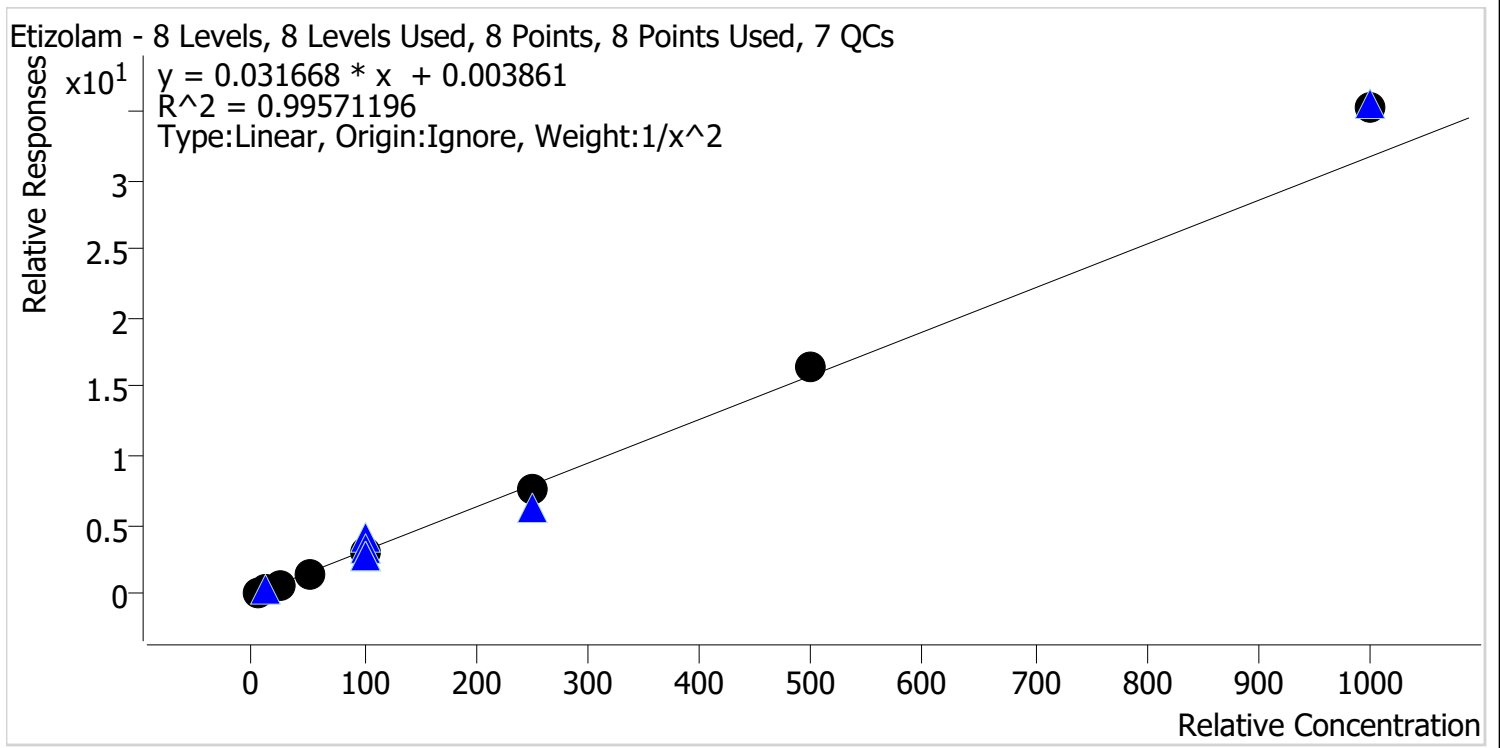
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
TS_p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
TS_p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
TS_p1 Cal 4-50ng	4	✓	50.0	53.9	107.9
TS_p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
TS_p1 Cal 6-250ng	6	✓	250.0	252.1	100.9
TS_p1 Cal 7-500ng	7	✓	500.0	490.8	98.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	852.9	85.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



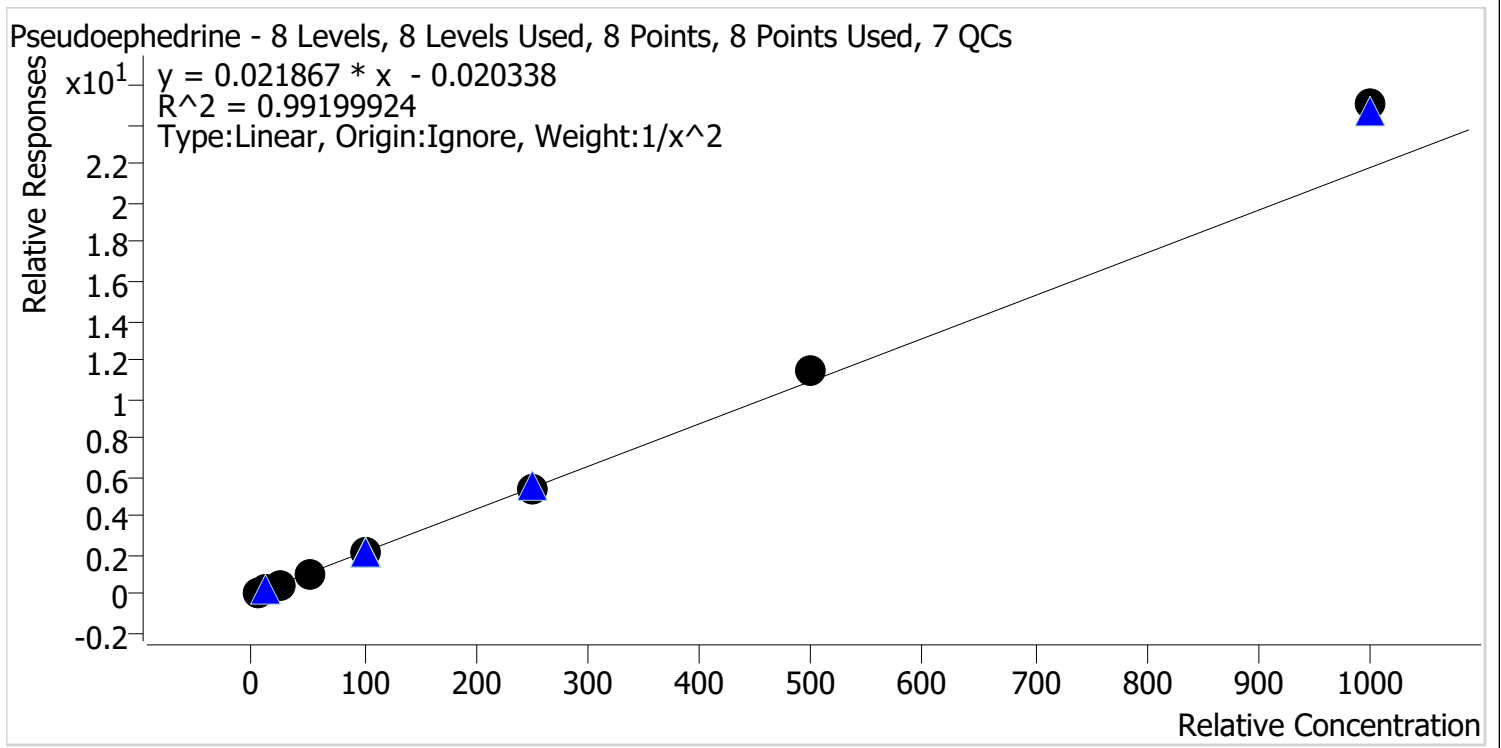
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
TS_p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
TS_p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
TS_p1 Cal 4-50ng	4	✓	50.0	47.5	95.1
TS_p1 Cal 5-100ng	5	✓	100.0	94.2	94.2
TS_p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
TS_p1 Cal 7-500ng	7	✓	500.0	520.6	104.1
TS_p1 Cal 8-1000ng	8	✓	1000.0	1111.8	111.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



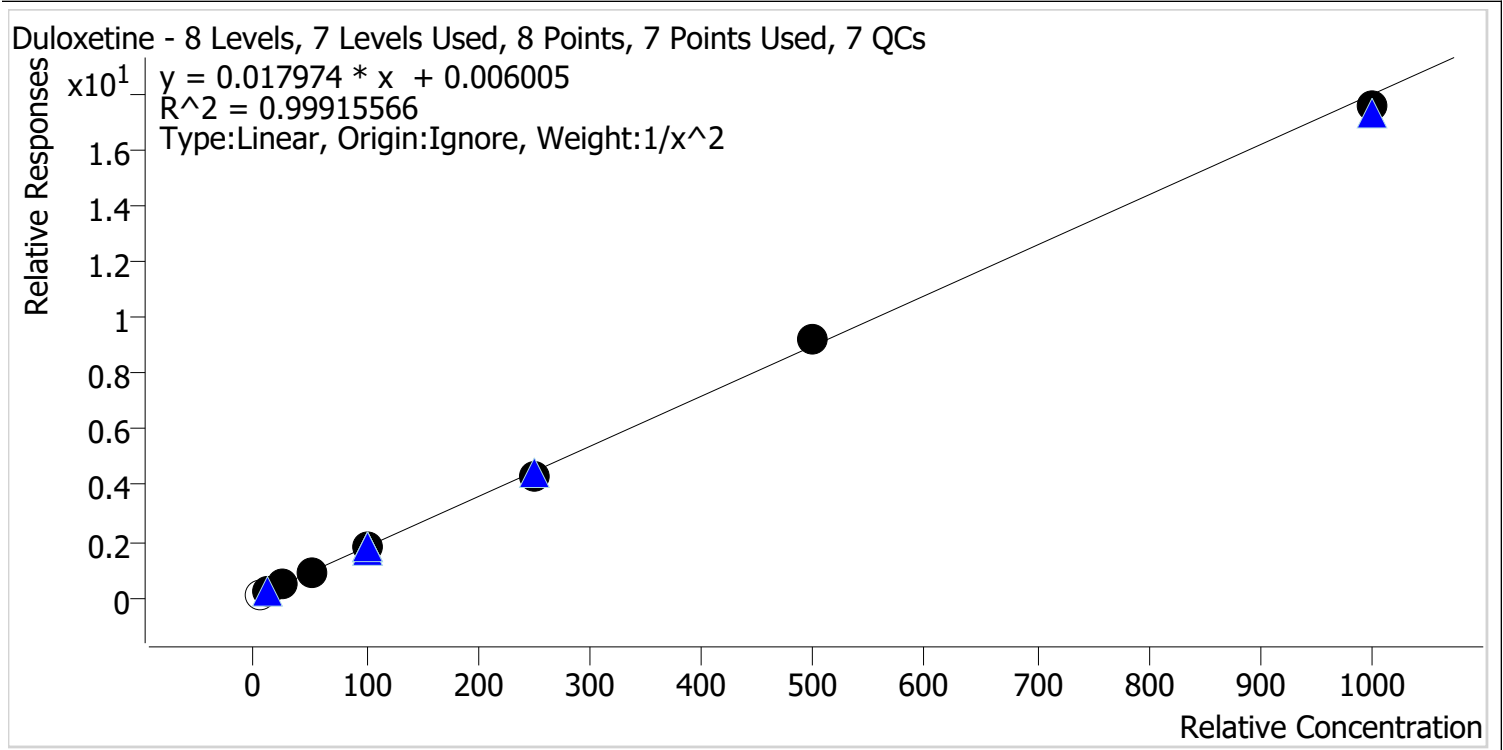
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
TS_p1 Cal 2-10ng	2	✓	10.0	9.5	95.2
TS_p1 Cal 3 -25ng	3	✓	25.0	23.1	92.5
TS_p1 Cal 4-50ng	4	✓	50.0	46.3	92.6
TS_p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
TS_p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
TS_p1 Cal 7-500ng	7	✓	500.0	524.6	104.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	1148.2	114.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



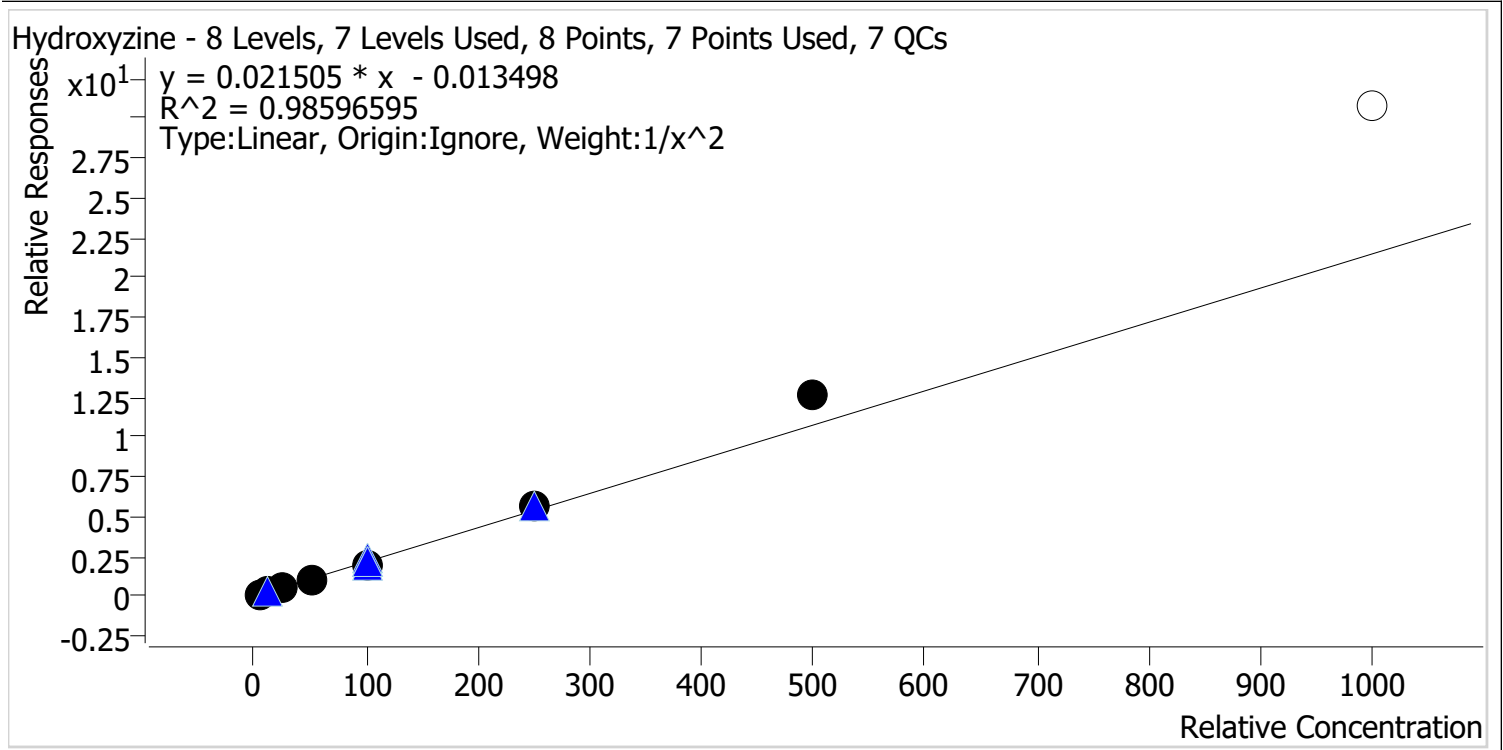
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	x	5.0	5.8	115.6
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
TS_p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
TS_p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
TS_p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
TS_p1 Cal 6-250ng	6	✓	250.0	241.1	96.4
TS_p1 Cal 7-500ng	7	✓	500.0	512.4	102.5
TS_p1 Cal 8-1000ng	8	✓	1000.0	976.4	97.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



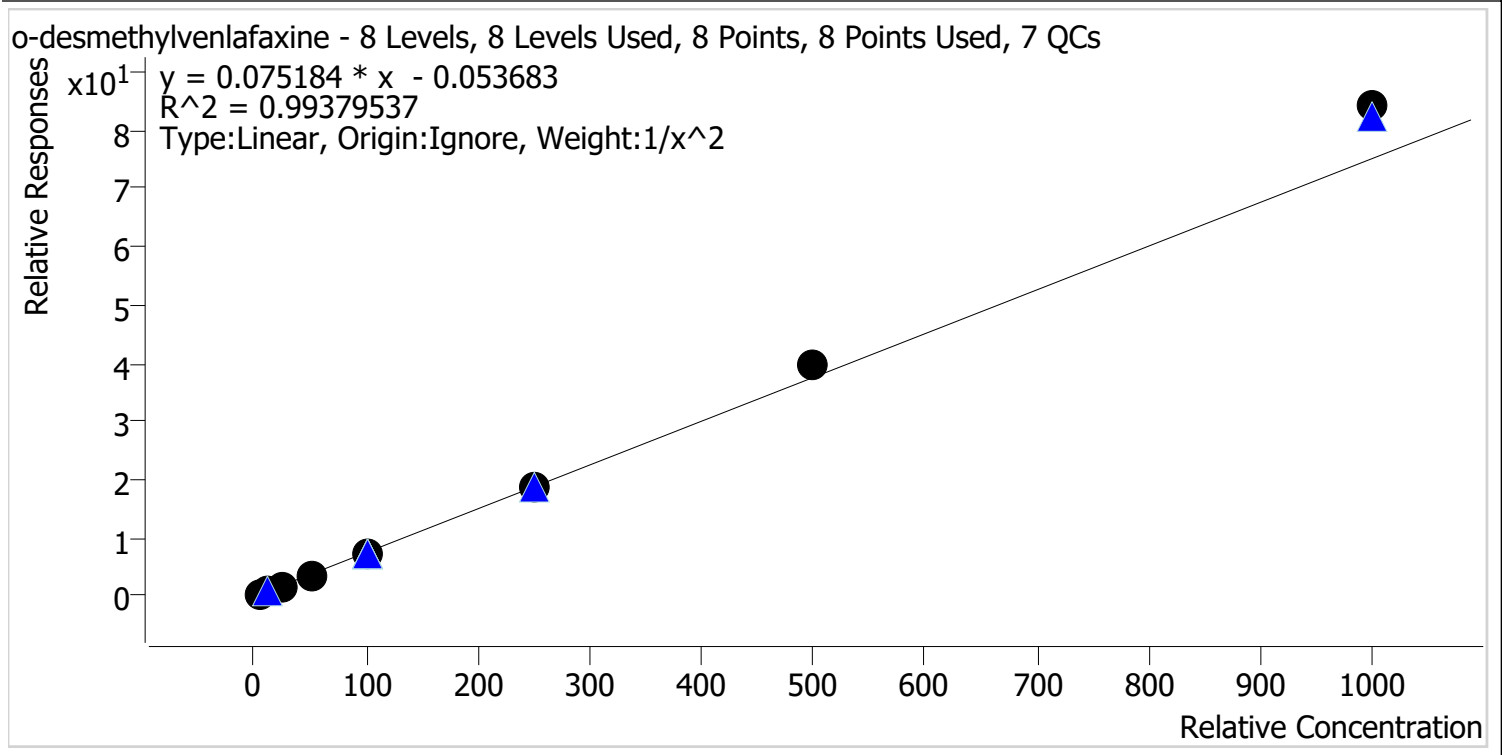
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
TS_p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
TS_p1 Cal 3 -25ng	3	✓	25.0	23.0	92.1
TS_p1 Cal 4-50ng	4	✓	50.0	44.9	89.9
TS_p1 Cal 5-100ng	5	✓	100.0	92.5	92.5
TS_p1 Cal 6-250ng	6	✓	250.0	266.4	106.5
TS_p1 Cal 7-500ng	7	✓	500.0	589.3	117.9
TS_p1 Cal 8-1000ng	8	✗	1000.0	1431.5	143.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



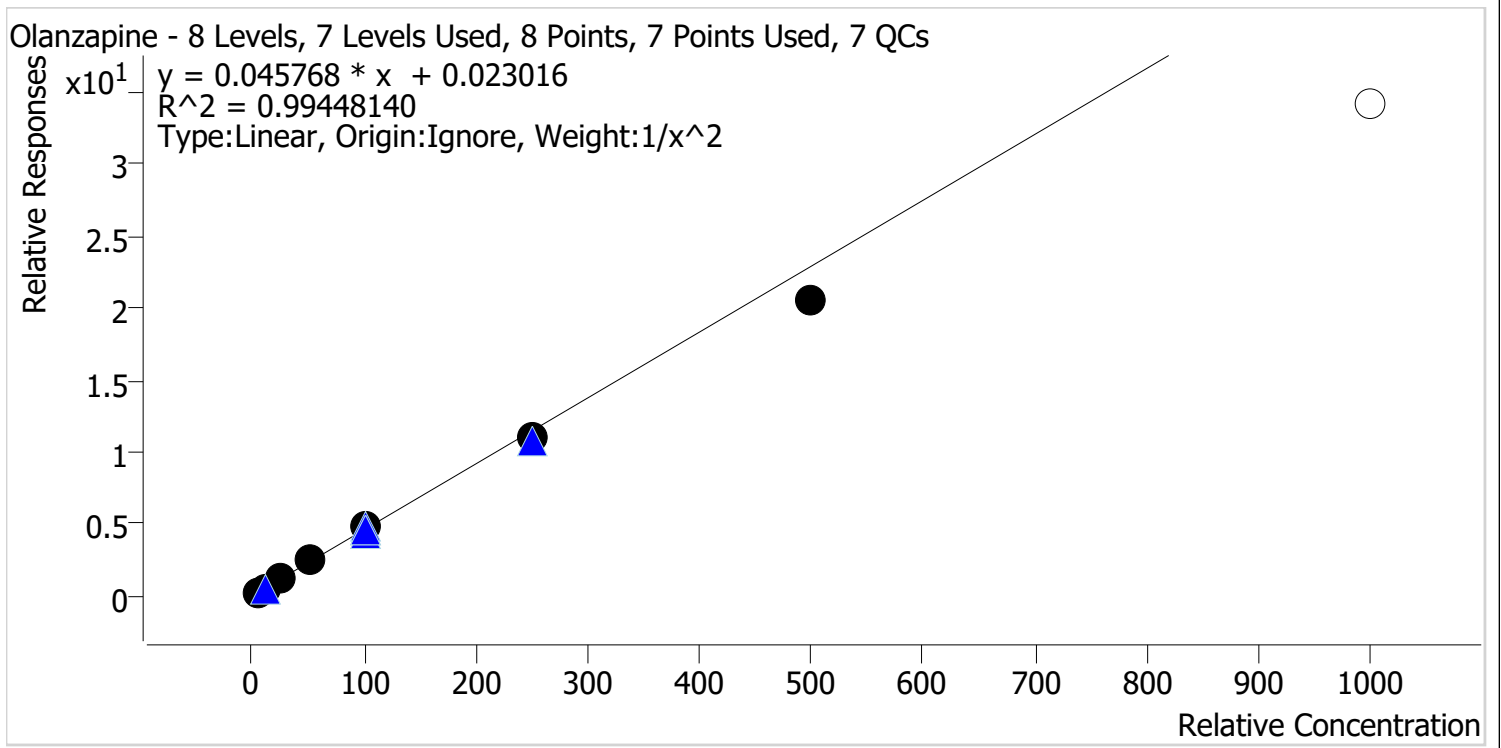
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	103.7
TS_p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
TS_p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
TS_p1 Cal 4-50ng	4	✓	50.0	46.0	92.0
TS_p1 Cal 5-100ng	5	✓	100.0	95.1	95.1
TS_p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
TS_p1 Cal 7-500ng	7	✓	500.0	528.5	105.7
TS_p1 Cal 8-1000ng	8	✓	1000.0	1120.3	112.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datator
Analyte Olanzapine **Internal Standard** Olanzapine-D8



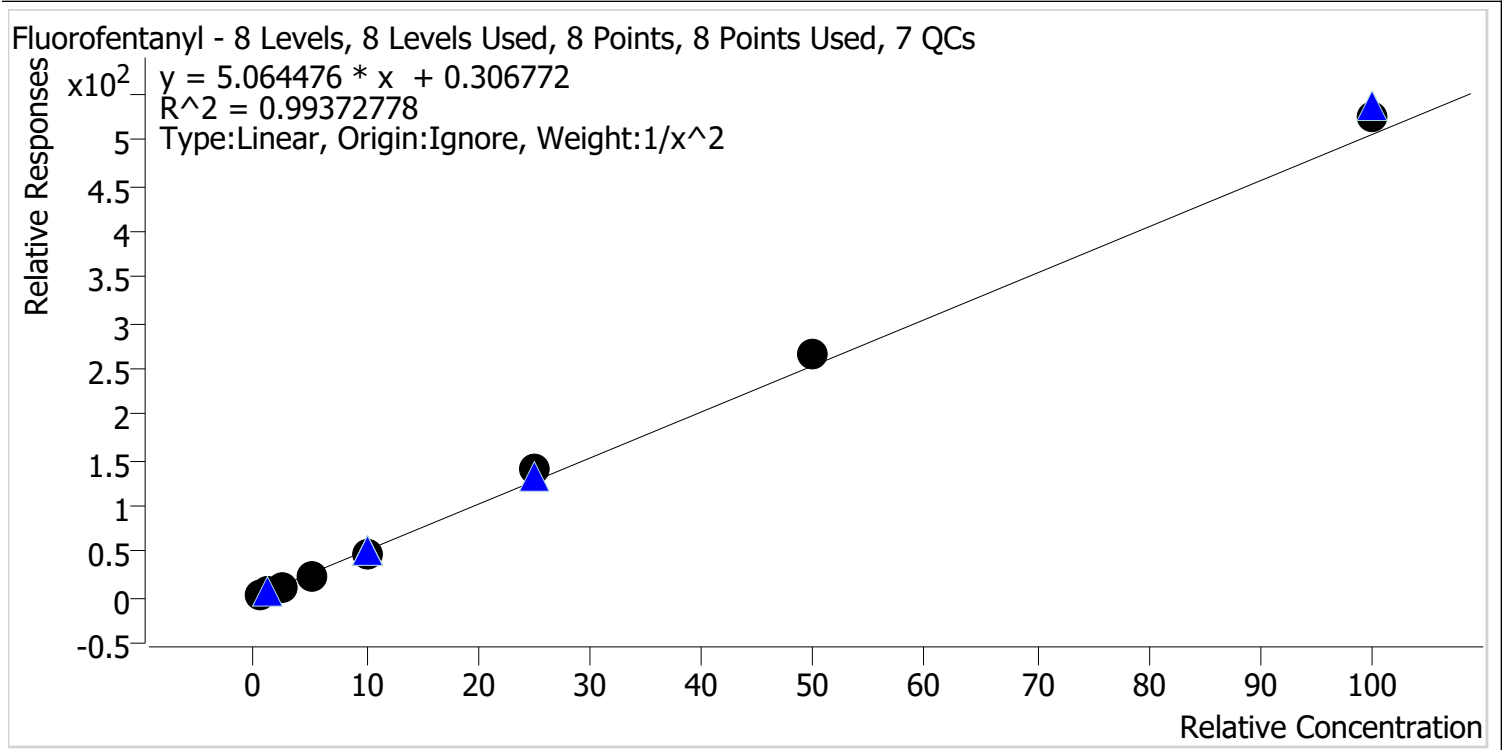
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
TS_p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
TS_p1 Cal 3 -25ng	3	✓	25.0	27.1	108.2
TS_p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
TS_p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
TS_p1 Cal 6-250ng	6	✓	250.0	238.7	95.5
TS_p1 Cal 7-500ng	7	✓	500.0	448.1	89.6
TS_p1 Cal 8-1000ng	8	x	1000.0	745.7	74.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	0.5	0.5	105.9
TS_p1 Cal 2-10ng	2	✓	1.0	0.9	91.4
TS_p1 Cal 3 -25ng	3	✓	2.5	2.4	95.1
TS_p1 Cal 4-50ng	4	✓	5.0	4.6	93.0
TS_p1 Cal 5-100ng	5	✓	10.0	9.6	95.8
TS_p1 Cal 6-250ng	6	✓	25.0	27.3	109.2
TS_p1 Cal 7-500ng	7	✓	50.0	52.7	105.4
TS_p1 Cal 8-1000ng	8	✓	100.0	104.2	104.2

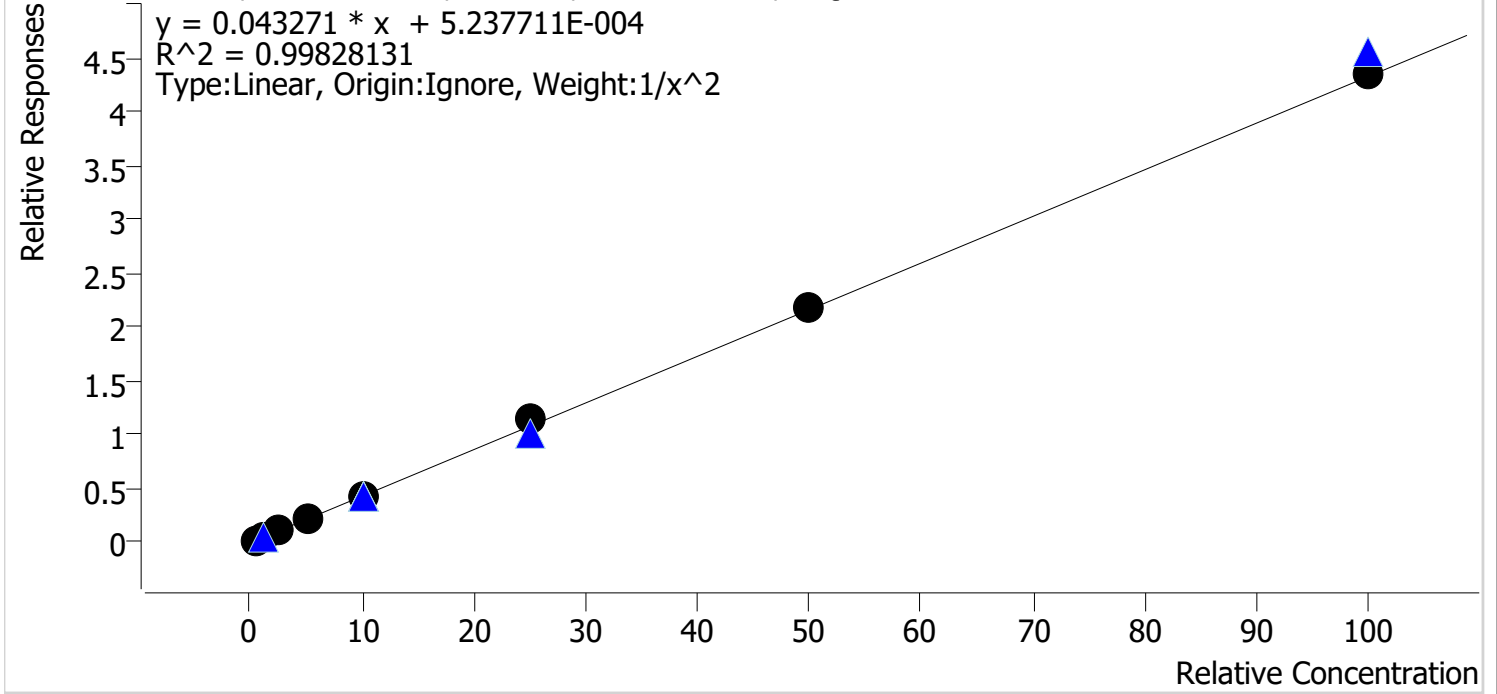
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Dastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



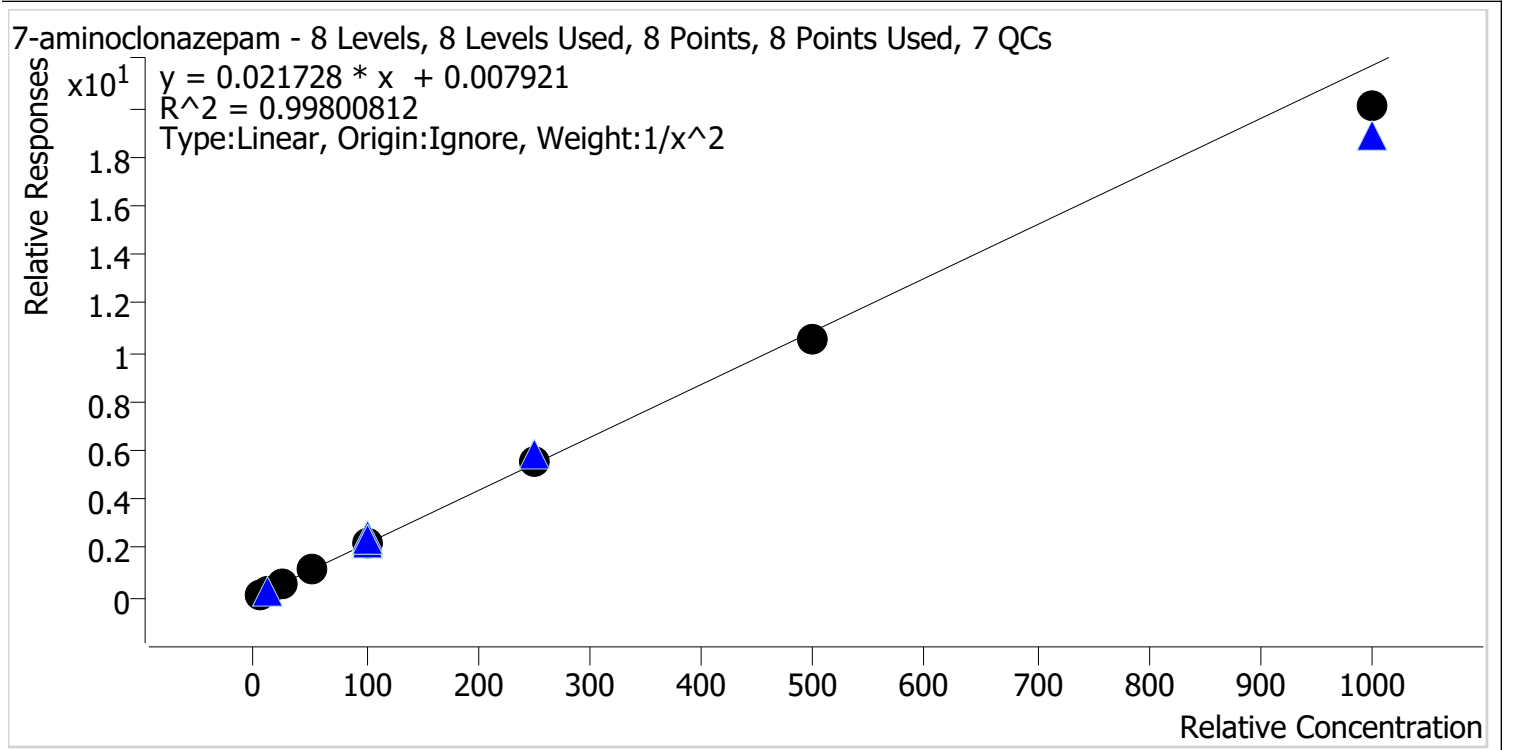
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	0.5	0.5	103.2
TS_p1 Cal 2-10ng	2	✓	1.0	0.9	93.5
TS_p1 Cal 3 -25ng	3	✓	2.5	2.5	101.6
TS_p1 Cal 4-50ng	4	✓	5.0	4.9	97.1
TS_p1 Cal 5-100ng	5	✓	10.0	9.8	98.5
TS_p1 Cal 6-250ng	6	✓	25.0	26.2	104.9
TS_p1 Cal 7-500ng	7	✓	50.0	50.2	100.3
TS_p1 Cal 8-1000ng	8	✓	100.0	100.9	100.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



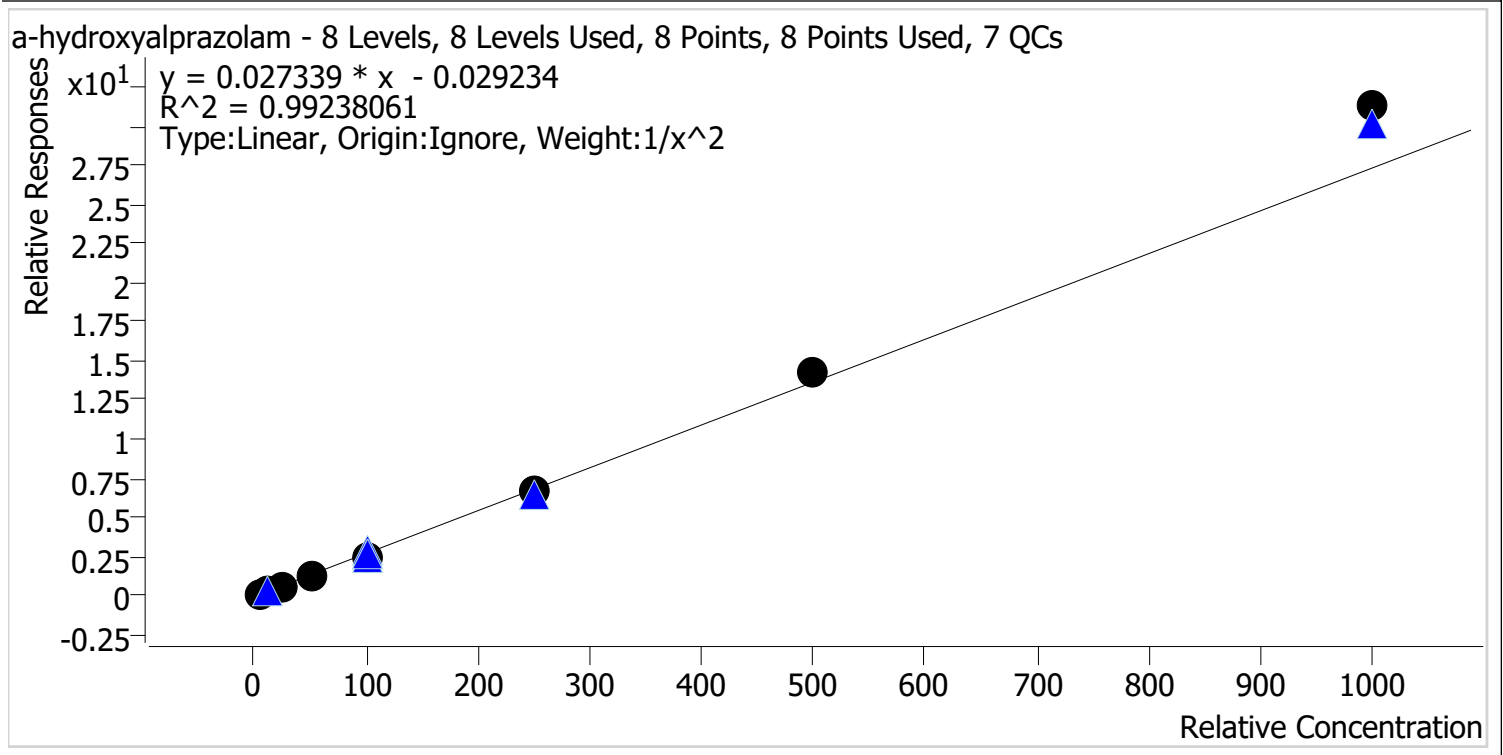
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
TS_p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
TS_p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
TS_p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
TS_p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
TS_p1 Cal 7-500ng	7	✓	500.0	485.1	97.0
TS_p1 Cal 8-1000ng	8	✓	1000.0	923.3	92.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5



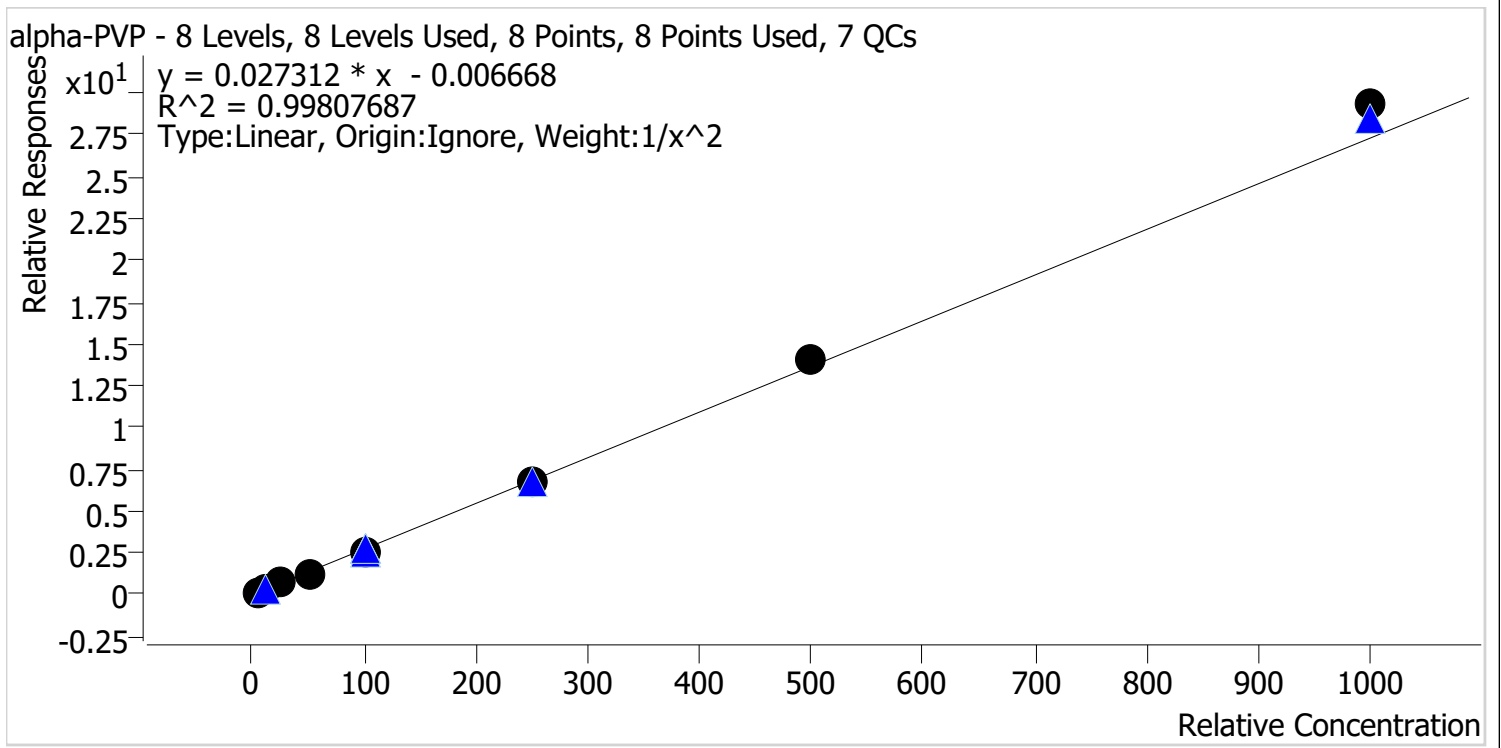
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
TS_p1 Cal 2-10ng	2	✓	10.0	9.5	95.1
TS_p1 Cal 3 -25ng	3	✓	25.0	22.9	91.8
TS_p1 Cal 4-50ng	4	✓	50.0	47.6	95.1
TS_p1 Cal 5-100ng	5	✓	100.0	94.7	94.7
TS_p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
TS_p1 Cal 7-500ng	7	✓	500.0	525.9	105.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	1145.0	114.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8



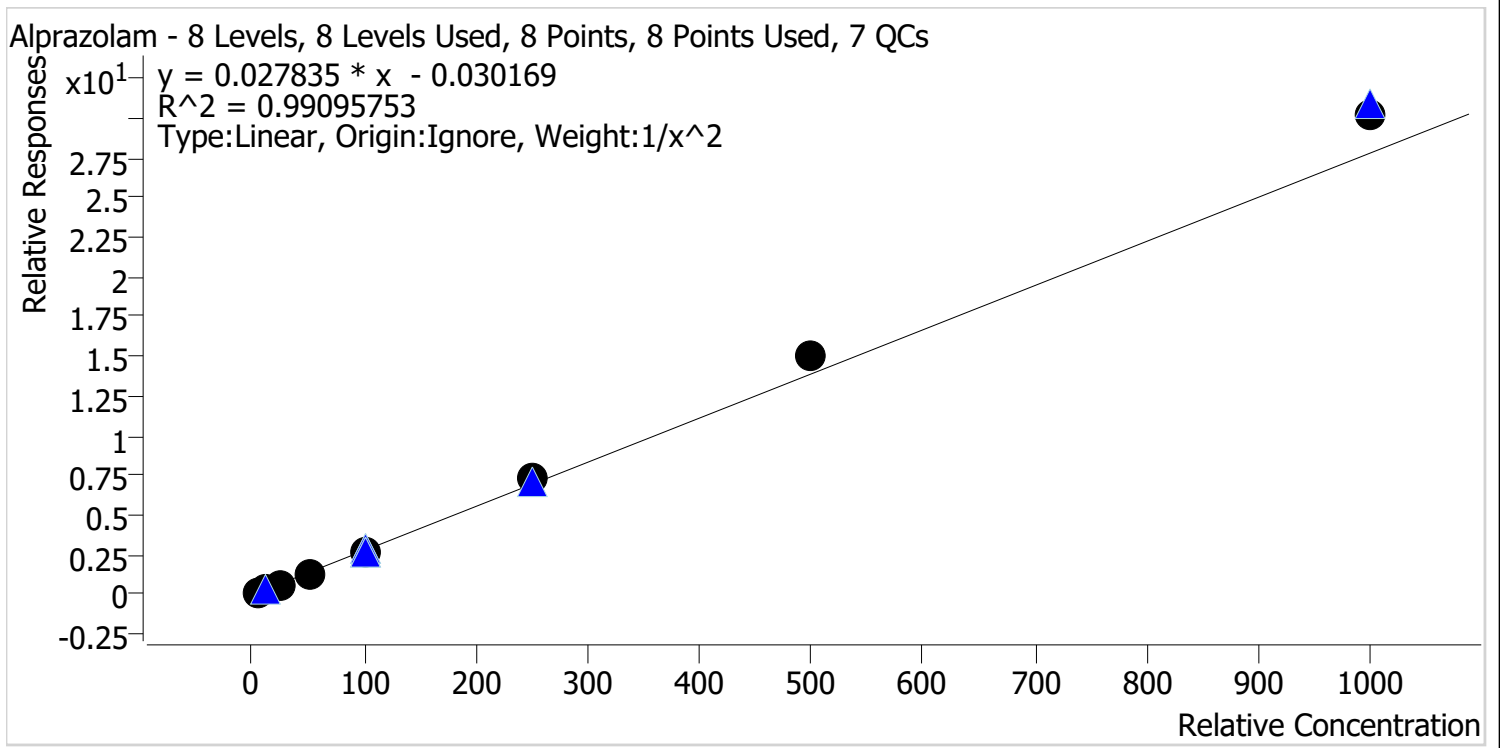
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
TS_p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
TS_p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
TS_p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
TS_p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
TS_p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
TS_p1 Cal 7-500ng	7	✓	500.0	512.0	102.4
TS_p1 Cal 8-1000ng	8	✓	1000.0	1074.1	107.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



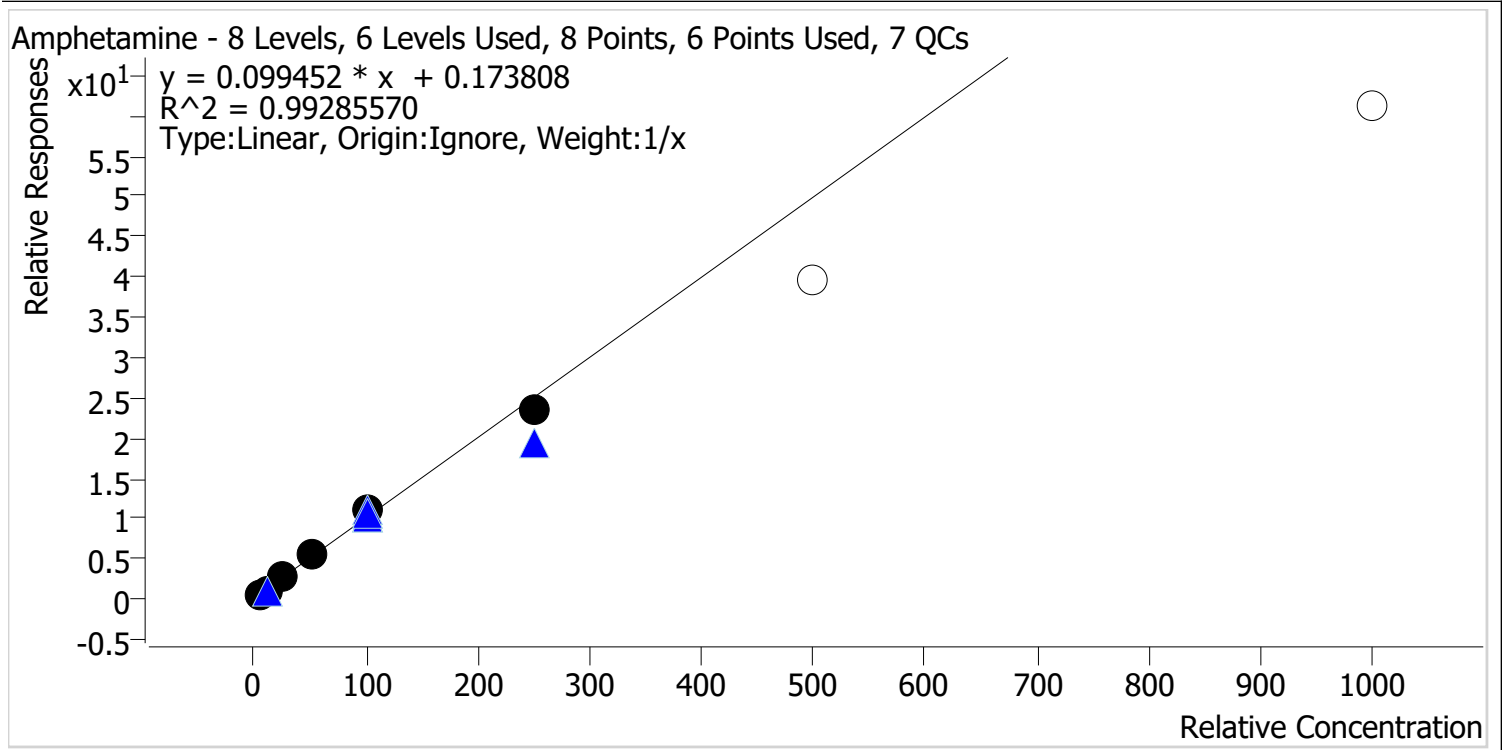
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.4	107.0
TS_p1 Cal 2-10ng	2	✓	10.0	9.2	91.7
TS_p1 Cal 3 -25ng	3	✓	25.0	22.2	88.8
TS_p1 Cal 4-50ng	4	✓	50.0	46.1	92.2
TS_p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
TS_p1 Cal 6-250ng	6	✓	250.0	264.8	105.9
TS_p1 Cal 7-500ng	7	✓	500.0	537.7	107.5
TS_p1 Cal 8-1000ng	8	✓	1000.0	1089.9	109.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



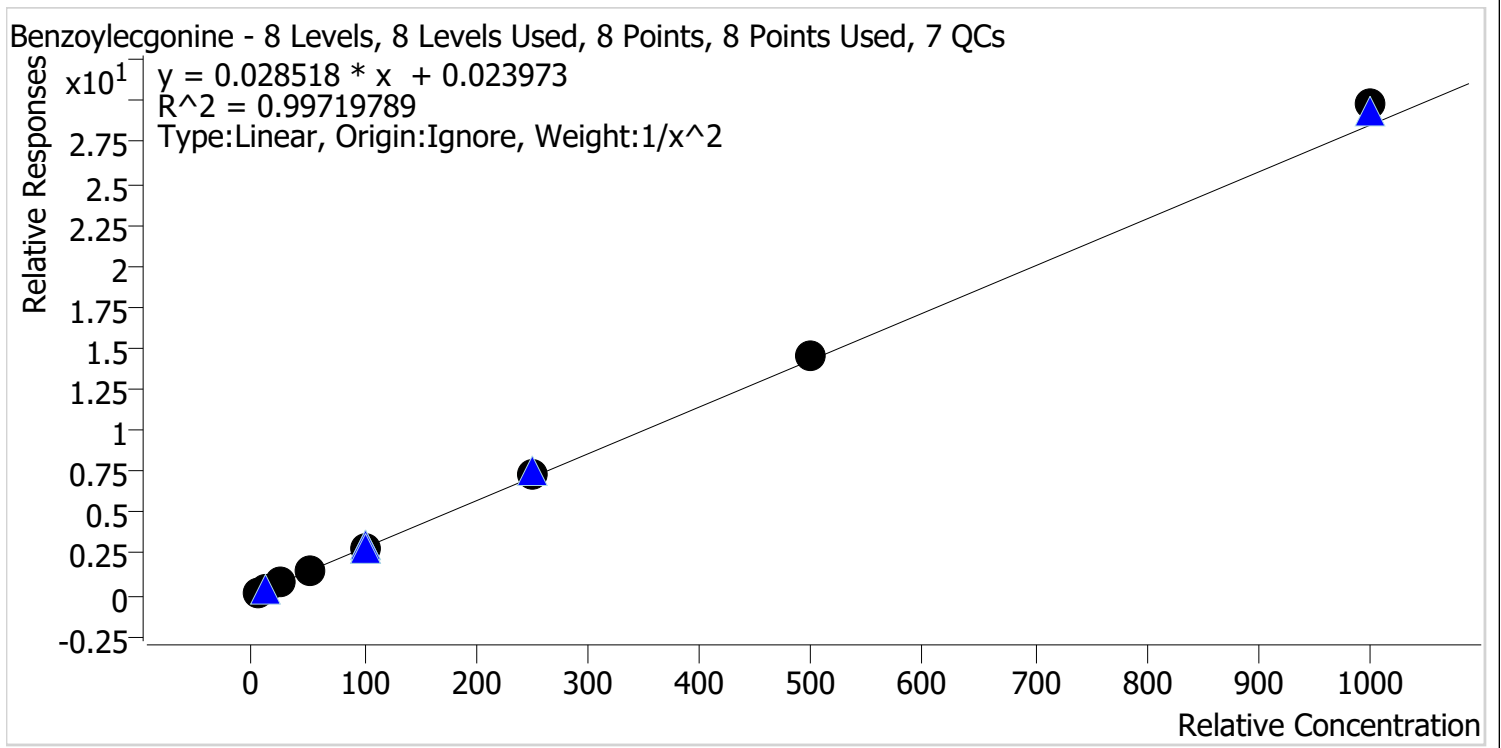
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.2	83.6
TS_p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
TS_p1 Cal 3 -25ng	3	✓	25.0	27.1	108.2
TS_p1 Cal 4-50ng	4	✓	50.0	53.8	107.7
TS_p1 Cal 5-100ng	5	✓	100.0	110.0	110.0
TS_p1 Cal 6-250ng	6	✓	250.0	235.3	94.1
TS_p1 Cal 7-500ng	7	✗	500.0	396.7	79.3
TS_p1 Cal 8-1000ng	8	✗	1000.0	613.3	61.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



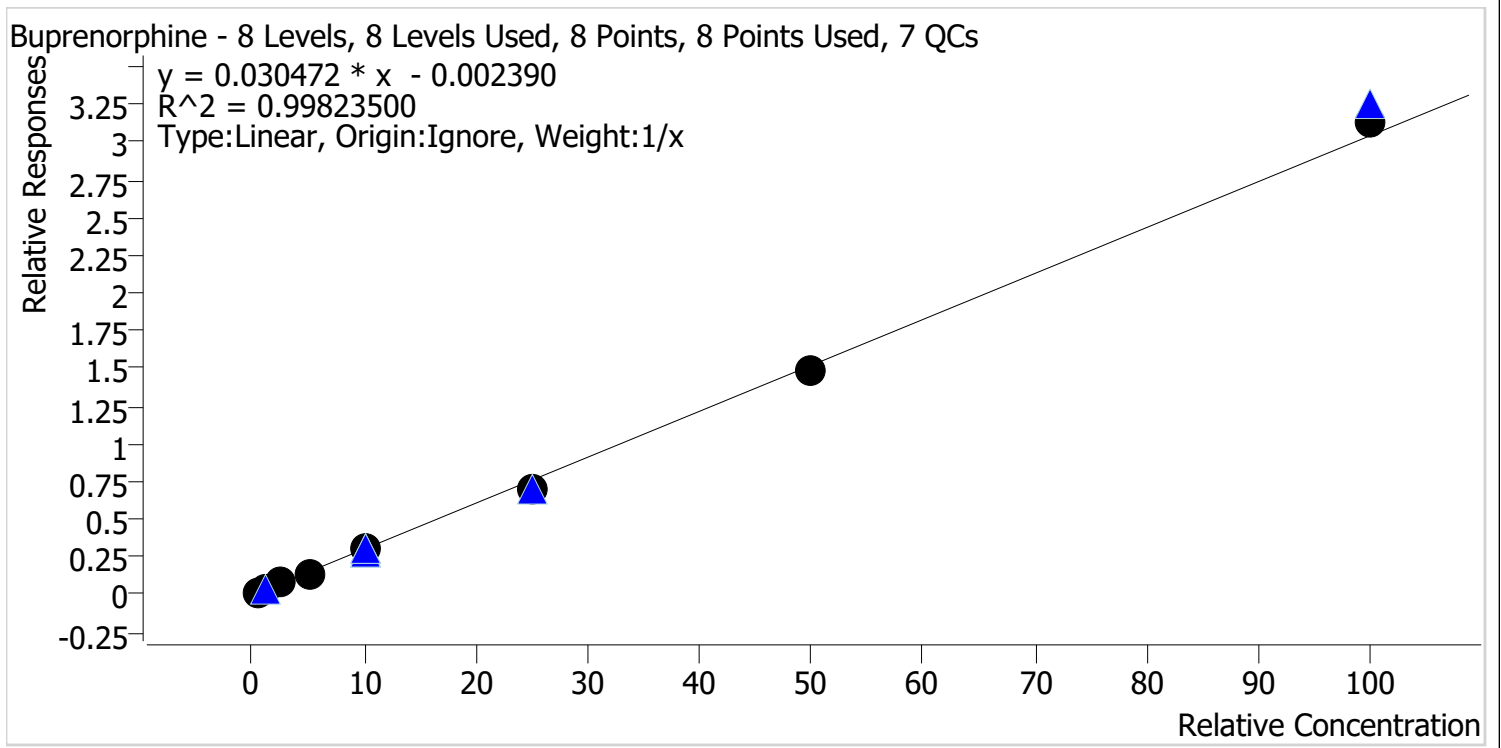
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.3	105.2
TS_p1 Cal 2-10ng	2	✓	10.0	9.1	91.0
TS_p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
TS_p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
TS_p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
TS_p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
TS_p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
TS_p1 Cal 8-1000ng	8	✓	1000.0	1044.4	104.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



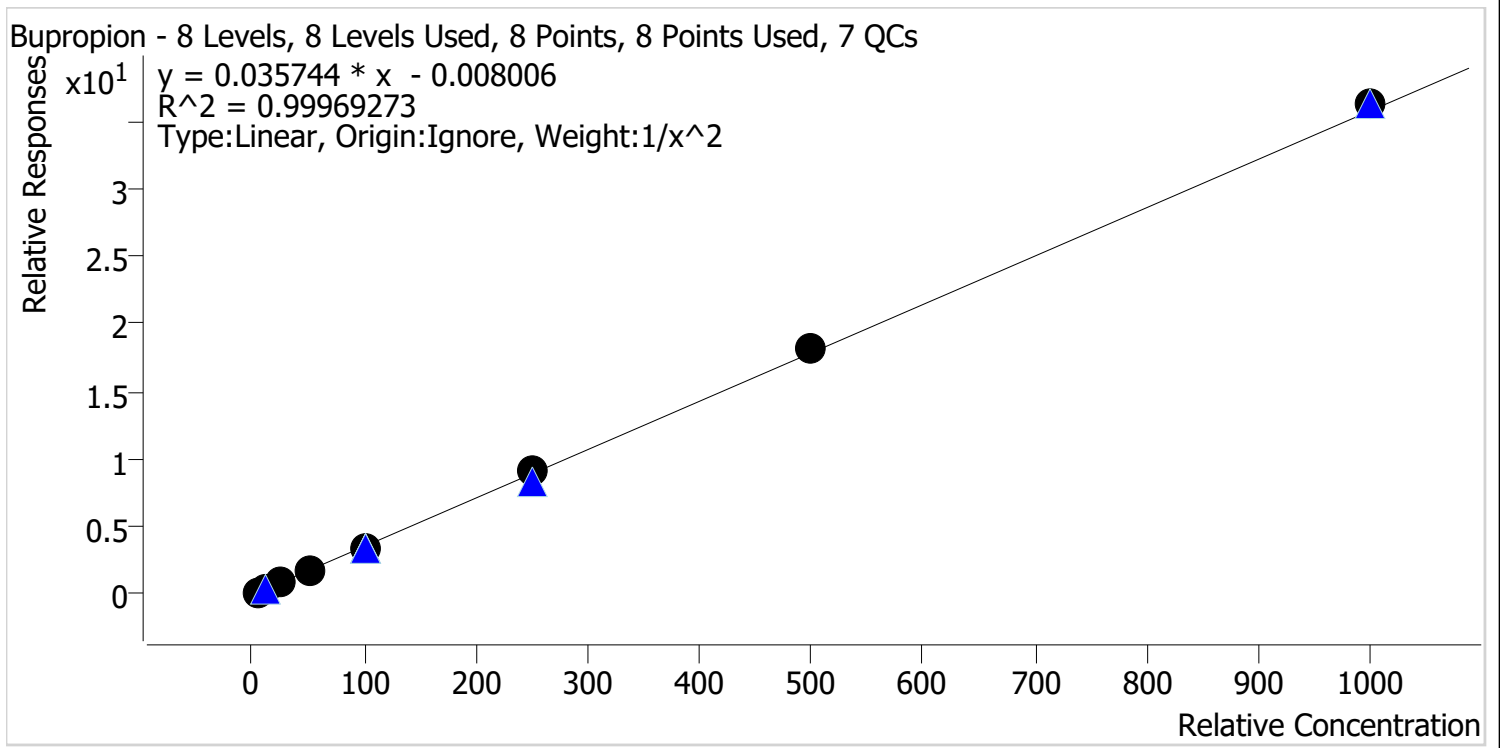
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	0.5	0.6	114.4
TS_p1 Cal 2-10ng	2	✓	1.0	1.0	95.4
TS_p1 Cal 3 -25ng	3	✓	2.5	2.5	101.6
TS_p1 Cal 4-50ng	4	✓	5.0	4.7	93.1
TS_p1 Cal 5-100ng	5	✓	10.0	10.2	102.2
TS_p1 Cal 6-250ng	6	✓	25.0	23.2	92.9
TS_p1 Cal 7-500ng	7	✓	50.0	48.6	97.2
TS_p1 Cal 8-1000ng	8	✓	100.0	103.2	103.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



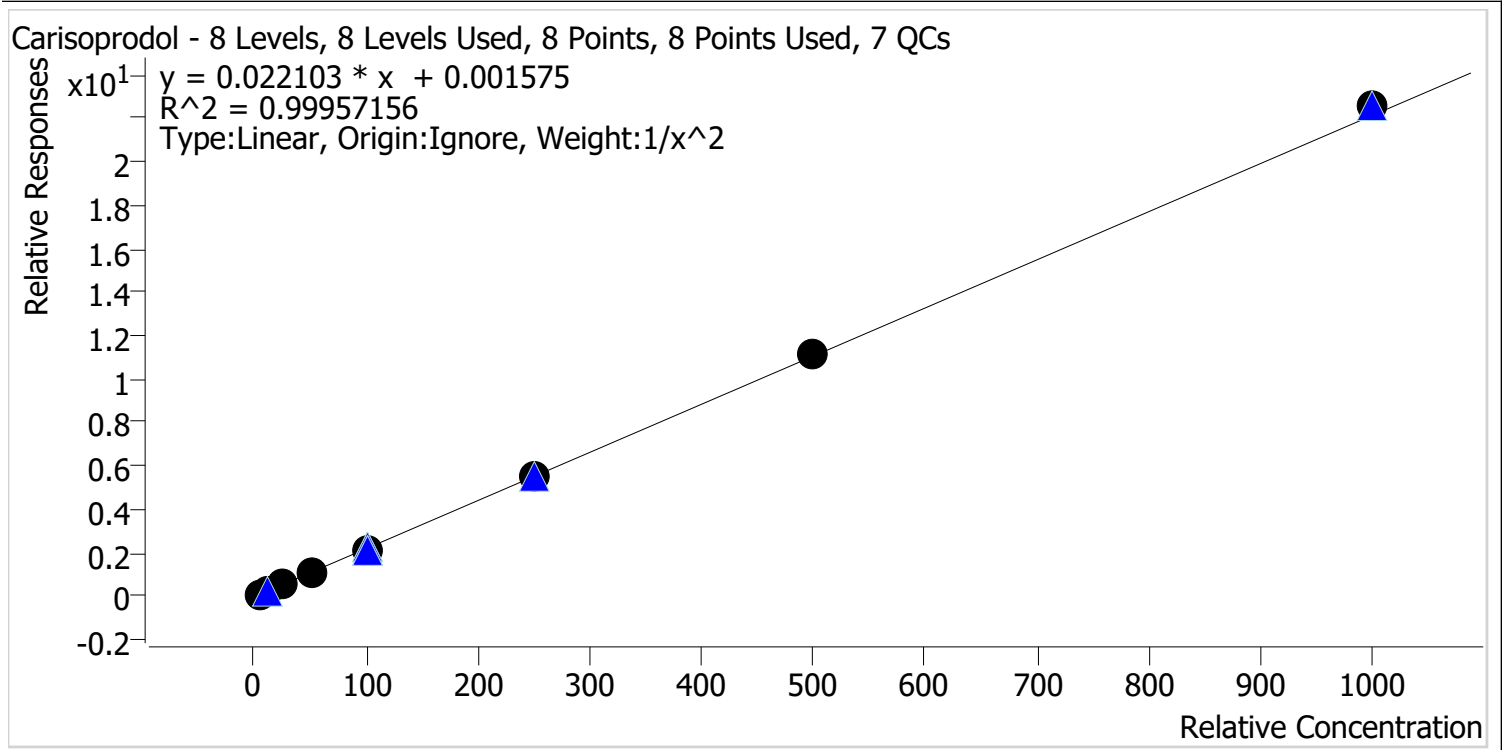
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
TS_p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
TS_p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
TS_p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
TS_p1 Cal 6-250ng	6	✓	250.0	253.1	101.3
TS_p1 Cal 7-500ng	7	✓	500.0	509.4	101.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	1013.8	101.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



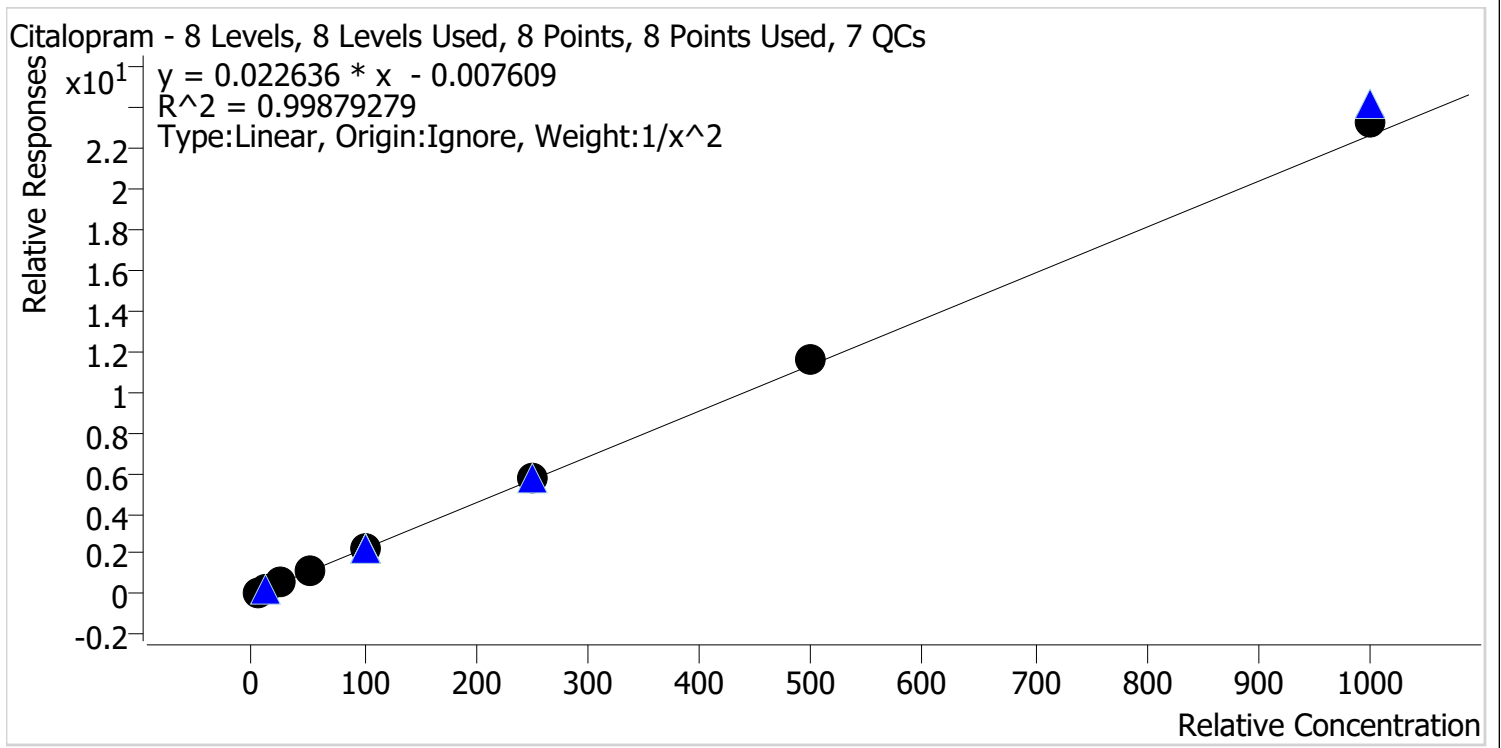
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
TS_p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
TS_p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
TS_p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
TS_p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
TS_p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
TS_p1 Cal 7-500ng	7	✓	500.0	504.8	101.0
TS_p1 Cal 8-1000ng	8	✓	1000.0	1018.5	101.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datator
Analyte Citalopram **Internal Standard** Citalopram-D6



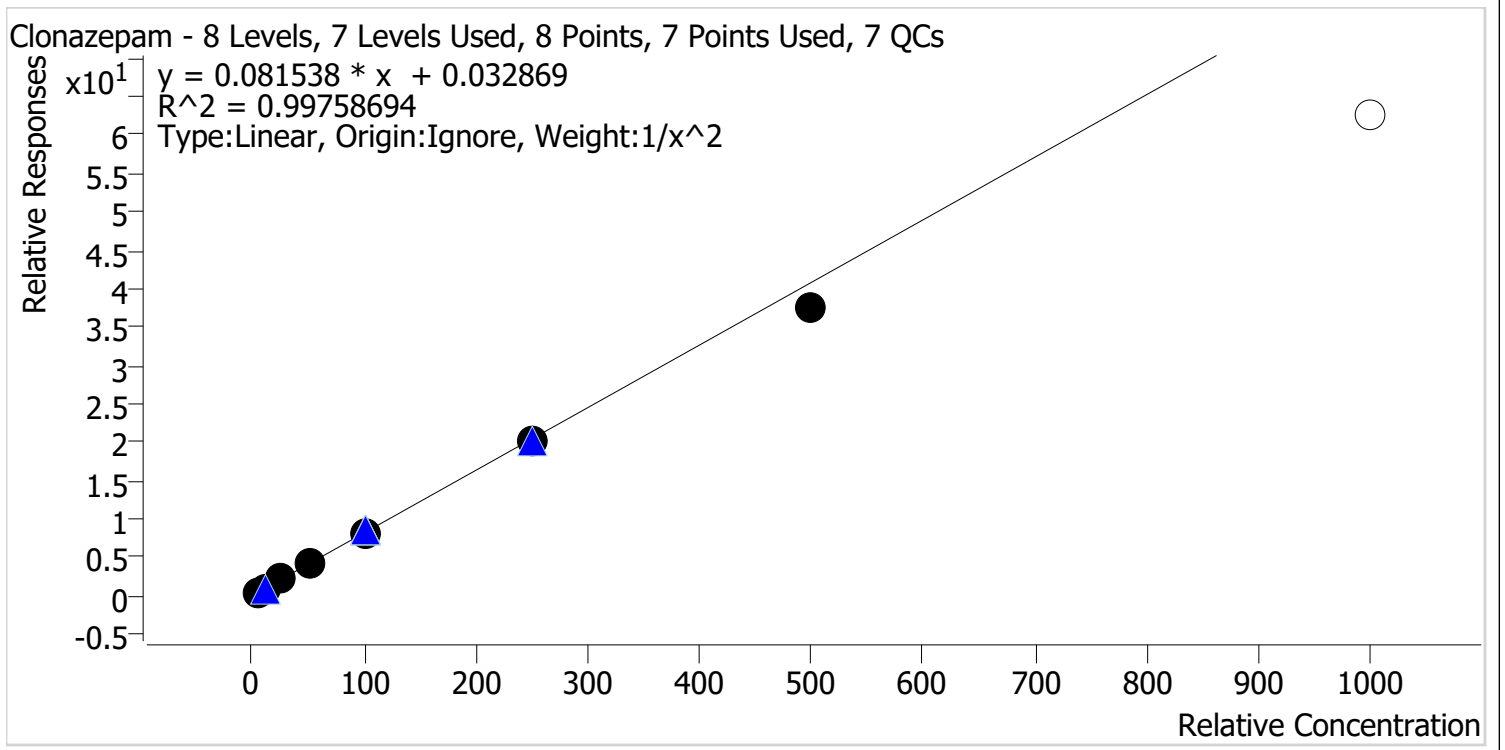
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
TS_p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
TS_p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
TS_p1 Cal 4-50ng	4	✓	50.0	48.4	96.7
TS_p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
TS_p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
TS_p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
TS_p1 Cal 8-1000ng	8	✓	1000.0	1032.5	103.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



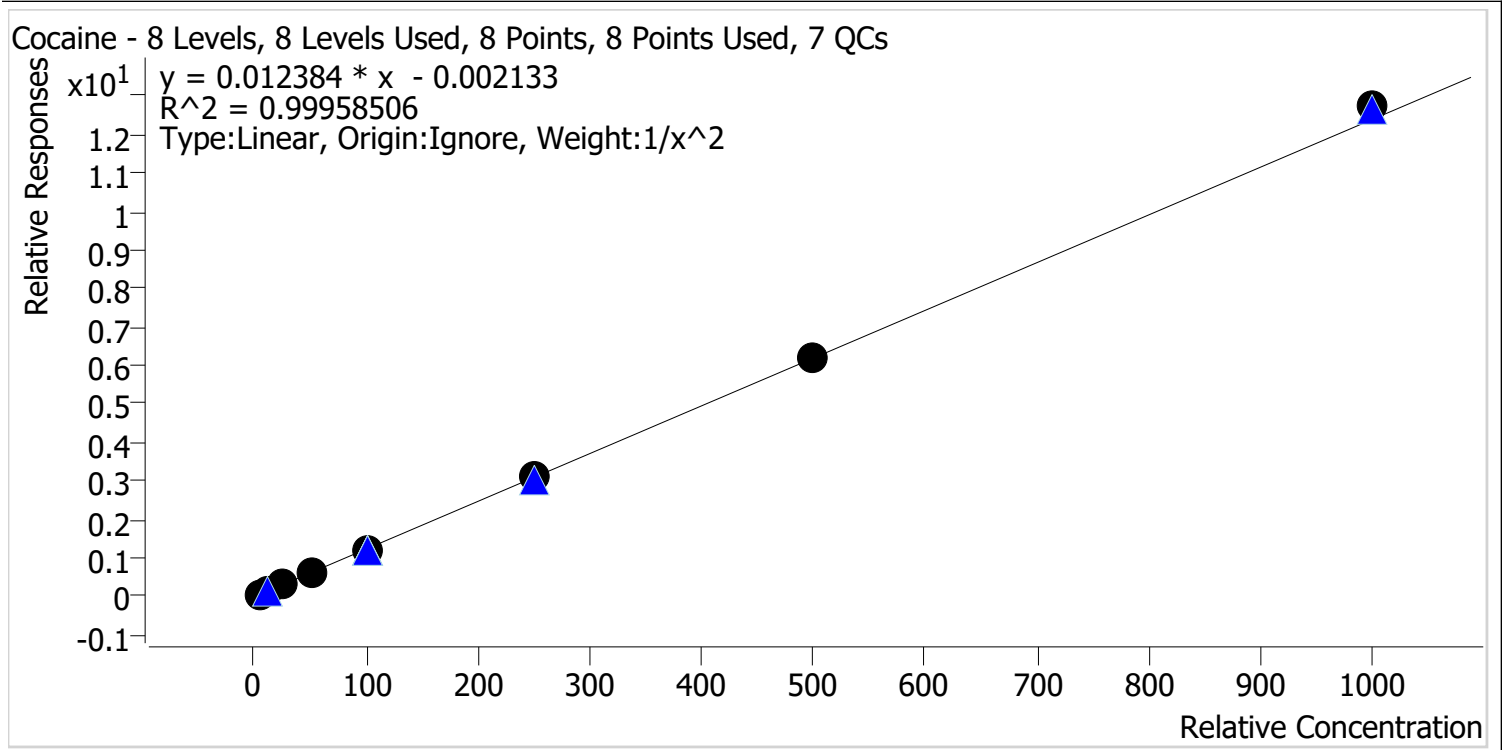
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
TS_p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
TS_p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
TS_p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
TS_p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
TS_p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
TS_p1 Cal 7-500ng	7	✓	500.0	461.1	92.2
TS_p1 Cal 8-1000ng	8	x	1000.0	770.6	77.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3



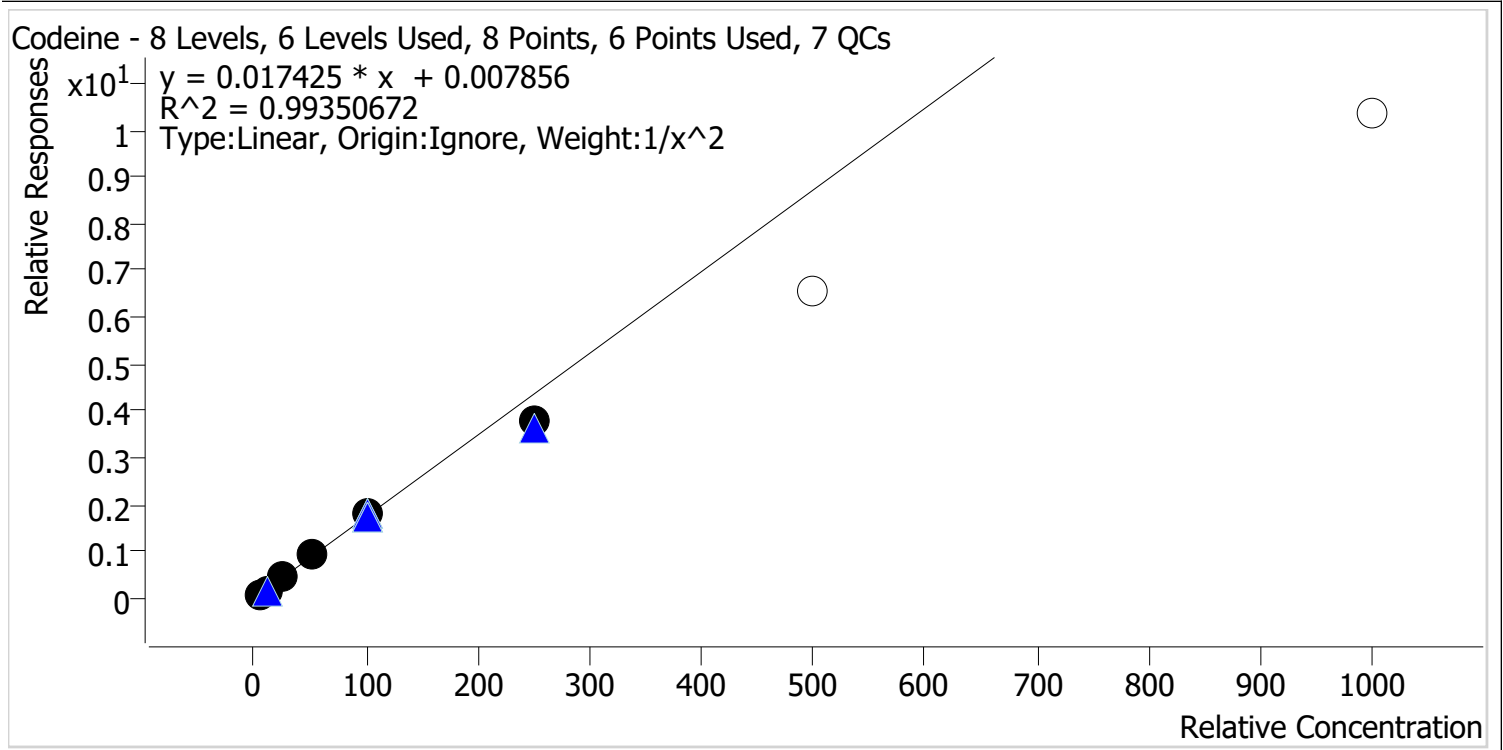
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
TS_p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
TS_p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
TS_p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
TS_p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
TS_p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
TS_p1 Cal 7-500ng	7	✓	500.0	502.8	100.6
TS_p1 Cal 8-1000ng	8	✓	1000.0	1027.7	102.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datator
Analyte Codeine **Internal Standard** Codeine-D6



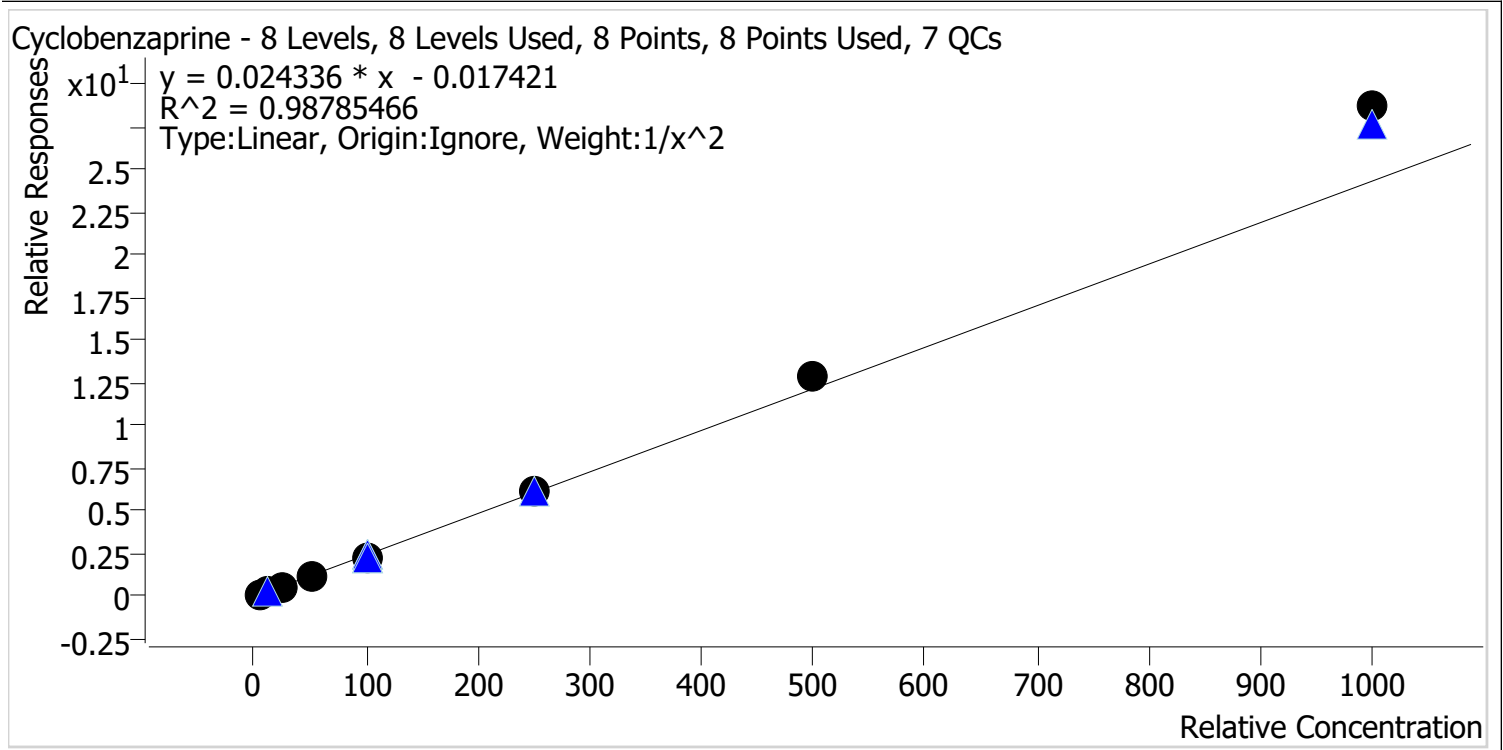
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
TS_p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
TS_p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
TS_p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
TS_p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
TS_p1 Cal 6-250ng	6	✓	250.0	219.4	87.8
TS_p1 Cal 7-500ng	7	✗	500.0	374.4	74.9
TS_p1 Cal 8-1000ng	8	✗	1000.0	596.0	59.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



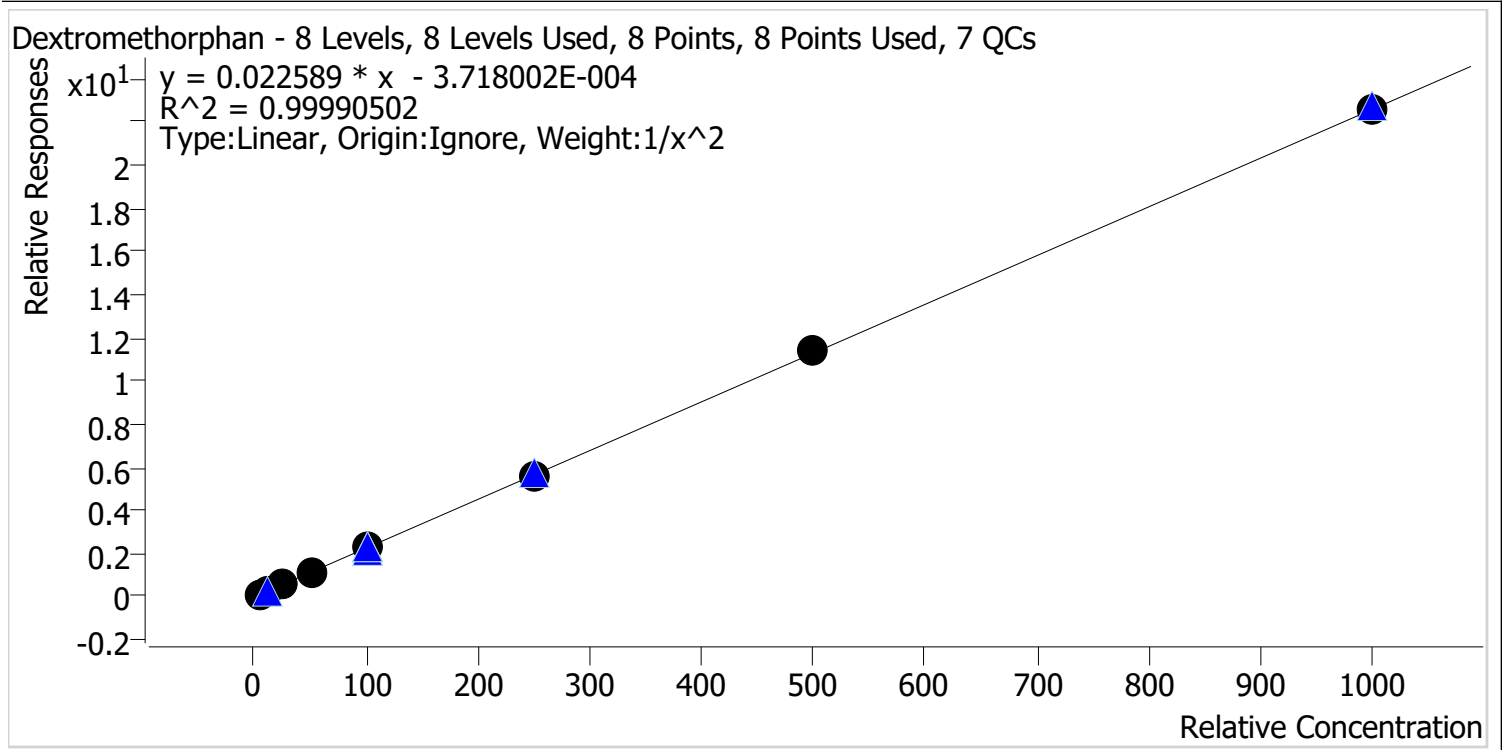
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.3	106.6
TS_p1 Cal 2-10ng	2	✓	10.0	9.2	92.5
TS_p1 Cal 3-25ng	3	✓	25.0	22.7	90.9
TS_p1 Cal 4-50ng	4	✓	50.0	45.7	91.4
TS_p1 Cal 5-100ng	5	✓	100.0	94.0	94.0
TS_p1 Cal 6-250ng	6	✓	250.0	253.6	101.4
TS_p1 Cal 7-500ng	7	✓	500.0	526.4	105.3
TS_p1 Cal 8-1000ng	8	✓	1000.0	1180.1	118.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3



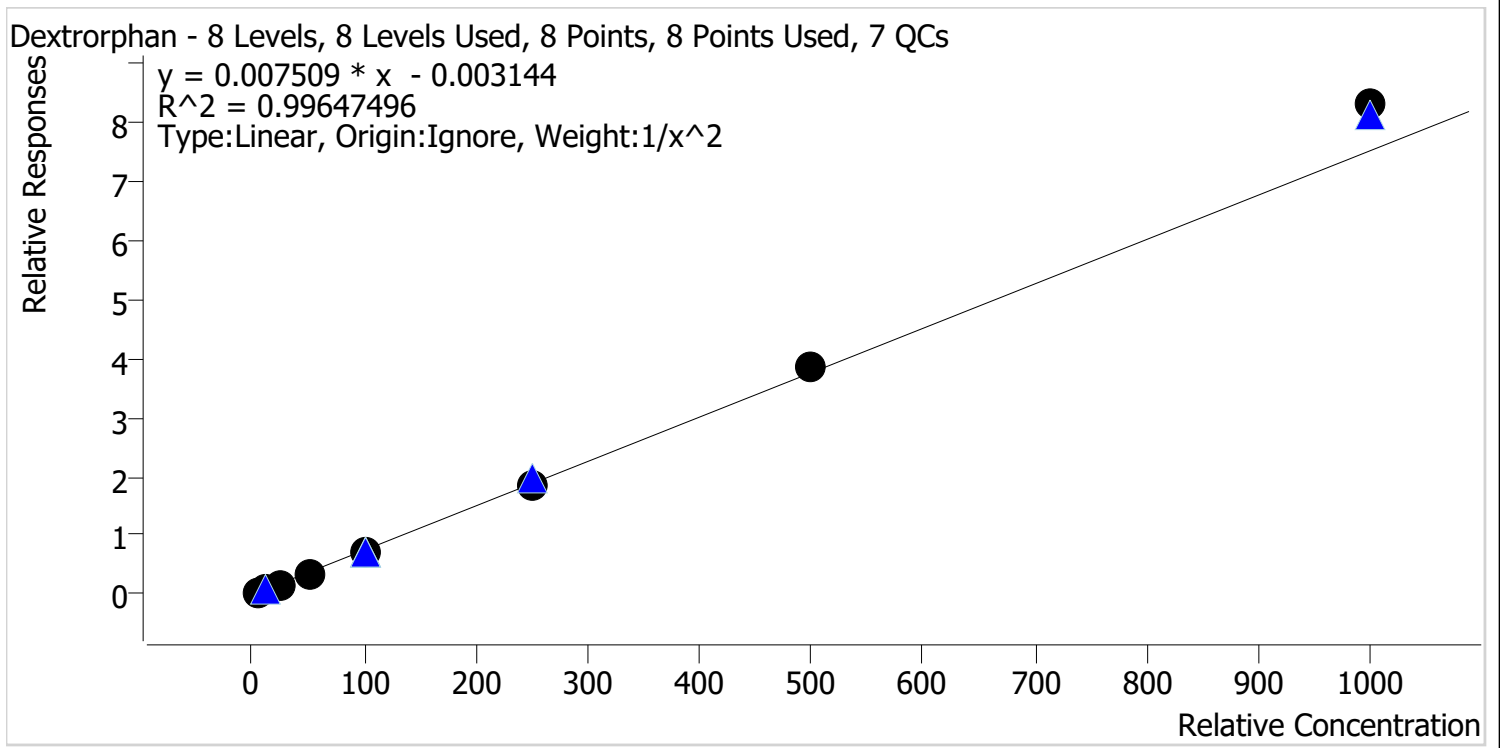
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
TS_p1 Cal 3 -25ng	3	✓	25.0	24.8	99.4
TS_p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
TS_p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
TS_p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
TS_p1 Cal 7-500ng	7	✓	500.0	506.2	101.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	1000.0	100.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



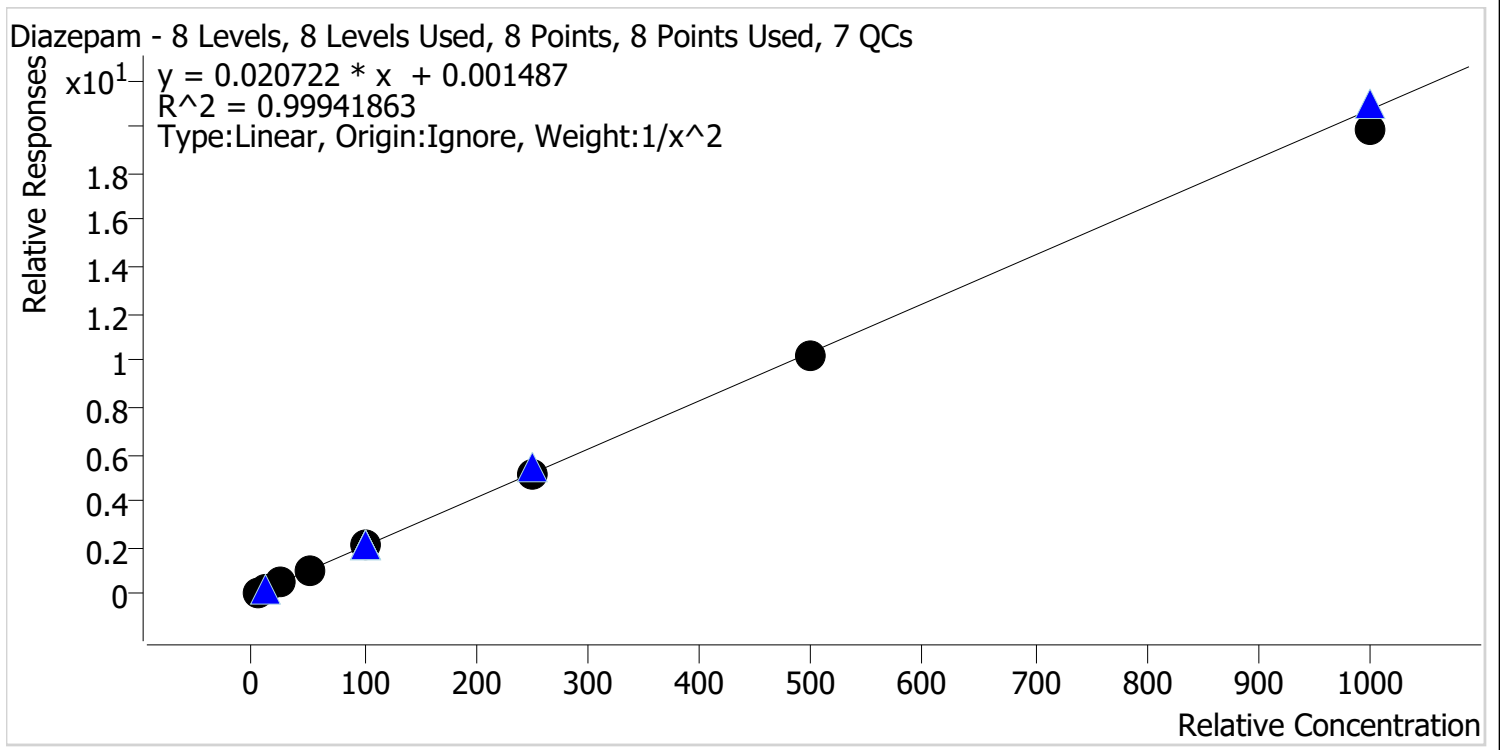
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
TS_p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
TS_p1 Cal 4-50ng	4	✓	50.0	47.8	95.5
TS_p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
TS_p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
TS_p1 Cal 7-500ng	7	✓	500.0	514.9	103.0
TS_p1 Cal 8-1000ng	8	✓	1000.0	1104.7	110.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



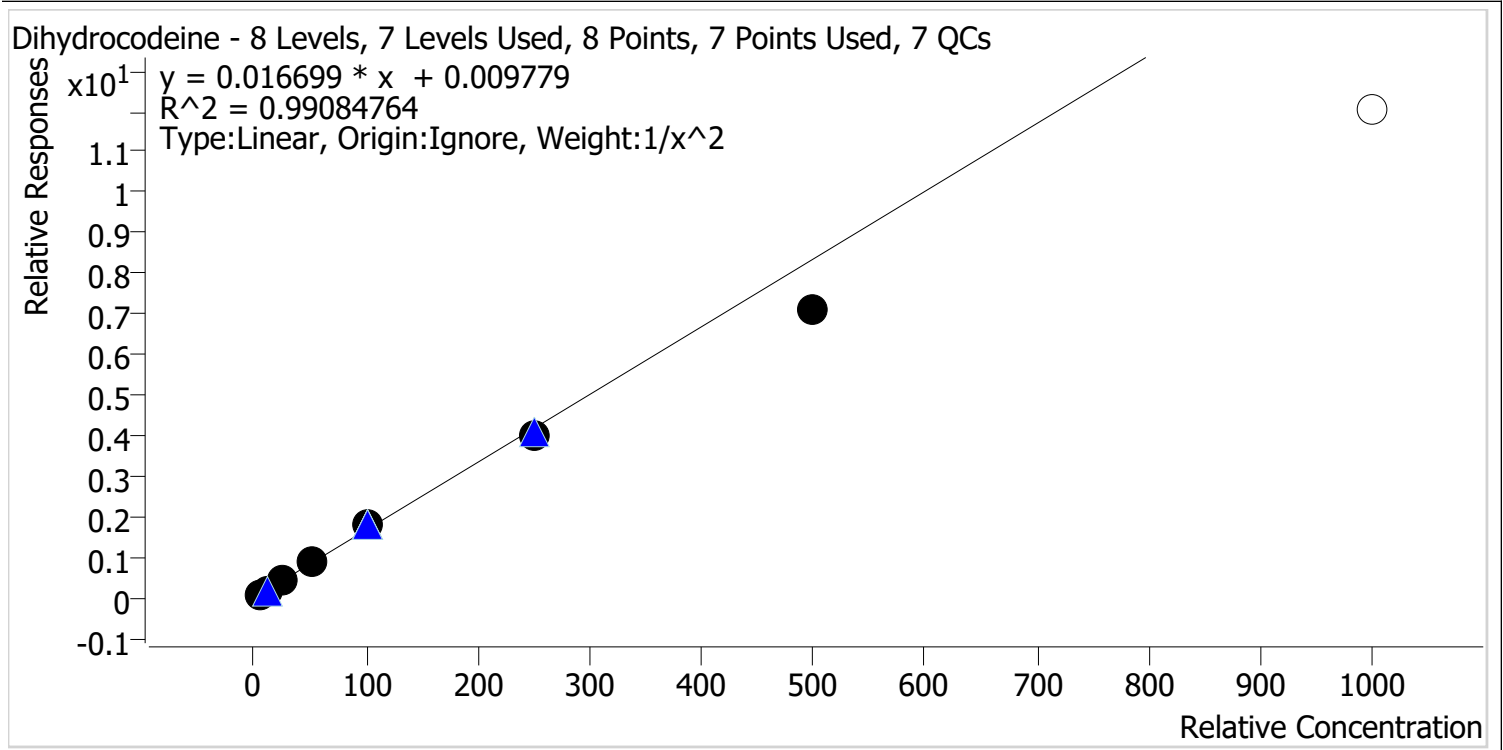
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
TS_p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
TS_p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
TS_p1 Cal 4-50ng	4	✓	50.0	51.3	102.5
TS_p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
TS_p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
TS_p1 Cal 7-500ng	7	✓	500.0	494.5	98.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	958.5	95.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



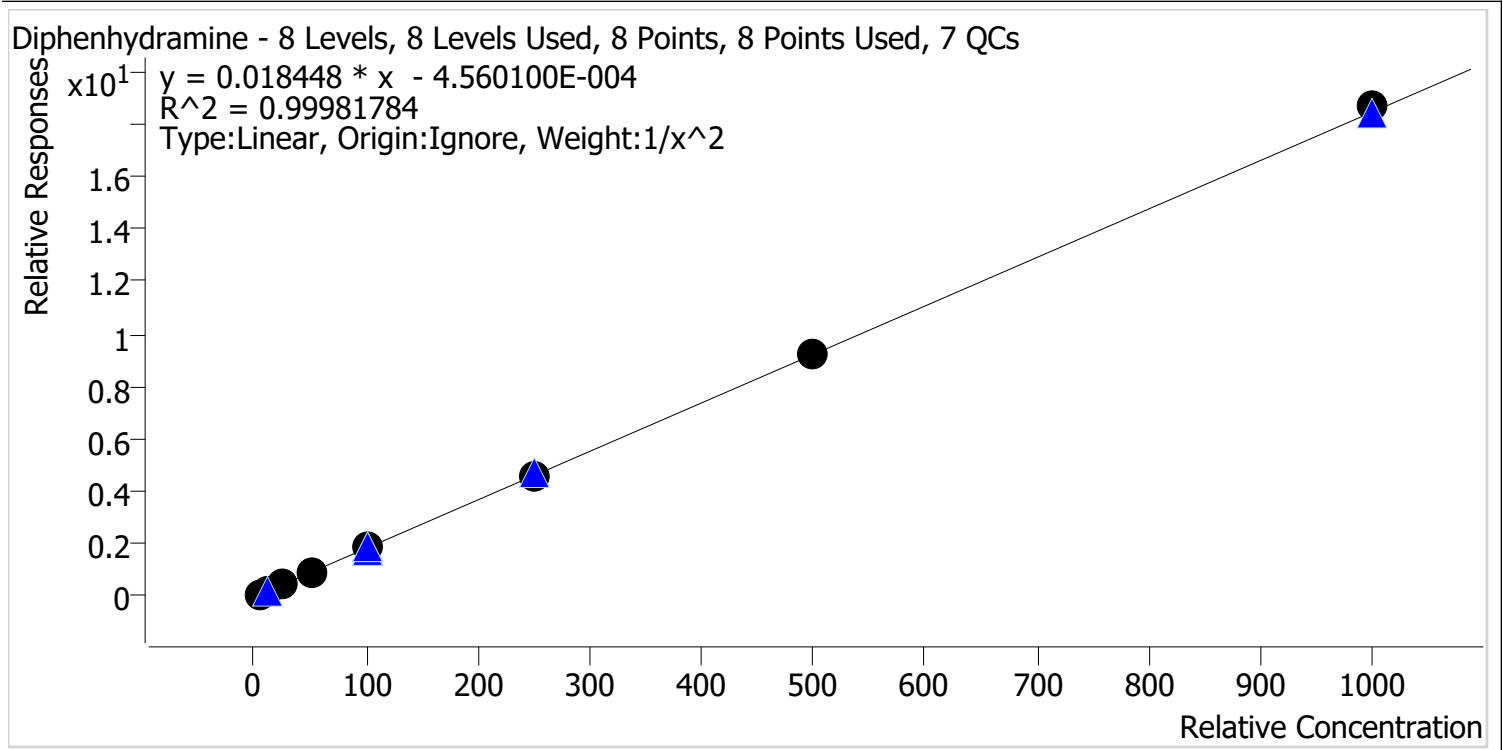
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
TS_p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
TS_p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
TS_p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
TS_p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
TS_p1 Cal 6-250ng	6	✓	250.0	241.0	96.4
TS_p1 Cal 7-500ng	7	✓	500.0	424.7	84.9
TS_p1 Cal 8-1000ng	8	x	1000.0	718.9	71.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



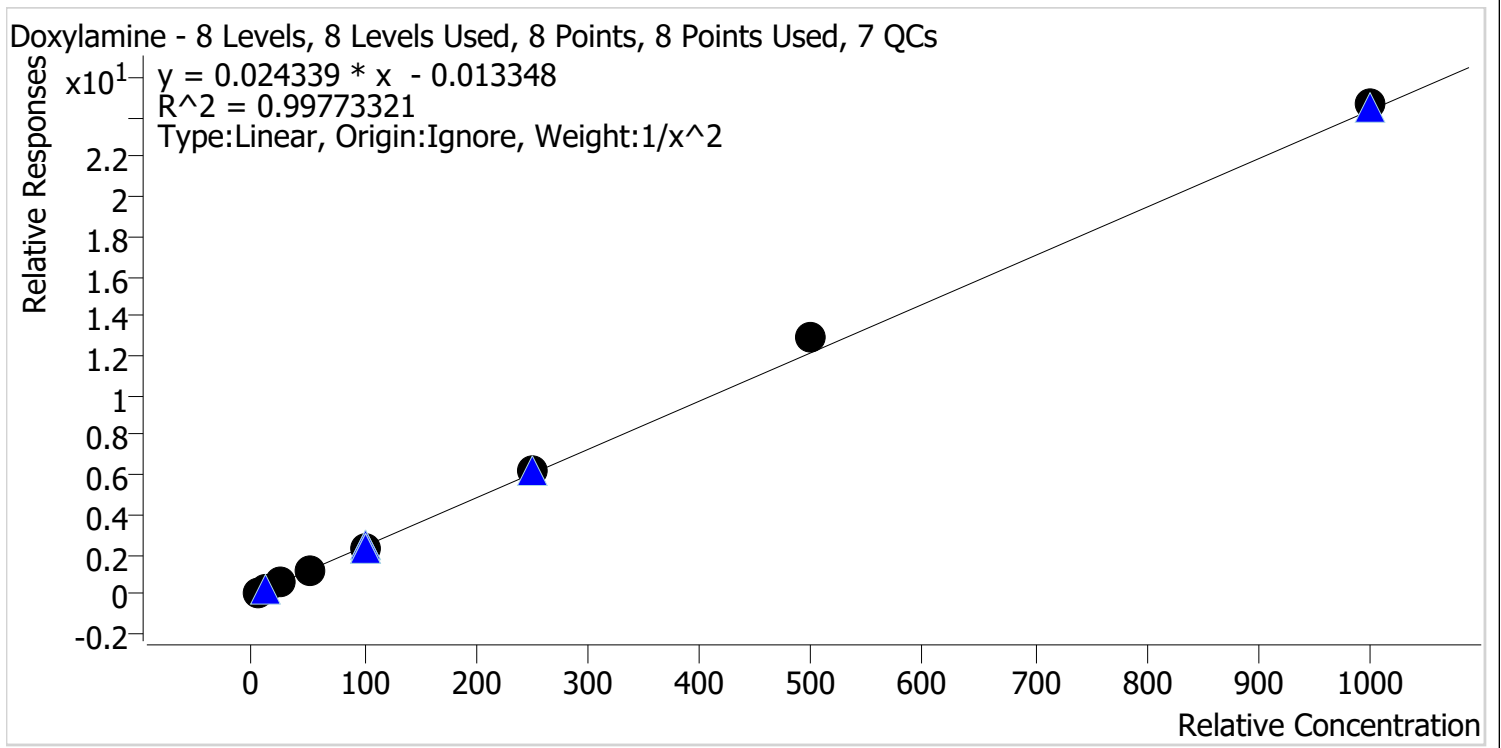
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
TS_p1 Cal 3 -25ng	3	✓	25.0	25.0	99.8
TS_p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
TS_p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
TS_p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
TS_p1 Cal 7-500ng	7	✓	500.0	504.5	100.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	1012.0	101.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



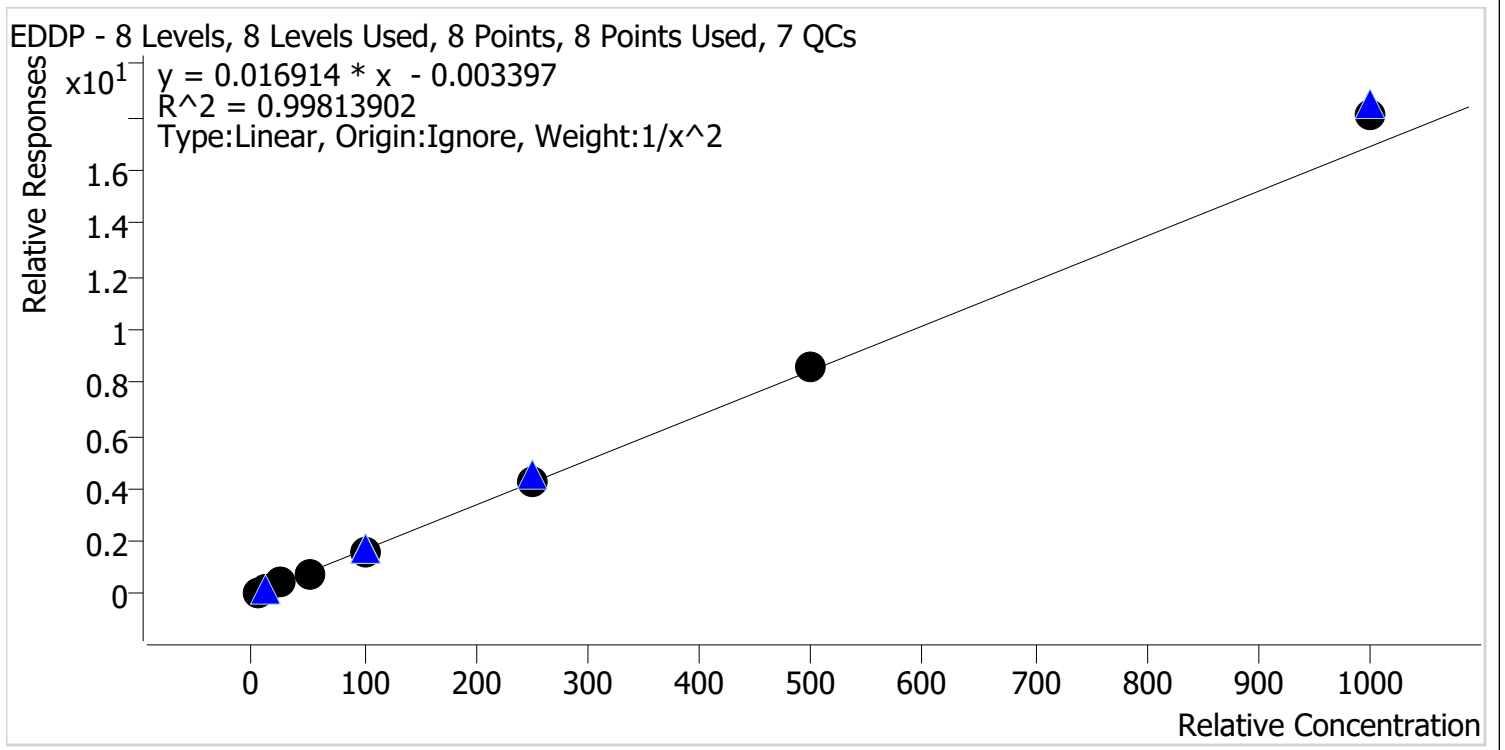
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
TS_p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
TS_p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
TS_p1 Cal 4-50ng	4	✓	50.0	48.2	96.3
TS_p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
TS_p1 Cal 6-250ng	6	✓	250.0	258.0	103.2
TS_p1 Cal 7-500ng	7	✓	500.0	533.0	106.6
TS_p1 Cal 8-1000ng	8	✓	1000.0	1012.6	101.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3



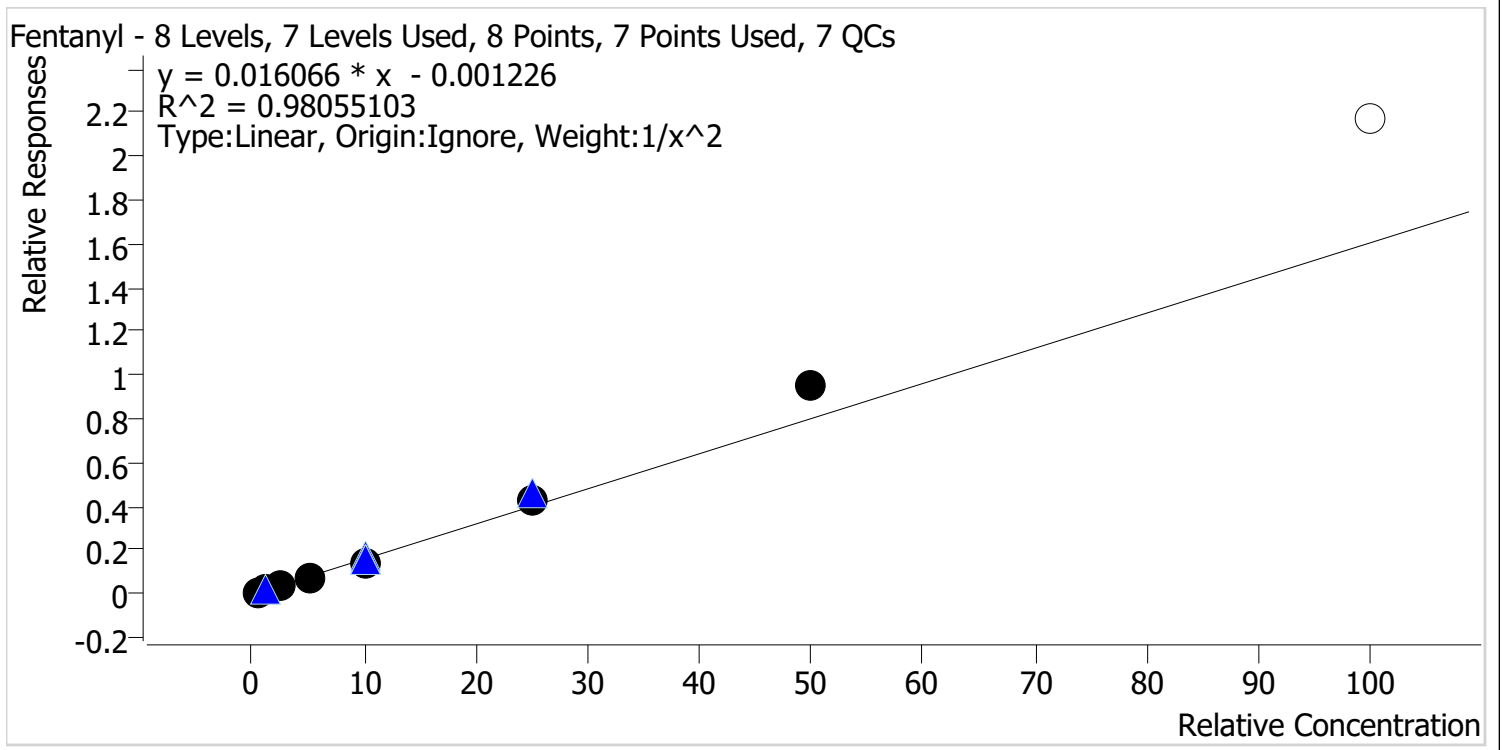
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
TS_p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
TS_p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
TS_p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
TS_p1 Cal 5-100ng	5	✓	100.0	95.3	95.3
TS_p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
TS_p1 Cal 7-500ng	7	✓	500.0	511.4	102.3
TS_p1 Cal 8-1000ng	8	✓	1000.0	1072.8	107.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



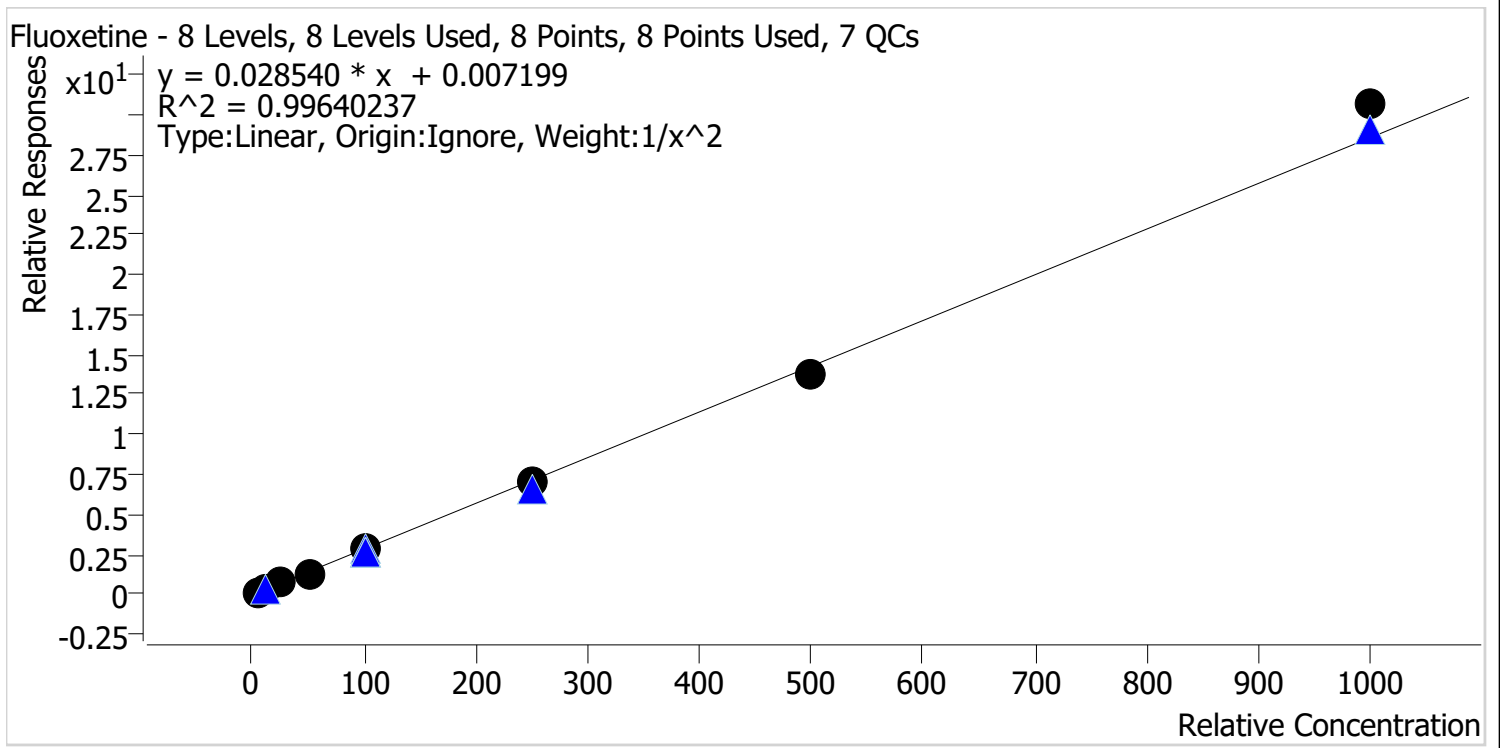
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	0.5	0.5	108.2
TS_p1 Cal 2-10ng	2	✓	1.0	0.9	89.4
TS_p1 Cal 3 -25ng	3	✓	2.5	2.2	88.0
TS_p1 Cal 4-50ng	4	✓	5.0	4.7	94.9
TS_p1 Cal 5-100ng	5	✓	10.0	9.2	92.3
TS_p1 Cal 6-250ng	6	✓	25.0	26.8	107.2
TS_p1 Cal 7-500ng	7	✓	50.0	59.9	119.8
TS_p1 Cal 8-1000ng	8	x	100.0	135.9	135.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



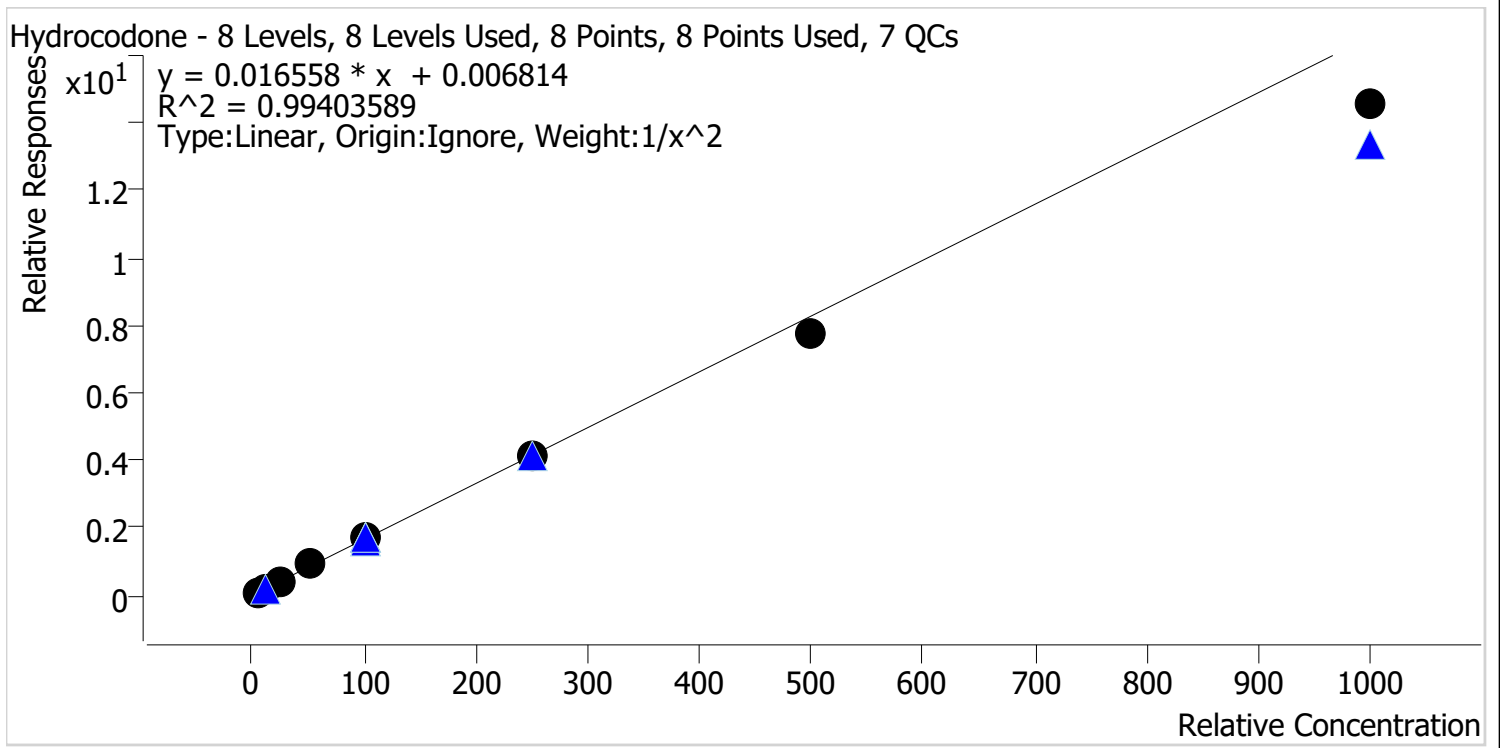
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
TS_p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
TS_p1 Cal 3 -25ng	3	✓	25.0	26.9	107.8
TS_p1 Cal 4-50ng	4	✓	50.0	46.4	92.8
TS_p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
TS_p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
TS_p1 Cal 7-500ng	7	✓	500.0	484.2	96.8
TS_p1 Cal 8-1000ng	8	✓	1000.0	1073.2	107.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



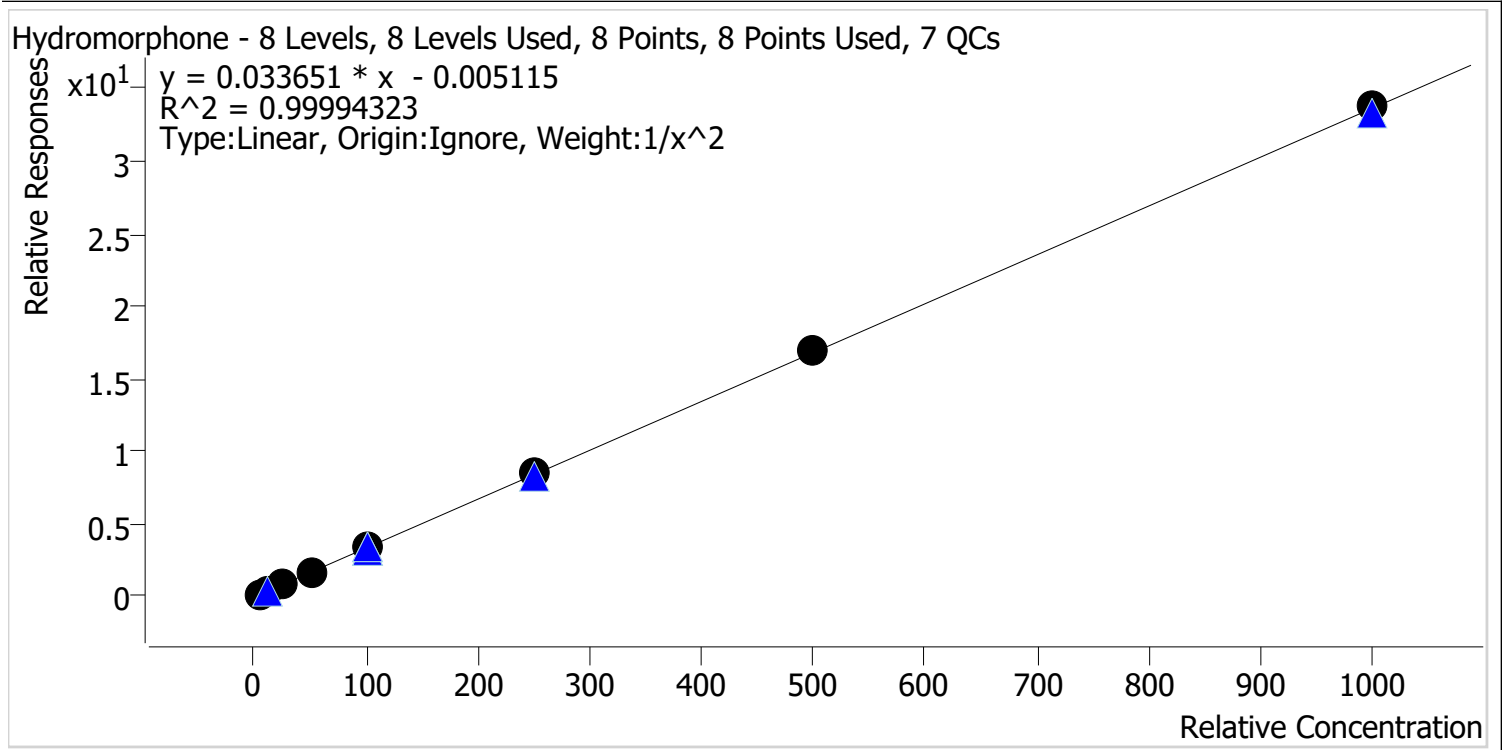
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
TS_p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
TS_p1 Cal 3 -25ng	3	✓	25.0	26.4	105.8
TS_p1 Cal 4-50ng	4	✓	50.0	54.2	108.5
TS_p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
TS_p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
TS_p1 Cal 7-500ng	7	✓	500.0	470.2	94.0
TS_p1 Cal 8-1000ng	8	✓	1000.0	879.2	87.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Dastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



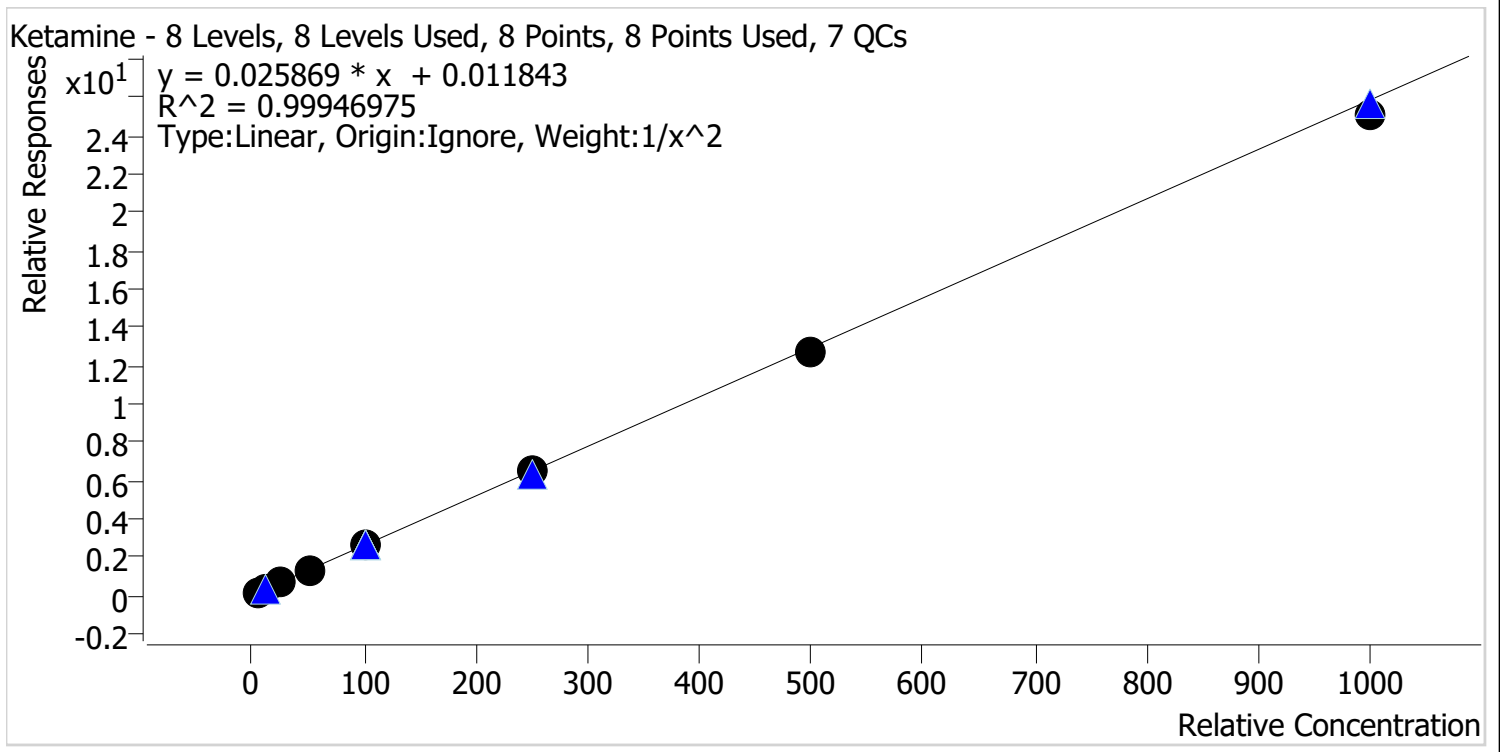
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
TS_p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
TS_p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
TS_p1 Cal 4-50ng	4	✓	50.0	49.8	99.5
TS_p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
TS_p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
TS_p1 Cal 7-500ng	7	✓	500.0	503.3	100.7
TS_p1 Cal 8-1000ng	8	✓	1000.0	1004.3	100.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



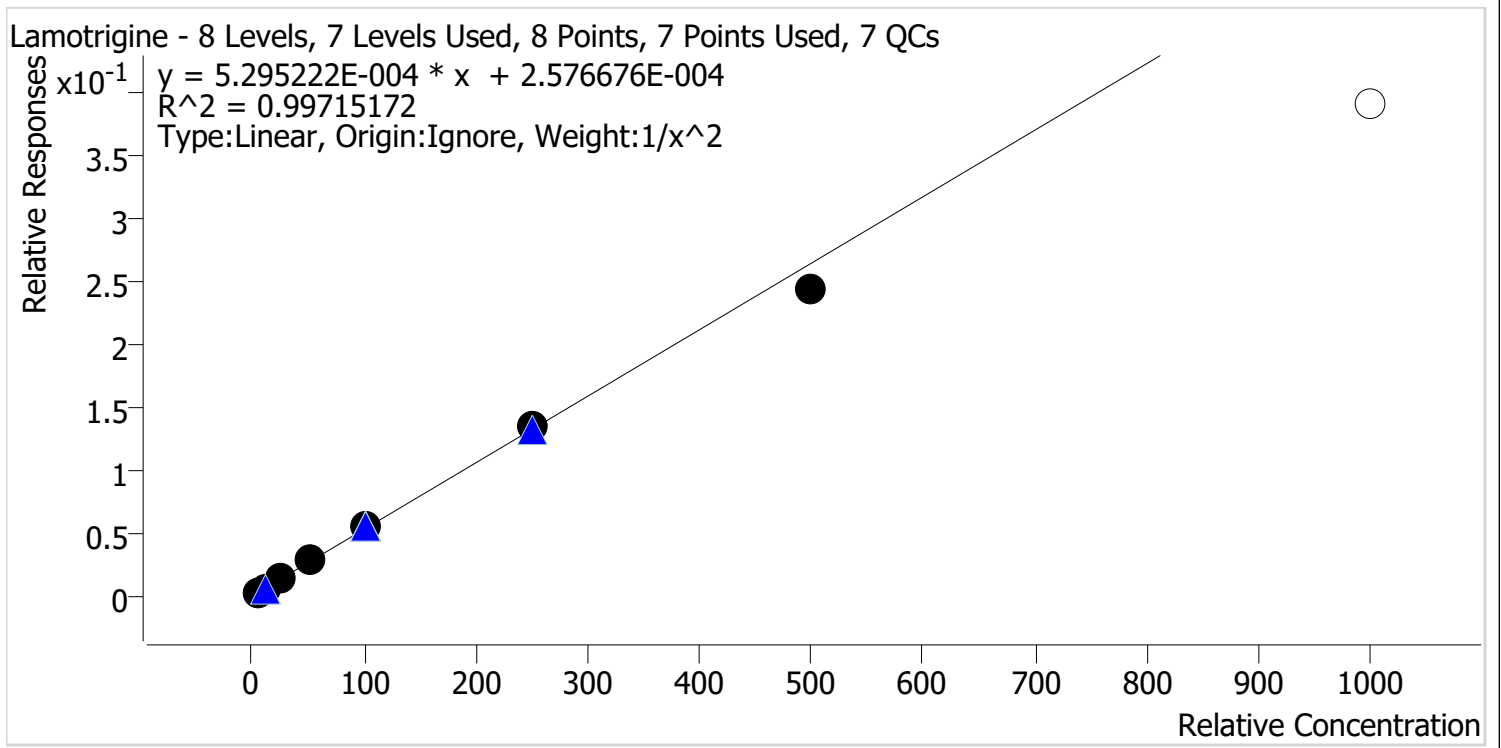
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
TS_p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
TS_p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
TS_p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
TS_p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
TS_p1 Cal 7-500ng	7	✓	500.0	493.8	98.8
TS_p1 Cal 8-1000ng	8	✓	1000.0	970.6	97.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datator
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



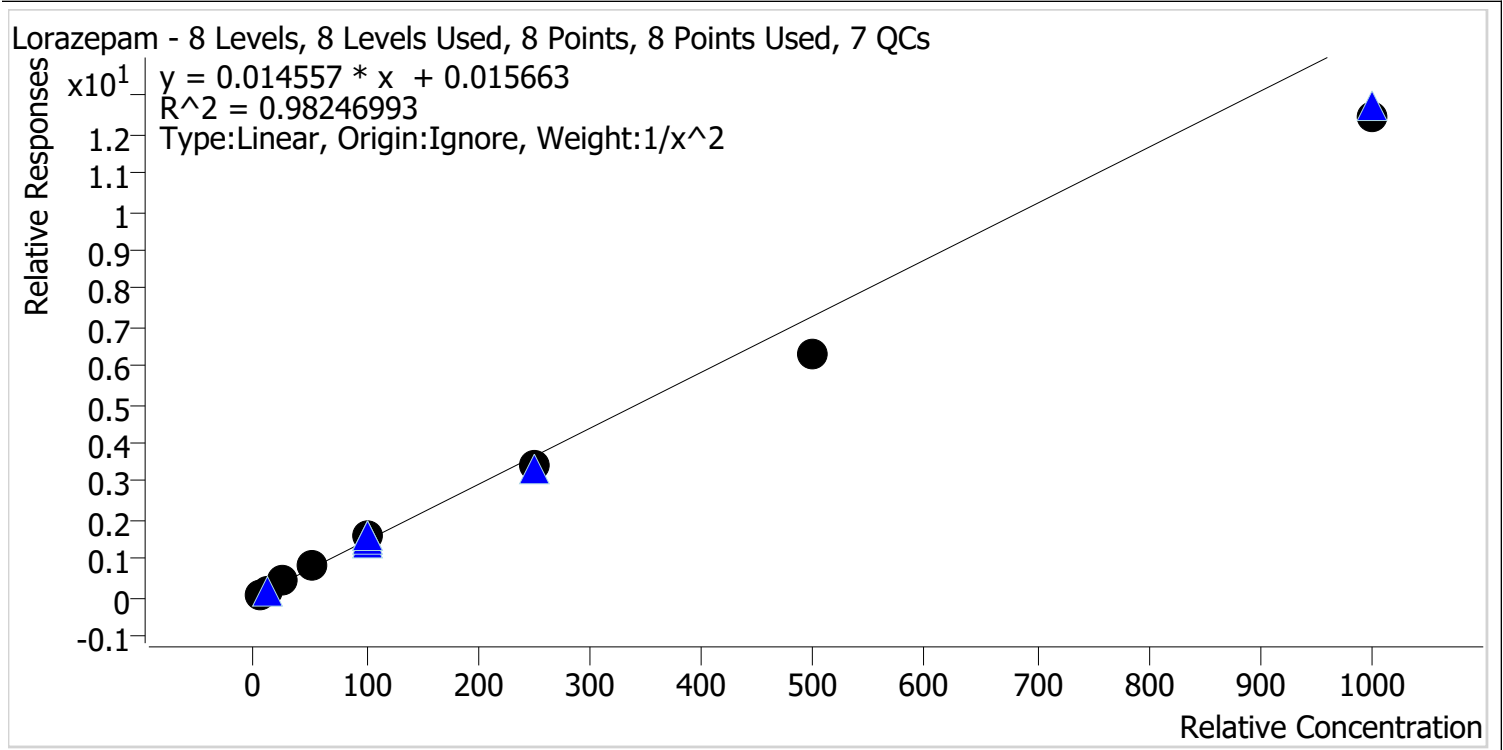
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
TS_p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
TS_p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
TS_p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
TS_p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
TS_p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
TS_p1 Cal 7-500ng	7	✓	500.0	460.0	92.0
TS_p1 Cal 8-1000ng	8	x	1000.0	739.0	73.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5



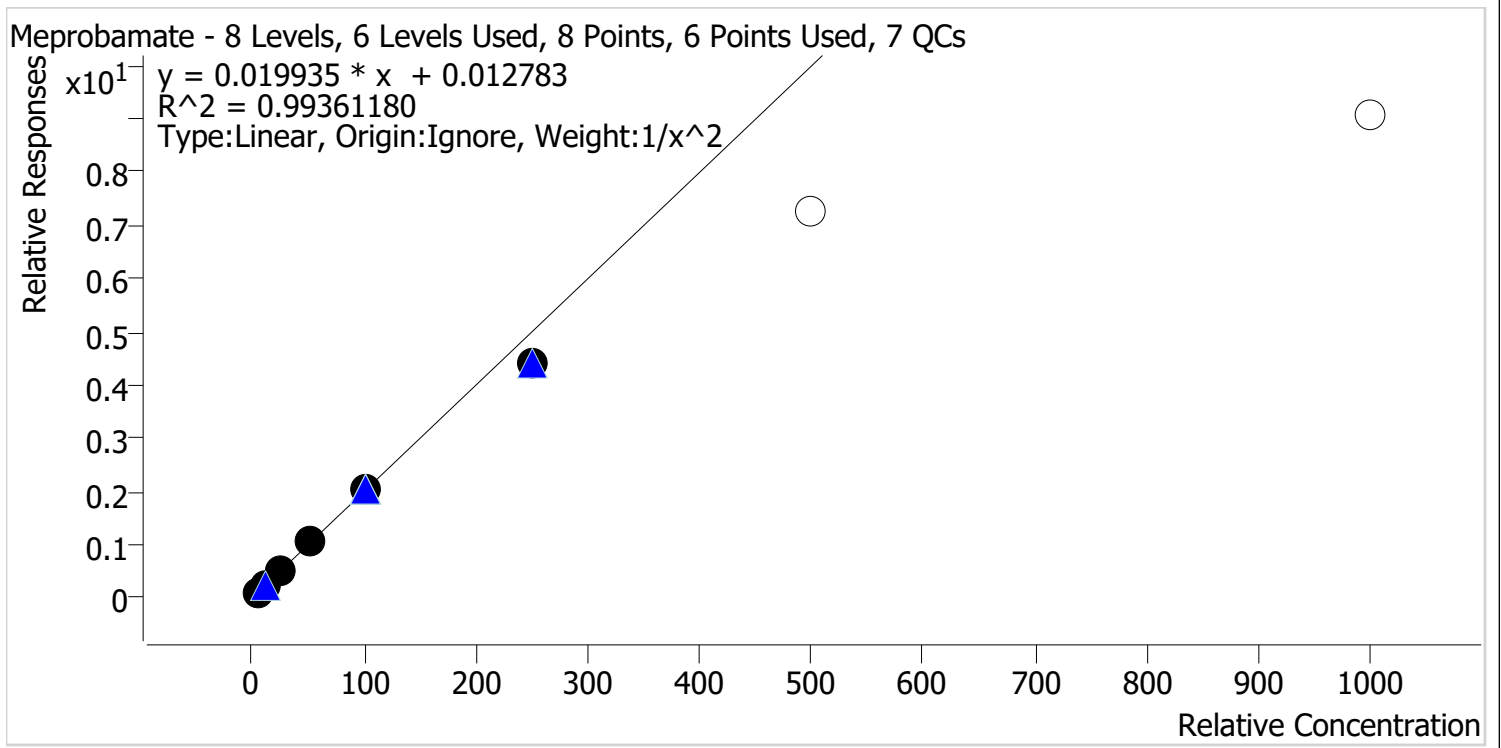
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.6	92.7
TS_p1 Cal 2-10ng	2	✓	10.0	10.7	107.0
TS_p1 Cal 3 -25ng	3	✓	25.0	28.1	112.3
TS_p1 Cal 4-50ng	4	✓	50.0	55.2	110.4
TS_p1 Cal 5-100ng	5	✓	100.0	112.1	112.1
TS_p1 Cal 6-250ng	6	✓	250.0	233.3	93.3
TS_p1 Cal 7-500ng	7	✓	500.0	433.3	86.7
TS_p1 Cal 8-1000ng	8	✓	1000.0	854.9	85.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



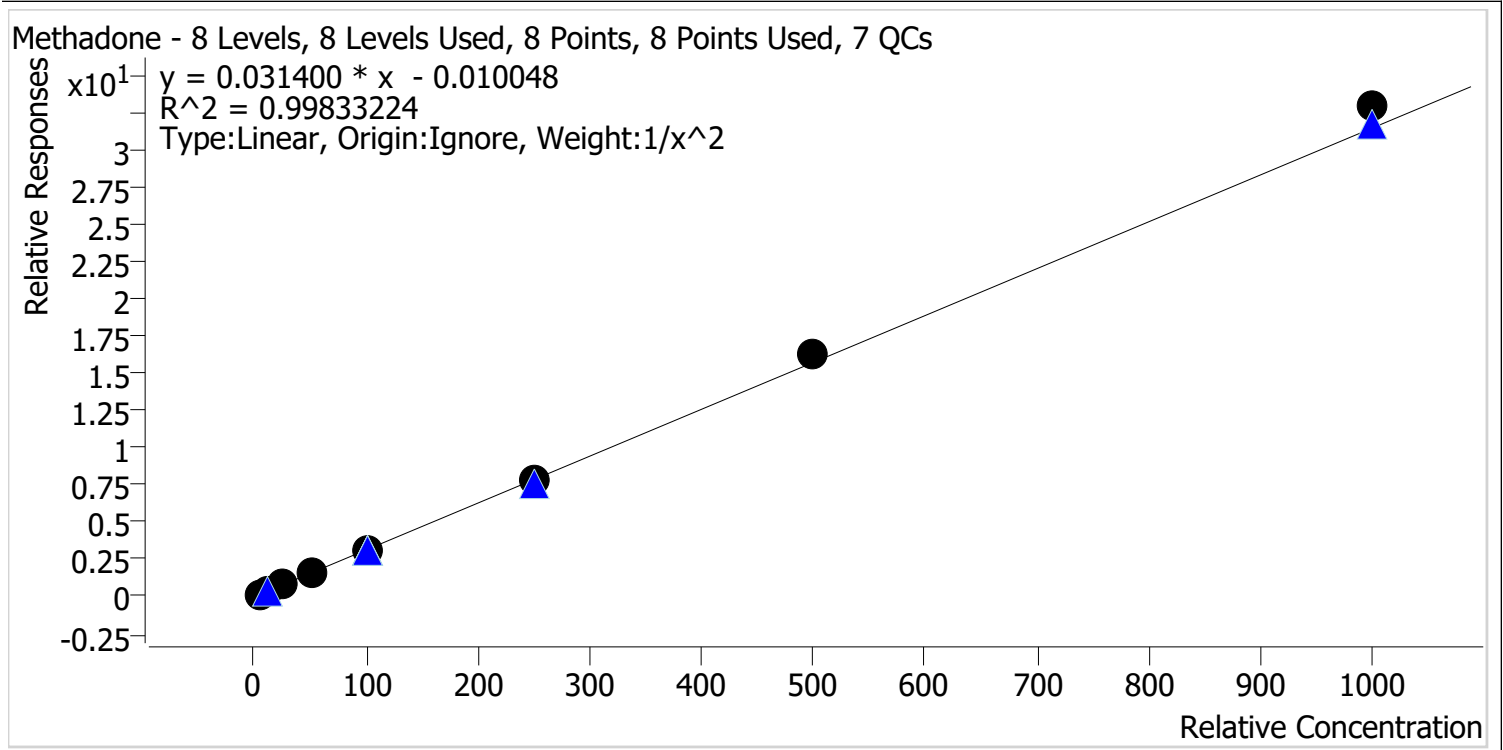
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
TS_p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
TS_p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
TS_p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
TS_p1 Cal 6-250ng	6	✓	250.0	221.5	88.6
TS_p1 Cal 7-500ng	7	✗	500.0	363.5	72.7
TS_p1 Cal 8-1000ng	8	✗	1000.0	454.4	45.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9



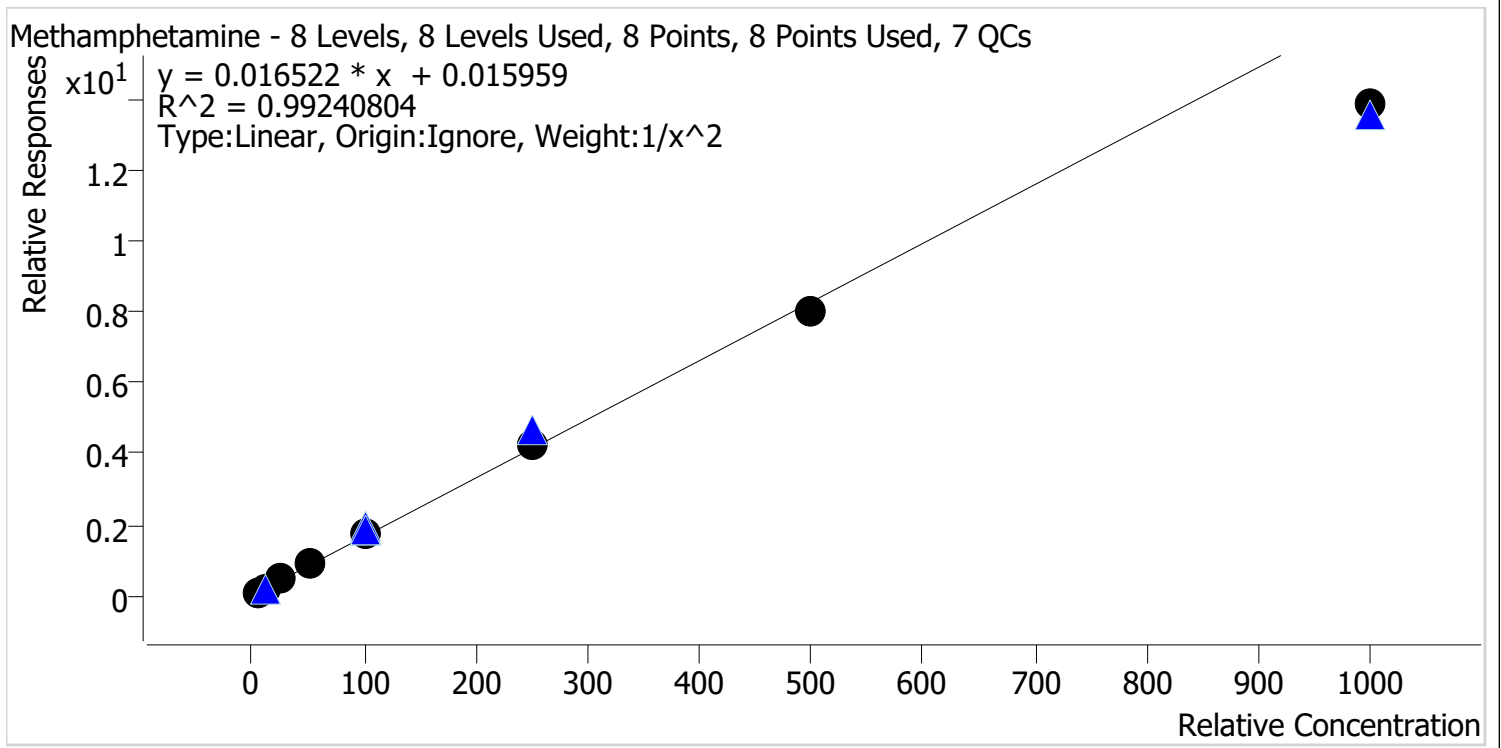
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
TS_p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
TS_p1 Cal 4-50ng	4	✓	50.0	47.4	94.8
TS_p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
TS_p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
TS_p1 Cal 7-500ng	7	✓	500.0	521.2	104.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	1046.6	104.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



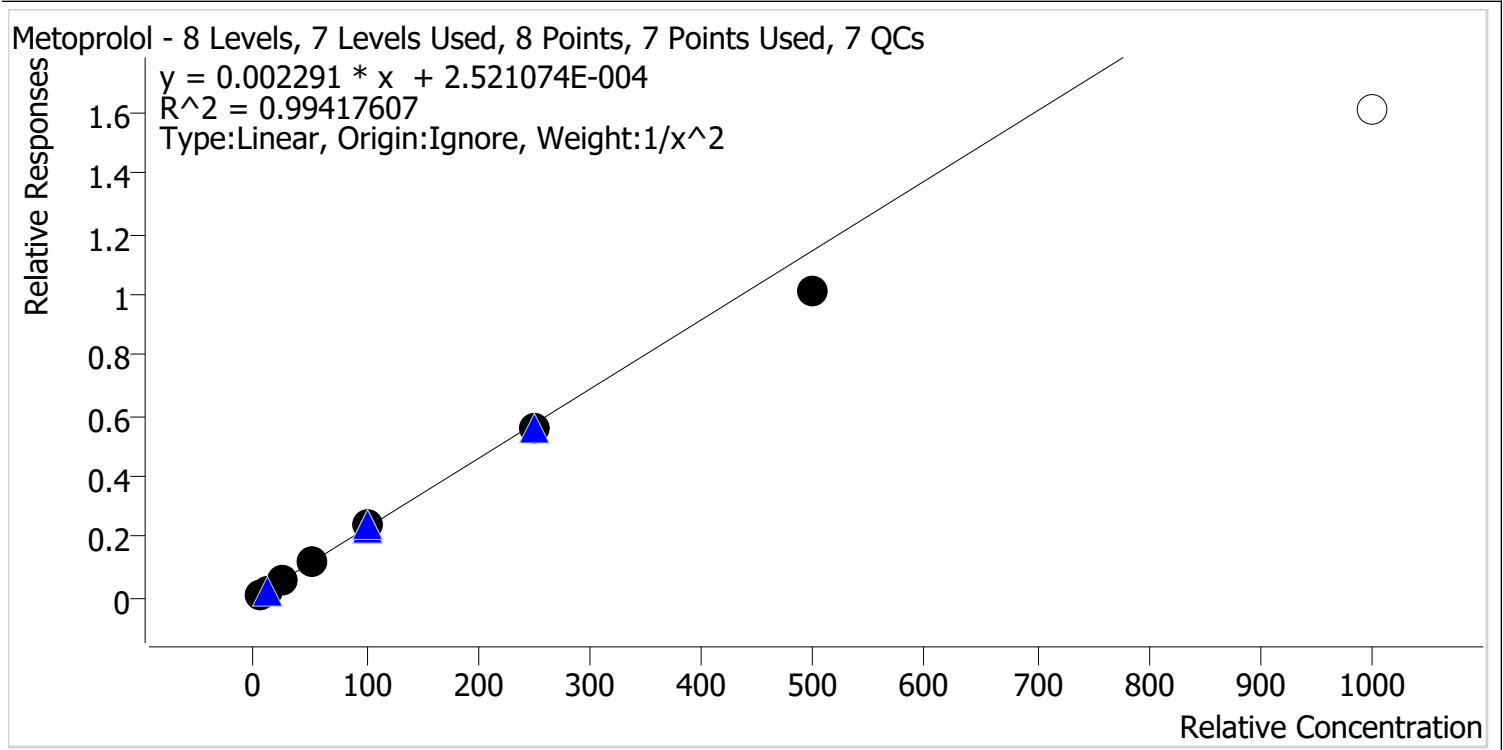
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
TS_p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
TS_p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
TS_p1 Cal 4-50ng	4	✓	50.0	53.7	107.5
TS_p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
TS_p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
TS_p1 Cal 7-500ng	7	✓	500.0	487.0	97.4
TS_p1 Cal 8-1000ng	8	✓	1000.0	837.0	83.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datator
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



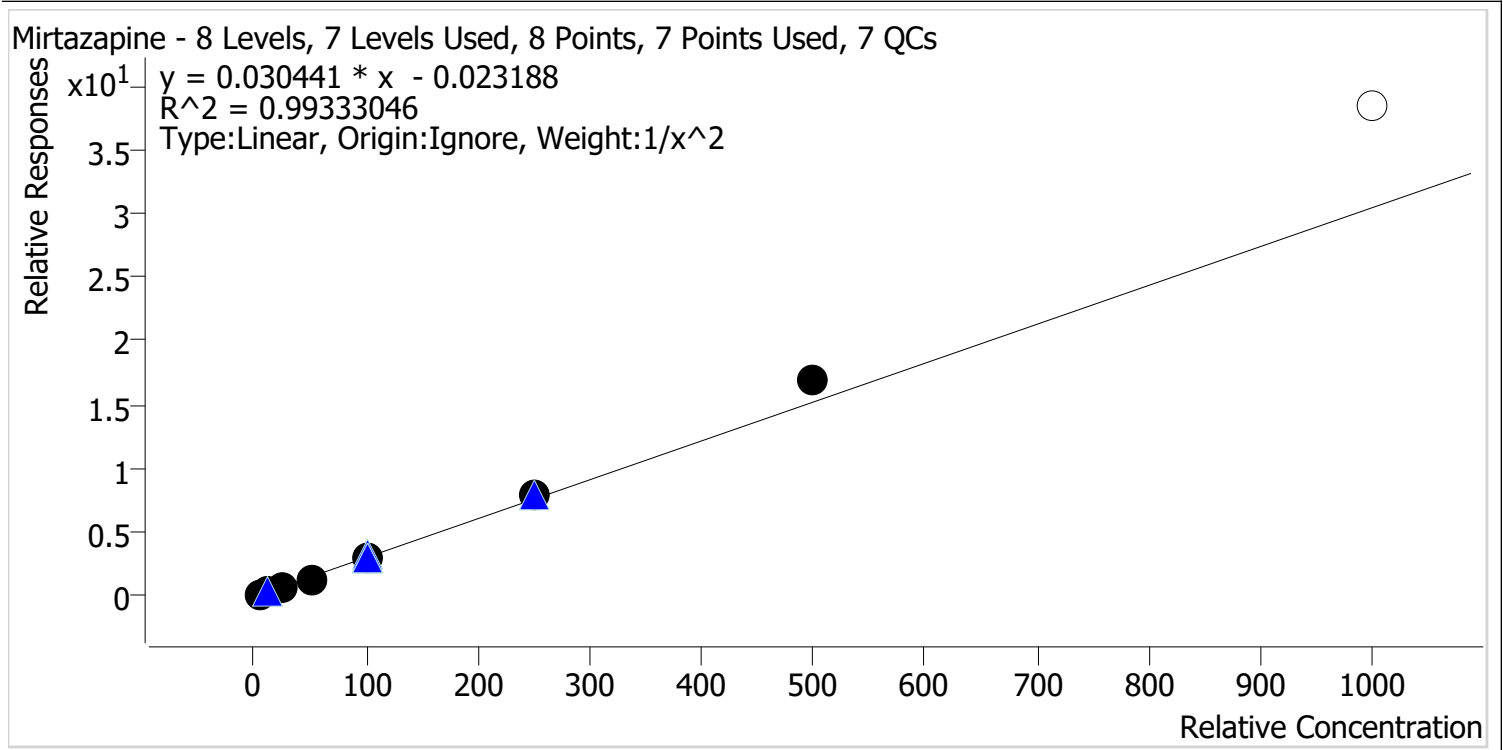
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
TS_p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
TS_p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
TS_p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
TS_p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
TS_p1 Cal 6-250ng	6	✓	250.0	242.3	96.9
TS_p1 Cal 7-500ng	7	✓	500.0	440.4	88.1
TS_p1 Cal 8-1000ng	8	✗	1000.0	704.8	70.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8



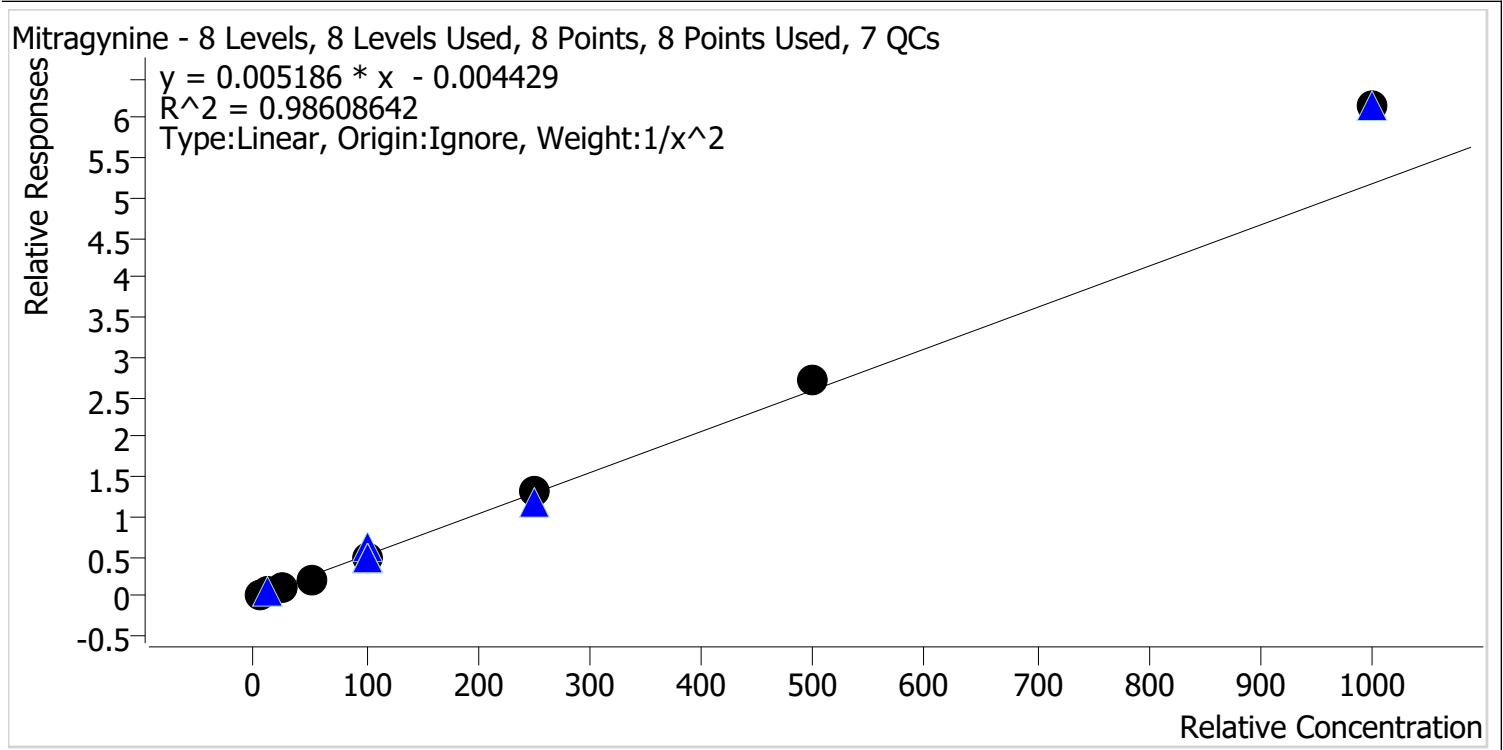
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	103.9
TS_p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
TS_p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
TS_p1 Cal 4-50ng	4	✓	50.0	46.3	92.6
TS_p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
TS_p1 Cal 6-250ng	6	✓	250.0	262.7	105.1
TS_p1 Cal 7-500ng	7	✓	500.0	556.6	111.3
TS_p1 Cal 8-1000ng	8	x	1000.0	1261.0	126.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



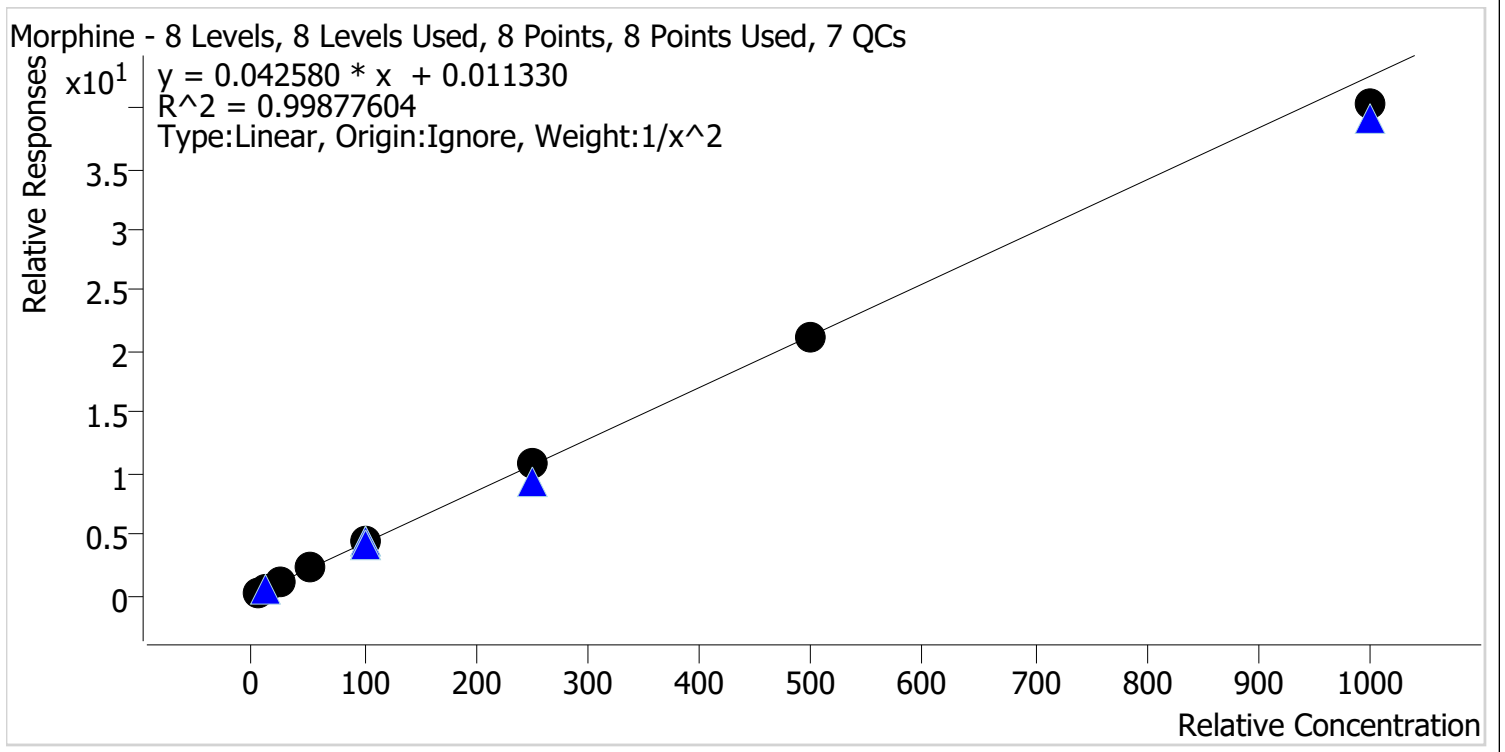
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.3	106.8
TS_p1 Cal 2-10ng	2	✓	10.0	9.3	92.8
TS_p1 Cal 3 -25ng	3	✓	25.0	22.5	90.0
TS_p1 Cal 4-50ng	4	✓	50.0	44.1	88.2
TS_p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
TS_p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
TS_p1 Cal 7-500ng	7	✓	500.0	525.7	105.1
TS_p1 Cal 8-1000ng	8	✓	1000.0	1187.6	118.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



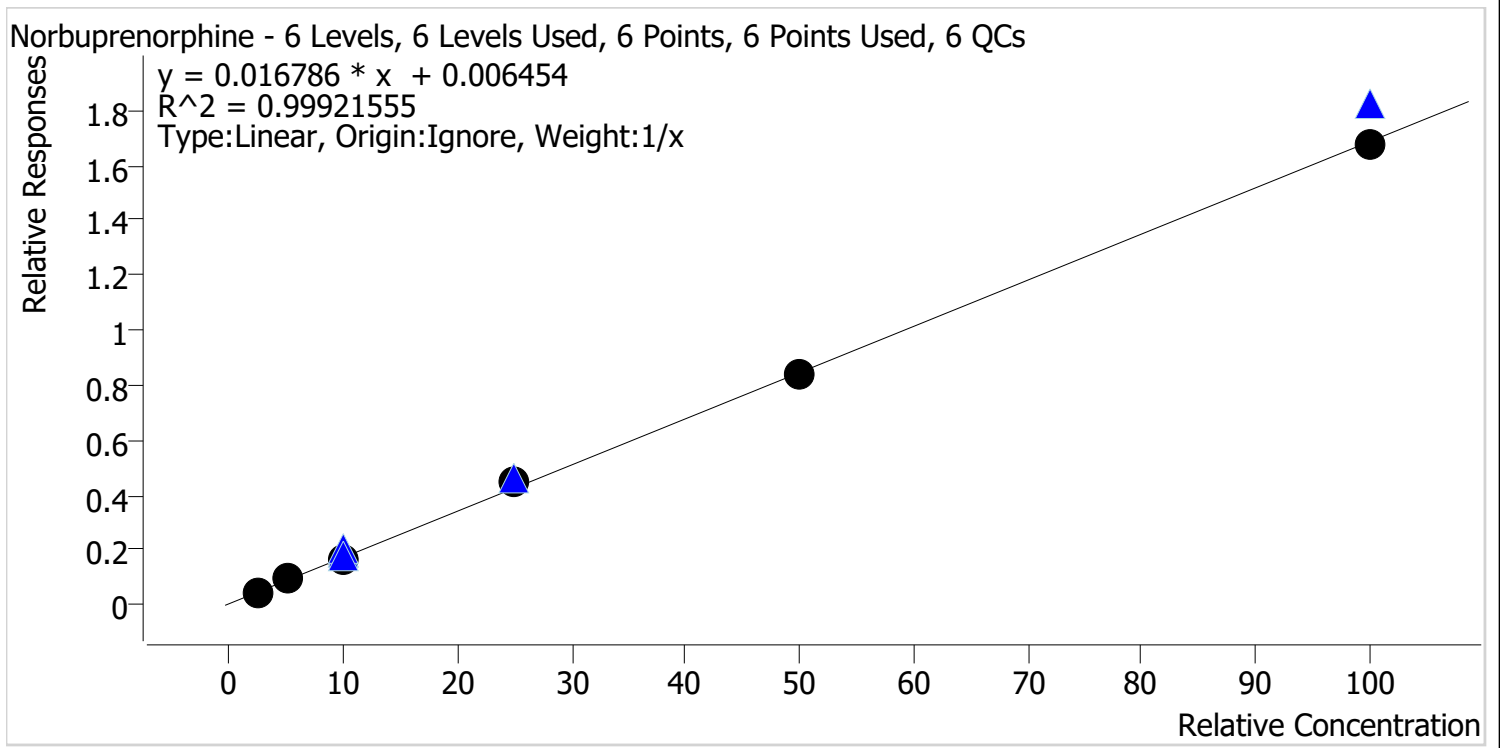
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
TS_p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
TS_p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
TS_p1 Cal 4-50ng	4	✓	50.0	51.1	102.3
TS_p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
TS_p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
TS_p1 Cal 7-500ng	7	✓	500.0	493.5	98.7
TS_p1 Cal 8-1000ng	8	✓	1000.0	945.9	94.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



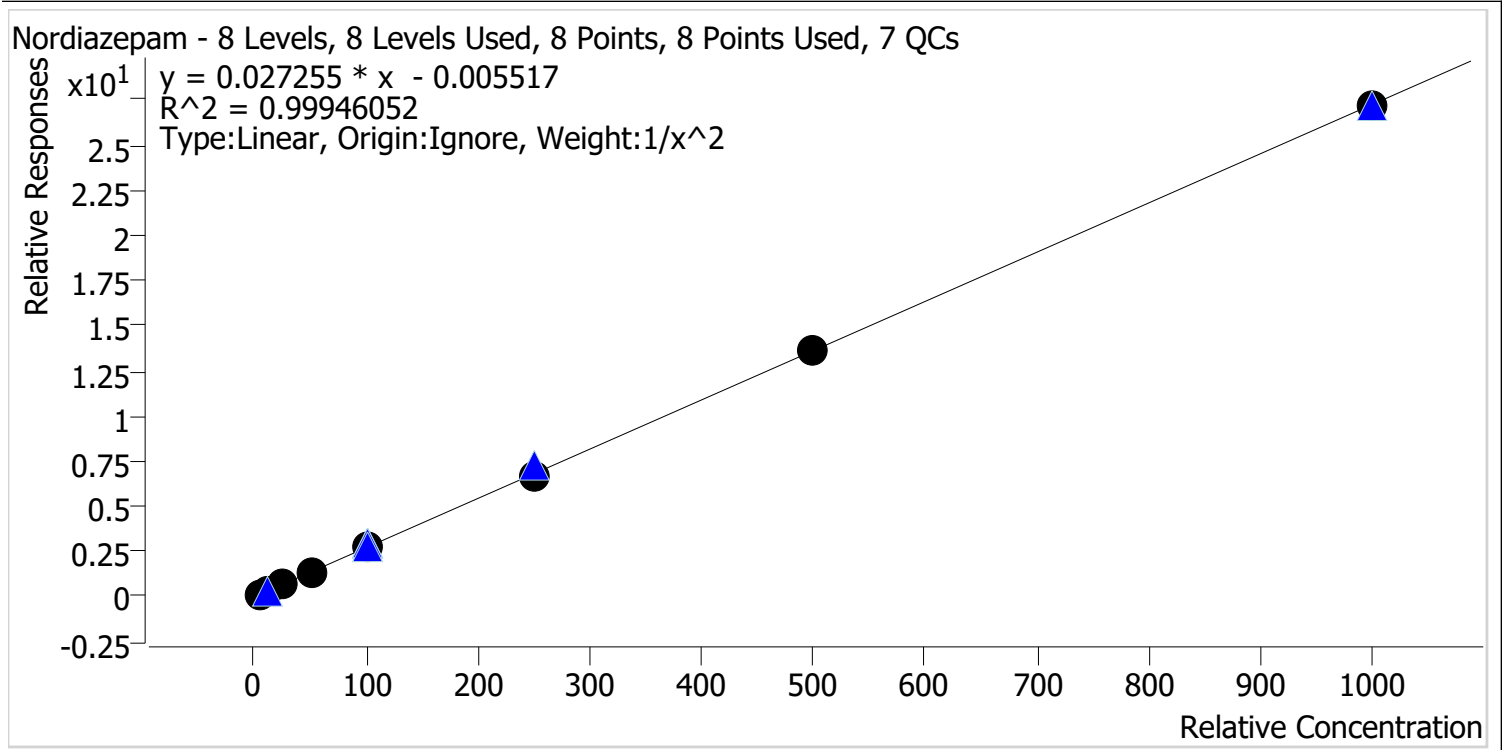
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 3 -25ng	3	✓	2.5	2.4	96.8
TS_p1 Cal 4-50ng	4	✓	5.0	5.2	103.4
TS_p1 Cal 5-100ng	5	✓	10.0	9.6	95.9
TS_p1 Cal 6-250ng	6	✓	25.0	26.4	105.6
TS_p1 Cal 7-500ng	7	✓	50.0	49.4	98.8
TS_p1 Cal 8-1000ng	8	✓	100.0	99.5	99.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



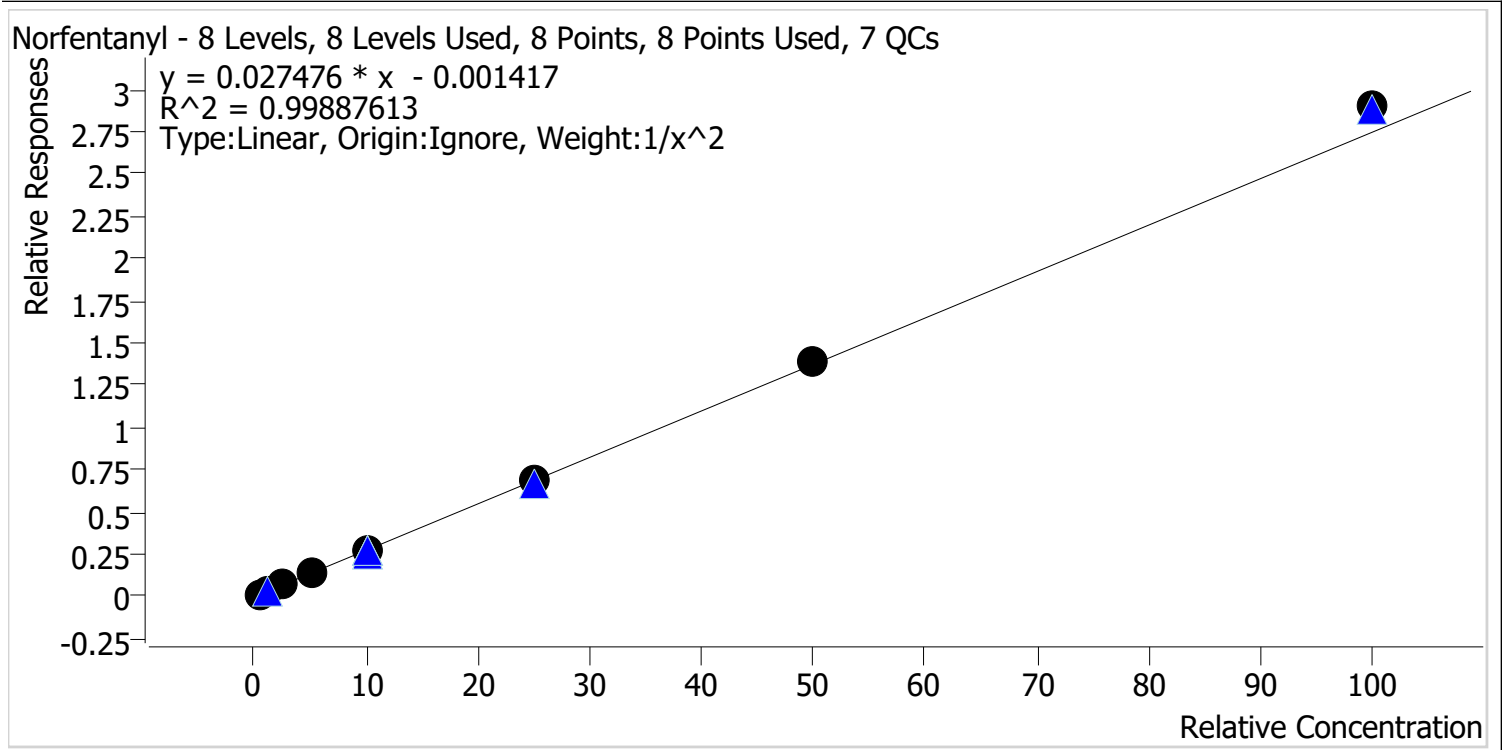
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
TS_p1 Cal 2-10ng	2	✓	10.0	9.5	95.5
TS_p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
TS_p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
TS_p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
TS_p1 Cal 6-250ng	6	✓	250.0	248.4	99.4
TS_p1 Cal 7-500ng	7	✓	500.0	503.3	100.7
TS_p1 Cal 8-1000ng	8	✓	1000.0	996.1	99.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



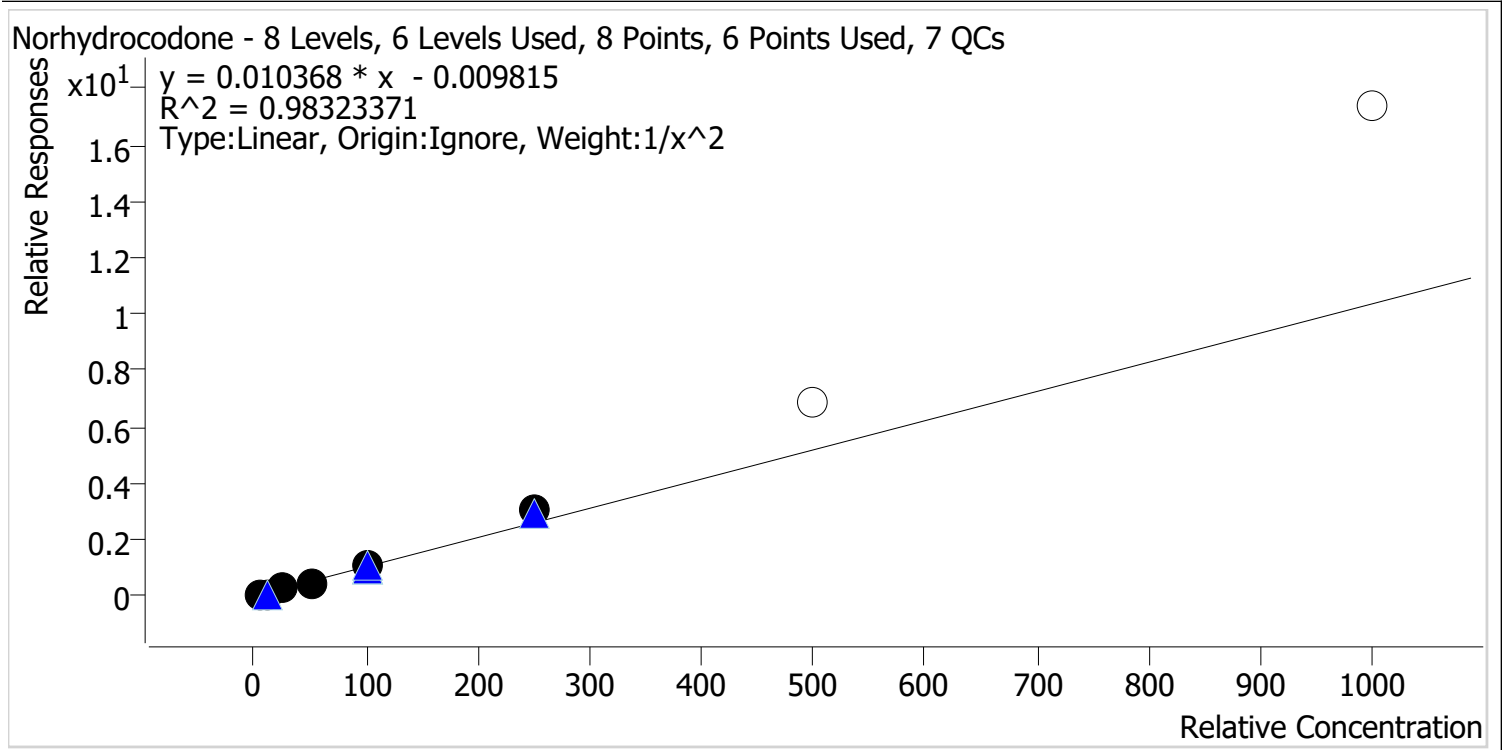
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	0.5	0.5	101.6
TS_p1 Cal 2-10ng	2	✓	1.0	1.0	98.7
TS_p1 Cal 3 -25ng	3	✓	2.5	2.4	96.8
TS_p1 Cal 4-50ng	4	✓	5.0	4.9	97.5
TS_p1 Cal 5-100ng	5	✓	10.0	9.8	98.1
TS_p1 Cal 6-250ng	6	✓	25.0	25.0	99.8
TS_p1 Cal 7-500ng	7	✓	50.0	51.0	101.9
TS_p1 Cal 8-1000ng	8	✓	100.0	105.6	105.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



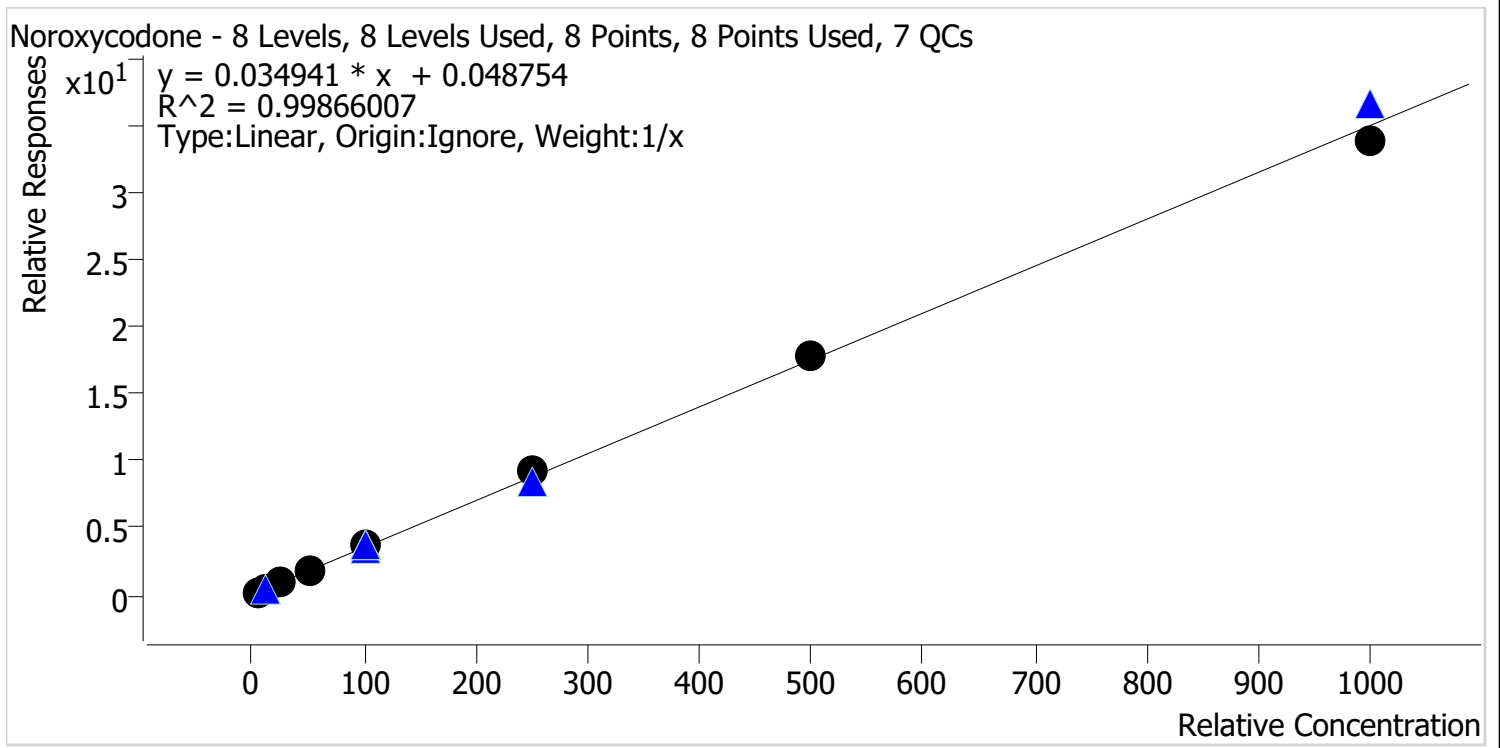
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.3	105.4
TS_p1 Cal 2-10ng	2	✓	10.0	9.4	94.4
TS_p1 Cal 3 -25ng	3	✓	25.0	22.3	89.0
TS_p1 Cal 4-50ng	4	✓	50.0	45.8	91.7
TS_p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
TS_p1 Cal 6-250ng	6	✓	250.0	294.2	117.7
TS_p1 Cal 7-500ng	7	x	500.0	663.9	132.8
TS_p1 Cal 8-1000ng	8	x	1000.0	1676.6	167.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



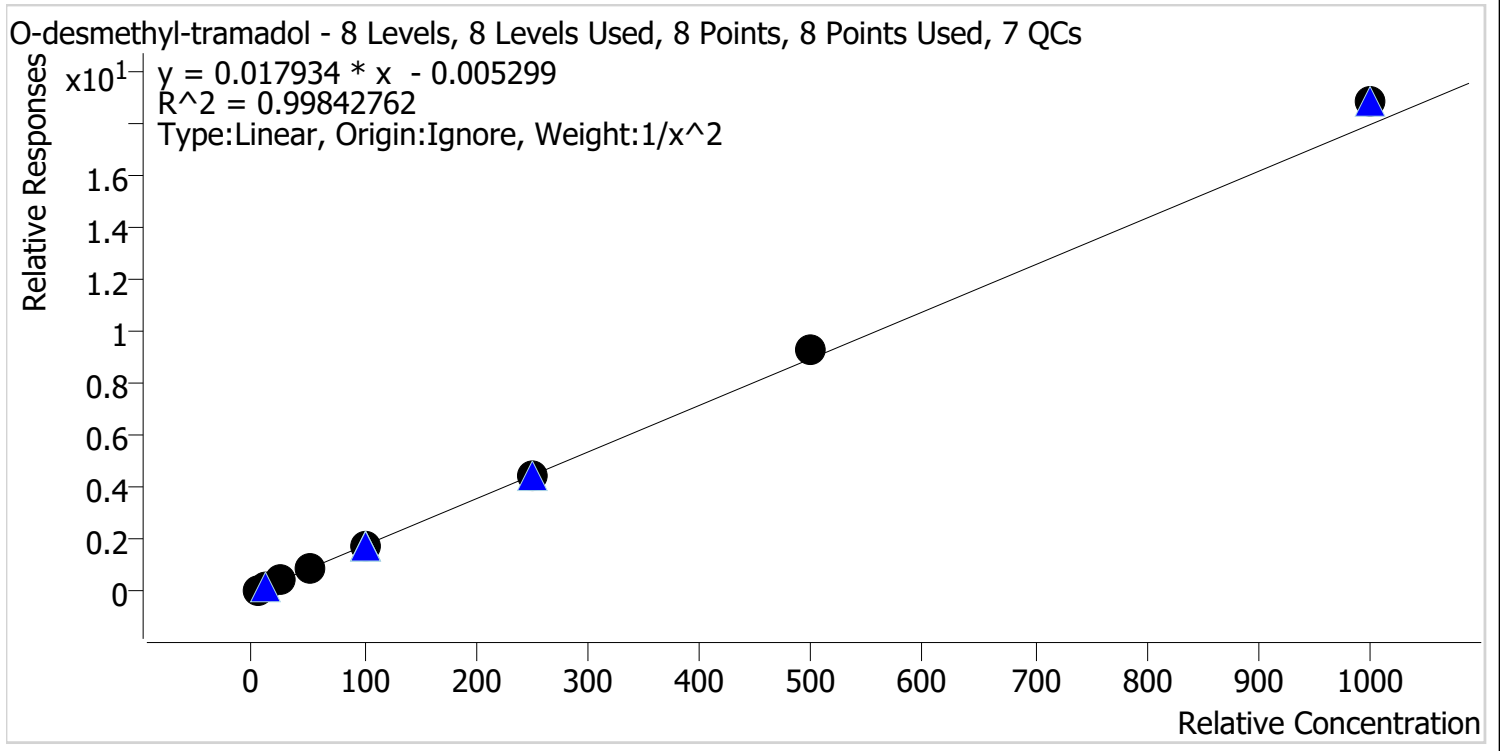
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.2	83.3
TS_p1 Cal 2-10ng	2	✓	10.0	9.5	95.5
TS_p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
TS_p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
TS_p1 Cal 5-100ng	5	✓	100.0	108.0	108.0
TS_p1 Cal 6-250ng	6	✓	250.0	260.6	104.2
TS_p1 Cal 7-500ng	7	✓	500.0	507.8	101.6
TS_p1 Cal 8-1000ng	8	✓	1000.0	971.3	97.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datator
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



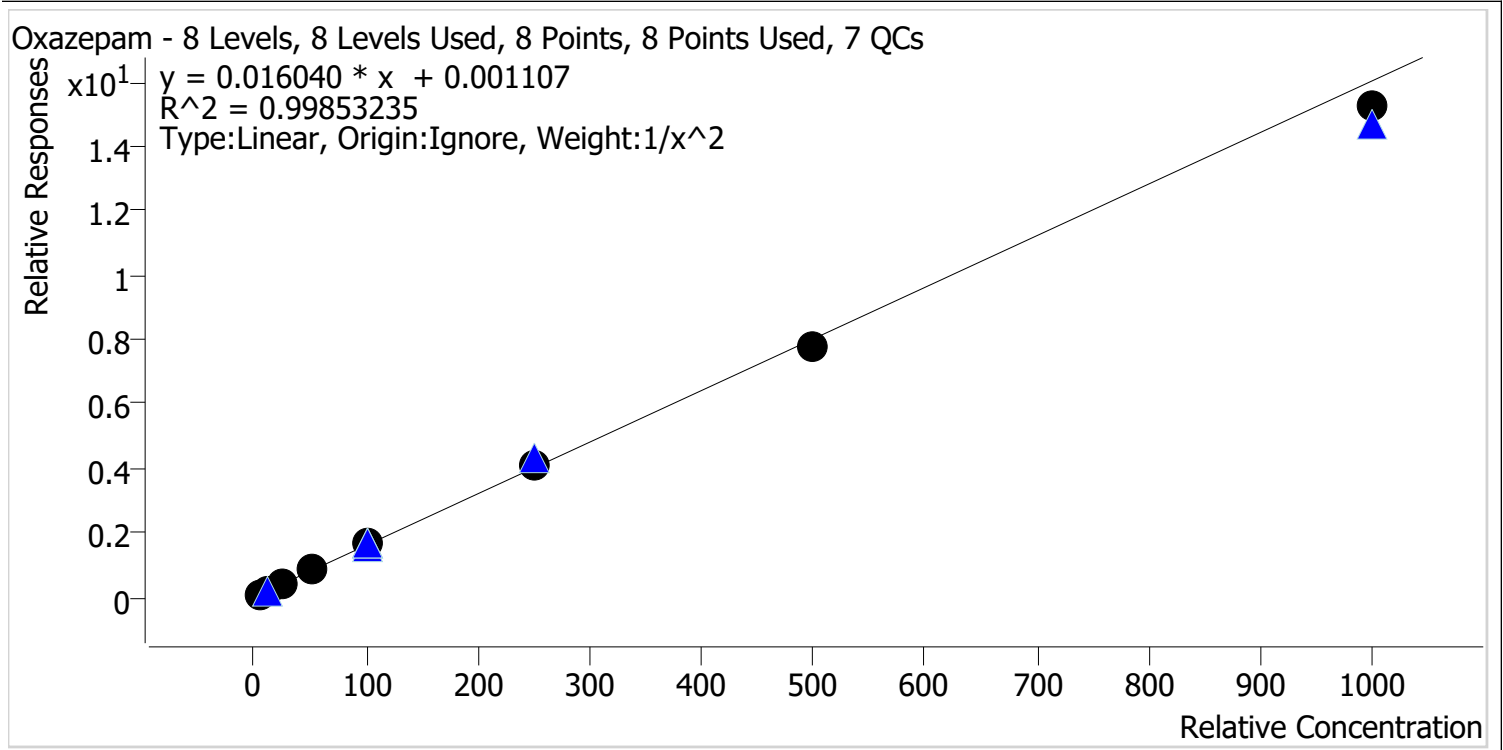
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
TS_p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
TS_p1 Cal 4-50ng	4	✓	50.0	48.3	96.5
TS_p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
TS_p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
TS_p1 Cal 7-500ng	7	✓	500.0	521.0	104.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	1048.5	104.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



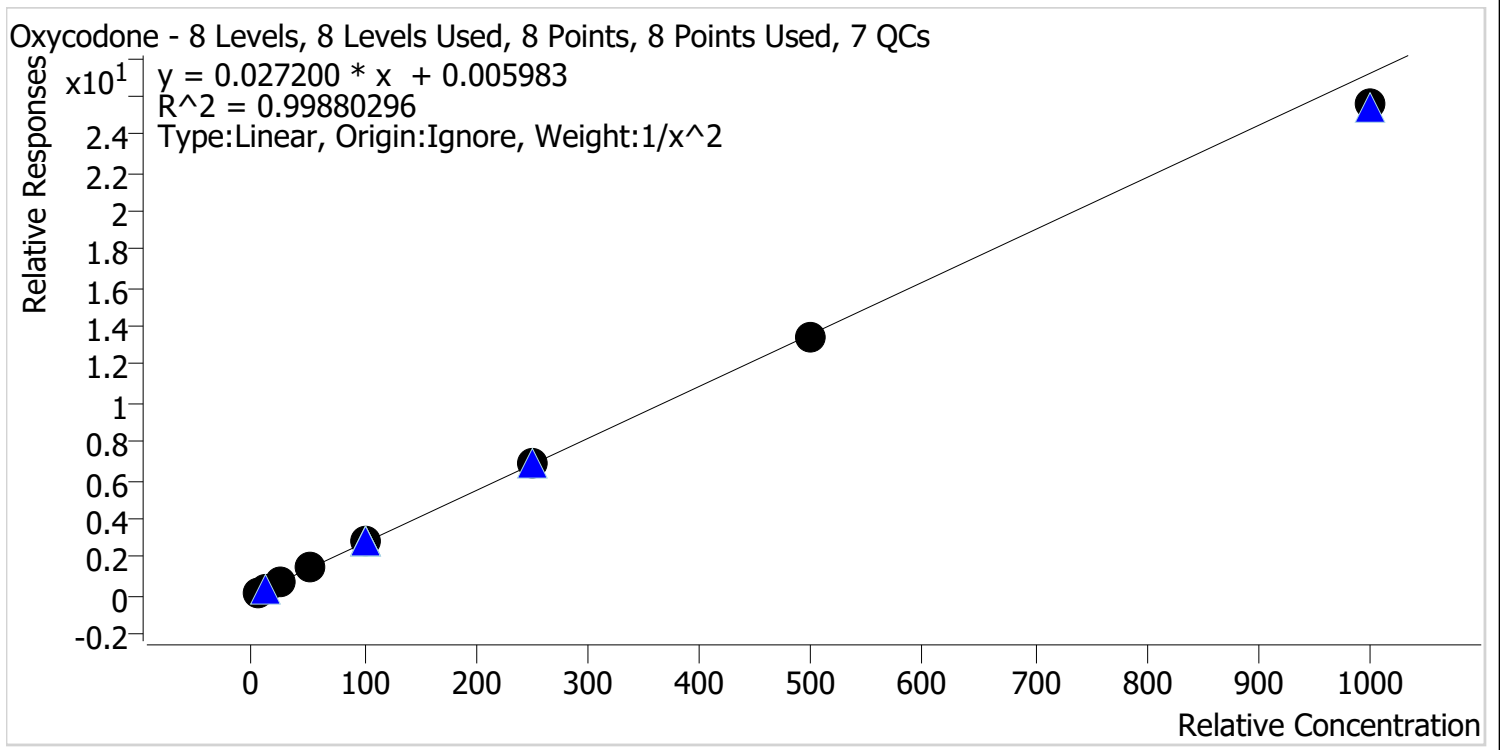
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
TS_p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
TS_p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
TS_p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
TS_p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
TS_p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
TS_p1 Cal 7-500ng	7	✓	500.0	481.8	96.4
TS_p1 Cal 8-1000ng	8	✓	1000.0	950.8	95.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



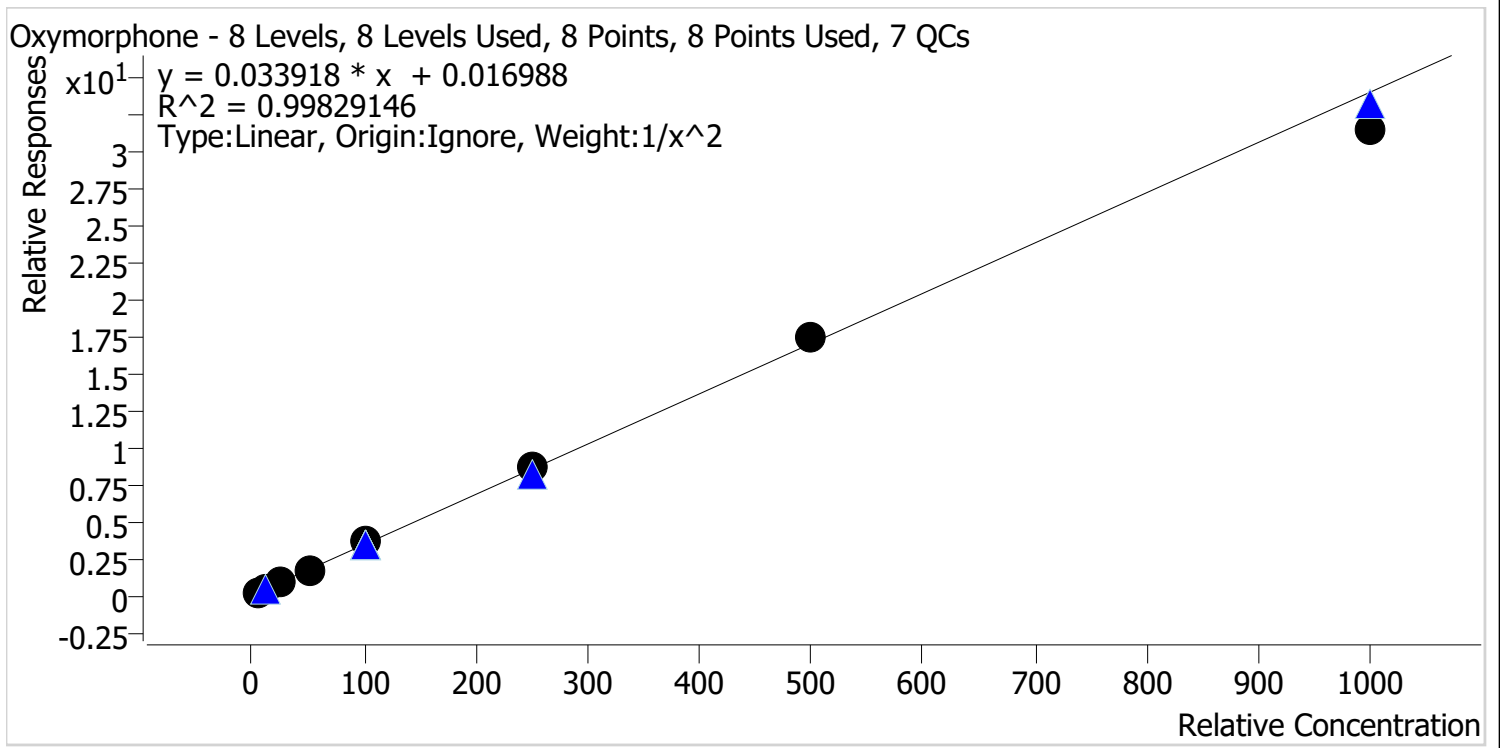
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
TS_p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
TS_p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
TS_p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
TS_p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
TS_p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
TS_p1 Cal 7-500ng	7	✓	500.0	492.0	98.4
TS_p1 Cal 8-1000ng	8	✓	1000.0	940.6	94.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



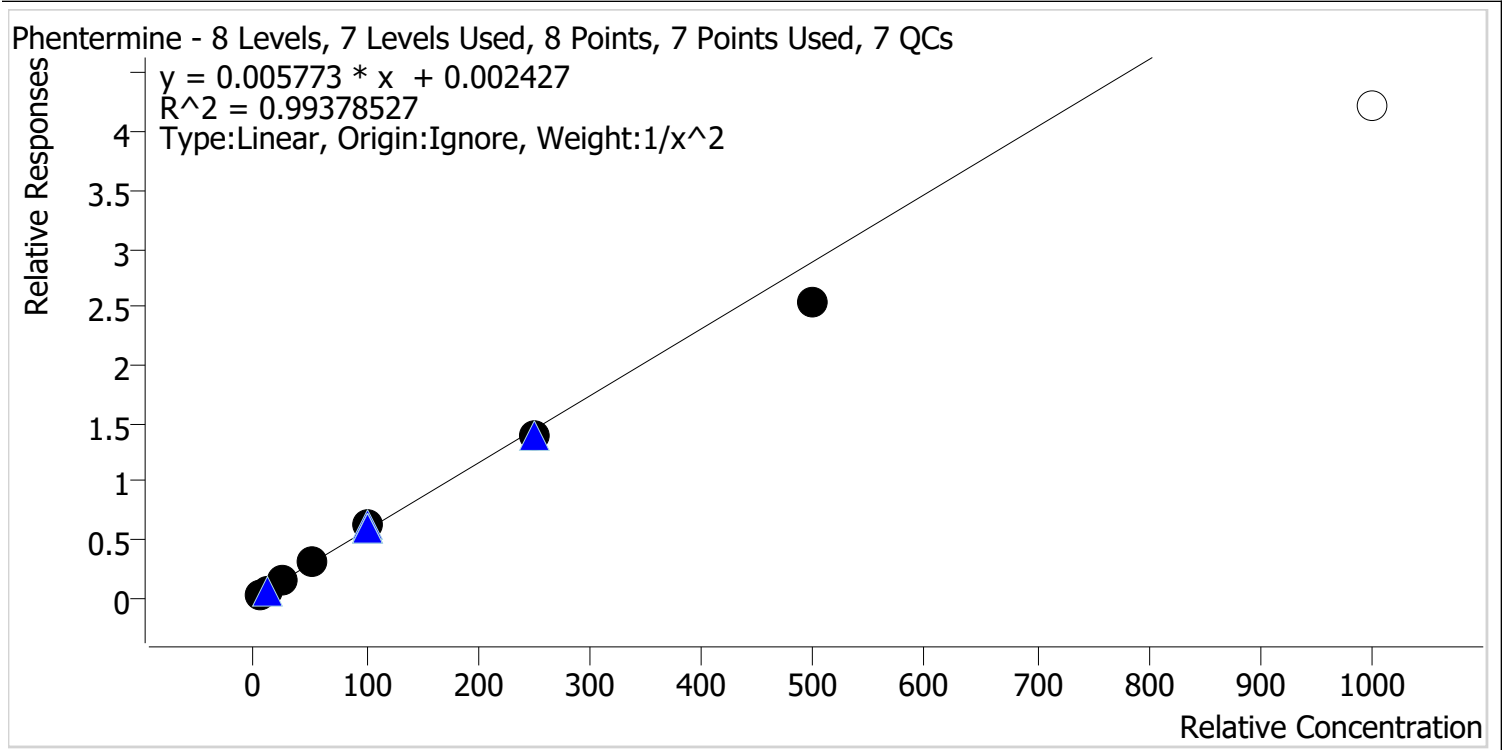
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
TS_p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
TS_p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
TS_p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
TS_p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
TS_p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
TS_p1 Cal 7-500ng	7	✓	500.0	516.0	103.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	924.5	92.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



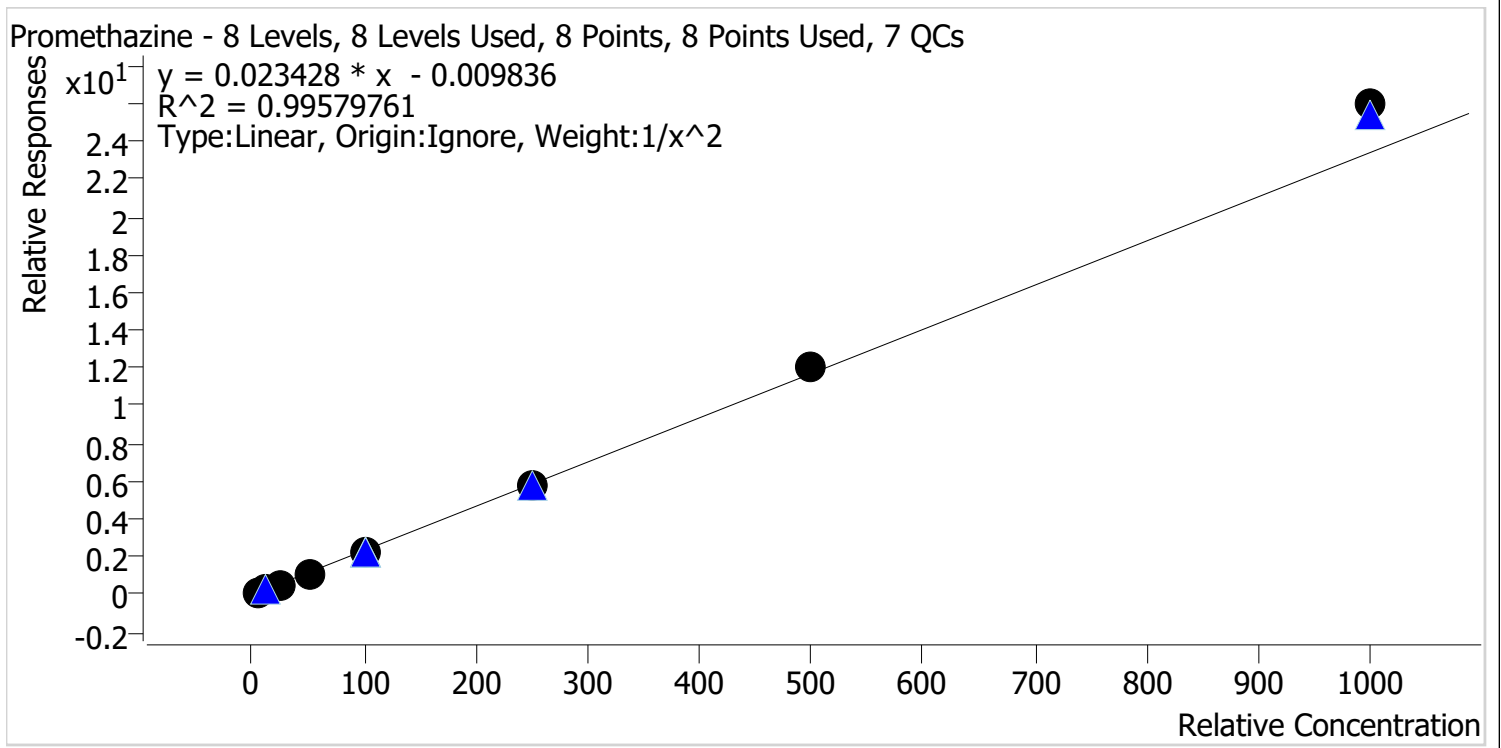
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
TS_p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
TS_p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
TS_p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
TS_p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
TS_p1 Cal 6-250ng	6	✓	250.0	239.1	95.6
TS_p1 Cal 7-500ng	7	✓	500.0	440.7	88.1
TS_p1 Cal 8-1000ng	8	x	1000.0	730.8	73.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



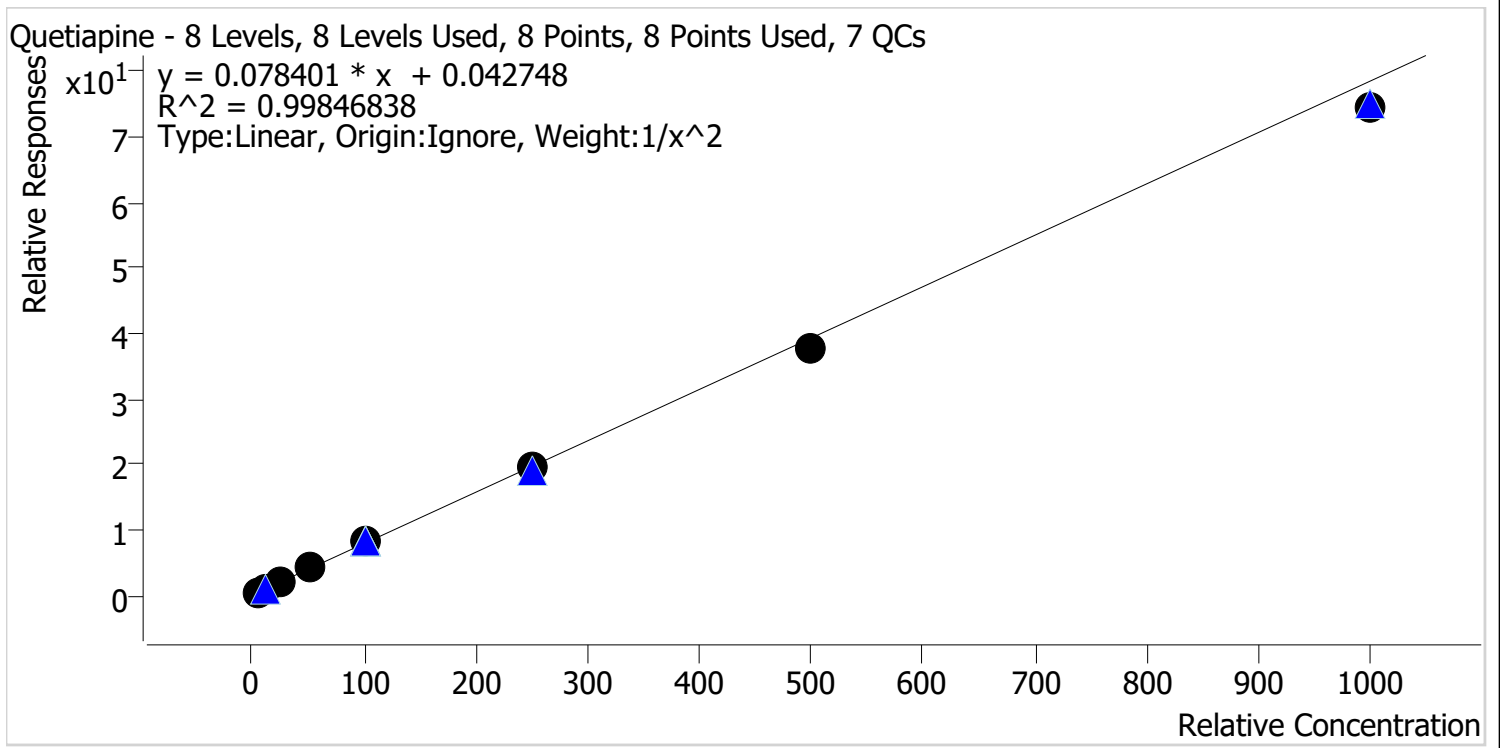
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	103.7
TS_p1 Cal 2-10ng	2	✓	10.0	9.6	95.8
TS_p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
TS_p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
TS_p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
TS_p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
TS_p1 Cal 7-500ng	7	✓	500.0	516.3	103.3
TS_p1 Cal 8-1000ng	8	✓	1000.0	1109.2	110.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



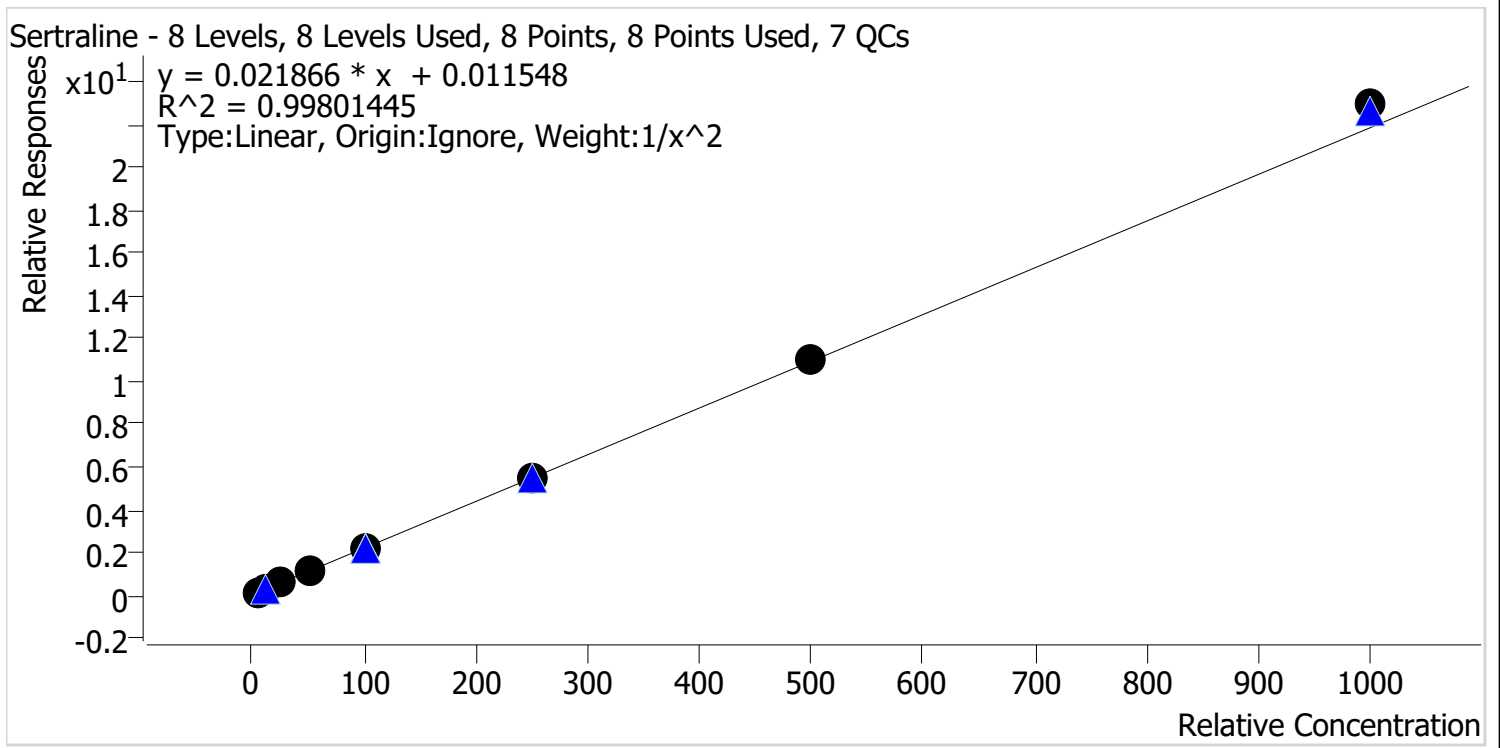
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
TS_p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
TS_p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
TS_p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
TS_p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
TS_p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
TS_p1 Cal 7-500ng	7	✓	500.0	478.5	95.7
TS_p1 Cal 8-1000ng	8	✓	1000.0	952.4	95.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



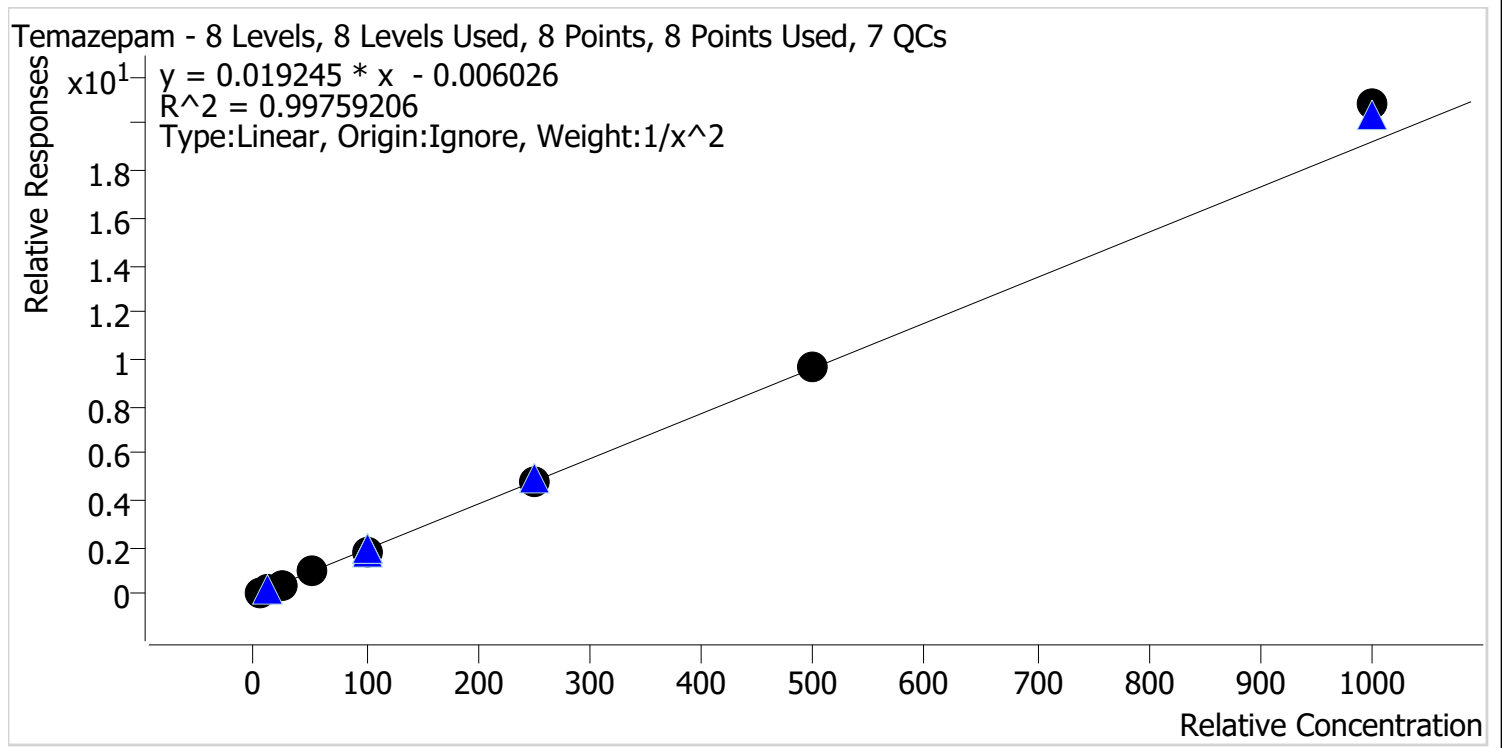
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
TS_p1 Cal 2-10ng	2	✓	10.0	9.3	92.8
TS_p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
TS_p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
TS_p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
TS_p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
TS_p1 Cal 7-500ng	7	✓	500.0	505.1	101.0
TS_p1 Cal 8-1000ng	8	✓	1000.0	1050.2	105.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



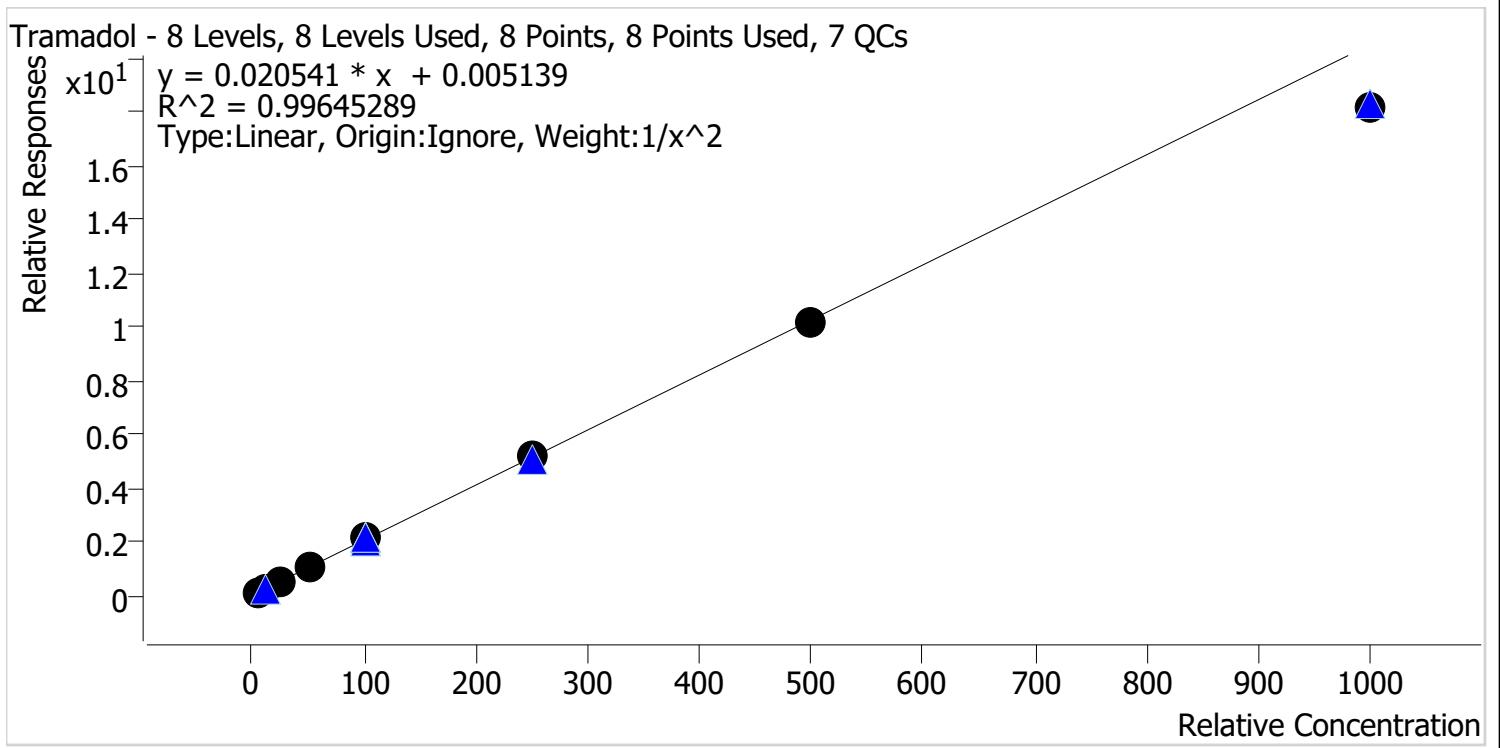
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
TS_p1 Cal 2-10ng	2	✓	10.0	9.6	96.5
TS_p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
TS_p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
TS_p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
TS_p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
TS_p1 Cal 7-500ng	7	✓	500.0	504.3	100.9
TS_p1 Cal 8-1000ng	8	✓	1000.0	1082.8	108.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datator
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



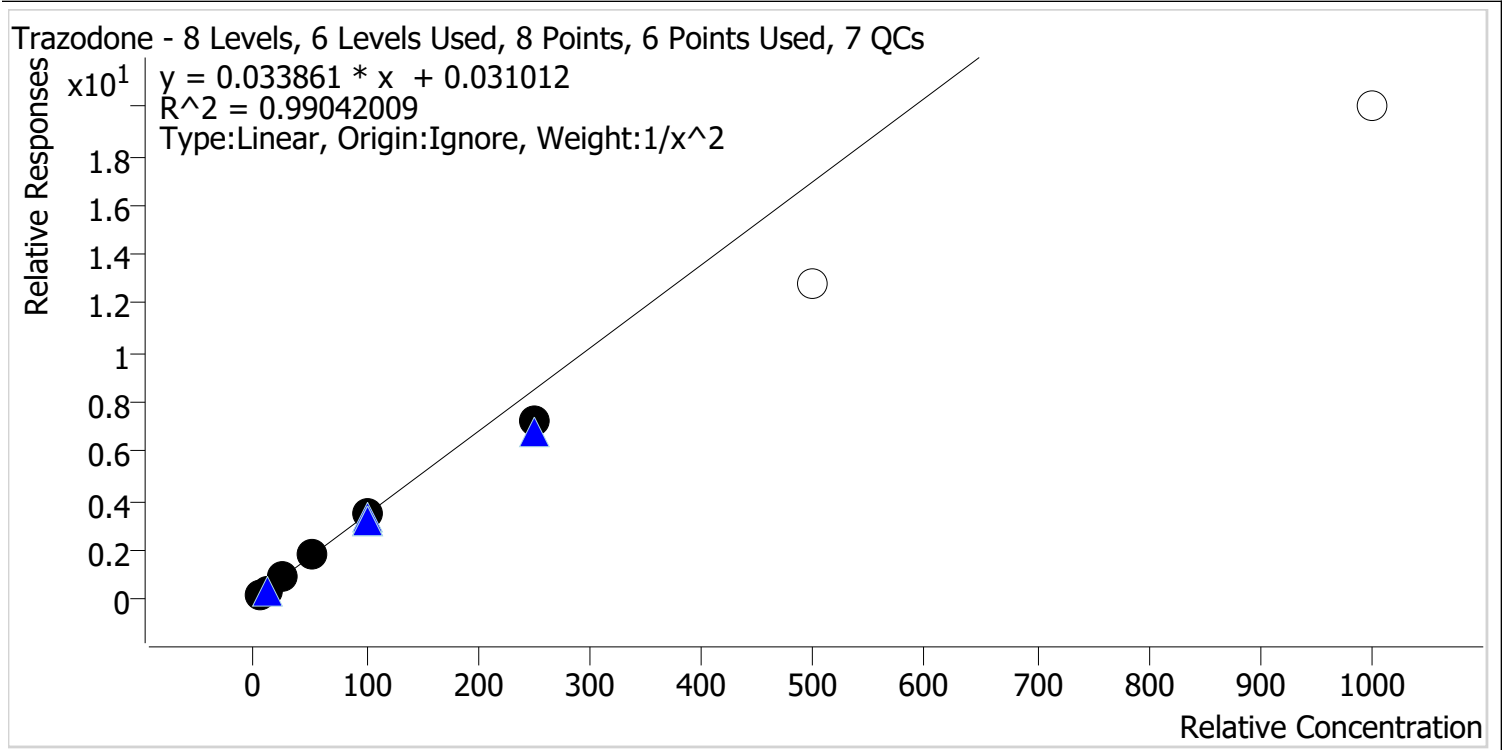
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
TS_p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
TS_p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
TS_p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
TS_p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
TS_p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
TS_p1 Cal 7-500ng	7	✓	500.0	492.6	98.5
TS_p1 Cal 8-1000ng	8	✓	1000.0	889.5	88.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datator
Analyte Trazodone **Internal Standard** Trazodone-D6



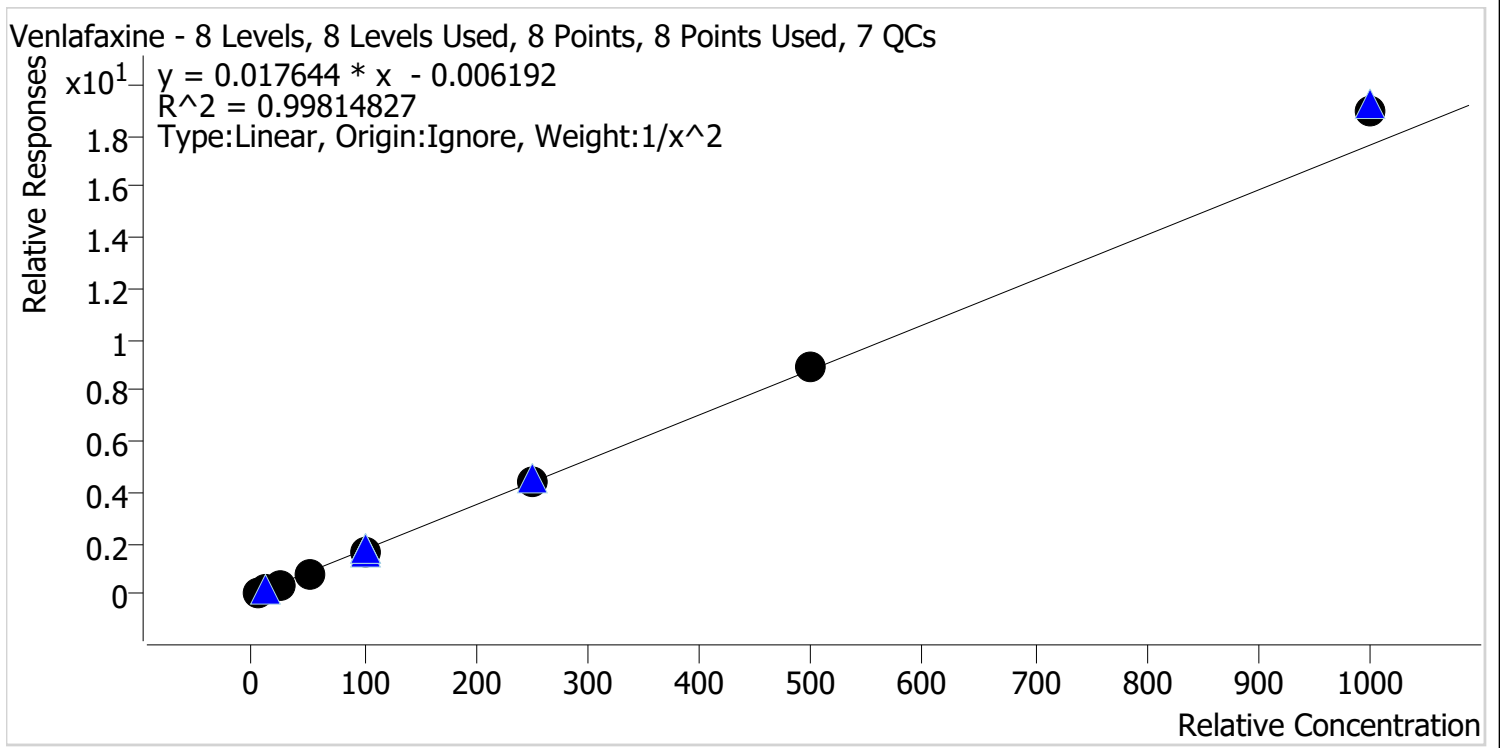
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
TS_p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
TS_p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
TS_p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
TS_p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
TS_p1 Cal 6-250ng	6	✓	250.0	212.9	85.2
TS_p1 Cal 7-500ng	7	✗	500.0	377.2	75.4
TS_p1 Cal 8-1000ng	8	✗	1000.0	590.0	59.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



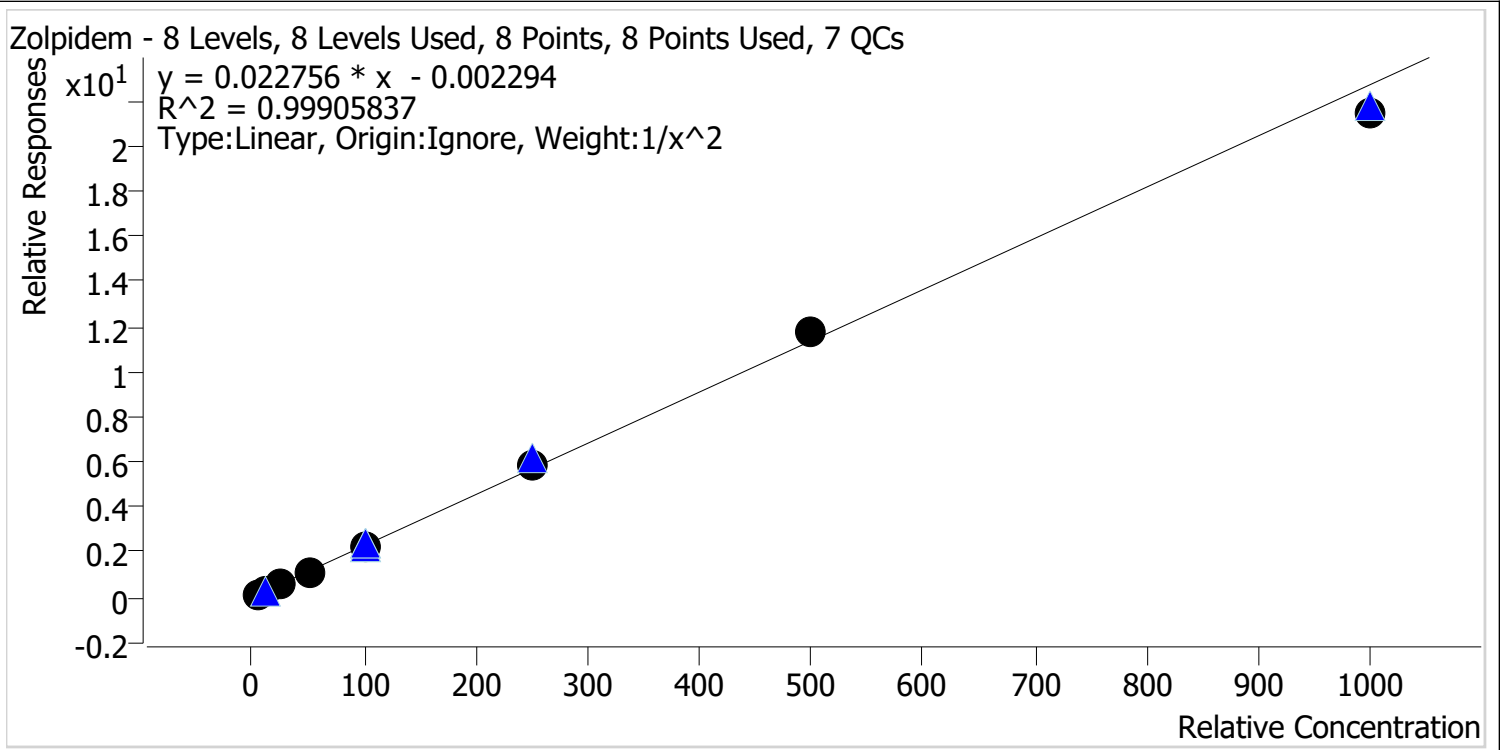
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
TS_p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
TS_p1 Cal 3 -25ng	3	✓	25.0	24.3	97.0
TS_p1 Cal 4-50ng	4	✓	50.0	48.2	96.5
TS_p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
TS_p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
TS_p1 Cal 7-500ng	7	✓	500.0	510.4	102.1
TS_p1 Cal 8-1000ng	8	✓	1000.0	1071.8	107.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Last Cal. Update 8/18/2023 9:01 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
TS_p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
TS_p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
TS_p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
TS_p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
TS_p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
TS_p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
TS_p1 Cal 7-500ng	7	✓	500.0	515.8	103.2
TS_p1 Cal 8-1000ng	8	✓	1000.0	946.2	94.6

TS



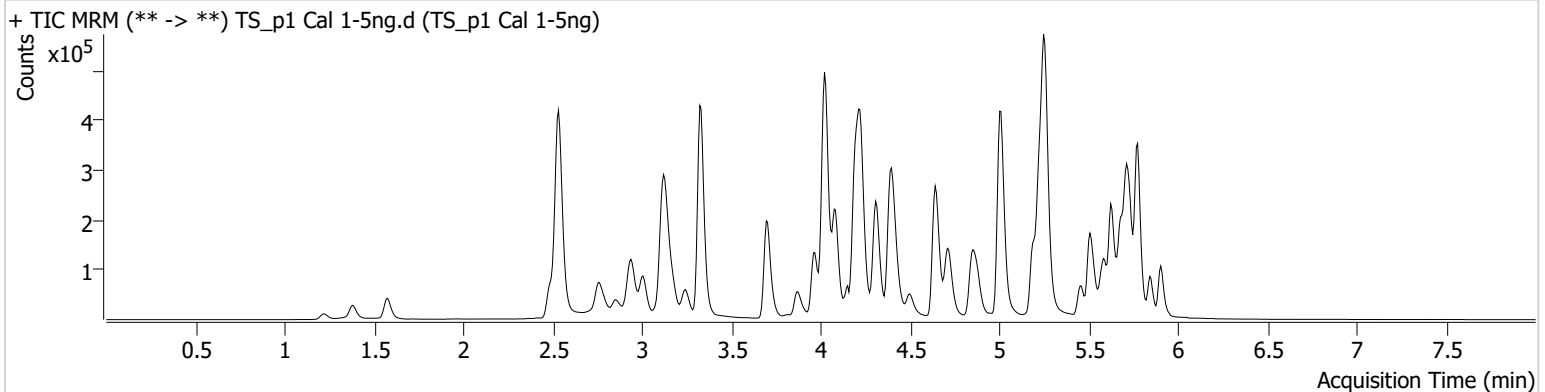
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:22:26 AM

Instrument Falco (069901) **Data File** TS_p1 Cal 1-5ng.d
Type Cal **Sample** TS_p1 Cal 1-5ng
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-A1 **Comment**
Injection Volume 2
Acq. Date-Time 8/16/2023 11:24:11 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.092	838	1050.88	63.0	336.04	36673	0.5159 ng/ml
7-aminoclonazepam	4.170	10333	146.99	79.9	85.29	89564	4.9453 ng/ml
a-hydroxyalprazolam	5.662	6444	113.41	73.5	203.44	56539	5.2381 ng/ml
alpha-PHP	4.881	14998	323.66	278.4	4129.98	504513	5.1230 ng/ml
alpha-PVP	4.316	67232	886.84	44.3	440.50	504513	5.1234 ng/ml
Alprazolam	5.733	25169	293.83	119.6	242.94	211856	5.3518 ng/ml
Amphetamine	3.009	109986	767.84	45.3	663.84	186583	4.1796 ng/ml
Benzoylcegonine	3.844	2092	24.31	6.1	8.39	12028	5.2590 ng/ml
Buprenorphine	5.544	958	12.33	13.7	214.15	63664	0.5722 ng/ml
Bupropion	4.724	51612	376.21	72.8	405.06	300987	5.0213 ng/ml
Carisoprodol	5.687	24517	20790.48	52.7	151.52	220006	4.9707 ng/ml
Citalopram	5.192	36593	326.81	35.1	162.45	336605	5.1387 ng/ml
Clonazepam	5.575	38177	111.97	32.9	533.51	88487	4.8882 ng/ml
Clonazolam	5.518	16267	13771.06	27.8	5024.71	88487	4.7901 ng/ml
Cocaine	4.224	41330	119495.77	54.5	1202.22	684511	5.0476 ng/ml
Codeine	2.525	4603	16.11	114.8	5571.12	49731	4.8611 ng/ml
Cyclobenzaprine	5.598	16063	662.88	10.5	87.21	143078	5.3289 ng/ml
Dextromethorphan	5.236	21328	195.43	85.4	37659.44	189230	5.0061 ng/ml
Dextrorphan	4.084	15159	388.17	227.6	943.37	429450	5.1198 ng/ml
Diazepam	5.911	18518	511.96	93.7	361.29	177949	4.9502 ng/ml
Dihydrocodeine	2.518	13045	312.68	54.8	213.36	143048	4.8754 ng/ml
Diphenhydramine	5.257	97682	734.03	25.8	605.48	1052292	5.0566 ng/ml
Doxylamine	4.416	91466	1867.12	104.0	2263.68	816161	5.1530 ng/ml
Duloxetine	5.624	1592	82.65			14486	5.7803 ng/ml
EDDP	5.228	40455	549.89	47.6	136.74	495249	5.0305 ng/ml
Etizolam	5.778	14520	19715.10	24.9	1104.62	88487	5.0599 ng/ml
Fentanyl	5.028	1728	17.78	77.7	2072.86	231421	0.5411 ng/ml
Fluorofentanyl	5.074	6605	150.56	33.7	997.73	2209	0.5297 ng/ml
Fluoxetine	5.678	15540	313.06	7.6	1558.68	103096	5.0293 ng/ml
Hydrocodone	2.971	18963	169.84	26.7	95.29	217122	4.8633 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	17009	1134.09	74.0	6115.91	103557	5.0329 ng/ml
Hydroxyzine	5.661	18651	343.04	67.8	13111.02	189230	5.2108 ng/ml
Ketamine	3.982	39740	238.04	38.4	226.14	284001	4.9513 ng/ml
Lamotrigine	4.213	3208	184.89	78.7	1604.06	1091537	5.0641 ng/ml
Lorazepam	5.711	33749	1290.48	52.9	75.35	405881	4.6362 ng/ml
MDA	3.157	62458	866.33	26.5	60.72	281231	4.8286 ng/ml
MDMA	3.251	40301	57821.16	74.4	411.46	79001	4.9937 ng/ml
Meprobamate	4.861	8869	7866.55	35.1	128.10	79079	4.9847 ng/ml
Methadone	5.630	56365	647.56	43.7	145.46	374249	5.1164 ng/ml
Methamphetamine	3.178	61452	282.64	41.9	1390.39	638595	4.8585 ng/ml
Metoprolol	4.287	8311	5744.18	114.2	254.09	734673	4.8284 ng/ml
Mirtazapine	4.498	68118	1569.66	53.8	839.15	504513	5.1971 ng/ml
Mitragynine	5.156	8707	10379.79	30.7	753.17	374249	5.3399 ng/ml
Morphine	1.227	2894	1197.88	28.1	160.93	12801	5.0424 ng/ml
Nordiazepam	5.851	17286	318.28	67.0	503.19	129547	5.0980 ng/ml
Norfentanyl	4.043	9601	184.69	36.4	55.85	765679	0.5079 ng/ml
Norhydrocodone	3.033	2389	112.57	34.0	14.31	53315	5.2686 ng/ml
Noroxycodone	2.876	18002	64.30	51.4	269.54	92679	4.1638 ng/ml
O-desmethyl-tramadol	3.331	87814	589.90	5.3	613.65	1016134	5.1143 ng/ml
o-desmethylvenlafaxine	4.029	71851	2681.20	26.4	217.45	213750	5.1850 ng/ml
Olanzapine	3.958	14595	8346.83	55.0	142.21	59529	4.8541 ng/ml
Oxazepam	5.713	32938	680.07	87.3	56.75	405881	4.9902 ng/ml
Oxycodone	2.787	34108	494.06	29.3	339.31	240563	4.9927 ng/ml
Oxymorphone	1.385	13227	294.55	44.8	284.18	71547	4.9496 ng/ml
Phentermine	3.733	16255	135.87	6.9	37.97	530820	4.8845 ng/ml
Promethazine	5.508	37053	∞	30.2	287.05	331867	5.1855 ng/ml
Pseudoephedrine	2.542	102815	2792.65	15.8	1878.38	1091537	5.2377 ng/ml
Quetiapine	5.455	41665	63529.47	48.7	455.90	97648	4.8971 ng/ml
Sertraline	5.740	4755	129.32	106.0	134.79	38086	5.1809 ng/ml
Temazepam	5.781	49835	2046.14	30.6	157.65	535439	5.1494 ng/ml
Tramadol	4.206	78223	205.38	3.3	40.48	734673	4.9332 ng/ml
Trazodone	4.876	55121	730.88	48.9	394.53	281971	4.8573 ng/ml
Venlafaxine	5.002	69090	1309.30	37.9	236.67	821414	5.1182 ng/ml
Zolpidem	4.660	73775	90133.91	29.7	559.61	655259	5.0484 ng/ml

TS



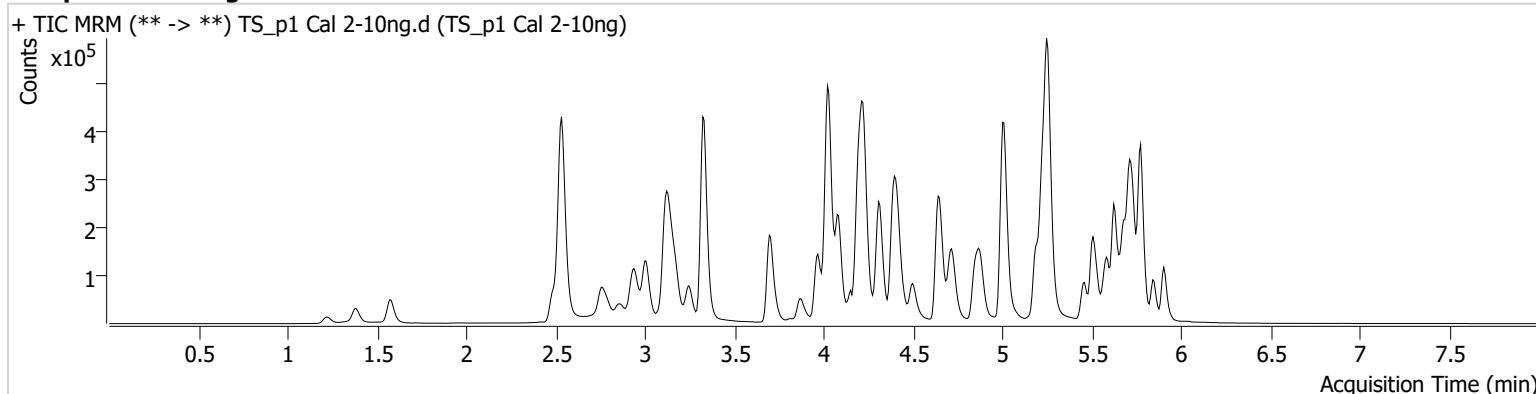
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 Cal 2-10ng.d
Type Cal **Sample** TS_p1 Cal 2-10ng
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-B1 **Comment**
Injection Volume 2
Acq. Date-Time 8/16/2023 11:35:04 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.099	1432	624.75	73.8	836.65	34932	0.9352 ng/ml
7-aminoclonazepam	4.170	19510	170.37	83.0	116.19	86583	10.0063 ng/ml
a-hydroxyalprazolam	5.662	12223	56.38	75.7	457.11	52992	9.5062 ng/ml
alpha-PHP	4.881	26703	159.41	276.8	5242.57	465964	9.6393 ng/ml
alpha-PVP	4.316	119869	389.35	43.9	1597.57	465964	9.6632 ng/ml
Alprazolam	5.733	46367	293.95	120.6	1358.24	206006	9.1698 ng/ml
Amphetamine	3.009	198769	2573.47	45.1	2447.41	175462	9.6431 ng/ml
Benzoylcegonine	3.844	3471	73.85	8.3	745.18	12243	9.0993 ng/ml
Buprenorphine	5.544	1512	66.40	16.3	207.53	56669	0.9539 ng/ml
Bupropion	4.724	97399	280.45	69.1	741.38	278088	10.0227 ng/ml
Carisoprodol	5.687	45037	57656.36	48.8	127.05	197290	10.2568 ng/ml
Citalopram	5.192	65543	405.99	34.2	299.60	311416	9.6339 ng/ml
Clonazepam	5.575	70026	4540.52	33.0	7851.12	80971	10.2033 ng/ml
Clonazolam	5.518	32236	12435.63	24.7	10611.07	80971	10.4831 ng/ml
Cocaine	4.224	76626	398.80	52.7	1338.83	638071	9.8693 ng/ml
Codeine	2.525	8675	958.20	116.2	25058.74	46325	10.2966 ng/ml
Cyclobenzaprine	5.591	27689	51067.13	11.0	76.26	133360	9.2475 ng/ml
Dextromethorphan	5.236	39648	31840.59	81.7	7328.88	175490	10.0181 ng/ml
Dextrorphan	4.084	27955	641.76	218.1	662.98	395498	9.8320 ng/ml
Diazepam	5.911	35594	1420.37	86.4	560.59	169170	10.0822 ng/ml
Dihydrocodeine	2.518	24207	6506.17	57.7	287.00	136237	10.0550 ng/ml
Diphenhydramine	5.257	178361	93891.13	25.6	335.11	990169	9.7890 ng/ml
Doxylamine	4.416	167606	1722.38	102.3	3360.10	755977	9.6577 ng/ml
Duloxetine	5.618	2419	39.89	13.8	44.40	13049	9.9779 ng/ml
EDDP	5.228	76280	574.27	46.0	434.93	457163	10.0660 ng/ml
Etizolam	5.778	26174	38006.00	25.0	10244.86	80971	10.0858 ng/ml
Fentanyl	5.028	2869	1578.54	83.5	3177.20	218248	0.8945 ng/ml
Fluorofentanyl	5.074	11260	173.23	36.6	4700.89	2282	0.9136 ng/ml
Fluoxetine	5.678	25533	14271.37	7.8	2321.43	89514	9.7423 ng/ml
Hydrocodone	2.971	35515	166.81	28.1	60.80	203613	10.1227 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	32987	524.15	72.9	56502.31	100502	9.9057 ng/ml
Hydroxyzine	5.661	34199	513.73	70.7	3453.76	175490	9.6895 ng/ml
Ketamine	3.982	70874	710.88	38.6	131.05	261439	10.0216 ng/ml
Lamotrigine	4.220	5394	400.07	83.1	2084.12	1009342	9.6064 ng/ml
Lorazepam	5.711	62576	1623.28	51.9	209.30	365013	10.7010 ng/ml
MDA	3.157	115609	773.74	26.4	158.89	263844	10.2213 ng/ml
MDMA	3.251	72324	84572.69	74.6	426.57	72186	9.9697 ng/ml
Meprobamate	4.868	15143	3473.71	34.1	192.77	72772	9.7971 ng/ml
Methadone	5.630	102723	579.34	42.3	297.84	346653	9.7571 ng/ml
Methamphetamine	3.178	110998	1016.63	41.4	538.92	604287	10.1518 ng/ml
Metoprolol	4.287	16478	5737.20	104.6	27894.12	684831	10.3938 ng/ml
Mirtazapine	4.498	125344	1762.30	49.9	7225.49	465964	9.5984 ng/ml
Mitragynine	5.156	15148	10268.67	32.9	3649.47	346653	9.2800 ng/ml
Morphine	1.227	5458	649.56	29.1	114.01	12912	9.6620 ng/ml
Nordiazepam	5.851	30845	796.93	67.7	750.33	121132	9.5452 ng/ml
Norfentanyl	4.043	18306	628.63	34.1	123.87	712000	0.9873 ng/ml
Norhydrocodone	3.033	4391	106.07	31.4	2347.09	49856	9.4424 ng/ml
Noroxycodone	2.869	32604	212.23	48.3	6365.96	85265	9.5486 ng/ml
O-desmethyl-tramadol	3.331	161491	9250.63	5.1	93.67	951267	9.7615 ng/ml
o-desmethylvenlafaxine	4.029	132190	17773.22	25.2	383.41	195683	9.6991 ng/ml
Olanzapine	3.958	25930	675.10	53.0	1700.62	53058	10.1749 ng/ml
Oxazepam	5.720	58274	276.41	83.2	75.73	365013	9.8839 ng/ml
Oxycodone	2.787	62291	683.13	29.8	382.64	226898	9.8731 ng/ml
Oxymorphone	1.385	24431	∞	45.2	169.92	67176	10.2219 ng/ml
Phentermine	3.733	30042	304.86	6.6	50.47	494163	10.1113 ng/ml
Promethazine	5.508	64374	466.83	30.3	216.30	300122	9.5752 ng/ml
Pseudoephedrine	2.542	189655	990.48	14.8	1226.89	1009342	9.5230 ng/ml
Quetiapine	5.455	76663	57758.25	50.3	49476.16	91298	10.1651 ng/ml
Sertraline	5.747	7083	76.75	112.9	114.05	33023	9.2810 ng/ml
Temazepam	5.781	89068	404.45	30.9	179.03	495703	9.6496 ng/ml
Tramadol	4.206	144570	436.32	3.3	51.04	684831	10.0267 ng/ml
Trazodone	4.876	99943	1486.65	50.4	28462.23	265223	10.2128 ng/ml
Venlafaxine	5.009	126375	8495.05	36.3	149.09	763477	9.7325 ng/ml
Zolpidem	4.660	135046	1687.22	30.2	840.60	613382	9.7757 ng/ml

TS



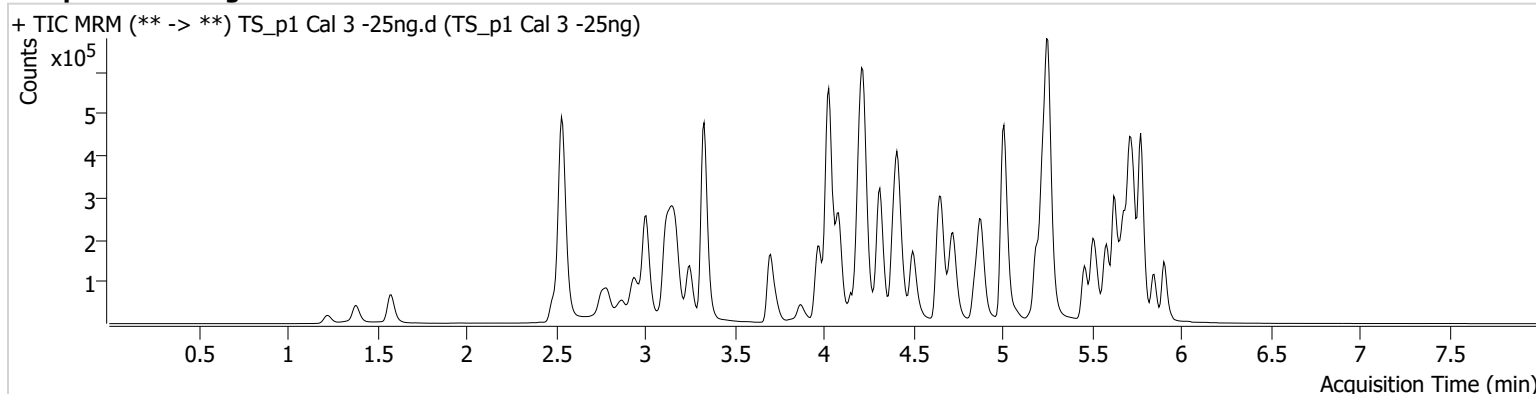
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 Cal 3 -25ng.d
Type Cal **Sample** TS_p1 Cal 3 -25ng
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-C1 **Comment**
Injection Volume 2
Acq. Date-Time 8/16/2023 11:45:41 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.092	3426	1313.23	70.9	1745.30	31034	2.5395 ng/ml
7-aminoclonazepam	4.170	45178	2961.12	81.4	285.14	79336	25.8442 ng/ml
a-hydroxyalprazolam	5.662	27956	185.27	76.6	421.48	46735	22.9487 ng/ml
alpha-PHP	4.881	60437	1904.07	274.6	774.93	408578	24.4784 ng/ml
alpha-PVP	4.316	271306	495.49	43.5	744.84	408578	24.5570 ng/ml
Alprazolam	5.733	107141	503.04	119.8	1581.02	182256	22.2031 ng/ml
Amphetamine	3.009	446303	4141.30	45.4	9385.68	155831	27.0502 ng/ml
Benzoylcegonine	3.844	8102	116.05	6.9	56.88	11344	24.2032 ng/ml
Buprenorphine	5.544	3540	3262.26	12.6	580.26	47207	2.5394 ng/ml
Bupropion	4.724	218138	9909.32	69.2	387.13	250275	24.6083 ng/ml
Carisoprodol	5.687	99381	172992.68	52.3	209.68	183973	24.3688 ng/ml
Citalopram	5.192	141821	938.34	35.2	56595.80	263646	24.0999 ng/ml
Clonazepam	5.575	163598	1437.58	33.2	∞	75361	26.2208 ng/ml
Clonazolam	5.518	74539	82513.04	25.1	24123.66	75361	26.1836 ng/ml
Cocaine	4.224	173048	423.61	53.6	272.17	562688	25.0053 ng/ml
Codeine	2.525	19204	626.64	114.2	396.42	41340	26.2080 ng/ml
Cyclobenzaprine	5.598	54812	67127.85	9.9	13823.29	102351	22.7216 ng/ml
Dextromethorphan	5.236	85156	175.46	85.0	303.97	151852	24.8421 ng/ml
Dextrorphan	4.084	61813	1205.89	223.2	3466.88	352438	23.7759 ng/ml
Diazepam	5.911	78755	2576.89	90.5	2038.21	149414	25.3650 ng/ml
Dihydrocodeine	2.518	55000	892.94	56.7	277.40	121176	26.5953 ng/ml
Diphenhydramine	5.257	403245	10225.38	25.5	2034.89	876567	24.9611 ng/ml
Doxylamine	4.416	384048	4987.33	100.9	3035.08	680917	23.7221 ng/ml
Duloxetine	5.624	4156	255.47	10.4	7.33	9222	24.7373 ng/ml
EDDP	5.228	169185	2463.94	46.1	84237.39	411581	24.5044 ng/ml
Etizolam	5.778	57278	76175.70	26.7	514.63	75361	23.8787 ng/ml
Fentanyl	5.028	6103	35.72	100.5	2685.46	178823	2.2005 ng/ml
Fluorofentanyl	5.074	22070	309.80	36.6	3547.87	1787	2.3784 ng/ml
Fluoxetine	5.678	44978	310.30	7.1	21.75	57949	26.9437 ng/ml
Hydrocodone	2.971	81584	∞	27.4	134.64	183485	26.4417 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	74995	539776.33	73.6	168955.80	90403	24.8042 ng/ml
Hydroxyzine	5.661	73107	2040.55	66.5	1717.45	151852	23.0147 ng/ml
Ketamine	3.982	160129	726.14	39.1	523.75	234150	25.9784 ng/ml
Lamotrigine	4.220	12092	942.46	88.9	1135.39	890342	25.1617 ng/ml
Lorazepam	5.711	135714	5064.19	51.1	458.66	319698	28.0865 ng/ml
MDA	3.157	257346	2634.79	26.2	336.12	234397	26.6862 ng/ml
MDMA	3.251	165146	112127.57	74.1	1557.73	65612	25.2998 ng/ml
Meprobamate	4.868	35290	158.66	32.6	2627.40	66985	25.7863 ng/ml
Methadone	5.630	222888	831.62	42.9	715.28	297147	24.2081 ng/ml
Methamphetamine	3.178	242558	2748.14	41.9	2341.94	536465	26.4006 ng/ml
Metoprolol	4.293	36825	3118.14	103.8	1403.01	610642	26.2156 ng/ml
Mirtazapine	4.498	281547	1616.87	51.5	3451.79	408578	23.3985 ng/ml
Mitragynine	5.156	33376	565.69	29.9	946.07	297147	22.5117 ng/ml
Morphine	1.227	12678	11571.59	29.9	498.77	11505	25.6125 ng/ml
Norbuprenorphine	4.964	327	211.63	72.3	525.63	6958	2.4193 ng/ml
Nordiazepam	5.851	72830	429.66	66.8	10154.24	106907	25.1975 ng/ml
Norfentanyl	4.043	40998	2593.72	32.7	188.03	630153	2.4194 ng/ml
Norhydrocodone	3.033	9423	161.76	30.4	67.37	42655	22.2542 ng/ml
Noroxycodone	2.876	74274	413.62	48.6	1819.28	76125	26.5285 ng/ml
O-desmethyl-tramadol	3.331	365198	712.41	5.1	1017.85	854276	24.1325 ng/ml
o-desmethylvenlafaxine	4.036	301523	34957.38	25.2	884.12	176882	23.3870 ng/ml
Olanzapine	3.958	53869	1432.80	54.1	994.05	42712	27.0533 ng/ml
Oxazepam	5.720	131328	254.34	80.3	849.88	319698	25.5406 ng/ml
Oxycodone	2.787	141981	873.29	29.5	652.19	201913	25.6319 ng/ml
Oxymorphone	1.385	53945	∞	45.7	392.95	63362	24.6004 ng/ml
Phentermine	3.740	67093	782.52	6.1	143.64	434410	26.3348 ng/ml
Promethazine	5.508	125875	2071.37	31.1	335.25	230613	23.7177 ng/ml
Pseudoephedrine	2.542	431941	13206.66	15.3	12233.38	890342	23.1162 ng/ml
Quetiapine	5.455	167973	10087.87	51.4	357.58	80233	26.1579 ng/ml
Sertraline	5.747	11314	343.22	103.6	740.04	19987	25.3603 ng/ml
Temazepam	5.781	198603	1149.78	30.8	556.62	441221	23.7024 ng/ml
Tramadol	4.212	324571	∞	3.3	79.52	610642	25.6255 ng/ml
Trazodone	4.876	209384	138869.21	50.6	82549.85	223815	26.7126 ng/ml
Venlafaxine	5.009	289478	540.51	37.0	1082.36	686462	24.2517 ng/ml
Zolpidem	4.660	313130	4010.12	29.9	733.85	553175	24.9756 ng/ml

TS



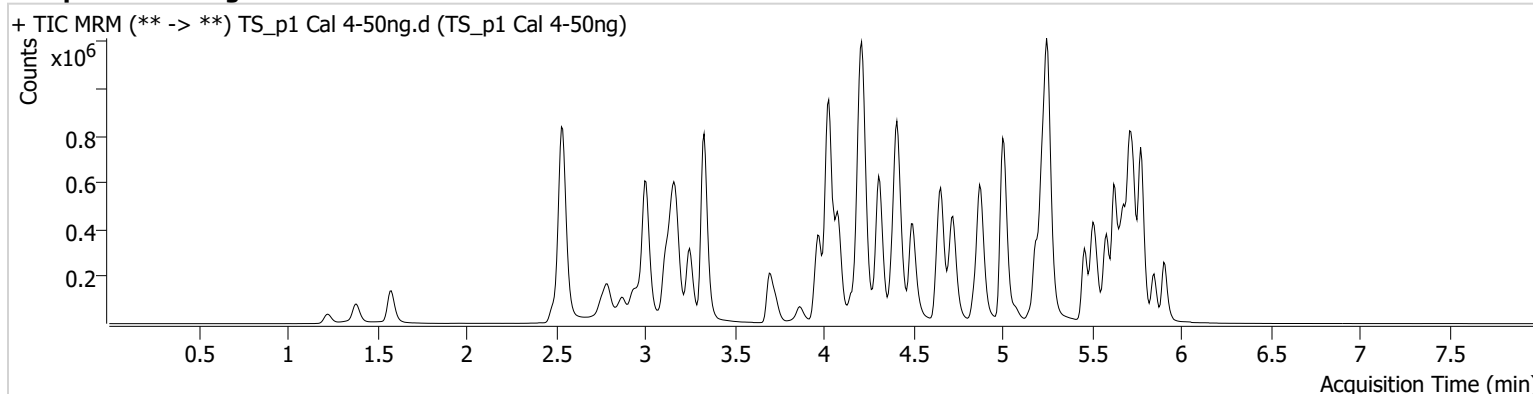
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 Cal 4-50ng.d
Type Cal **Sample** TS_p1 Cal 4-50ng
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-D1 **Comment**
Injection Volume 2
Acq. Date-Time 8/16/2023 11:56:17 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.092	8721	1072.13	69.5	5026.62	41421	4.8534 ng/ml
7-aminoclonazepam	4.163	112873	1714.22	84.2	201.42	100984	51.0781 ng/ml
a-hydroxyalprazolam	5.662	66893	390.40	78.7	277.19	52627	47.5616 ng/ml
alpha-PHP	4.881	158731	2329.75	272.3	5113.78	532839	49.0388 ng/ml
alpha-PVP	4.316	700823	14636.75	44.1	8180.91	532839	48.4015 ng/ml
Alprazolam	5.733	264712	383.29	116.1	528.19	211152	46.1223 ng/ml
Amphetamine	3.009	1117662	3270.46	46.2	25625.41	202214	53.8281 ng/ml
Benzoylcegonine	3.837	20396	1612.82	7.8	173.58	14213	49.4786 ng/ml
Buprenorphine	5.544	9150	12251.19	16.7	2119.54	65618	4.6545 ng/ml
Bupropion	4.724	570420	1582.61	69.9	1097.81	327011	49.0252 ng/ml
Carisoprodol	5.687	236592	53402.85	52.2	1816.01	217096	49.2350 ng/ml
Citalopram	5.186	381921	914.28	34.9	225.41	351306	48.3628 ng/ml
Clonazepam	5.575	387111	26974.48	34.1	296823.12	91711	51.3639 ng/ml
Clonazolam	5.518	186554	236898.75	26.2	55077.36	91711	53.9479 ng/ml
Cocaine	4.224	431794	10891.57	54.2	394.60	724049	48.3269 ng/ml
Codeine	2.525	47838	209.12	111.3	3671.17	52221	52.1211 ng/ml
Cyclobenzaprine	5.591	161826	1117.16	9.1	145.03	147889	45.6795 ng/ml
Dextromethorphan	5.229	223927	334.66	79.7	394500.96	201054	49.3220 ng/ml
Dextrorphan	4.084	158925	3712.74	223.9	933.44	447098	47.7572 ng/ml
Diazepam	5.911	192769	543.07	88.1	521.57	181235	51.2582 ng/ml
Dihydrocodeine	2.518	140272	1093.17	56.3	118.28	152454	54.5139 ng/ml
Diphenhydramine	5.257	1029221	88386.98	26.6	10723.01	1124627	49.6324 ng/ml
Doxylamine	4.409	1010420	10291.79	99.6	6665.99	871779	48.1696 ng/ml
Duloxetine	5.624	11938	923.65	11.1	1048.76	12832	51.4245 ng/ml
EDDP	5.228	434692	632.70	45.2	4196.16	535234	48.2186 ng/ml
Etizolam	5.778	138393	4471.05	26.5	26499.99	91711	47.5296 ng/ml
Fentanyl	5.021	17816	164.16	84.7	260.99	237402	4.7475 ng/ml
Fluorofentanyl	5.074	61546	879.69	37.4	924.49	2581	4.6479 ng/ml
Fluoxetine	5.678	123896	5297.73	7.6	128277.36	93084	46.3847 ng/ml
Hydrocodone	2.971	204317	648.50	28.4	136.81	225846	54.2252 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	192572	7167.46	73.0	3482.51	115337	49.7687 ng/ml
Hydroxyzine	5.661	191603	4819.21	70.1	17991.62	201054	44.9419 ng/ml
Ketamine	3.975	408602	3148.20	39.3	603.68	310352	50.4364 ng/ml
Lamotrigine	4.213	30316	373.49	86.0	1271.91	1095615	51.7690 ng/ml
Lorazepam	5.711	310485	6797.71	50.6	967.96	379068	55.1923 ng/ml
MDA	3.157	645132	3757.46	25.9	919.02	294491	53.9579 ng/ml
MDMA	3.251	421663	2749.01	75.3	2226.40	84662	50.2268 ng/ml
Meprobamate	4.861	88251	189.12	31.7	215.13	81160	53.9039 ng/ml
Methadone	5.630	578009	1720.05	43.1	482.41	390801	47.4225 ng/ml
Methamphetamine	3.178	622397	786.71	41.8	1831.12	688553	53.7452 ng/ml
Metoprolol	4.287	94327	1960.16	103.9	2174.91	791900	51.8885 ng/ml
Mirtazapine	4.498	738354	6767.25	51.2	6082.48	532839	46.2823 ng/ml
Mitragynine	5.156	87647	1616.82	31.7	1253.41	390801	44.0986 ng/ml
Morphine	1.227	31964	12601.99	28.3	428.40	14607	51.1269 ng/ml
Norbuprenorphine	4.951	850	366.70	85.5	88.28	9119	5.1687 ng/ml
Nordiazepam	5.851	174601	998.01	66.3	971.62	127206	50.5623 ng/ml
Norfentanyl	4.043	101430	828.18	34.3	1062.85	765367	4.8747 ng/ml
Norhydrocodone	3.033	22195	114.63	33.0	71.67	47680	45.8453 ng/ml
Noroxycodone	2.876	182033	5535.22	50.9	5498.30	97357	52.1164 ng/ml
O-desmethyl-tramadol	3.331	940629	43364.56	5.3	36687.32	1093540	48.2583 ng/ml
o-desmethylvenlafaxine	4.029	744688	42839.63	26.1	2684.31	218608	46.0227 ng/ml
Olanzapine	3.952	164057	577.94	56.1	1427.21	68234	52.0295 ng/ml
Oxazepam	5.713	307518	765.54	80.6	1617.96	379068	50.5066 ng/ml
Oxycodone	2.787	356676	2868.57	30.0	748.65	258411	50.5245 ng/ml
Oxymorphone	1.385	135404	391.65	45.3	876.06	78879	50.1095 ng/ml
Phentermine	3.733	174166	1269.89	6.2	87.51	566097	52.8769 ng/ml
Promethazine	5.508	374433	3058.33	31.0	1914.87	338024	47.7009 ng/ml
Pseudoephedrine	2.542	1086968	1068.43	15.2	32427.90	1095615	46.3004 ng/ml
Quetiapine	5.455	438927	16044.64	53.6	201750.72	107890	51.3452 ng/ml
Sertraline	5.747	32298	406.94	105.8	401.65	29990	48.7235 ng/ml
Temazepam	5.781	473520	1164.61	29.7	1454.46	501140	49.4113 ng/ml
Tramadol	4.206	856061	1294.35	3.3	151.87	791900	52.3761 ng/ml
Trazodone	4.869	553049	542944.36	50.4	279574.49	303983	52.8141 ng/ml
Venlafaxine	5.002	745246	1712.84	36.2	650.95	882063	48.2372 ng/ml
Zolpidem	4.660	814303	2253.79	29.5	1788.51	711449	50.3975 ng/ml

TS



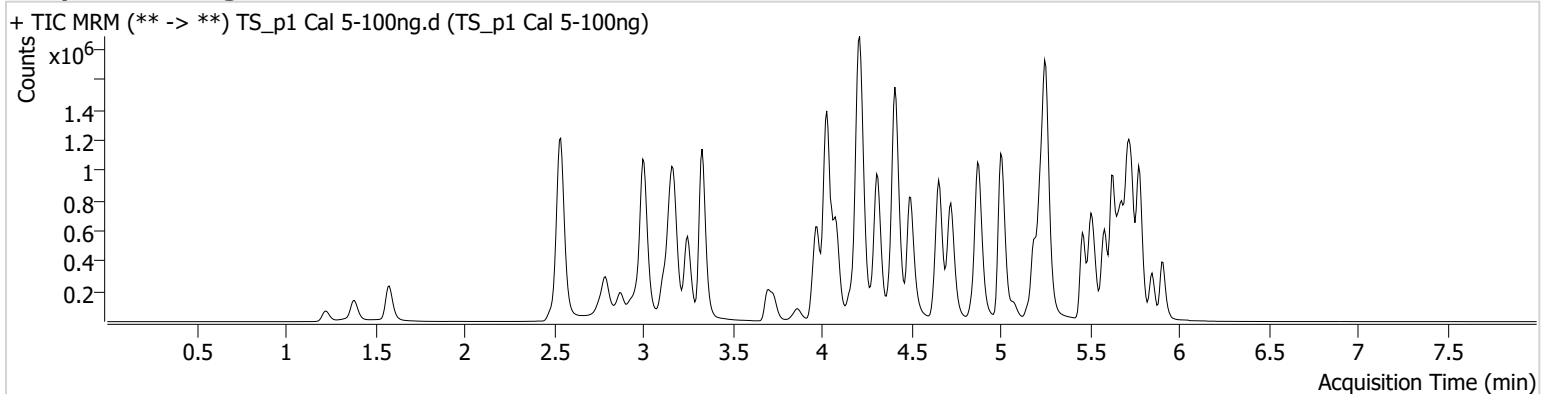
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 Cal 5-100ng.d
Type Cal **Sample** TS_p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-E1 **Comment**
Injection Volume 2
Acq. Date-Time 8/17/2023 12:06:54 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	3.092	16350	22000.77	70.7	1430.20	38323	9.8475 ng/ml
7-aminoclonazepam	4.163	226620	1632.25	80.3	164.09	100071	103.8621 ng/ml
a-hydroxyalprazolam	5.662	114338	747.69	82.2	483.55	44677	94.6789 ng/ml
alpha-PHP	4.881	293643	4695.20	269.1	9028.74	494077	97.5825 ng/ml
alpha-PVP	4.316	1304977	1040.23	45.4	22468.46	494077	96.9514 ng/ml
Alprazolam	5.733	494175	1572.20	116.3	1060.68	183610	97.7756 ng/ml
Amphetamine	3.002	2103667	38479.24	45.0	769.94	189286	110.0013 ng/ml
Benzoylcegonine	3.837	40073	2056.91	7.6	345.68	14002	99.5141 ng/ml
Buprenorphine	5.544	20132	14864.64	13.7	2070.49	65154	10.2184 ng/ml
Bupropion	4.724	1084931	892.57	69.8	40372.27	309322	98.3513 ng/ml
Carisoprodol	5.687	423084	87549.68	52.9	454.39	194089	98.5521 ng/ml
Citalopram	5.186	742990	23617.76	34.5	221212.40	327633	100.5182 ng/ml
Clonazepam	5.575	686290	332864.66	34.1	231694.11	82704	101.3671 ng/ml
Clonazolam	5.518	319160	406981.73	27.2	90309.90	82704	102.4311 ng/ml
Cocaine	4.224	825701	236954.56	53.8	600.62	666755	100.1692 ng/ml
Codeine	2.525	88212	390.94	110.7	461.55	48944	102.9839 ng/ml
Cyclobenzaprine	5.591	335448	80908.86	9.4	806.47	147808	93.9714 ng/ml
Dextromethorphan	5.229	440753	57022.62	78.7	8970.61	193283	100.9659 ng/ml
Dextrorphan	4.084	294578	1653.25	222.5	2013.65	409548	96.2090 ng/ml
Diazepam	5.911	353065	2621.93	89.2	1619.88	167835	101.4470 ng/ml
Dihydrocodeine	2.518	260874	296.49	59.3	86968.45	147659	105.2145 ng/ml
Diphenhydramine	5.257	1983818	41418.43	26.6	346.60	1069218	100.5986 ng/ml
Doxylamine	4.409	2012077	6371.96	98.9	12550.93	847728	98.0682 ng/ml
Duloxetine	5.624	22699	6889.10	10.6	3057.31	12355	101.8803 ng/ml
EDDP	5.228	634548	2190.38	46.4	963984.68	394622	95.2717 ng/ml
Etizolam	5.778	247004	2986.19	27.1	54306.15	82704	94.1888 ng/ml
Fentanyl	5.021	34578	33974.95	87.7	35025.00	235031	9.2336 ng/ml
Fluorofentanyl	5.074	132327	4295.63	37.1	10355.25	2711	9.5758 ng/ml
Fluoxetine	5.678	238709	5677.14	7.8	240.33	85710	97.3333 ng/ml
Hydrocodone	2.971	378917	275.53	29.4	192.94	218030	104.5482 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	370792	12251.95	73.1	1715.73	110392	99.9673 ng/ml
Hydroxyzine	5.661	382054	16666.17	73.1	20655.22	193283	92.5424 ng/ml
Ketamine	3.975	777436	1499.97	39.1	2256680.52	297165	100.6742 ng/ml
Lamotrigine	4.213	55331	1817.62	88.2	1585.52	989206	105.1455 ng/ml
Lorazepam	5.711	509375	3648.61	51.2	576.02	309297	112.0605 ng/ml
MDA	3.157	1157773	3548.08	24.9	742.68	263195	109.0685 ng/ml
MDMA	3.251	783898	3892.39	76.5	7184.34	79713	99.3359 ng/ml
Meprobamate	4.861	155717	5321.23	31.4	928.45	75515	102.7980 ng/ml
Methadone	5.630	1152908	4831.97	43.1	2138.68	370924	99.3063 ng/ml
Methamphetamine	3.178	1152818	14630.65	41.9	548.46	655110	105.5444 ng/ml
Metoprolol	4.287	176510	105373.71	103.3	1487.42	727151	105.8570 ng/ml
Mirtazapine	4.498	1455349	4016.63	50.3	3504.61	494077	97.5252 ng/ml
Mitragynine	5.156	181874	1334.46	31.5	3999.46	370924	95.3984 ng/ml
Morphine	1.227	61485	789.70	31.4	114.70	14049	102.5146 ng/ml
Norbuprenorphine	4.957	1514	3388.26	100.7	80.69	9042	9.5921 ng/ml
Nordiazepam	5.851	315360	5329.95	66.1	625.78	114756	101.0299 ng/ml
Norfentanyl	4.043	187345	1024.35	35.5	1712.48	698682	9.8105 ng/ml
Norhydrocodone	3.033	40165	180.50	34.6	206.35	38406	101.8192 ng/ml
Noroxycodone	2.869	348191	1056.04	50.7	455.34	91128	107.9577 ng/ml
O-desmethyl-tramadol	3.331	1803594	5658.46	5.4	10201.62	1035111	97.4523 ng/ml
o-desmethylvenlafaxine	4.029	1390824	80546.92	26.0	1373.03	195914	95.1377 ng/ml
Olanzapine	3.952	356999	1768.25	54.8	2513.58	74793	103.7876 ng/ml
Oxazepam	5.713	524421	5101.56	78.7	685.71	309297	105.6351 ng/ml
Oxycodone	2.787	707679	2174.71	29.4	890.39	250552	103.6201 ng/ml
Oxymorphone	1.385	274385	∞	46.1	∞	77612	103.7315 ng/ml
Phentermine	3.733	329837	790.87	5.6	778.67	535215	106.3381 ng/ml
Promethazine	5.508	772009	15754.57	31.2	7966.45	343492	96.3524 ng/ml
Pseudoephedrine	2.542	2035419	32426.23	15.2	37292.16	989206	95.0281 ng/ml
Quetiapine	5.455	855419	9137.16	55.0	857.54	106357	102.0406 ng/ml
Sertraline	5.740	57163	188.15	98.0	259.55	26573	97.8471 ng/ml
Temazepam	5.781	798313	∞	29.6	497.36	428385	97.1466 ng/ml
Tramadol	4.206	1582220	563.21	3.5	1011.91	727151	105.6779 ng/ml
Trazodone	4.869	1063533	2097.96	53.0	311980.67	302022	103.0796 ng/ml
Venlafaxine	5.002	1406959	81870.56	35.9	401.35	823043	97.2390 ng/ml
Zolpidem	4.653	1571313	5774.97	29.1	2353.64	683737	101.0891 ng/ml

TS



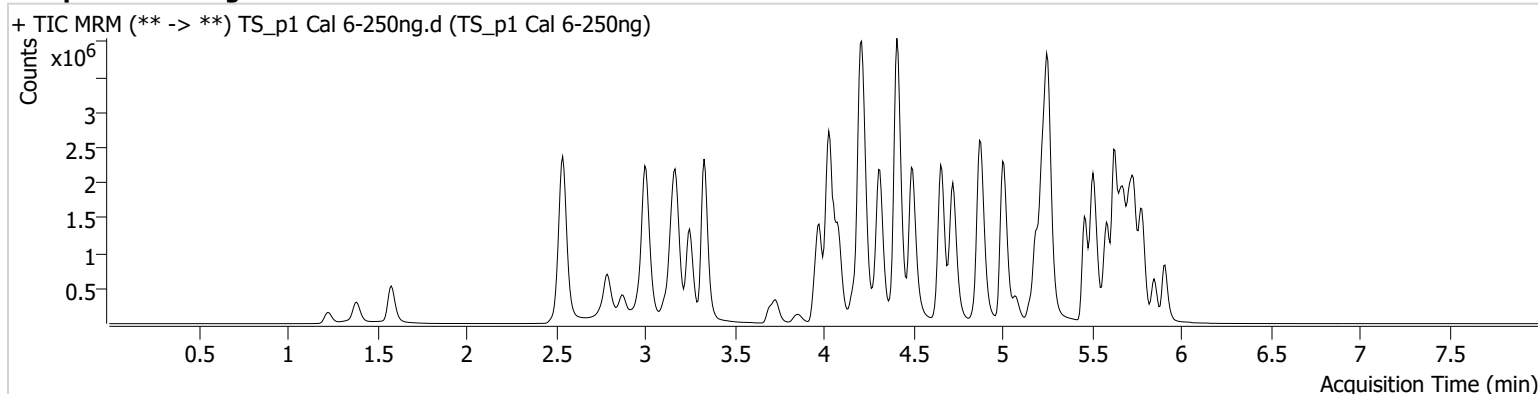
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 Cal 6-250ng.d
Type Cal **Sample** TS_p1 Cal 6-250ng
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-F1 **Comment**
Injection Volume 2
Acq. Date-Time 8/17/2023 12:17:30 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	3.092	45807	722.99	70.8	885.99	40337	26.2321 ng/ml
7-aminoclonazepam	4.163	580345	775.32	80.4	403.12	104295	255.7364 ng/ml
a-hydroxyalprazolam	5.662	235095	281.56	79.9	7624.29	34933	247.2306 ng/ml
alpha-PHP	4.881	780871	8307.90	265.7	33962.79	499956	256.0310 ng/ml
alpha-PVP	4.316	3379681	65374.96	46.8	1218.61	499956	247.7554 ng/ml
Alprazolam	5.739	1207009	2161.48	109.3	1847.22	164441	264.7796 ng/ml
Amphetamine	3.002	4632551	956.52	45.7	61138.91	196505	235.2977 ng/ml
Benzoylcegonine	3.837	110072	5498.66	7.8	2680.23	14997	256.5200 ng/ml
Buprenorphine	5.544	56959	1868.32	15.8	1570.05	80756	23.2253 ng/ml
Bupropion	4.724	3019058	1135.58	68.5	211750.43	333960	253.1391 ng/ml
Carisoprodol	5.687	874318	490.59	52.1	4855.16	157065	251.7795 ng/ml
Citalopram	5.186	2062810	1221.51	34.9	570.51	356902	255.6676 ng/ml
Clonazepam	5.575	1510916	30230.51	33.9	6059.35	74748	247.4966 ng/ml
Clonazolam	5.518	709651	53742.05	28.6	265429.13	74748	252.1314 ng/ml
Cocaine	4.224	2030566	1244436.96	54.9	60918.77	655210	250.4181 ng/ml
Codeine	2.525	188131	1665.52	107.7	13923.41	49113	219.3847 ng/ml
Cyclobenzaprine	5.591	1271919	56597.72	8.1	22876.95	206669	253.6068 ng/ml
Dextromethorphan	5.229	1182550	1953.03	76.0	526.02	210497	248.7159 ng/ml
Dextrorphan	4.084	749814	1379.47	221.7	12939.80	404134	247.5082 ng/ml
Diazepam	5.911	882227	12750.56	88.3	∞	170243	250.0122 ng/ml
Dihydrocodeine	2.511	628628	1297.29	61.0	12499.32	155846	240.9674 ng/ml
Diphenhydramine	5.257	5217688	99402.29	27.3	725.08	1140945	247.9167 ng/ml
Doxylamine	4.409	5616327	1657.76	96.5	7605.22	896292	258.0069 ng/ml
Duloxetine	5.624	82062	2212.34	11.8	10008.68	18914	241.0646 ng/ml
EDDP	5.228	2210461	80362.20	45.3	11852.19	526131	248.6015 ng/ml
Etizolam	5.778	579465	6946.82	27.5	11972.73	74748	244.6756 ng/ml
Fentanyl	5.028	119342	135339.62	80.3	127825.09	277860	26.8104 ng/ml
Fluorofentanyl	5.074	477371	14038.38	36.2	4410.49	3446	27.2935 ng/ml
Fluoxetine	5.678	950234	∞	7.5	66000.20	133108	249.8837 ng/ml
Hydrocodone	2.965	924908	2626.06	31.0	552.79	221335	251.9602 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	940271	5521821.25	73.3	4049.32	111311	251.1792 ng/ml
Hydroxyzine	5.661	1202911	24866.53	78.5	648022.30	210497	266.3582 ng/ml
Ketamine	3.975	1968585	145643.37	38.0	2478.52	305448	248.6800 ng/ml
Lamotrigine	4.220	121895	1010.09	88.2	112019.48	906932	253.3342 ng/ml
Lorazepam	5.711	777608	6798.37	51.2	2163.30	227913	233.3105 ng/ml
MDA	3.150	2397221	4636.07	23.5	10902.03	250408	238.2038 ng/ml
MDMA	3.251	1988120	3829.19	75.6	2736.63	79360	253.3139 ng/ml
Meprobamate	4.861	316588	363.19	28.9	98591.02	71503	221.4625 ng/ml
Methadone	5.630	3364616	2361.22	42.8	27123.12	428195	250.5614 ng/ml
Methamphetamine	3.178	2934512	1646.96	41.5	7002.36	696840	253.9212 ng/ml
Metoprolol	4.287	415284	972.04	104.8	10175.35	747852	242.3029 ng/ml
Mirtazapine	4.491	3986355	1634.21	49.7	4919.42	499956	262.6908 ng/ml
Mitragynine	5.156	569170	112890.43	32.3	6939.07	428195	257.1540 ng/ml
Morphine	1.227	156378	1038.41	28.7	460.19	14384	255.0620 ng/ml
Norbuprenorphine	4.957	4717	2080.93	91.7	1796.20	10487	26.4105 ng/ml
Nordiazepam	5.851	734762	85521.61	65.4	746.54	108605	248.4260 ng/ml
Norfentanyl	4.043	420040	14381.21	36.2	593.79	613871	24.9546 ng/ml
Norhydrocodone	3.033	95091	162.40	37.2	1719.94	31277	294.1963 ng/ml
Noroxycodone	2.876	823198	1253.82	50.0	∞	89920	260.6123 ng/ml
O-desmethyl-tramadol	3.331	4731084	2900.24	5.4	9494.45	1050669	251.3779 ng/ml
o-desmethylvenlafaxine	4.029	3328512	2724.63	25.7	11219.35	176100	252.1139 ng/ml
Olanzapine	3.952	920094	3405.40	58.1	2520.71	84036	238.7198 ng/ml
Oxazepam	5.713	924288	1490.46	78.0	4705.68	227913	252.7594 ng/ml
Oxycodone	2.787	1824136	5546.63	29.7	1451.01	263381	254.4040 ng/ml
Oxymorphone	1.385	662237	835.17	45.1	∞	77339	251.9560 ng/ml
Phentermine	3.733	787034	1155.99	5.3	199.12	569313	239.0621 ng/ml
Promethazine	5.508	2927136	3255.51	31.9	2005.55	501959	249.3257 ng/ml
Pseudoephedrine	2.542	4949106	123321.38	15.0	921.99	906932	250.4844 ng/ml
Quetiapine	5.455	2327007	19948.17	57.5	89854.69	118352	250.2382 ng/ml
Sertraline	5.747	214170	14862.91	98.1	545.71	38789	251.9752 ng/ml
Temazepam	5.781	1474958	755.12	29.9	1840.82	305116	251.5025 ng/ml
Tramadol	4.206	3870039	∞	3.6	523.83	747852	251.6732 ng/ml
Trazodone	4.869	2713805	4914.69	60.3	191204.10	374800	212.9202 ng/ml
Venlafaxine	5.002	3773052	21252.86	34.3	10651.07	853871	250.7955 ng/ml
Zolpidem	4.653	4332623	596795.16	28.2	3231.88	749003	254.2945 ng/ml

TS



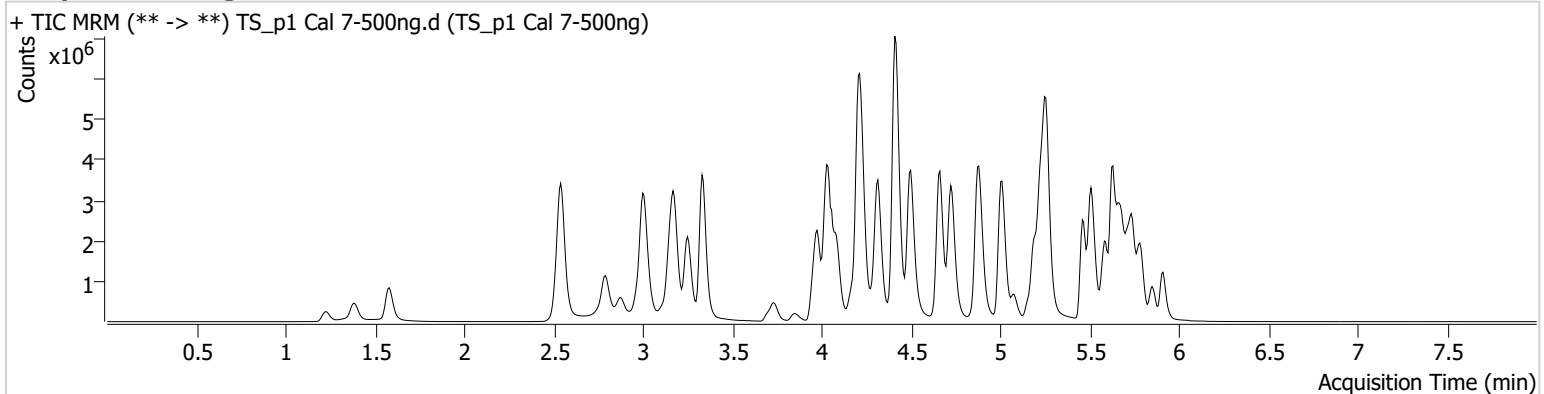
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 Cal 7-500ng.d
Type Cal **Sample** TS_p1 Cal 7-500ng
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-G1 **Comment**
Injection Volume 2
Acq. Date-Time 8/17/2023 12:28:07 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	3.092	80547	7693.70	69.0	27281.86	37094	50.1706 ng/ml
7-aminoclonazepam	4.170	1011871	870.04	79.1	1074.40	95935	485.0753 ng/ml
a-hydroxyalprazolam	5.662	340984	441.17	75.8	503.61	23763	525.9403 ng/ml
alpha-PHP	4.881	1250327	5217.80	271.4	23704.86	410253	499.3516 ng/ml
alpha-PVP	4.316	5734360	123628.25	46.3	∞	410253	512.0253 ng/ml
Alprazolam	5.739	1874027	1498.64	109.5	894.99	125472	537.6625 ng/ml
Amphetamine	3.002	6779693	1269.79	45.3	62744.43	171074	396.7371 ng/ml
Benzoylcegonine	3.844	200423	724.14	7.6	354.23	13826	507.4795 ng/ml
Buprenorphine	5.544	101446	1319.66	14.4	1091.41	68627	48.5895 ng/ml
Bupropion	4.724	5301816	152123.65	67.5	80560.01	291317	509.3874 ng/ml
Carisoprodol	5.687	1233763	6003.99	52.9	8216.47	110563	504.7931 ng/ml
Citalopram	5.192	3344175	2443.15	35.9	25672.81	290646	508.6354 ng/ml
Clonazepam	5.575	2097425	47314.15	34.5	1450970.41	55734	461.1351 ng/ml
Clonazolam	5.525	1029902	16280.33	29.4	315632.62	55734	490.8427 ng/ml
Cocaine	4.224	3299098	1456.62	54.6	12652.48	529953	502.8479 ng/ml
Codeine	2.525	266246	565.02	106.4	251.92	40767	374.3585 ng/ml
Cyclobenzaprine	5.591	1993881	88063.68	8.0	255945.58	155865	526.3680 ng/ml
Dextromethorphan	5.229	1768533	1373.15	75.4	5047.32	154677	506.1776 ng/ml
Dextrorphan	4.084	1242419	1309.77	220.0	5058.01	321590	514.9267 ng/ml
Diazepam	5.911	1392059	836.21	89.1	1401.37	135838	494.4818 ng/ml
Dihydrocodeine	2.511	986092	∞	61.4	1943.78	138865	424.6579 ng/ml
Diphenhydramine	5.257	8348804	2140.32	27.5	66093.64	897056	504.5165 ng/ml
Doxylamine	4.409	10261252	321924.68	94.6	497984.54	791783	533.0222 ng/ml
Duloxetine	5.617	108366	2098.60	11.6	1700.00	11759	512.3963 ng/ml
EDDP	5.228	3957864	908.23	44.3	139206.82	457754	511.4032 ng/ml
Etizolam	5.778	919135	1212.33	26.8	283072.84	55734	520.6462 ng/ml
Fentanyl	5.028	201414	923.55	78.7	16797.61	209590	59.8924 ng/ml
Fluorofentanyl	5.074	849829	18199.08	36.2	20826.34	3179	52.7196 ng/ml
Fluoxetine	5.678	1253267	27000.82	8.0	105435.81	90644	484.2013 ng/ml
Hydrocodone	2.965	1517405	∞	31.4	1262.31	194739	470.1768 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	1586893	1627.78	73.6	5646432.57	93726	503.2945 ng/ml
Hydroxyzine	5.661	1958168	11379.55	80.7	14624.06	154677	589.3061 ng/ml
Ketamine	3.975	3226258	1885.23	37.7	3683.08	252316	493.8264 ng/ml
Lamotrigine	4.220	169132	1238.55	91.6	8754.90	693690	459.9559 ng/ml
Lorazepam	5.711	826216	24678.24	49.4	1208.72	130664	433.3141 ng/ml
MDA	3.150	3160096	14338.03	22.7	1575.72	191545	411.0207 ng/ml
MDMA	3.251	3270506	8314.31	75.7	3611.73	65137	507.8708 ng/ml
Meprobamate	4.861	428366	4377.05	28.7	101.01	59009	363.5061 ng/ml
Methadone	5.630	5634683	1976.03	41.6	1850.48	344522	521.1755 ng/ml
Methamphetamine	3.178	4957845	5775.74	40.6	9237.05	614934	487.0228 ng/ml
Metoprolol	4.287	643845	667284.12	105.1	8092.03	638077	440.3782 ng/ml
Mirtazapine	4.498	6941230	32999.68	47.3	72428.69	410253	556.5688 ng/ml
Mitragynine	5.156	937792	25239.19	32.8	2540.82	344522	525.7067 ng/ml
Morphine	1.227	255853	∞	28.8	∞	12169	493.4987 ng/ml
Norbuprenorphine	4.957	8042	131.49	97.1	4614.89	9627	49.3799 ng/ml
Nordiazepam	5.851	1103236	16447.36	66.4	703.74	80455	503.3110 ng/ml
Norfentanyl	4.050	612856	19422.38	36.5	10844.95	438219	50.9502 ng/ml
Norhydrocodone	3.033	167677	163.74	36.8	378.64	24396	663.8932 ng/ml
Noroxycodone	2.876	1279995	4431.19	50.3	995.28	71941	507.8139 ng/ml
O-desmethyl-tramadol	3.331	8217911	89094.79	5.4	890.46	880009	521.0050 ng/ml
o-desmethylvenlafaxine	4.029	5214143	636.01	25.4	5165.14	131394	528.5266 ng/ml
Olanzapine	3.952	1701980	8405.22	58.4	4244.07	82893	448.1082 ng/ml
Oxazepam	5.713	1009992	17358.54	78.2	3146.30	130664	481.8244 ng/ml
Oxycodone	2.787	3168729	3923.80	29.6	1371.04	236678	491.9931 ng/ml
Oxymorphone	1.385	1094851	∞	47.1	∞	62497	515.9978 ng/ml
Phentermine	3.733	1250982	632.43	4.9	984.25	491266	440.7086 ng/ml
Promethazine	5.508	4909695	114067.02	31.3	1951.29	406213	516.3137 ng/ml
Pseudoephedrine	2.542	7942953	193916.95	14.6	120102.41	693690	524.5663 ng/ml
Quetiapine	5.455	3903889	45663.25	58.7	∞	103936	478.5347 ng/ml
Sertraline	5.747	256586	22315.25	97.6	434.72	23206	505.1296 ng/ml
Temazepam	5.788	1769047	21240.02	29.6	455.76	182395	504.2921 ng/ml
Tramadol	4.206	6459725	1590.23	3.5	547.25	638077	492.5940 ng/ml
Trazodone	4.869	4086716	110005.11	62.4	203090.61	319215	377.1725 ng/ml
Venlafaxine	5.002	6459070	80816.68	34.3	1203.67	717678	510.4465 ng/ml
Zolpidem	4.660	7634532	10174.11	27.7	7701.10	650582	515.7775 ng/ml

TS



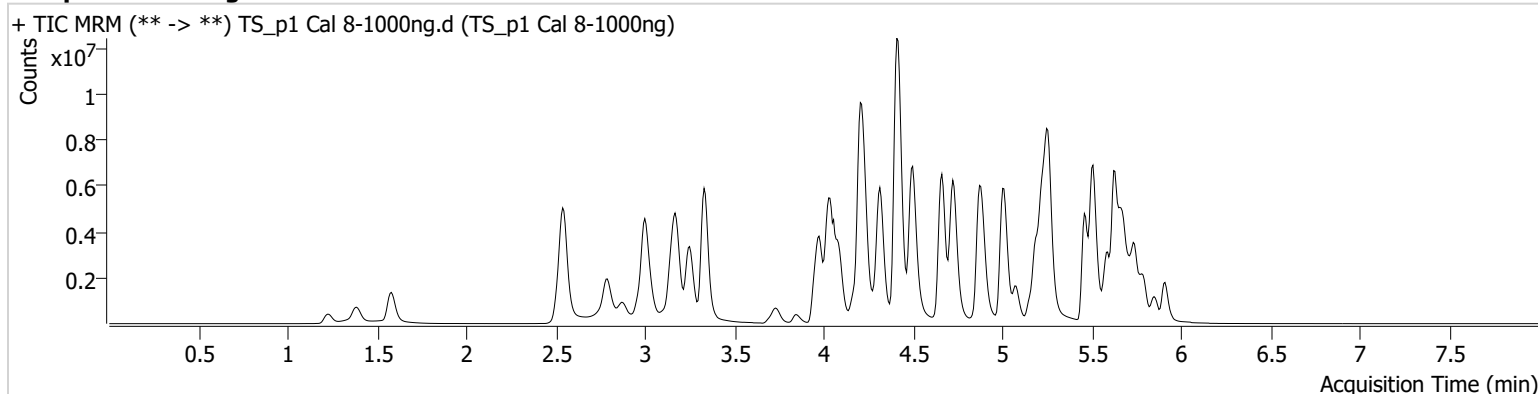
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\081523 AM 27 28 CS TS\QuantResults\AM 28 TS_For Review.batch.bin
Calibration Last Update 8/18/2023 9:01:17 AM

Instrument Falco (069901) **Data File** TS_p1 Cal 8-1000ng.d
Type Cal **Sample** TS_p1 Cal 8-1000ng
Acq. Method AM 28 MDQ P1 Updated 081623.m **Operator** Tamara Salazar
Sample Position P6-H1 **Comment**
Injection Volume 2
Acq. Date-Time 8/17/2023 12:38:44 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	3.092	165413	1000.13	70.5	224740.10	37881	100.9008 ng/ml
7-aminoclonazepam	4.170	1636901	1519.86	78.5	1057.75	81568	923.2535 ng/ml
a-hydroxyalprazolam	5.662	348881	375.44	74.4	∞	11156	1144.9946 ng/ml
alpha-PHP	4.881	2244479	6165.17	268.6	13148.80	349177	1052.9010 ng/ml
alpha-PVP	4.316	10241073	397174.15	47.4	100225.84	349177	1074.1112 ng/ml
Alprazolam	5.739	2721390	1243.39	107.3	∞	89794	1089.8825 ng/ml
Amphetamine	3.002	9978366	189969.89	45.8	100334.12	163135	613.2858 ng/ml
Benzoylcegonine	3.844	430380	8129.11	7.7	1536.07	14438	1044.3856 ng/ml
Buprenorphine	5.544	219673	3400.96	14.6	1790.44	69876	103.2469 ng/ml
Bupropion	4.724	10375402	138927.54	66.8	111173.90	286388	1013.7816 ng/ml
Carisoprodol	5.694	1441515	431.98	53.3	4645.64	64029	1018.5083 ng/ml
Citalopram	5.186	5947425	2192.28	36.0	2019.78	254550	1032.5031 ng/ml
Clonazepam	5.575	2450108	52723.38	34.5	18130.93	38972	770.6274 ng/ml
Clonazolam	5.525	1251201	135920.05	31.9	482089.27	38972	852.8525 ng/ml
Cocaine	4.224	5628859	44498.65	54.7	850.86	442325	1027.7374 ng/ml
Codeine	2.519	389866	∞	103.2	33990.16	37515	595.9512 ng/ml
Cyclobenzaprine	5.591	4257198	29735.18	7.8	713.56	148323	1180.1246 ng/ml
Dextromethorphan	5.229	2734936	2478.15	75.3	851.95	121078	999.9787 ng/ml
Dextrorphan	4.084	2235134	6187.73	221.4	4337.63	269558	1104.6924 ng/ml
Diazepam	5.911	2215399	∞	90.0	812.41	111534	958.4881 ng/ml
Dihydrocodeine	2.511	1700088	∞	61.3	66725.96	141508	718.8726 ng/ml
Diphenhydramine	5.257	13743612	98865.26	28.1	2248.28	736167	1012.0088 ng/ml
Doxylamine	4.409	19590550	9584.87	96.0	14125.61	795334	1012.5968 ng/ml
Duloxetine	5.618	201136	1822.38	12.1	18787.54	11458	976.3675 ng/ml
EDDP	5.228	7582403	85853.19	42.5	1325.33	417955	1072.8085 ng/ml
Etizolam	5.778	1372305	604.17	27.9	7621.52	38972	1111.8168 ng/ml
Fentanyl	5.028	418298	2079.22	76.3	482107.14	191728	135.8760 ng/ml
Fluorofentanyl	5.074	2189522	72240.38	35.1	31682.86	4146	104.2227 ng/ml
Fluoxetine	5.678	2975615	1240387.63	7.4	562349.40	97127	1073.2007 ng/ml
Hydrocodone	2.965	2723418	∞	32.2	743.80	186983	879.2312 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.582	2846769	16859562.74	73.4	6964817.22	84246	1004.3287 ng/ml
Hydroxyzine	5.661	3725653	53723.38	80.9	324057.50	121078	1431.4687 ng/ml
Ketamine	3.982	5496271	203971.81	36.9	36127.97	218799	970.6001 ng/ml
Lamotrigine	4.227	206479	2906.12	89.2	4829.47	527318	738.9796 ng/ml
Lorazepam	5.711	777078	65770.39	51.0	3390.04	62367	854.8774 ng/ml
MDA	3.143	4131159	7969.53	22.0	12270.88	158669	649.0673 ng/ml
MDMA	3.251	5500079	121113.54	75.6	3460.57	57636	965.4008 ng/ml
Meprobamate	4.855	485781	7104.49	28.5	4444.44	53548	454.4326 ng/ml
Methadone	5.630	10308557	108160.07	41.9	3322.47	313780	1046.5759 ng/ml
Methamphetamine	3.171	8926300	64434.45	38.8	85508.66	644739	837.0123 ng/ml
Metoprolol	4.287	956722	650022.34	102.5	145221.05	592513	704.7675 ng/ml
Mirtazapine	4.498	13395994	850847.50	46.0	2036.92	349177	1261.0454 ng/ml
Mitragynine	5.156	1931172	85184.31	33.2	1038.21	313780	1187.5624 ng/ml
Morphine	1.227	456394	∞	29.0	∞	11328	945.8889 ng/ml
Norbuprenorphine	4.957	17664	32284.01	94.1	10351.69	10532	99.5295 ng/ml
Nordiazepam	5.851	1597908	1277.57	64.8	601.39	58868	996.1092 ng/ml
Norfentanyl	4.050	830764	19135.41	37.4	4553.91	286475	105.5948 ng/ml
Norhydrocodone	3.033	352704	323.01	36.8	285.97	20303	1676.5893 ng/ml
Noroxycodone	2.869	2022044	7372.44	50.0	902.68	59497	971.2588 ng/ml
O-desmethyl-tramadol	3.331	15014348	632172.05	5.5	993.94	798702	1048.4921 ng/ml
o-desmethylvenlafaxine	4.036	7785772	200043.17	24.5	3205.18	92497	1120.2770 ng/ml
Olanzapine	3.952	3306997	3813.86	59.7	29027.09	96825	745.7401 ng/ml
Oxazepam	5.713	951213	11242.75	76.8	24419.98	62367	950.7766 ng/ml
Oxycodone	2.787	6056597	1236.64	29.5	1384.07	236677	940.5847 ng/ml
Oxymorphone	1.385	1964929	∞	45.4	∞	62626	924.5495 ng/ml
Phentermine	3.733	2062830	∞	4.6 Low	335.53	488703	730.8034 ng/ml
Promethazine	5.508	11718292	105751.92	30.2	90527.77	451107	1109.1983 ng/ml
Pseudoephedrine	2.549	13228487	1972.25	14.1	35232.90	527318	1148.1598 ng/ml
Quetiapine	5.455	7608142	1287143.09	59.8	178950.10	101830	952.4240 ng/ml
Sertraline	5.747	605469	1710.06	96.8	5370.84	26353	1050.2030 ng/ml
Temazepam	5.795	1950152	23698.75	30.0	4718.13	93615	1082.7702 ng/ml
Tramadol	4.206	10829101	∞	3.5	490.71	592513	889.4894 ng/ml
Trazodone	4.869	6708842	52463.92	65.0 High	90982.69	335293	590.0004 ng/ml
Venlafaxine	5.002	12057319	4915.57	32.9	48618.65	637786	1071.8369 ng/ml
Zolpidem	4.660	14303365	21789.01	27.2	8038.89	664387	946.1518 ng/ml