

Worklist: 5372

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-4116	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-4396	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-4444	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-3283	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-3284	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-3301	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-3518	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-3526	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-3538	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-3615	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-3616	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date: 11/08/2021

Analyst: Celena Shrum

Plate lot#: 210610

Plate Retest Date: 12/10/2021

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20725

Blank Urine Lot: POC031319

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

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

Post-Analytic

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

Curve limits: 7-aminoclonazepam 5-500, alpha-hydroxyalprazolam 5-250, Amphetamine 5-500, Buprenorphine 2.5-100, Clonazolam 5-500, Codeine 5-500, ~~Dihydrocodeine~~^{Dihydrocodeine} 5-500, Lamotrigine 5-500, Lorazepam 5-100, Meprobamate 5-500, Methamphetamine 10-1000, Mirtazapine 5-500, Norbuprenorphine 1-100, Norhydrocodone 5-250.

A surrogate internal standard was used for alpha-hydroxyalprazolam.

	1	2	3	4	5	6	7	8	9	10	11	12
A					IS + Cal. 1	IS + QC_1	M2021-4396-3	P2021-3615-1				
B					IS + Cal. 2	IS + QC_2	M2021-4444-3	P2021-3616-1				
C					IS + Cal. 3	IS + QC_3	P2021-3283-1					
D					IS + Cal. 4	IS + QC_4	P2021-3284-1					
E					IS + Cal. 5	IS + QC_2	P2021-3301-1					
F					IS + Cal. 6	Blood NC	P2021-3518-1					
G					IS + Cal. 7	Urine NC	P2021-3526-1					
H					IS + Cal. 8	M2021-4116-2	P2021-3538-1					

Samples were all moved four columns over to the left (i.e. samples in column 5 were all moved to column 1, column 6 to column 2, column 7 to column 3, and column 8 to column 4) during the SLE portion of the extraction.

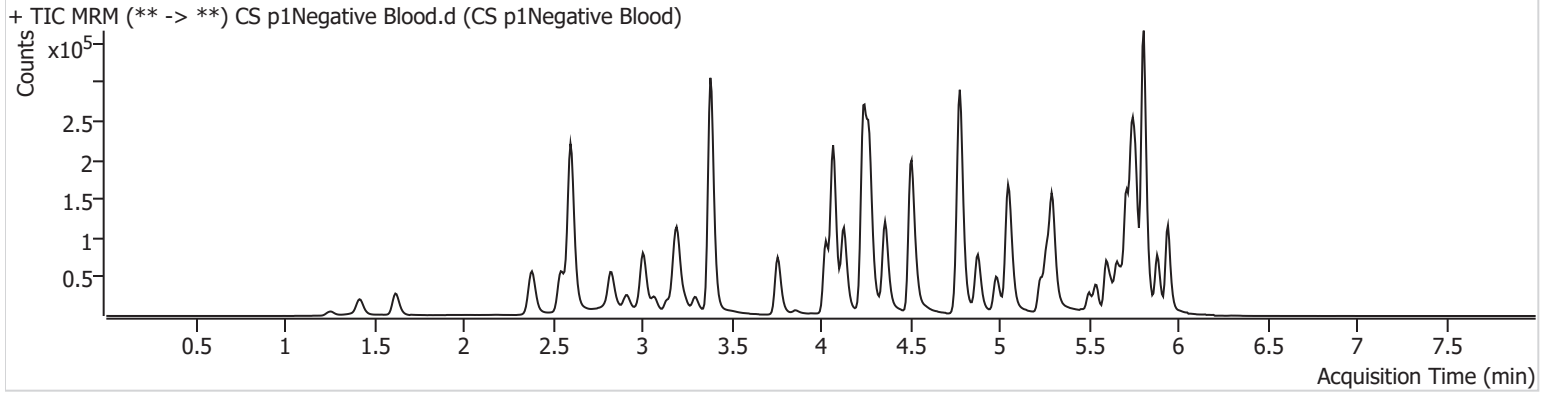
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument	Falco (069901)	Data File	CS p1Negative Blood.d
Type	Sample	Sample	CS p1Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	11/9/2021 8:50:54 AM		
Sample Info.			

Sample Chromatogram



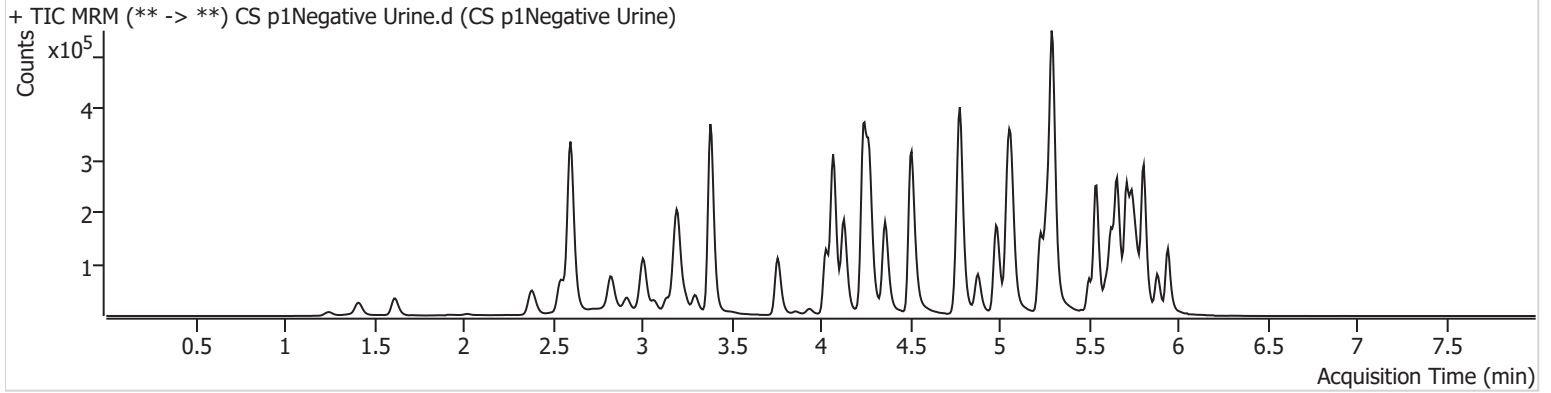
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument	Falco (069901)	Data File	CS p1Negative Urine.d
Type	Sample	Sample	CS p1Negative Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-G2	Comment	
Injection Volume	2		
Acq. Date-Time	11/9/2021 9:12:11 AM		
Sample Info.			

Sample Chromatogram



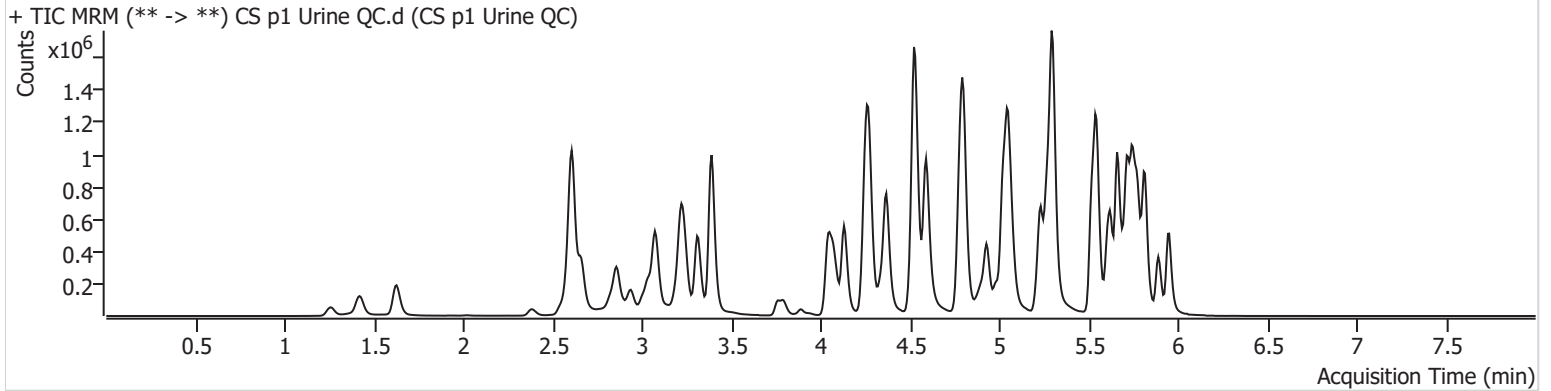


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument Falco (069901) **Data File** CS p1 Urine QC.d
Type QC **Sample** CS p1 Urine QC
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-E2 **Comment**
Injection Volume 2
Acq. Date-Time 11/9/2021 8:29:42 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	17488	1458.15	69.5	322.25	40581	11.2825 ng/ml
7-aminoclonazepam	4.251	230537	1328.43	80.1	5623.92	136497	119.3232 ng/ml
a-hydroxyalprazolam	5.692	113773	330.06	79.2	226.65	160216	116.4537 ng/ml
alpha-PHP	4.930	258936	11034.91	266.5	3384.04	373266	135.1774 ng/ml
alpha-PVP	4.370	955290	2127.69	49.7	755.99	373266	111.6812 ng/ml
Alprazolam	5.768	496018	2424.67	112.1	593.84	160216	116.7088 ng/ml
Amphetamine	3.076	919775	12275.13	44.8	540.78	91252	109.8346 ng/ml
Benzoylcegonine	3.886	41890	6429.67	8.4	177.65	8701	112.8174 ng/ml
Buprenorphine	5.656	16537	659.59	16.1	7797.67	56676	11.2365 ng/ml
Bupropion	4.781	911798	24544.56	66.3	4855.47	269121	120.3302 ng/ml
Carisoprodol	5.724	471198	6400253.90	50.0	7087.84	174702	108.8135 ng/ml
Citalopram	5.232	798907	10512.81	36.4	487246.05	310877	113.8612 ng/ml
Clonazepam	5.605	649190	6404.60	34.1	∞	77890	116.9546 ng/ml
Clonazepam	5.548	325667	7470.07	33.0	108282.58	77890	89.2349 ng/ml
Cocaine	4.271	704043	24546.67	52.4	325.46	498489	112.5035 ng/ml
Codeine	2.600	85515	426.28	108.7	155.01	42546	117.2707 ng/ml
Cyclobenzaprine	5.628	506505	525.65	8.7	∞	227218	106.3527 ng/ml
Dextromethorphan	5.275	480289	11616.76	80.9	17327.77	222771	110.0773 ng/ml
Dextrophan	4.132	291955	2667.45	219.9	694.32	349906	115.6214 ng/ml
Diazepam	5.953	455262	6660.74	88.1	6708.54	202944	115.5978 ng/ml
Dihydrocodeine	2.579	248196	196.45	59.1	1432.37	137733	115.4793 ng/ml
Diphenhydramine	5.303	2047858	85698.02	29.4	16694.80	978341	109.7789 ng/ml
Doxylamine	4.522	2080578	2420.21	99.1	15776.26	776170	114.2018 ng/ml
EDDP	5.268	462258	41995.56	43.1	12257.41	251612	107.4554 ng/ml
Etizolam	5.813	251928	6825.18	28.3	26101.41	77890	111.2743 ng/ml
Fentanyl	5.082	68931	∞	77.7	357.50	384144	11.0254 ng/ml
Flualprazolam	5.698	181501	9454.13	101.6	499.26	160216	130.2294 ng/ml
Fluoxetine	5.721	568477	39534.09	7.9	49815.98	179916	110.2405 ng/ml
Hydrocodone	3.032	375395	590.05	30.0	597.99	200546	117.8873 ng/ml
Hydromorphone	1.628	297255	1142308.18	73.7	1598.94	88447	113.8968 ng/ml
Ketamine	4.044	743355	32625.40	38.8	821.53	281099	114.5370 ng/ml
Lamotrigine	4.287	65287	5378.36	84.5	1226.73	281099	113.5612 ng/ml
Levetiracetam	2.663	301992	356.05	145.4	55.97	755471	73.3887 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	373834	10727.85	48.1	1015.95	77890	82.4813 ng/ml
MDA	3.223	971890	19015.93	28.6	1551.84	262079	118.8867 ng/ml
MDMA	3.310	627501	8894.02	91.9	3993.97	69679	112.2883 ng/ml
Meprobamate	4.904	263138	22444.44	25.7	5241.04	143582	121.9759 ng/ml
Methadone	5.659	1008770	3063.14	54.5	842.83	386828	115.0155 ng/ml
Methamphetamine	3.244	442856	6354.21	41.0	415.26	181931	132.8180 ng/ml
Metoprolol	4.340	203833	12072.98	83.7	3985.89	629267	143.9040 ng/ml
Mirtazapine	4.590	1591394	1182.12	45.3	33335.01	373266	196.3242 ng/ml
Mitragynine	5.210	306123	43936.86	34.6	1493.04	386828	168.8547 ng/ml
Morphine	1.261	51553	10711.40	19.7	318.13	7768	112.0503 ng/ml
Norbuprenorphine	5.006	2323	6055.98	82.9	2466.46	9055	13.0682 ng/ml
Nordiazepam	5.893	379959	19385.80	59.7	17007.73	113884	115.3993 ng/ml
Norfentanyl	4.099	160712	10770.76	33.0	520.27	676825	10.5863 ng/ml
Norhydrocodone	3.086	33265	220.68	35.4	71.53	34063	115.4815 ng/ml
Noroxycodone	2.936	290319	812.81	49.0	355.91	78160	113.0552 ng/ml
O-desmethyl-tramadol	3.389	1569133	2027.22	6.9	∞	797441	110.4489 ng/ml
Oxazepam	5.749	447886	∞	77.8	∞	222423	102.9752 ng/ml
Oxycodone	2.854	698613	7255.07	29.9	749.45	220950	114.2058 ng/ml
Oxymorphone	1.418	255398	∞	46.1	239.13	71613	116.4698 ng/ml
Phentermine	3.797	180909	701.01	6.9	326.56	230773	120.2438 ng/ml
Promethazine	5.545	1096550	2825.43	32.2	11279.92	448409	111.6994 ng/ml
Pseudoephedrine	2.616	1661972	45557.14	16.7	13515.29	755471	107.2257 ng/ml
Quetiapine	5.514	1059081	45768.60	56.7	53392.69	129680	108.2246 ng/ml
Sertraline	5.782	129433	494.62	98.9	14784.06	47986	110.7595 ng/ml
Temazepam	5.816	807440	771.97	29.8	227.24	416603	108.4364 ng/ml
Tramadol	4.252	1472233	6373.45	3.9	361.73	629267	118.0322 ng/ml
Trazodone	5.020	1215155	52348.12	77.1	5672.10	422403	116.8920 ng/ml
Venlafaxine	5.050	1250202	928.69	38.1	5760.20	571266	111.9736 ng/ml
Zolpidem	4.799	1742783	11981.64	30.4	8611.86	723151	112.8864 ng/ml

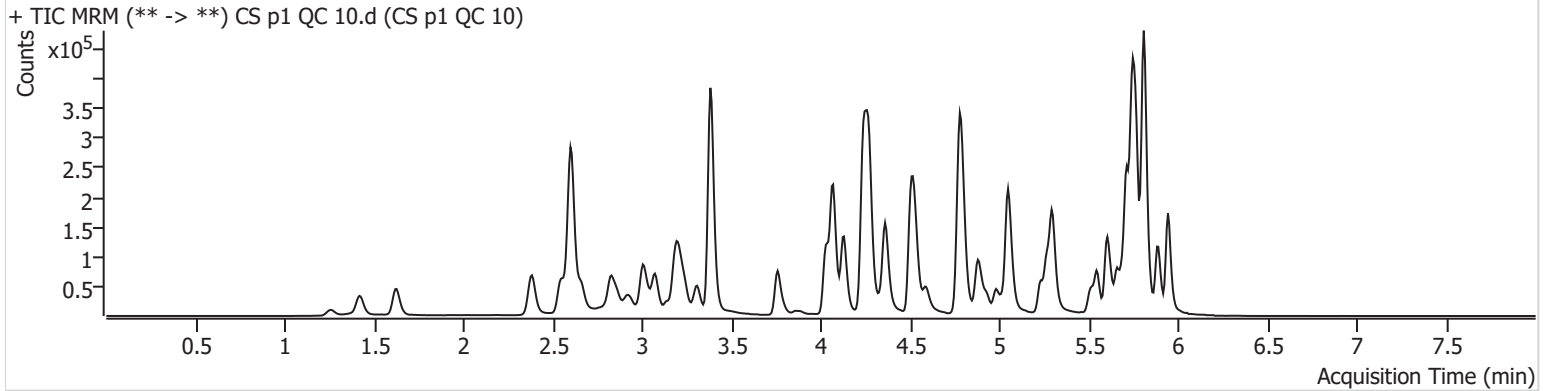
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument	Falco (069901)	Data File	CS p1 QC 10.d
Type	QC	Sample	CS p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-A2	Comment	
Injection Volume	2		
Acq. Date-Time	11/9/2021 7:15:27 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	1535	153.65	73.8	2299.21	36537	1.0718 ng/ml
7-aminoclonazepam	4.244	26134	545.10	84.1	142.74	150734	10.8020 ng/ml
a-hydroxyalprazolam	5.692	19647	541.05	71.7	94.80	264918	10.4984 ng/ml
alpha-PHP	4.937	14907	475.15	270.8	6135.81	266494	10.7241 ng/ml
alpha-PVP	4.370	69435	366.95	48.3	2983.85	266494	10.8311 ng/ml
Alprazolam	5.768	71404	553.05	121.9	1425.24	264918	10.3730 ng/ml
Amphetamine	3.076	90015	1835.99	44.9	303.09	73494	11.7134 ng/ml
Benzoylcegonine	3.886	4285	100.39	8.1	45.57	9868	11.5301 ng/ml
Buprenorphine	5.656	488	98.49	19.8	166.81	14534	0.8846 ng/ml*
Bupropion	4.781	35552	299.28	66.4	142.92	99777	11.4540 ng/ml
Carisoprodol	5.724	78186	67248.62	49.9	120.23	284852	11.1043 ng/ml
Citalopram	5.232	25841	1825.77	33.9	228.32	96631	11.1825 ng/ml
Clonazepam	5.605	99938	350.12	35.3	3847.40	110375	11.3276 ng/ml
Clonazepam	5.548	61775	4579.49	31.1	38280.90	110375	10.8513 ng/ml
Cocaine	4.271	61978	469.19	51.7	201.90	413625	10.9971 ng/ml
Codeine	2.600	8551	1192.45	119.4	63.27	41589	10.3609 ng/ml
Cyclobenzaprine	5.628	8127	65.80	8.4	46.86	34399	12.8967 ng/ml
Dextromethorphan	5.282	10743	1305.68	89.1	376.29	47192	10.5336 ng/ml
Dextrophan	4.132	18385	11292.70	225.5	330.18	231737	10.4983 ng/ml
Diazepam	5.953	54656	350.79	88.4	685.16	234697	11.2086 ng/ml
Dihydrocodeine	2.579	24415	1368.52	56.3	1490.41	129705	10.8819 ng/ml
Diphenhydramine	5.303	62806	1988.41	28.0	308.79	272464	11.2497 ng/ml
Doxylamine	4.529	138442	2936.57	103.4	432.70	530935	10.7073 ng/ml
EDDP	5.268	27034	102.73	43.3	79.14	128635	11.5608 ng/ml
Etizolam	5.813	35552	49711.48	26.5	21115.60	110375	10.8551 ng/ml
Fentanyl	5.082	878	83.08	82.6	1515.00	47536	1.1914 ng/ml
Flualprazolam	5.698	24210	6970.94	110.1	1081.50	264918	10.4654 ng/ml
Fluoxetine	5.714	9959	119.30	8.0	33.84	20806	15.9801 ng/ml
Hydrocodone	3.039	34087	246.91	29.0	38.76	168982	11.5433 ng/ml
Hydromorphone	1.628	31088	738.10	68.0	31.35	89818	10.9805 ng/ml
Ketamine	4.044	67547	318.62	38.9	∞	231905	11.3182 ng/ml
Lamotrigine	4.280	6251	669.50	85.5	1238.30	231905	11.1443 ng/ml
Levetiracetam	2.663	39868	365.91	146.4	2198.35	613433	9.7112 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	90399	417.55	48.9	336.92	110375	12.0972 ng/ml
MDA	3.223	65330	454.19	31.0	98.61	164547	11.2419 ng/ml
MDMA	3.310	41590	446.66	90.6	606.47	45217	10.7056 ng/ml
Meprobamate	4.904	38471	138933.77	26.4	302.06	193641	11.3549 ng/ml
Methadone	5.659	25132	349.81	54.4	154.29	94502	10.9849 ng/ml
Methamphetamine	3.244	53477	146.44	41.5	447.62	181666	12.6036 ng/ml
Metoprolol	4.333	15123	697.17	82.9	526.35	540552	11.6611 ng/ml
Mirtazapine	4.590	58054	564.48	46.6	740.53	266494	10.4795 ng/ml
Mitragynine	5.210	5428	261.11	31.5	4028.85	94502	11.6822 ng/ml
Morphine	1.267	4872	227.83	21.1	250.67	6965	10.7124 ng/ml
Norbuprenorphine	4.999	88	109.12	115.0	988.70	2288	1.3205 ng/ml
Nordiazepam	5.893	51124	104250.35	59.1	887.52	147074	11.0699 ng/ml
Norfentanyl	4.093	12510	1038.04	32.3	45.32	479547	1.1788 ng/ml
Norhydrocodone	3.086	3142	50.83	33.3	77.50	36926	10.3166 ng/ml
Noroxycodone	2.936	27685	296.62	47.7	503.45	71541	10.6958 ng/ml
O-desmethyl-tramadol	3.389	153680	313.91	6.7	196.30	773265	10.6153 ng/ml
Oxazepam	5.749	102432	203.31	76.8	108.65	420672	11.2551 ng/ml
Oxycodone	2.854	61188	672.51	29.3	319.29	189080	10.6630 ng/ml
Oxymorphone	1.425	27538	406.20	46.5	118.64	74391	11.0414 ng/ml
Phentermine	3.797	15658	215.88	7.2	25.02	190787	11.4981 ng/ml
Promethazine	5.545	14006	364.37	30.4	129.72	48616	12.6604 ng/ml
Pseudoephedrine	2.616	135174	521.19	16.6	349.58	613433	10.4901 ng/ml
Quetiapine	5.514	44264	8401.76	53.0	5832.63	46176	11.2805 ng/ml
Sertraline	5.782	4005	99.95	103.8	38.54	9261	17.6664 ng/ml
Temazepam	5.816	155498	616.43	29.9	80.04	736226	10.8764 ng/ml
Tramadol	4.252	128102	380.22	3.9	59.84	540552	10.9075 ng/ml
Trazodone	5.020	34175	411.64	73.9	2591.05	100680	11.5877 ng/ml
Venlafaxine	5.050	81909	4567.14	38.7	1036.35	368156	10.9500 ng/ml
Zolpidem	4.799	164665	2726.27	31.6	1365.20	664447	10.7521 ng/ml

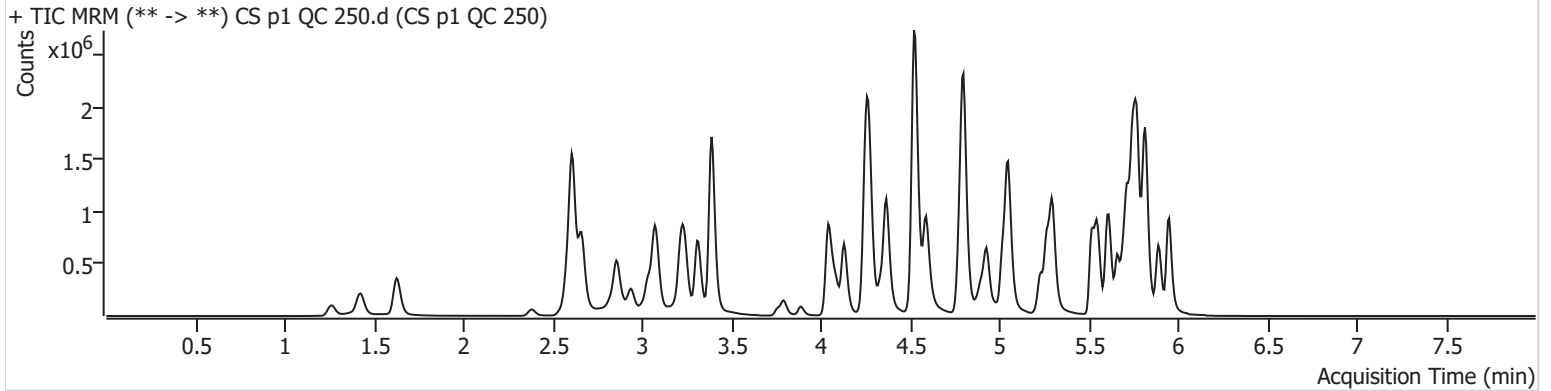


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument Falco (069901) **Data File** CS p1 QC 250.d
Type QC **Sample** CS p1 QC 250
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-C2 **Comment**
Injection Volume 2
Acq. Date-Time 11/9/2021 7:36:39 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	35827	366.27	71.9	25670.69	34423	27.2937 ng/ml
7-aminoclonazepam	4.244	439215	11611.65	78.4	10116.07	115389	270.9383 ng/ml
a-hydroxyalprazolam	5.692	229640	1570.43	75.4	4447.36	172591	219.8208 ng/ml
alpha-PPH	4.930	359415	1388.34	265.1	8147.86	257109	272.5955 ng/ml
alpha-PVP	4.370	1593051	∞	49.4	31798.39	257109	271.2326 ng/ml
Alprazolam	5.768	1295434	∞	115.2	3076.09	172591	282.6183 ng/ml
Amphetamine	3.076	1627199	727.42	43.1	1276.34	66060	271.0933 ng/ml
Benzoylecgonine	3.886	101242	300.54	7.9	145.18	9329	252.4527 ng/ml
Buprenorphine	5.656	9061	685.11	18.7	132.75	14278	24.9838 ng/ml
Bupropion	4.781	872099	75930.71	66.2	1225.91	111241	280.2002 ng/ml
Carisoprodol	5.724	1085309	2092475.84	49.1	10235.55	162272	269.7763 ng/ml
Citalopram	5.232	583997	770.84	36.1	386.64	97185	267.2382 ng/ml
Clonazepam	5.605	1544630	48653.86	34.0	35670.14	76616	285.0923 ng/ml
Clonazepam	5.548	975919	22845.97	33.4	816353.80	76616	274.4382 ng/ml
Cocaine	4.271	1310753	52315.93	53.9	1275.02	395103	265.6774 ng/ml
Codeine	2.600	160955	780.91	106.6	458.05	35495	266.8594 ng/ml
Cyclobenzaprine	5.628	179546	452156.07	8.7	733.04	33993	249.5072 ng/ml
Dextromethorphan	5.275	247434	381.97	81.4	414.39	48121	264.2142 ng/ml
Dextrophan	4.132	429969	774659.85	218.5	1740.89	215095	277.7646 ng/ml
Diazepam	5.953	968868	12363.07	87.4	24377.03	176760	283.7282 ng/ml
Dihydrocodeine	2.579	507678	15509.36	59.1	561.21	122944	266.3251 ng/ml
Diphenhydramine	5.303	1449514	34951.18	28.6	4913.11	280249	272.6494 ng/ml
Doxylamine	4.522	3594271	191369.69	101.4	3272.84	556388	275.8467 ng/ml
EDDP	5.268	825831	580.39	43.0	14744.76	179160	270.8506 ng/ml
Etizolam	5.813	592905	2478.15	28.4	13522.68	76616	266.5842 ng/ml
Fentanyl	5.082	19451	2493.28	80.0	20162.74	45739	26.0419 ng/ml
Flualprazolam	5.698	420474	4074.32	99.0	8501.55	172591	280.1132 ng/ml
Fluoxetine	5.721	133279	3561.93	8.0	22592.32	17996	259.5372 ng/ml
Hydrocodone	3.039	686450	306.07	30.5	1031.66	157498	276.2172 ng/ml
Hydromorphone	1.628	622823	1404844.90	73.1	3989.61	76729	276.2687 ng/ml
Ketamine	4.044	1458866	1000.62	39.2	1565.07	229891	276.8949 ng/ml
Lamotrigine	4.287	121899	3399.68	85.1	13735.31	229891	262.2209 ng/ml
Levetiracetam	2.663	774136	45234.47	144.6	23945.82	546302	266.9061 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	770273	50313.43	48.4	3051.83	76616	175.3869 ng/ml *
MDA	3.223	1225804	5834.66	29.1	966.91	140338	282.2789 ng/ml
MDMA	3.316	942702	2928.59	93.0	3006.16	42841	275.5963 ng/ml
Meprobamate	4.904	585009	1733209.68	24.8	327.54	150817	260.5073 ng/ml
Methadone	5.659	622430	29145.56	51.7	323.25	97295	283.3555 ng/ml
Methamphetamine	3.244	774168	5302.44	41.1	985.77	155086	276.5068 ng/ml
Metoprolol	4.340	317546	121470.19	86.4	1707.75	493988	286.4051 ng/ml
Mirtazapine	4.590	1440733	56081.37	45.6	125418.88	257109	257.8876 ng/ml
Mitragynine	5.210	117369	211011.81	34.6	392.36	97295	257.7178 ng/ml
Morphine	1.267	104245	21546.22	21.4	479.93	6327	280.0046 ng/ml
Norbuprenorphine	4.999	1170	183.42	107.8	790.30	2287	26.8120 ng/ml
Nordiazepam	5.893	813533	1121.75	59.8	3055.27	101652	278.3015 ng/ml
Norfentanyl	4.093	303137	233.22	32.9	2830.76	522027	25.8636 ng/ml
Norhydrocodone	3.086	65915	118.49	36.3	78.41	25416	306.2096 ng/ml
Noroxycodone	2.936	514997	770.28	47.7	19330.03	58822	268.1212 ng/ml
O-desmethyl-tramadol	3.389	3351574	63477.27	6.8	9919.20	695578	271.3308 ng/ml
Oxazepam	5.749	1092712	8596.91	76.5	18799.04	200372	281.2026 ng/ml
Oxycodone	2.854	1334169	35393.90	29.8	1876.84	176735	274.2526 ng/ml
Oxymorphone	1.425	495795	∞	46.0	∞	57014	285.6781 ng/ml
Phentermine	3.797	325362	668.94	6.8	532.46	174571	287.5580 ng/ml
Promethazine	5.545	316493	21297.64	32.5	3441.61	53821	269.3961 ng/ml
Pseudoephedrine	2.616	2973759	244686.81	16.2	37588.66	546302	265.7278 ng/ml
Quetiapine	5.514	1145648	895.70	56.7	1180414.17	55734	274.8408 ng/ml
Sertraline	5.789	57720	366.24	101.2	4232.01	9089	260.9105 ng/ml
Temazepam	5.816	2143585	1710.29	28.7	632.03	449285	268.4774 ng/ml
Tramadol	4.252	2786226	14004.41	3.9	18064.73	493988	286.1955 ng/ml
Trazodone	5.020	931672	2535.85	77.9	62800.68	131582	291.3578 ng/ml
Venlafaxine	5.050	1995625	104528.50	38.7	1327.56	374815	273.1090 ng/ml
Zolpidem	4.799	3714427	28818.28	29.7	9795.47	629937	277.5795 ng/ml

*Outside curve range.

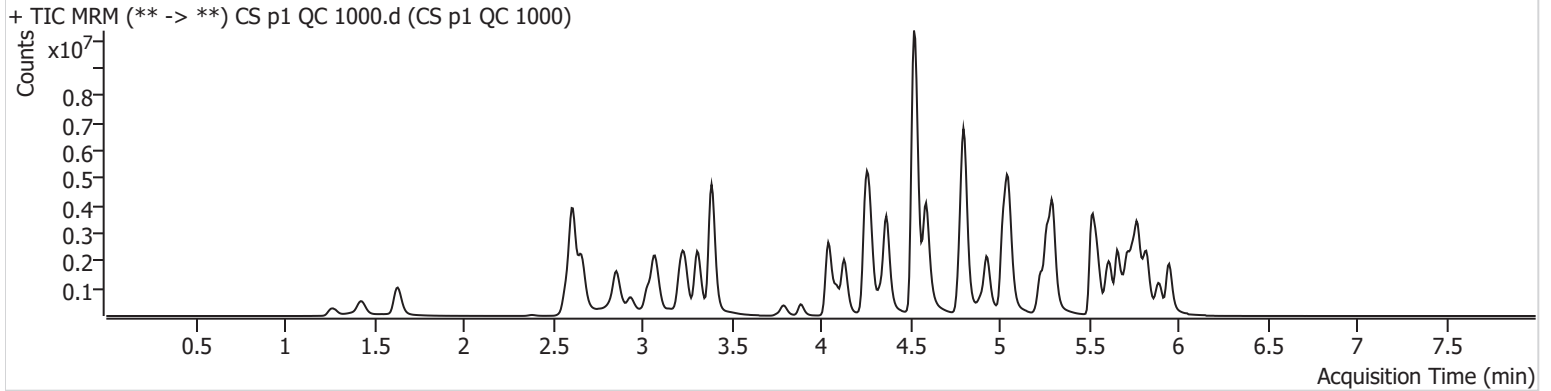


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument	Falco (069901)	Data File	CS p1 QC 1000.d
Type	QC	Sample	CS p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-D2	Comment	
Injection Volume	2		
Acq. Date-Time	11/9/2021 7:57:53 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	137814	1739.59	72.2	586.48	34384	105.1995 ng/ml
7-aminoclonazepam	4.244	950191	19644.49	76.6	11103.01	100487	675.4626 ng/ml *
a-hydroxyalprazolam	5.685	343930	638.63	75.2	1168.94	103049	554.2034 ng/ml *
alpha-PHP	4.937	1333077	81123.76	268.7	148064.56	227357	1143.9831 ng/ml
alpha-PVP	4.370	5764361	182404.30	50.2	1102358.65	227357	1111.7266 ng/ml
Alprazolam	5.775	3071859	319.78	111.7	264.26	103049	1121.7463 ng/ml
Amphetamine	3.076	4358212	2512.31	43.8	2921.58	57334	840.4779 ng/ml *
Benzoylecgonine	3.886	497785	669.03	8.1	2925.49	9263	1244.2667 ng/ml
Buprenorphine	5.649	35189	809.06	16.1	7358.92	13950	100.6812 ng/ml
Bupropion	4.781	2522892	206338.79	65.2	35304.37	96634	936.2391 ng/ml
Carisoprodol	5.724	1966316	203593.99	49.5	34240.02	71667	1106.5865 ng/ml
Citalopram	5.232	2398274	90337.00	37.4	3141.46	94375	1132.5321 ng/ml
Clonazepam	5.612	3130562	33541.81	33.4	25597.40	46978	945.8974 ng/ml
Clonazepam	5.555	1926206	356362.36	34.5	297186.60	46978	886.1970 ng/ml *
Cocaine	4.271	4085570	1626.49	52.7	181406.10	307471	1067.2791 ng/ml
Codeine	2.593	385602	103.84	100.1	11055.51	28297	805.6143 ng/ml *
Cyclobenzaprine	5.628	924252	107704.06	8.3	2466.88	41319	1050.7922 ng/ml
Dextromethorphan	5.275	932011	1715.69	80.5	629.72	44596	1077.6294 ng/ml
Dextrophan	4.132	1481206	2074.25	219.5	72025.18	178017	1157.9053 ng/ml
Diazepam	5.953	2357961	1040.49	88.5	19040.60	118984	1028.1250 ng/ml
Dihydrocodeine	2.572	1551635	21992.02	60.3	16121.38	126937	790.9641 ng/ml *
Diphenhydramine	5.303	6047027	283549.20	29.2	43268.19	290703	1099.3757 ng/ml
Doxylamine	4.522	14955042	443660.74	98.5	644655.52	580495	1101.4092 ng/ml
EDDP	5.268	3994572	6198.89	43.2	781.85	210600	1117.0996 ng/ml
Etizolam	5.813	1520780	6569.21	28.0	312416.85	46978	1115.9592 ng/ml
Fentanyl	5.082	100525	2394.06	77.1	1221.48	47643	128.9580 ng/ml
Flualprazolam	5.698	905966	598570.78	93.1	272.46	103049	1010.9541 ng/ml
Fluoxetine	5.721	522637	1300294.59	8.0	108397.94	15819	1160.7618 ng/ml
Hydrocodone	3.032	2274790	14953.21	32.0	∞	149637	966.6613 ng/ml
Hydromorphone	1.635	2049782	4910148.77	74.0	11582164.4	63847	1095.1589 ng/ml
Ketamine	4.044	5157686	∞	38.2	17751.43	225182	1003.2096 ng/ml
Lamotrigine	4.287	297591	22382.06	84.0	27909.90	225182	656.9800 ng/ml *

*Outside curve range.

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.663	2141695	4797.34	148.5	125299.15	391258	1038.6159 ng/ml
Lorazepam	5.740	898781	24842.62	49.1	5854.91	46978	335.9085 ng/ml *
MDA	3.216	3196949	6383.50	27.8	3563.06	117870	880.0294 ng/ml
MDMA	3.310	3262990	243721.51	92.4	19853.36	37258	1099.4195 ng/ml
Meprobamate	4.904	1232402	2278959.70	24.9	14286.71	111551	745.8387 ng/ml *
Methadone	5.659	2849958	57932.99	53.8	61011.87	108644	1164.4612 ng/ml
Methamphetamine	3.244	2643862	38899.60	41.2	27757.03	152645	969.1161 ng/ml
Metoprolol	4.340	958187	1868371.36	88.8	124360.73	445907	959.3757 ng/ml
Mirtazapine	4.590	6607627	164849.45	43.7	5947.51	227357	1335.5479 ng/ml *
Mitragynine	5.210	512907	751091.88	34.4	1850.88	108644	1010.3875 ng/ml
Morphine	1.261	316074	7456.86	22.1	291.60	5346	1007.9202 ng/ml
Norbuprenorphine	5.006	4108	3871.01	102.0	4021.37	2132	103.1121 ng/ml
Nordiazepam	5.900	1648502	27835.10	59.4	2011.55	56392	1019.3769 ng/ml
Norfentanyl	4.093	1299828	308.88	33.1	10819.47	523084	110.6188 ng/ml
Norhydrocodone	3.086	266639	225.75	37.9	567.26	20655	1523.1056 ng/ml *
Noroxycodone	2.936	1381241	12654.36	48.3	762.50	42350	1002.0959 ng/ml
O-desmethyl-tramadol	3.389	11527245	165283.46	6.7	28724.21	580993	1119.1249 ng/ml
Oxazepam	5.749	1187748	26834.90	76.6	8313.15	61803	994.4218 ng/ml
Oxycodone	2.854	4650401	∞	29.9	1644.34	169001	1002.7103 ng/ml
Oxymorphone	1.425	1481190	553.67	46.3	587.85	48158	1013.3784 ng/ml
Phentermine	3.797	1011594	7482.55	6.5	1754.41	171006	915.3410 ng/ml
Promethazine	5.545	1647583	121488.89	31.8	1798.76	67693	1116.7909 ng/ml
Pseudoephedrine	2.616	9387102	209664.87	15.6	8052336.00	391258	1172.1534 ng/ml
Quetiapine	5.514	5094758	1425.97	60.5	4297.32	68584	997.4421 ng/ml
Sertraline	5.789	208364	66925.89	98.7	297.97	7796	1098.4025 ng/ml
Temazepam	5.823	3036777	27573.75	28.4	5982.28	162206	1056.5841 ng/ml
Tramadol	4.252	8834406	∞	3.8	453.80	445907	1008.2331 ng/ml
Trazodone	5.020	4691600	1606.80	78.1	1740.62	186316	1042.5550 ng/ml
Venlafaxine	5.050	7627220	361181.43	36.7	21518.13	346459	1130.7590 ng/ml
Zolpidem	4.799	12945366	2359.02	28.1	140655.15	589190	1036.9145 ng/ml

*Outside curve range.

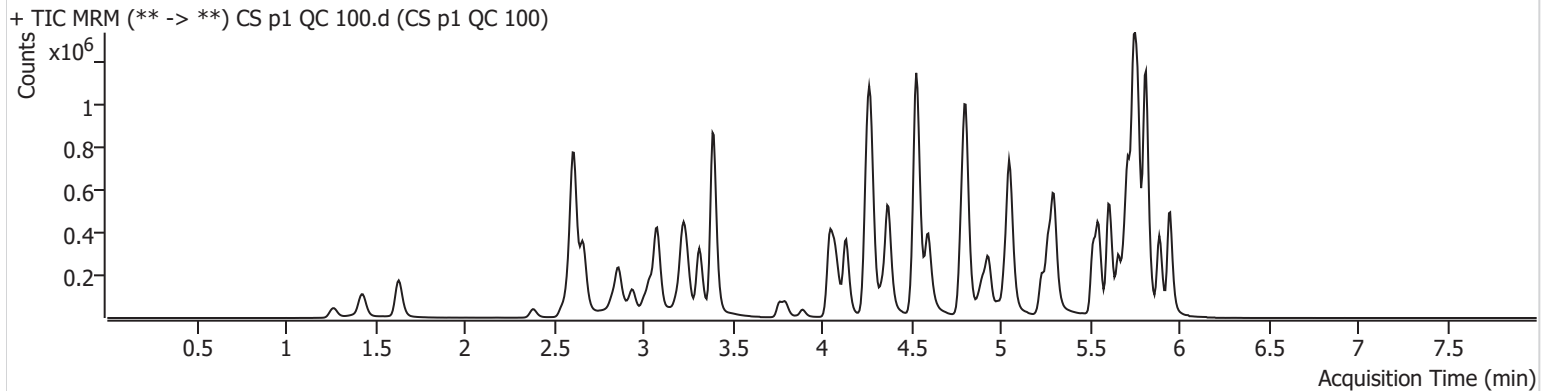
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument	Falco (069901)	Data File	CS p1 QC 100.d
Type	QC	Sample	CS p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	11/9/2021 1:27:04 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.158	13564	438.45	75.9	224.89	34592	10.2634 ng/ml
7-aminoclonazepam	4.251	202073	20531.95	79.4	15201.91	121591	117.3863 ng/ml
a-hydroxyalprazolam	5.692	137200	783.41	75.8	6004.68	203085	110.6992 ng/ml
alpha-PHP	4.937	153058	201.90	265.6	61003.94	265309	112.3851 ng/ml
alpha-PVP	4.376	657106	37580.47	49.4	1490.53	265309	108.0607 ng/ml
Alprazolam	5.768	580441	1255.31	115.8	9374.42	203085	107.7616 ng/ml
Amphetamine	3.083	746081	1195.62	44.5	6112.29	69367	117.3255 ng/ml
Benzoylcegonine	3.892	40183	6584.61	7.8	1757.50	8135	115.7230 ng/ml
Buprenorphine	5.656	4311	435.65	17.0	1543.34	16100	10.2728 ng/ml
Bupropion	4.788	354814	791.87	66.7	5636.12	109772	114.7361 ng/ml
Carisoprodol	5.724	562966	2347045.44	49.9	465.74	208285	109.0434 ng/ml
Citalopram	5.232	262707	225.98	35.6	688.72	101404	114.7913 ng/ml
Clonazepam	5.605	772816	2078.98	33.4	8545.48	90353	120.0620 ng/ml
Clonazepam	5.548	462453	410120.77	32.1	367117.57	90353	109.5189 ng/ml
Cocaine	4.277	576140	465.47	52.3	1705.58	405799	113.0994 ng/ml
Codeine	2.600	74717	138.03	110.7	132.55	36714	118.7642 ng/ml
Cyclobenzaprine	5.628	77946	155.20	8.8	90.90	37586	99.0666 ng/ml
Dextromethorphan	5.282	113189	3882.04	81.2	430.96	50884	113.6109 ng/ml
Dextrophan	4.139	192593	692.93	217.8	293.90	232767	114.6500 ng/ml
Diazepam	5.953	439934	15384.39	87.3	7662.05	195437	115.9993 ng/ml
Dihydrocodeine	2.579	215328	7164.05	56.7	6289.73	120205	114.7877 ng/ml
Diphenhydramine	5.303	674222	40687.25	28.5	1168.61	311637	113.4971 ng/ml
Doxylamine	4.529	1426828	3363.77	102.4	3321.01	553074	109.8925 ng/ml
EDDP	5.268	339531	7161.17	42.7	154.93	176128	112.7932 ng/ml
Etizolam	5.813	271510	15795.94	28.9	37991.94	90353	103.3634 ng/ml
Fentanyl	5.089	8778	61.22	78.8	5553.09	54095	9.9761 ng/ml
Flualprazolam	5.698	189198	19908.76	106.1	1793.62	203085	107.0885 ng/ml
Fluoxetine	5.721	74989	4449.67	7.8	3670.62	22886	114.3541 ng/ml
Hydrocodone	3.039	297272	4318.40	30.4	416.37	155132	120.7132 ng/ml
Hydromorphone	1.635	269027	12877.95	74.3	3563.53	82056	111.0885 ng/ml
Ketamine	4.051	593101	1575.74	39.4	391.67	221524	115.9803 ng/ml
Lamotrigine	4.287	55017	888.82	82.8	3300.23	221524	121.5941 ng/ml
Levetiracetam	2.670	327943	7881.75	144.0	8540.99	572018	106.4059 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	553624	29922.44	49.2	3715.10	90353	105.9601 ng/ml
MDA	3.223	601752	1889.72	29.8	541.99	162423	118.7715 ng/ml
MDMA	3.316	409527	795586.24	91.6	3591.89	45394	112.4903 ng/ml
Meprobamate	4.911	280936	784.95	25.8	19154.94	156828	119.1790 ng/ml
Methadone	5.659	280650	684.31	51.1	1626.05	111306	111.1788 ng/ml
Methamphetamine	3.251	344811	177.77	41.1	24174.80	155912	120.3105 ng/ml
Metoprolol	4.340	143364	208323.89	82.7	851.47	536344	118.6026 ng/ml
Mirtazapine	4.597	587471	46830.20	46.1	1079.25	265309	102.1912 ng/ml
Mitragynine	5.216	49621	984.06	33.9	20489.43	111306	94.8535 ng/ml
Morphine	1.274	43862	6237.20	20.5	707.34	6469	114.5096 ng/ml
Norbuprenorphine	5.006	522	212.82	102.3	5627.26	2647	9.8630 ng/ml
Nordiazepam	5.893	397642	843.64	59.1	1284.52	119315	115.2716 ng/ml
Norfentanyl	4.099	122884	186.66	33.2	108.89	517696	10.5826 ng/ml
Norhydrocodone	3.093	27713	113.86	36.7	122.97	29323	111.7656 ng/ml
Noroxycodone	2.943	241000	1233.68	49.4	2265.45	64910	113.0055 ng/ml
O-desmethyl-tramadol	3.396	1377670	21552.03	6.7	2091.73	701352	110.2569 ng/ml
Oxazepam	5.749	687589	8883.70	76.3	4146.42	296008	118.9965 ng/ml
Oxycodone	2.861	549279	1158.04	29.5	1936.06	173142	114.5909 ng/ml
Oxymorphone	1.432	222649	∞	46.4	669.24	64716	112.3158 ng/ml
Phentermine	3.803	141182	1973.45	7.2	202.04	181168	119.5251 ng/ml
Promethazine	5.545	133782	164.99	31.9	2911.28	56214	108.6900 ng/ml
Pseudoephedrine	2.616	1262556	44849.76	16.7	34569.62	572018	107.5815 ng/ml
Quetiapine	5.521	470854	704.01	54.3	394.56	52776	118.3767 ng/ml
Sertraline	5.782	27851	1385.45	101.5	42551.88	10376	110.2237 ng/ml
Temazepam	5.816	1158406	1974.53	28.8	345.54	573298	113.0940 ng/ml
Tramadol	4.259	1201091	131849.41	3.8	192.23	536344	112.9274 ng/ml
Trazodone	5.027	367387	6845.88	76.8	∞	121676	122.8116 ng/ml
Venlafaxine	5.050	830670	46818.58	38.7	662.58	393162	108.0845 ng/ml
Zolpidem	4.806	1473579	8241.13	30.6	80322.17	599642	115.1276 ng/ml

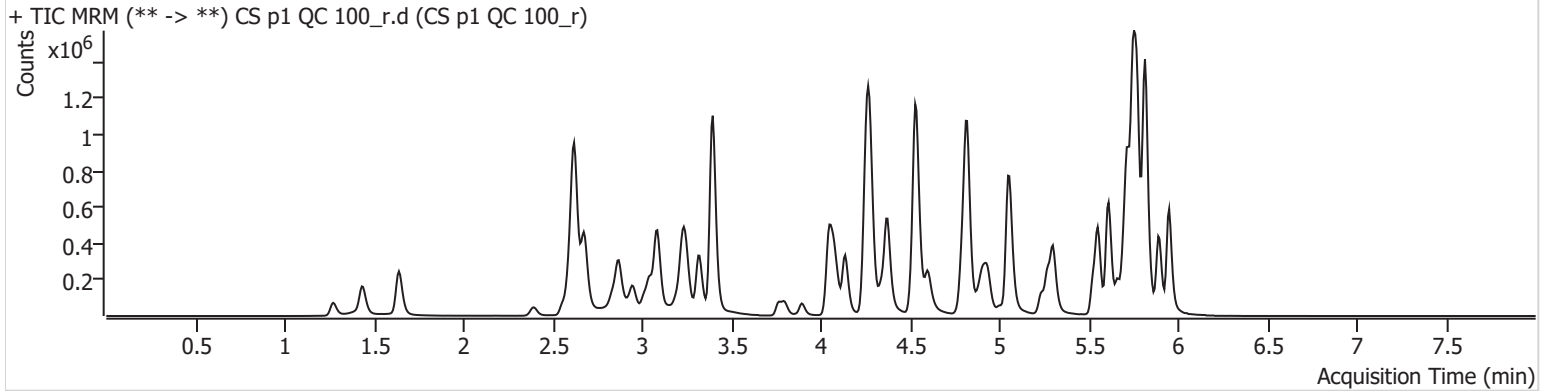
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument	Falco (069901)	Data File	CS p1 QC 100_r.d
Type	QC	Sample	CS p1 QC 100_r
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	11/10/2021 6:13:03 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.158	17795	428.83	72.3	31722.91	43803	10.6341 ng/ml
7-aminoclonazepam	4.258	258335	8909.47	80.3	4803.15	151276	120.6658 ng/ml
a-hydroxyalprazolam	5.692	166012	1549.34	74.5	437.92	248537	109.4291 ng/ml
alpha-PHP	4.937	121178	2443.88	264.7	1094.09	269569	87.5286 ng/ml
alpha-PVP	4.376	662180	24712.39	49.9	9302.90	269569	107.1695 ng/ml
Alprazolam	5.775	735574	893.40	114.8	∞	248537	111.5802 ng/ml
Amphetamine	3.090	797595	10774.93	45.7	363.97	79623	109.1426 ng/ml
Benzoylcegonine	3.892	77331	14546.43	8.0	17566.64	11094	162.6873 ng/ml
Buprenorphine	5.677	2839	7898.61	16.1	778.27	9050	12.1162 ng/ml
Bupropion	4.788	194454	244.67	65.6	1540.81	63487	108.6528 ng/ml
Carisoprodol	5.724	746399	123315.39	49.8	430.07	275604	109.2597 ng/ml
Citalopram	5.239	155211	250.28	37.1	245234.81	63412	108.4114 ng/ml
Clonazepam	5.612	908170	3668.25	34.7	9561.53	108037	117.9689 ng/ml
Clonazepam	5.548	598081	795168.47	33.6	618951.37	108037	118.5572 ng/ml
Cocaine	4.277	623099	465.13	52.4	414277.81	457338	108.4910 ng/ml
Codeine	2.614	92515	4378.13	108.5	25441.33	46644	115.6989 ng/ml
Cyclobenzaprine	5.628	64189	13973.06	8.9	317.10	30921	99.1665 ng/ml
Dextromethorphan	5.282	71812	185837.75	81.7	682.41	32265	113.6756 ng/ml
Dextrophan	4.139	168370	688.32	219.2	14238.26	201077	116.0335 ng/ml
Diazepam	5.953	512521	977.83	88.5	1407.04	226367	116.6791 ng/ml
Dihydrocodeine	2.592	274885	617.36	58.3	1395.33	154491	114.0069 ng/ml
Diphenhydramine	5.303	431402	48036.12	28.6	462.63	200266	113.0028 ng/ml
Doxylamine	4.536	1422719	1084.63	102.3	983800.00	570360	106.2404 ng/ml
EDDP	5.275	220020	698.94	42.6	980.43	117634	109.4115 ng/ml
Etizolam	5.813	332608	2191.38	27.6	181687.96	108037	105.9025 ng/ml
Fentanyl	5.089	7111	213.96	78.7	12265.94	38418	11.3710 ng/ml
Flualprazolam	5.705	254417	632.92	103.4	7481.30	248537	117.6726 ng/ml
Fluoxetine	5.721	68071	3666.27	7.3	195.99	21018	113.0176 ng/ml
Hydrocodone	3.045	354439	1302.46	31.0	673.25	188749	118.2672 ng/ml
Hydromorphone	1.641	338399	7503.76	73.7	1017971.91	100430	114.1931 ng/ml
Ketamine	4.051	709358	606.80	39.7	419.36	271295	113.2319 ng/ml
Lamotrigine	4.294	65109	610.75	84.6	120382.38	271295	117.4205 ng/ml
Levetiracetam	2.676	442421	432.84	143.4	14509.77	703318	117.0090 ng/ml

AM #28 Multi-Drug Quant. Results

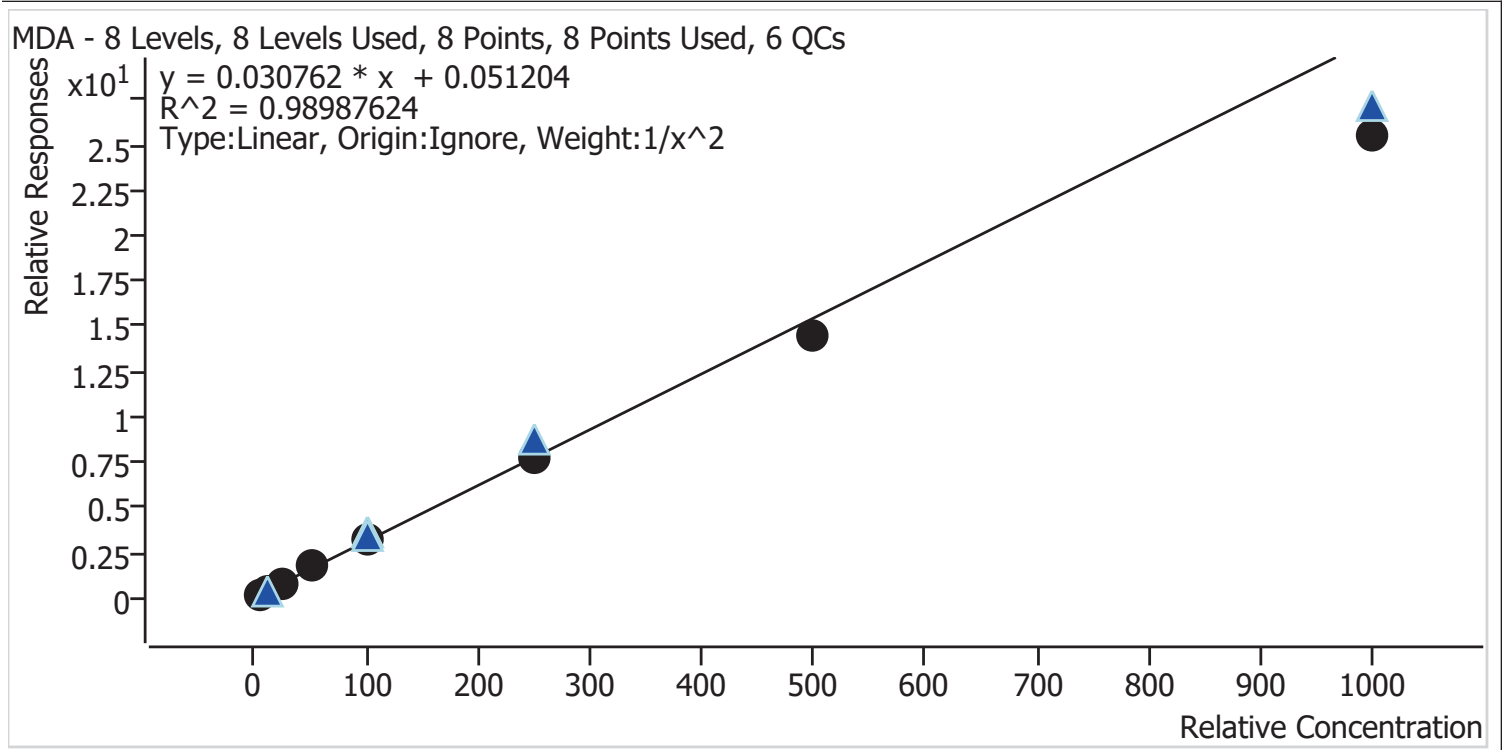


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	603111	21112.44	49.3	2223.08	108037	96.3248 ng/ml
MDA	3.230	615410	5656.24	30.3	1016.33	175130	112.5683 ng/ml
MDMA	3.323	408520	709099.23	93.9	1700.60	47415	107.3934 ng/ml
Meprobamate	4.911	408949	312.01	25.0	20353.61	214454	127.0028 ng/ml
Methadone	5.666	161950	407.13	55.3	2653.11	66354	107.5928 ng/ml
Methamphetamine	3.251	393525	447.21	41.5	333.77	169716	126.3307 ng/ml
Metoprolol	4.340	159069	5874.57	83.7	222385.16	629574	112.0620 ng/ml
Mirtazapine	4.604	324457	25350.55	45.5	46963.05	269569	55.7635 ng/ml
Mitragynine	5.216	29400	2168.47	35.7	187.25	66354	94.2694 ng/ml
Morphine	1.274	57353	1007.28	19.8	4172.64	8275	117.0795 ng/ml
Norbuprenorphine	5.006	403	2600.56	85.2	296.84	1395	14.8076 ng/ml
Nordiazepam	5.900	456297	78416.65	60.4	815.87	141097	111.8229 ng/ml
Norfentanyl	4.099	140253	497.50	32.9	317.63	588924	10.6176 ng/ml
Norhydrocodone	3.100	35546	134.36	35.8	124.03	36490	115.1912 ng/ml
Noroxycodone	2.950	297868	1145.56	49.1	150.46	82886	109.3423 ng/ml
O-desmethyl-tramadol	3.396	1755062	95344.51	6.9	11315.71	892983	110.3182 ng/ml
Oxazepam	5.756	822496	5742.46	75.6	6435.59	347844	121.1561 ng/ml
Oxycodone	2.868	704628	915.25	29.8	3901.57	228374	111.4168 ng/ml
Oxymorphone	1.438	285670	459.53	46.3	∞	84183	110.7668 ng/ml
Phentermine	3.803	148469	2095.14	7.2	57.76	187053	121.7626 ng/ml
Promethazine	5.545	112779	545.57	30.8	128.93	45341	113.6250 ng/ml
Pseudoephedrine	2.623	1539886	83927.48	16.7	177775.89	703318	106.7148 ng/ml
Quetiapine	5.521	297832	13434.38	53.8	570689.99	33390	118.3500 ng/ml
Sertraline	5.789	27417	477.73	100.2	222.10	9744	115.5498 ng/ml
Temazepam	5.816	1441463	18014.19	27.9	576.27	684839	117.8518 ng/ml
Tramadol	4.259	1415830	57346.83	3.9	268.17	629574	113.4098 ng/ml
Trazodone	5.040	243089	1706.22	76.5	772094.96	85334	115.7270 ng/ml
Venlafaxine	5.057	864665	3096.81	39.2	510.42	410651	107.7149 ng/ml
Zolpidem	4.819	1766707	1533.84	30.5	53579.96	734869	112.6090 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

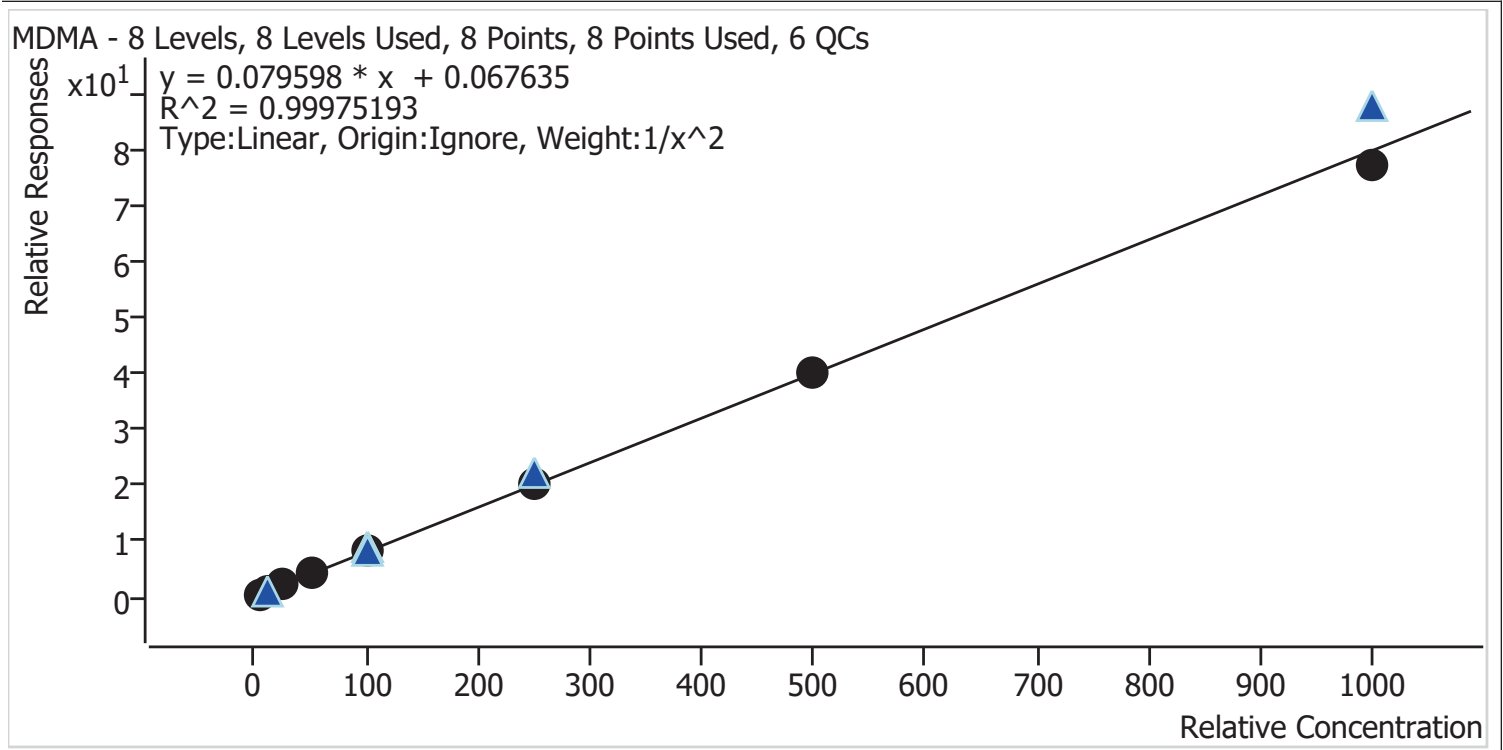


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
CS p1 Cal 2-10ng	2	✓	10.0	10.6	106.2
CS p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
CS p1 Cal 4-50ng	4	✓	50.0	54.6	109.2
CS p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
CS p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
CS p1 Cal 7-500ng	7	✓	500.0	471.4	94.3
CS p1 Cal 8-1000ng	8	✓	1000.0	831.0	83.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

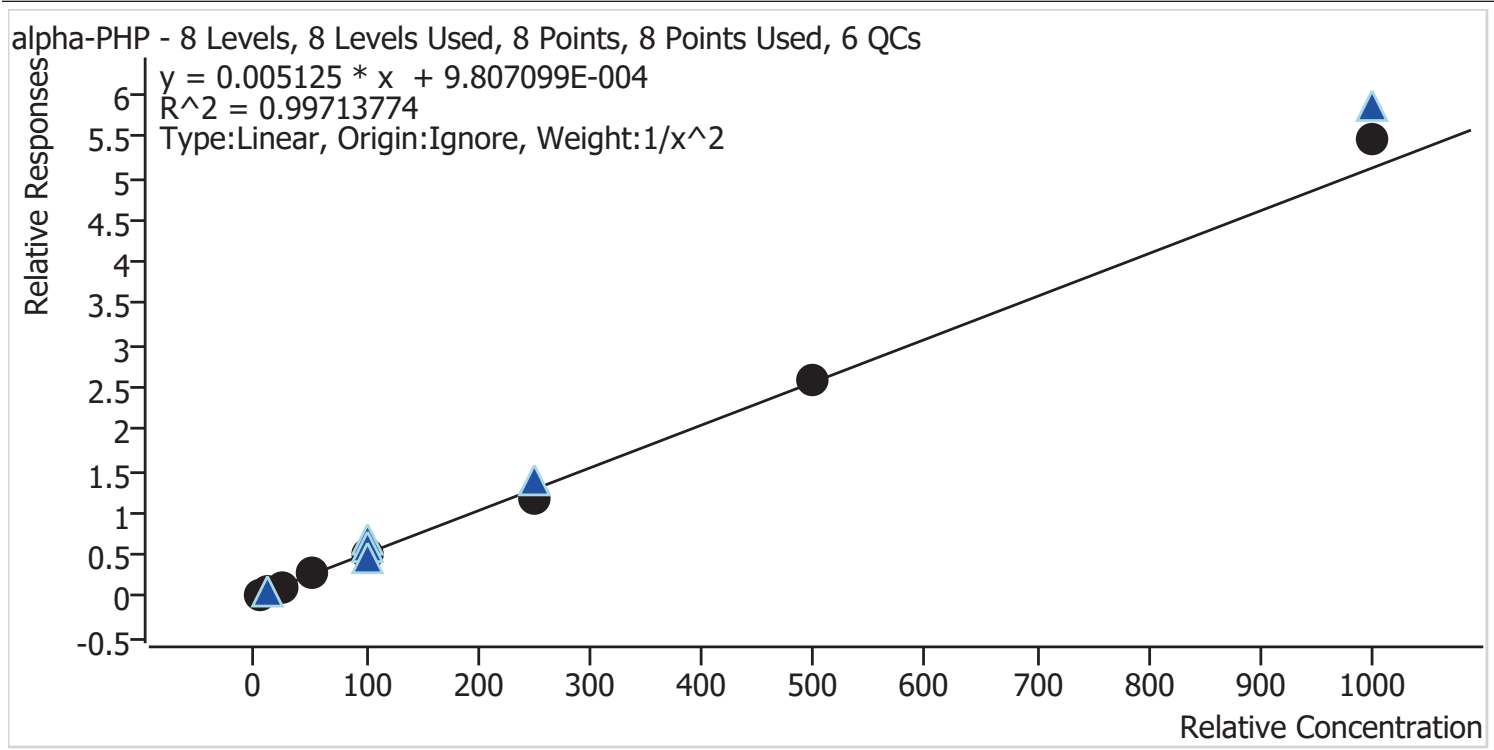


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
CS p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
CS p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
CS p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
CS p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
CS p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
CS p1 Cal 7-500ng	7	✓	500.0	502.8	100.6
CS p1 Cal 8-1000ng	8	✓	1000.0	971.9	97.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8



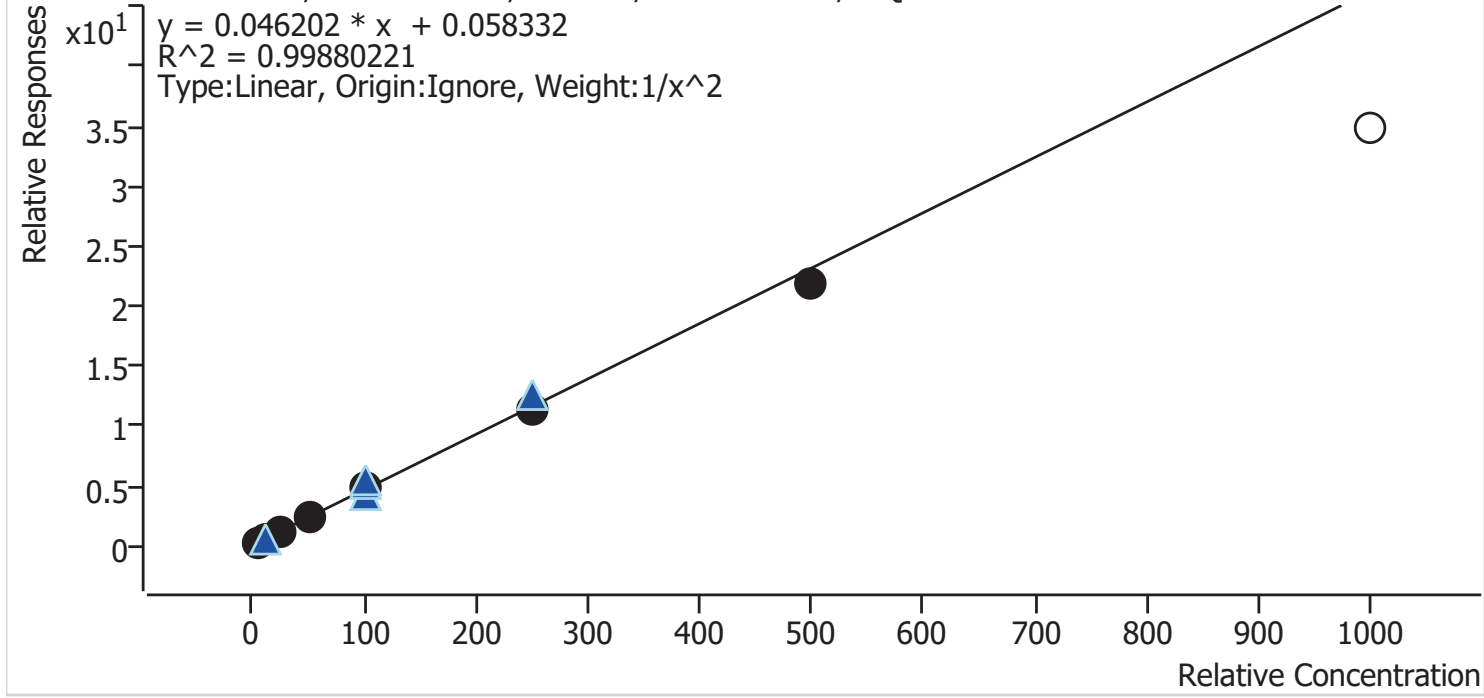
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
CS p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
CS p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
CS p1 Cal 4-50ng	4	✓	50.0	52.7	105.3
CS p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
CS p1 Cal 6-250ng	6	✓	250.0	232.4	93.0
CS p1 Cal 7-500ng	7	✓	500.0	506.8	101.4
CS p1 Cal 8-1000ng	8	✓	1000.0	1069.7	107.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

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



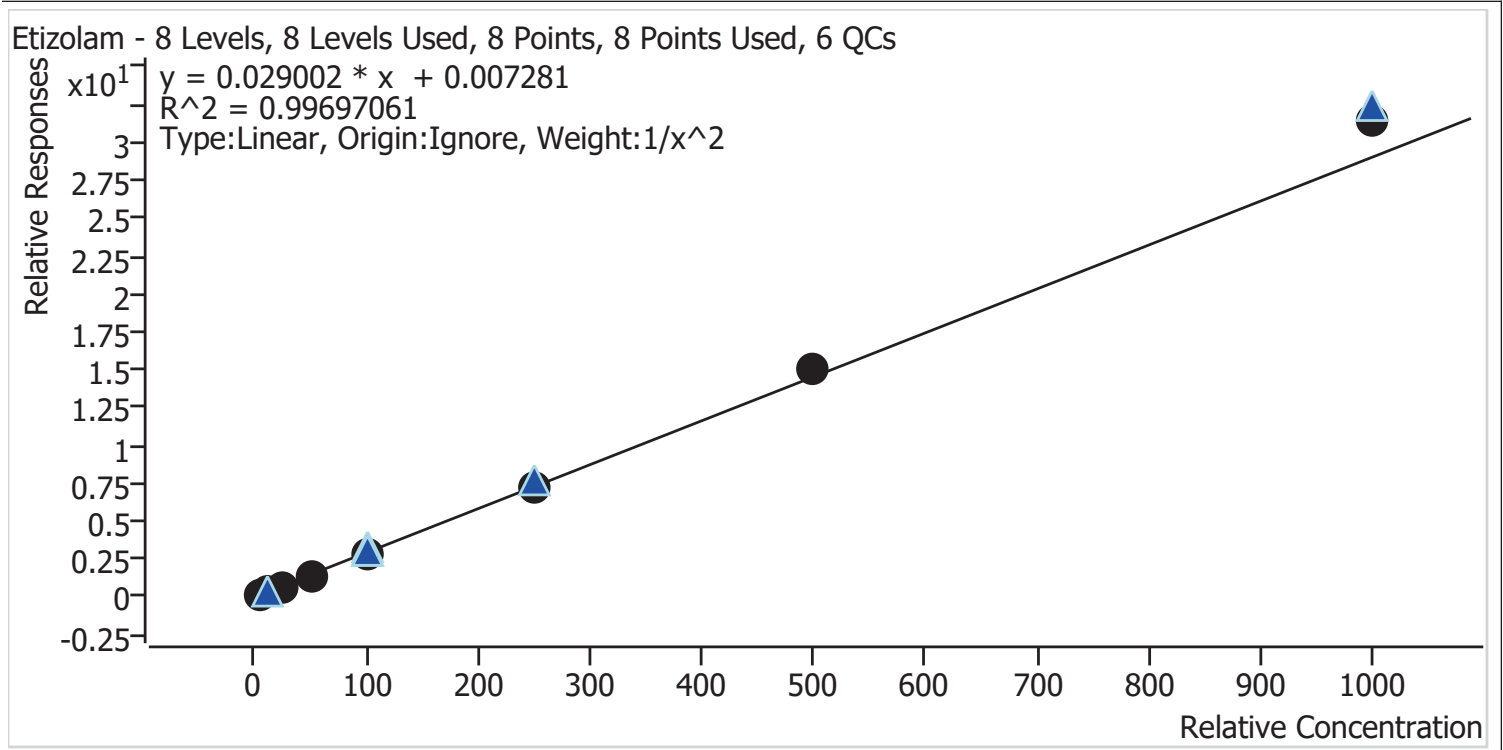
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
CS p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
CS p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
CS p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
CS p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
CS p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
CS p1 Cal 7-500ng	7	✓	500.0	472.5	94.5
CS p1 Cal 8-1000ng	8	×	1000.0	753.2	75.3

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

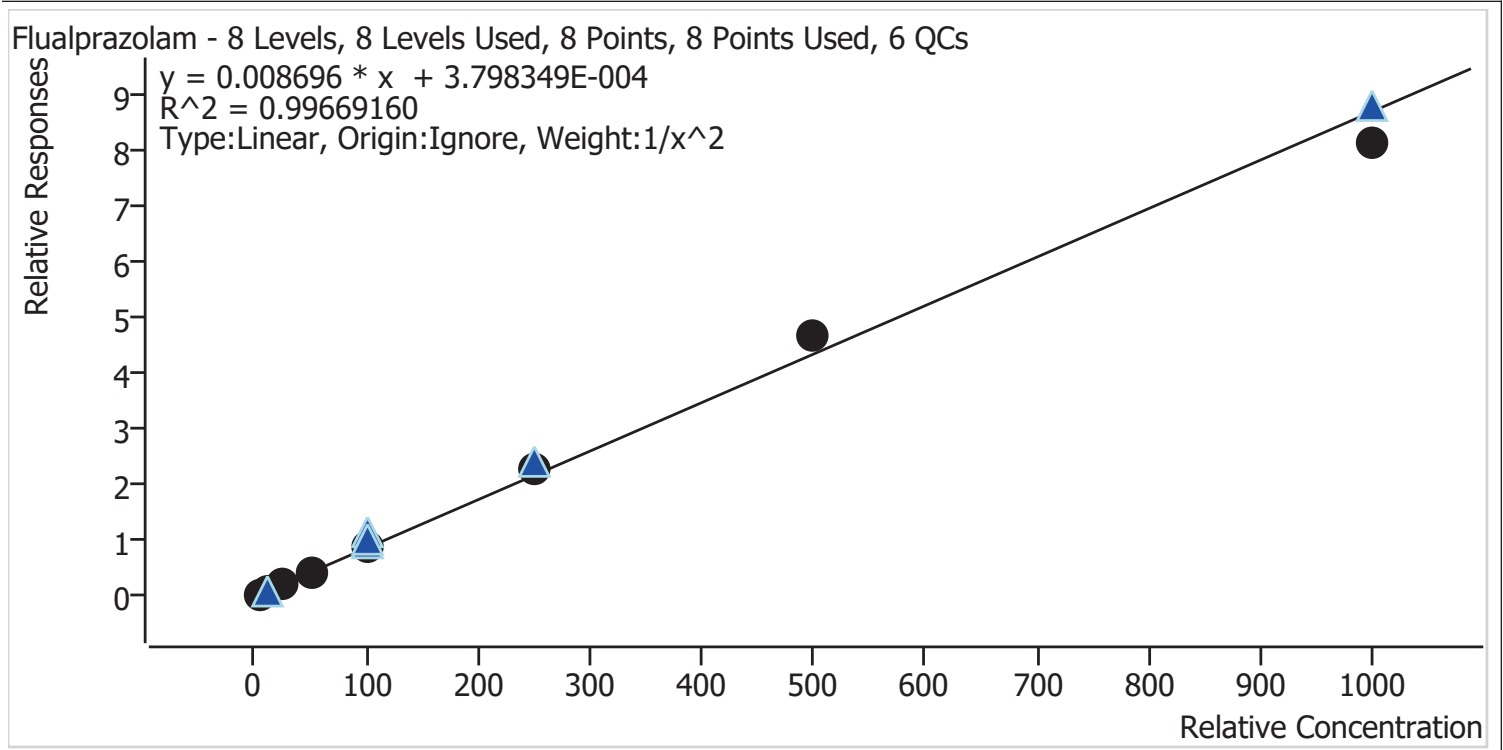


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
CS p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
CS p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
CS p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
CS p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
CS p1 Cal 6-250ng	6	✓	250.0	245.9	98.4
CS p1 Cal 7-500ng	7	✓	500.0	520.0	104.0
CS p1 Cal 8-1000ng	8	✓	1000.0	1080.5	108.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

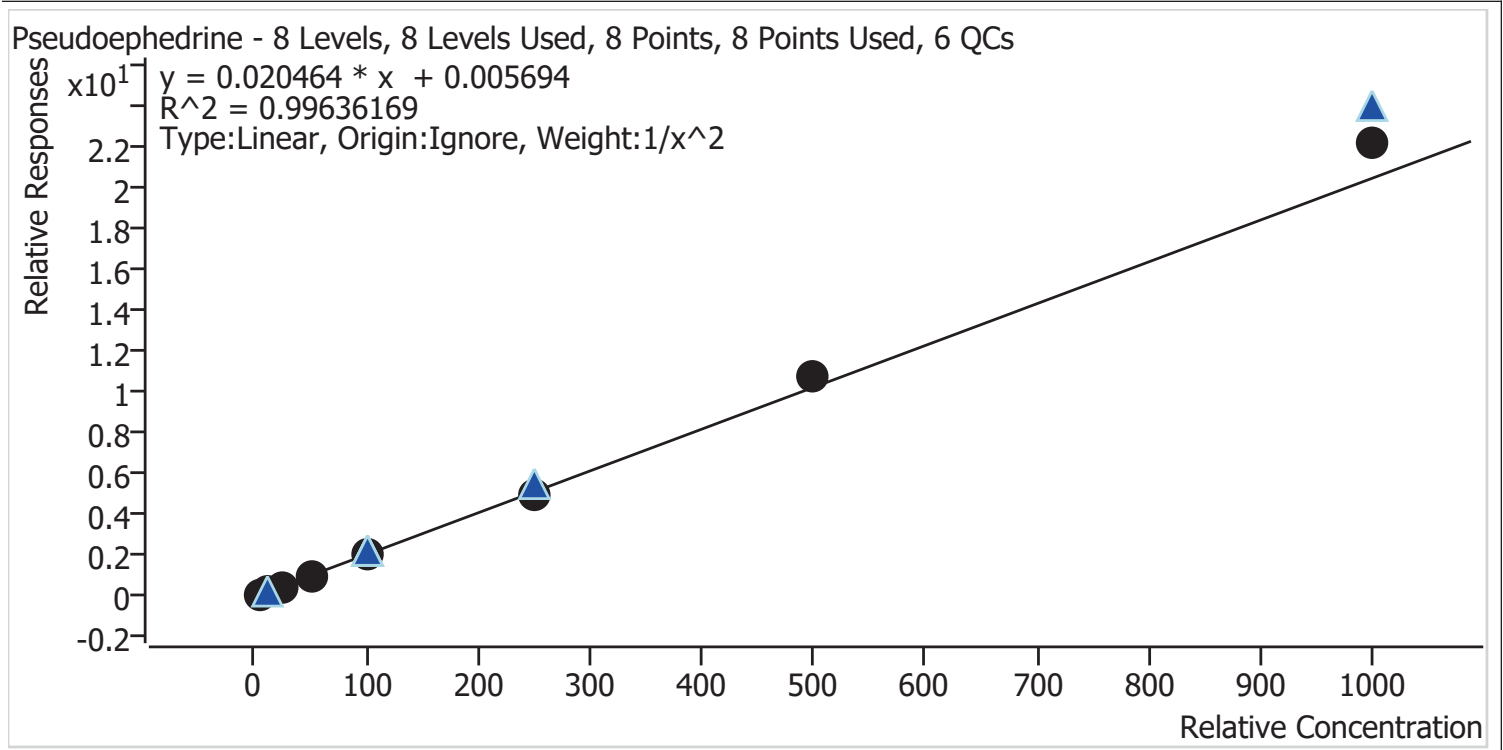


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
CS p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
CS p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
CS p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
CS p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
CS p1 Cal 6-250ng	6	✓	250.0	261.2	104.5
CS p1 Cal 7-500ng	7	✓	500.0	538.3	107.7
CS p1 Cal 8-1000ng	8	✓	1000.0	934.0	93.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

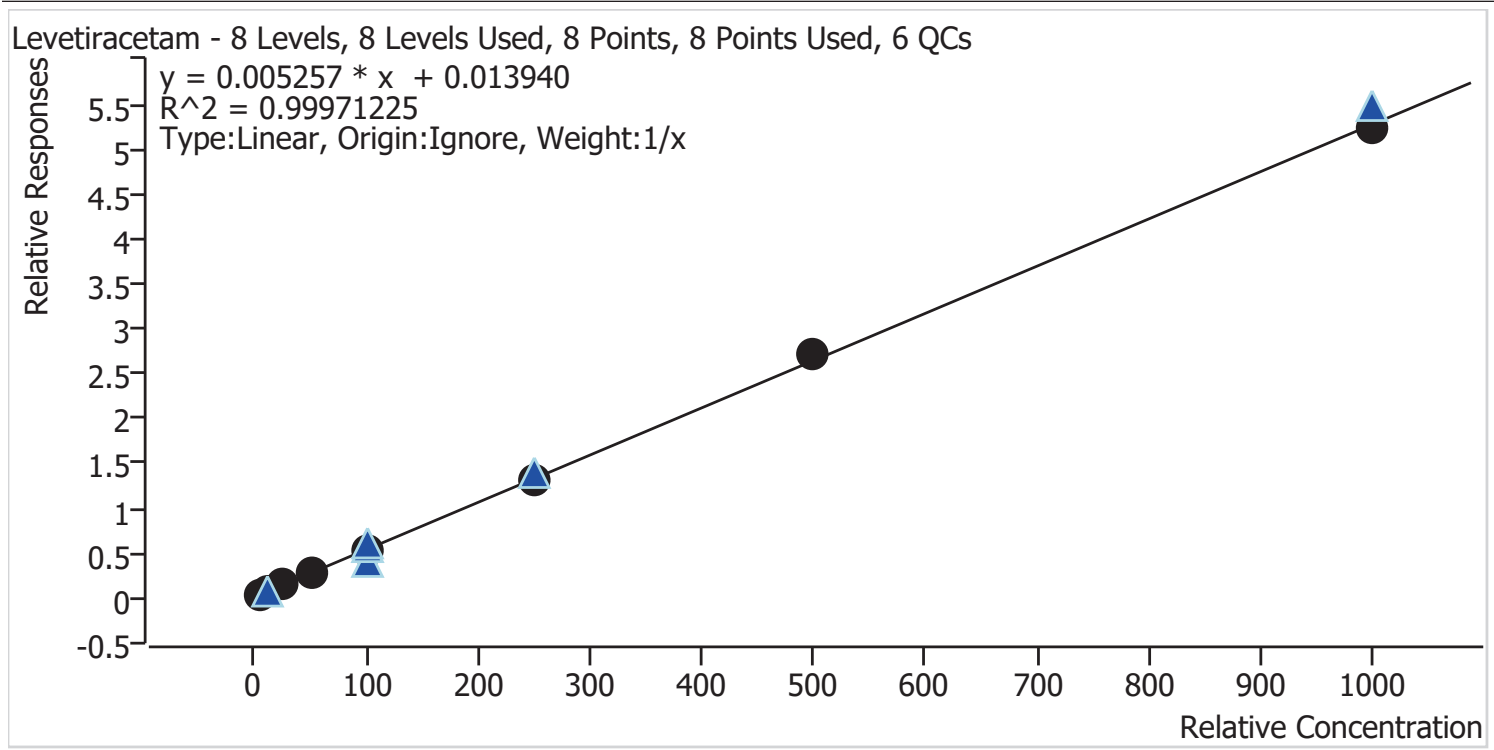


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
CS p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
CS p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
CS p1 Cal 4-50ng	4	✓	50.0	47.6	95.3
CS p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
CS p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
CS p1 Cal 7-500ng	7	✓	500.0	528.3	105.7
CS p1 Cal 8-1000ng	8	✓	1000.0	1088.1	108.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

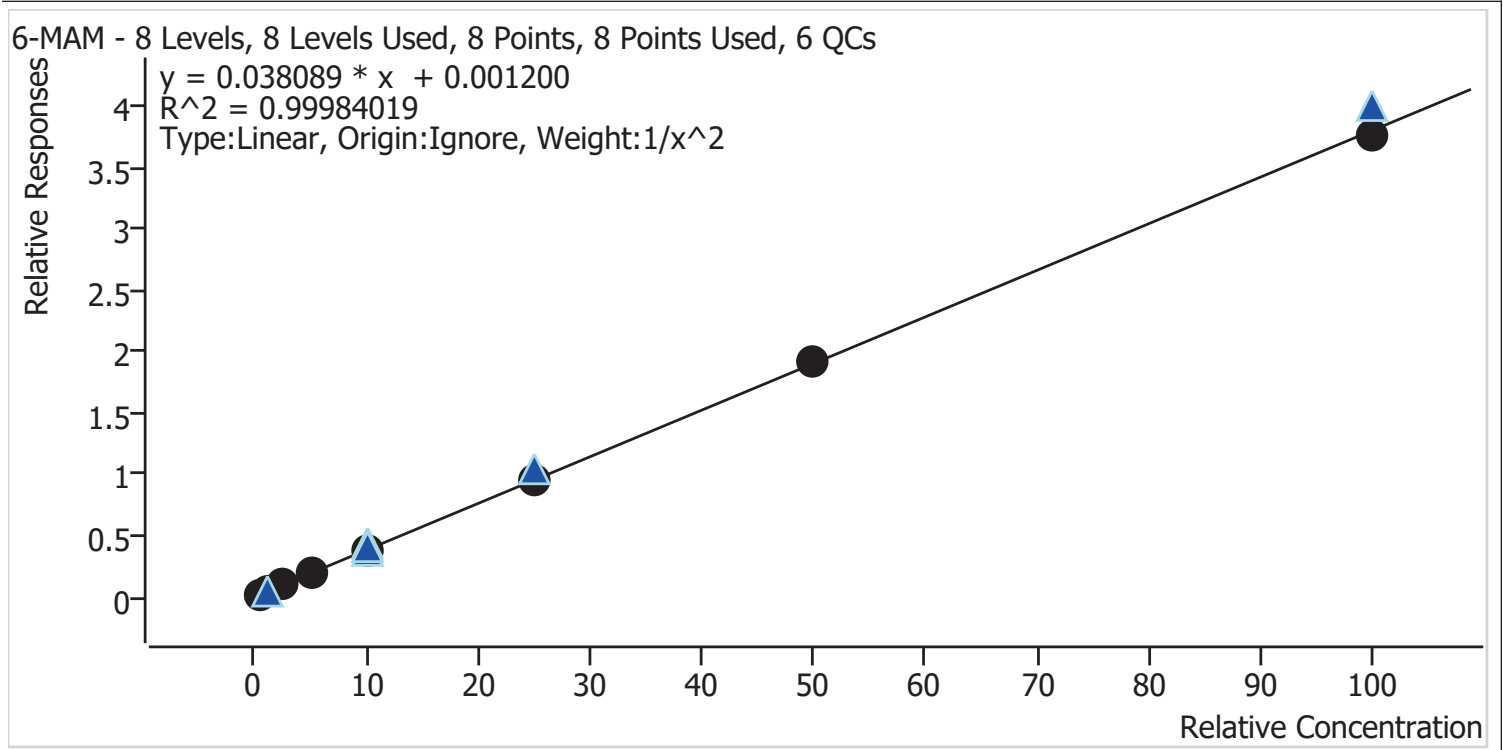


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.3	106.2
CS p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
CS p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
CS p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
CS p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
CS p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
CS p1 Cal 7-500ng	7	✓	500.0	512.5	102.5
CS p1 Cal 8-1000ng	8	✓	1000.0	994.3	99.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



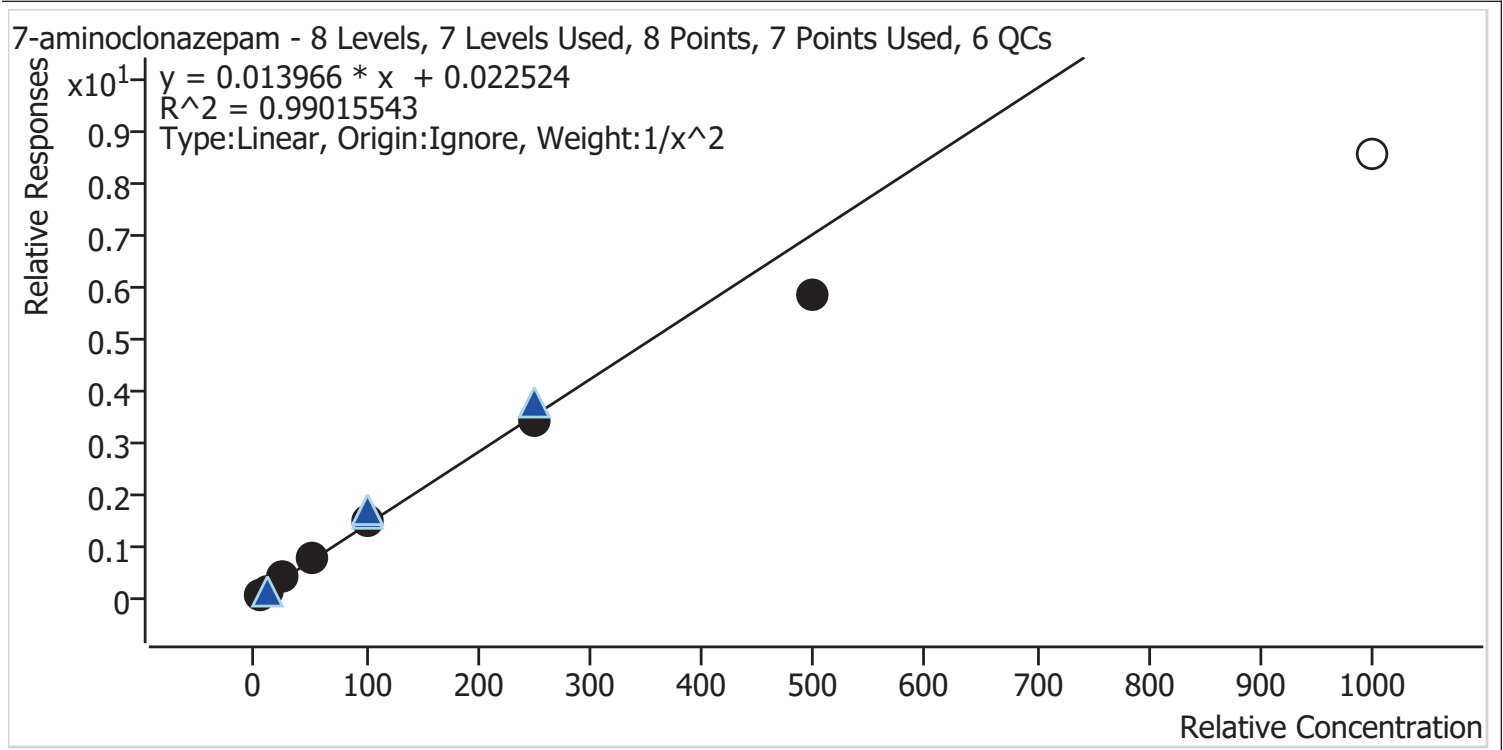
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	0.5	0.5	101.0
CS p1 Cal 2-10ng	2	✓	1.0	1.0	97.8
CS p1 Cal 3 -25ng	3	✓	2.5	2.5	100.7
CS p1 Cal 4-50ng	4	✓	5.0	5.0	99.9
CS p1 Cal 5-100ng	5	✓	10.0	10.0	99.8
CS p1 Cal 6-250ng	6	✓	25.0	25.1	100.4
CS p1 Cal 7-500ng	7	✓	50.0	50.6	101.2
CS p1 Cal 8-1000ng	8	✓	100.0	99.3	99.3

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



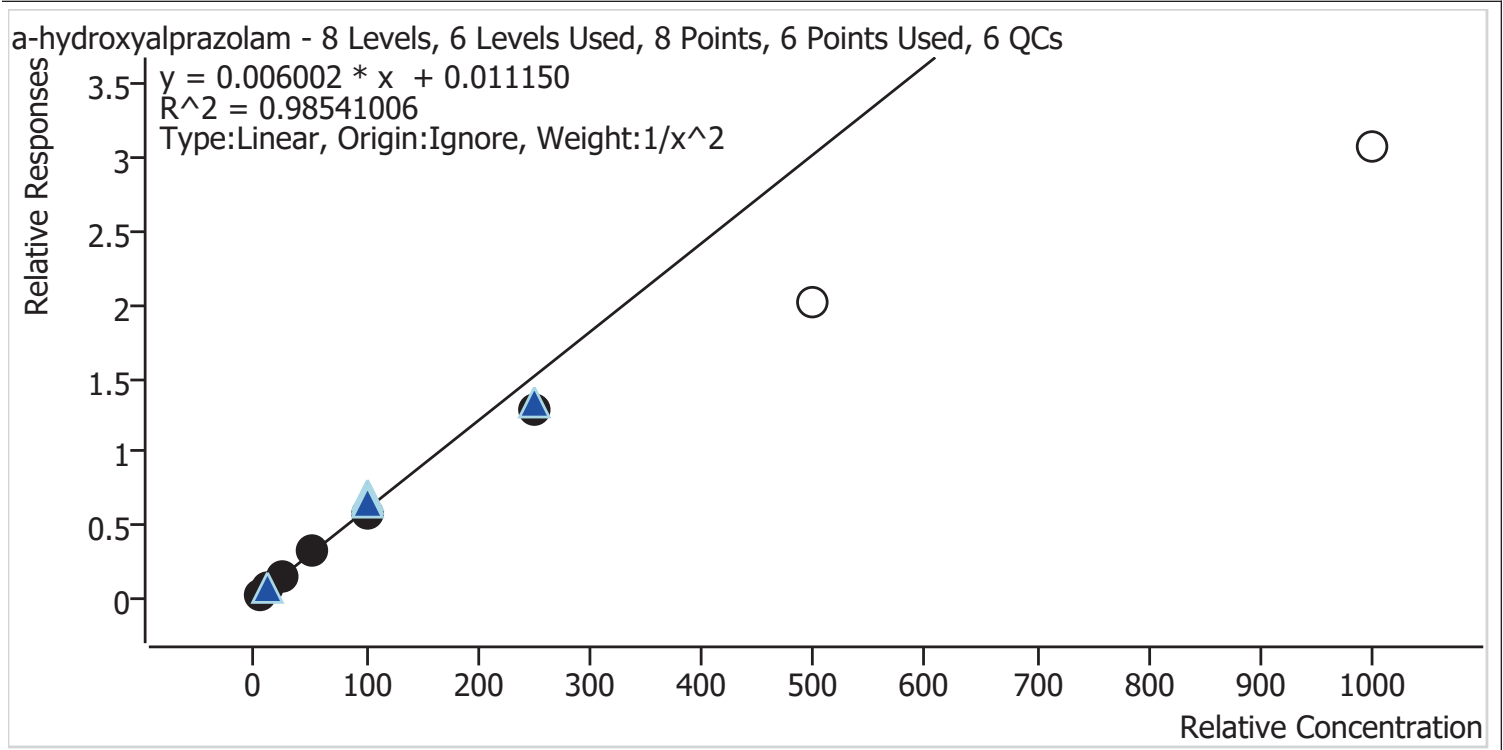
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
CS p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
CS p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
CS p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
CS p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
CS p1 Cal 6-250ng	6	✓	250.0	244.6	97.9
CS p1 Cal 7-500ng	7	✓	500.0	418.4	83.7
CS p1 Cal 8-1000ng	8	×	1000.0	609.5	60.9

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5



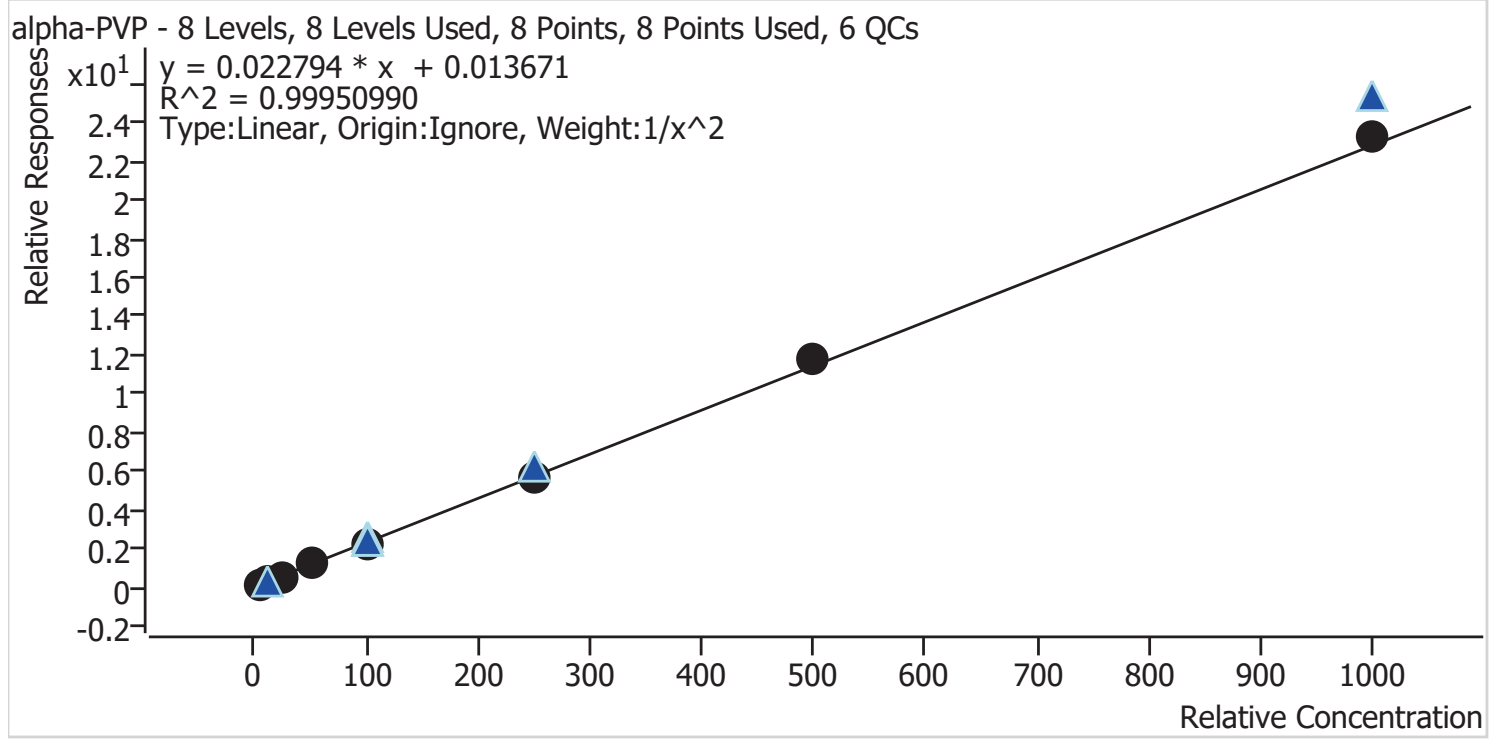
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.7	93.4
CS p1 Cal 2-10ng	2	✓	10.0	11.0	110.2
CS p1 Cal 3 -25ng	3	✓	25.0	26.2	105.0
CS p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
CS p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
CS p1 Cal 6-250ng	6	✓	250.0	212.0	84.8
CS p1 Cal 7-500ng	7	×	500.0	333.3	66.7
CS p1 Cal 8-1000ng	8	×	1000.0	509.9	51.0

Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

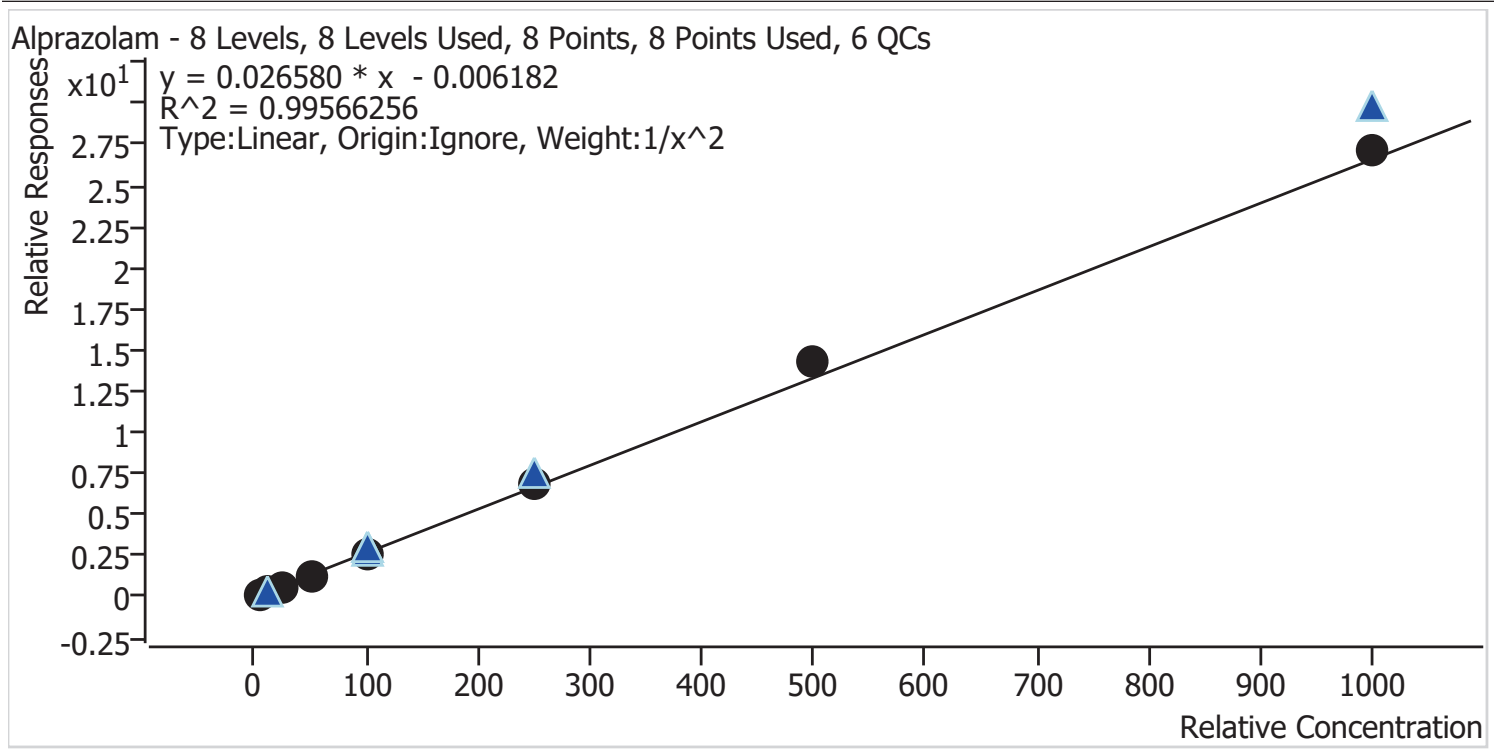


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
CS p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
CS p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
CS p1 Cal 4-50ng	4	✓	50.0	50.2	100.5
CS p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
CS p1 Cal 6-250ng	6	✓	250.0	246.4	98.5
CS p1 Cal 7-500ng	7	✓	500.0	513.7	102.7
CS p1 Cal 8-1000ng	8	✓	1000.0	1023.6	102.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

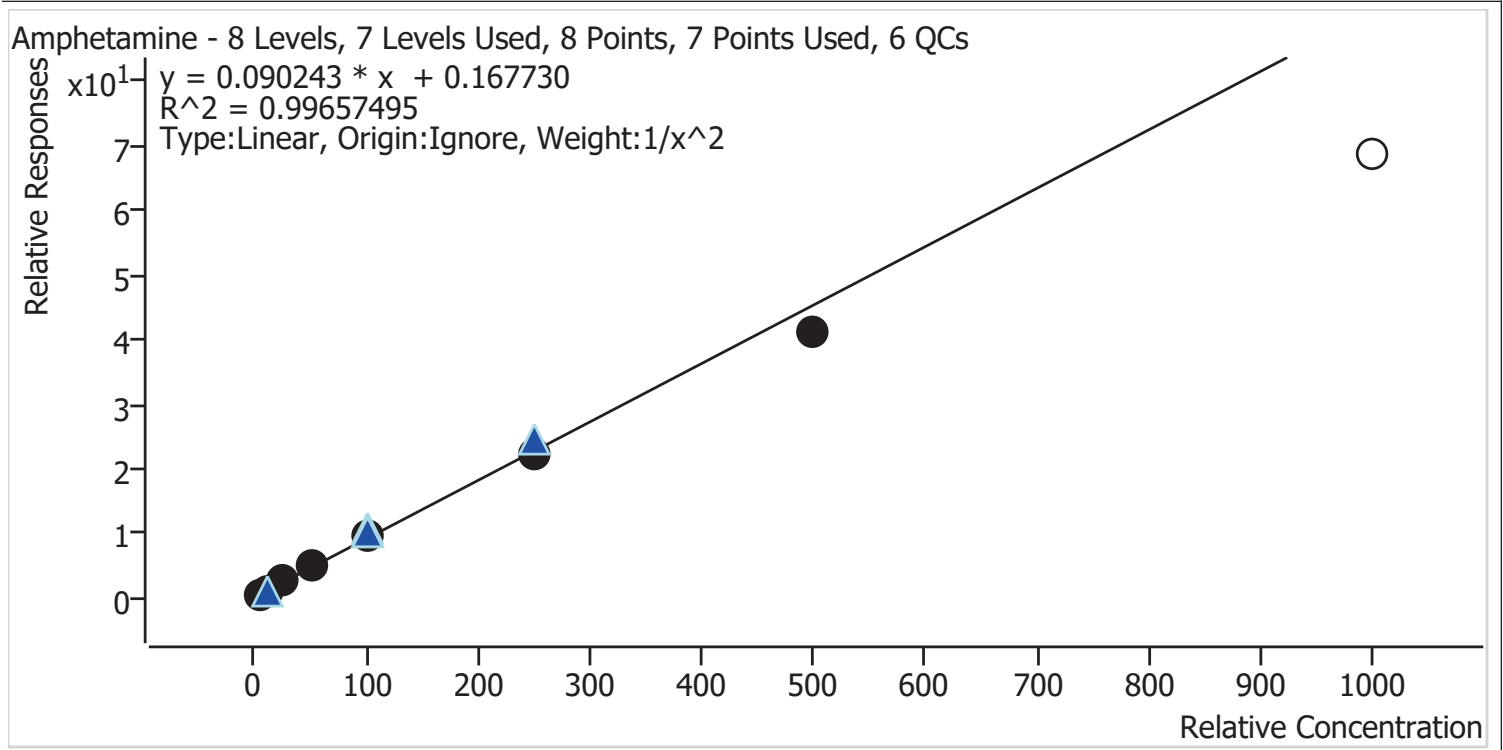


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
CS p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
CS p1 Cal 3 -25ng	3	✓	25.0	22.4	89.7
CS p1 Cal 4-50ng	4	✓	50.0	48.1	96.3
CS p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
CS p1 Cal 6-250ng	6	✓	250.0	262.3	104.9
CS p1 Cal 7-500ng	7	✓	500.0	538.8	107.8
CS p1 Cal 8-1000ng	8	✓	1000.0	1020.3	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



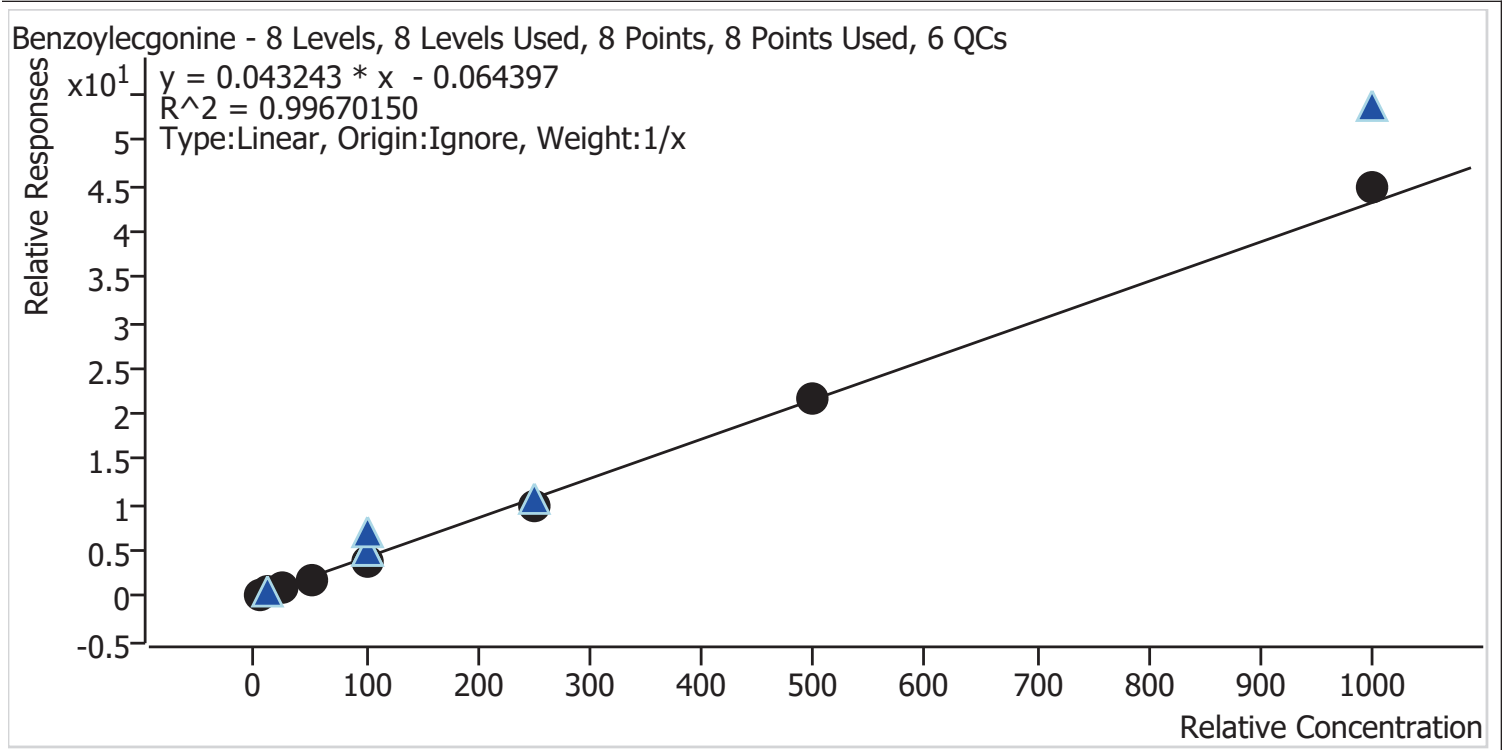
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
CS p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
CS p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
CS p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
CS p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
CS p1 Cal 6-250ng	6	✓	250.0	246.0	98.4
CS p1 Cal 7-500ng	7	✓	500.0	453.2	90.6
CS p1 Cal 8-1000ng	8	×	1000.0	756.2	75.6

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

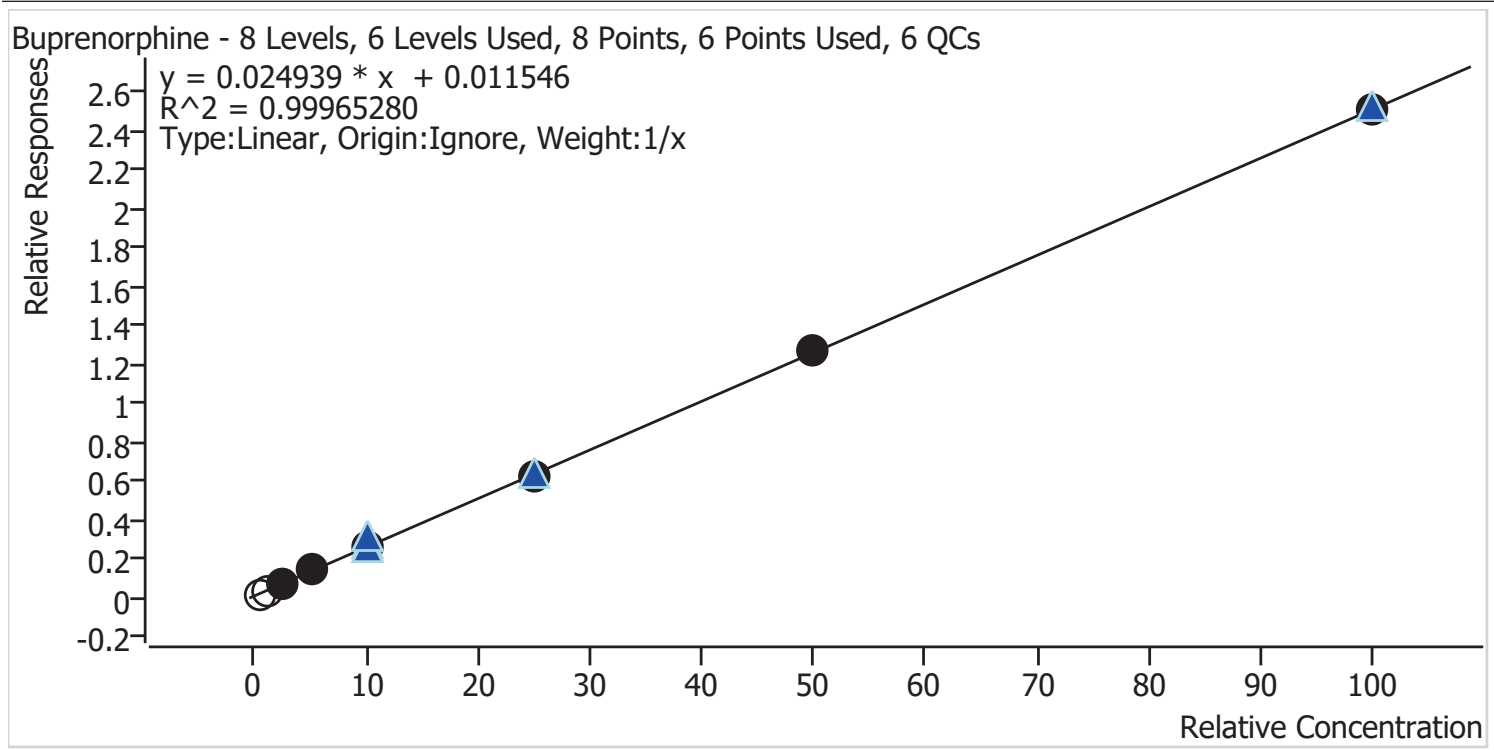


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	6.2	125.0
CS p1 Cal 2-10ng	2	✓	10.0	10.9	109.1
CS p1 Cal 3 -25ng	3	✓	25.0	22.7	90.6
CS p1 Cal 4-50ng	4	✓	50.0	46.1	92.2
CS p1 Cal 5-100ng	5	✓	100.0	88.4	88.4
CS p1 Cal 6-250ng	6	✓	250.0	226.5	90.6
CS p1 Cal 7-500ng	7	✓	500.0	501.9	100.4
CS p1 Cal 8-1000ng	8	✓	1000.0	1037.3	103.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



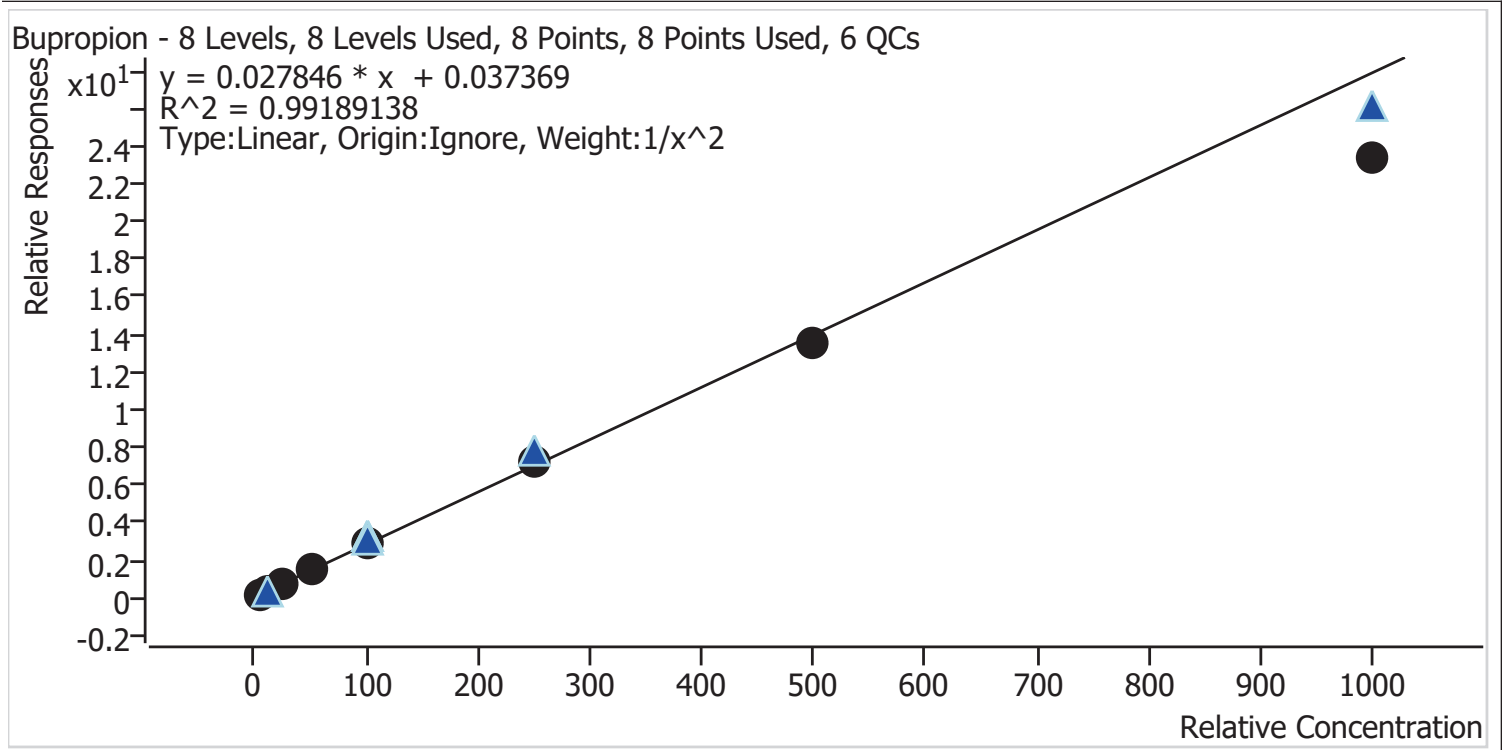
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	×	0.5	0.3	62.3
CS p1 Cal 2-10ng	2	×	1.0	0.9	85.6
CS p1 Cal 3 -25ng	3	✓	2.5	2.4	96.3
CS p1 Cal 4-50ng	4	✓	5.0	5.4	107.3
CS p1 Cal 5-100ng	5	✓	10.0	9.7	97.2
CS p1 Cal 6-250ng	6	✓	25.0	24.6	98.3
CS p1 Cal 7-500ng	7	✓	50.0	50.5	101.0
CS p1 Cal 8-1000ng	8	✓	100.0	99.9	99.9

Calibrators 1 and 2 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

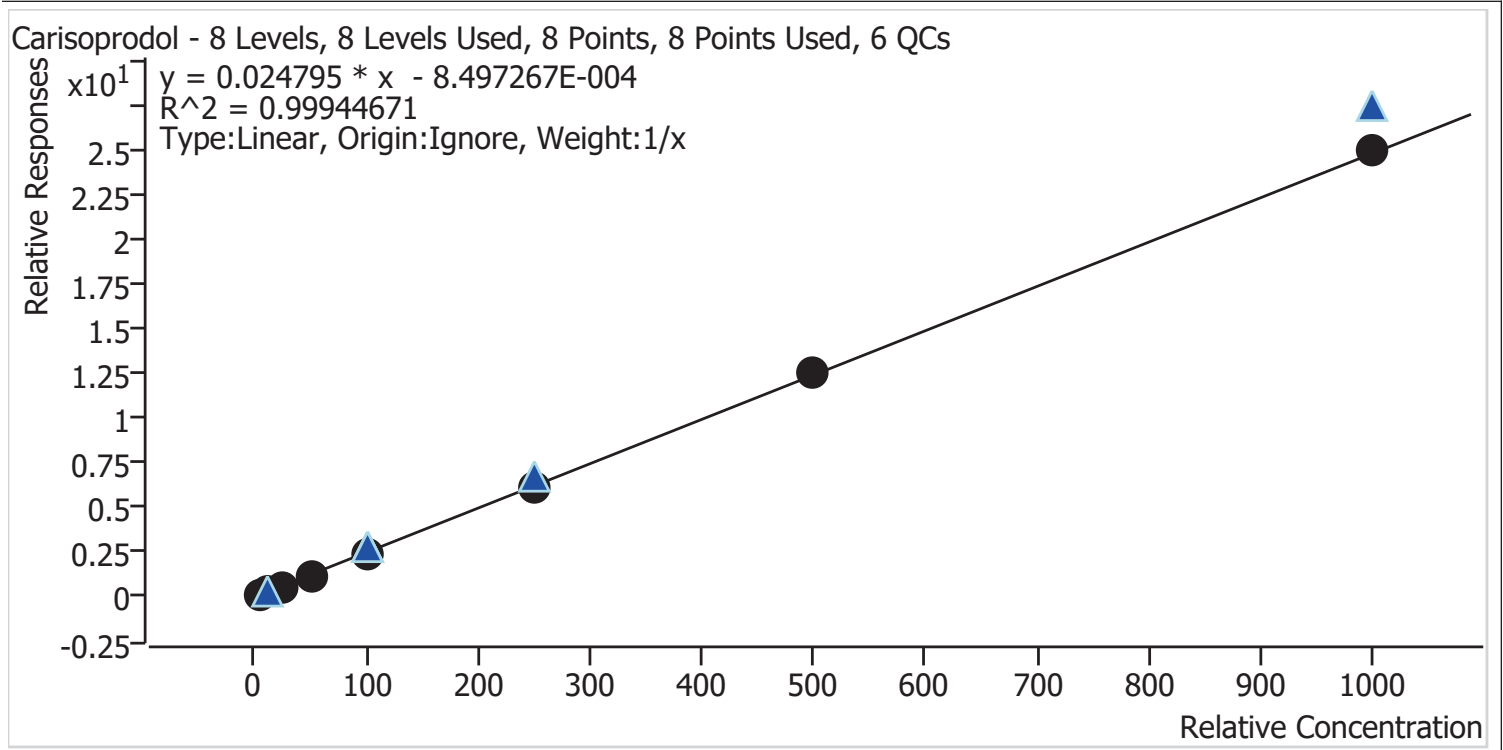


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
CS p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
CS p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
CS p1 Cal 4-50ng	4	✓	50.0	53.7	107.3
CS p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
CS p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
CS p1 Cal 7-500ng	7	✓	500.0	485.8	97.2
CS p1 Cal 8-1000ng	8	✓	1000.0	836.1	83.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

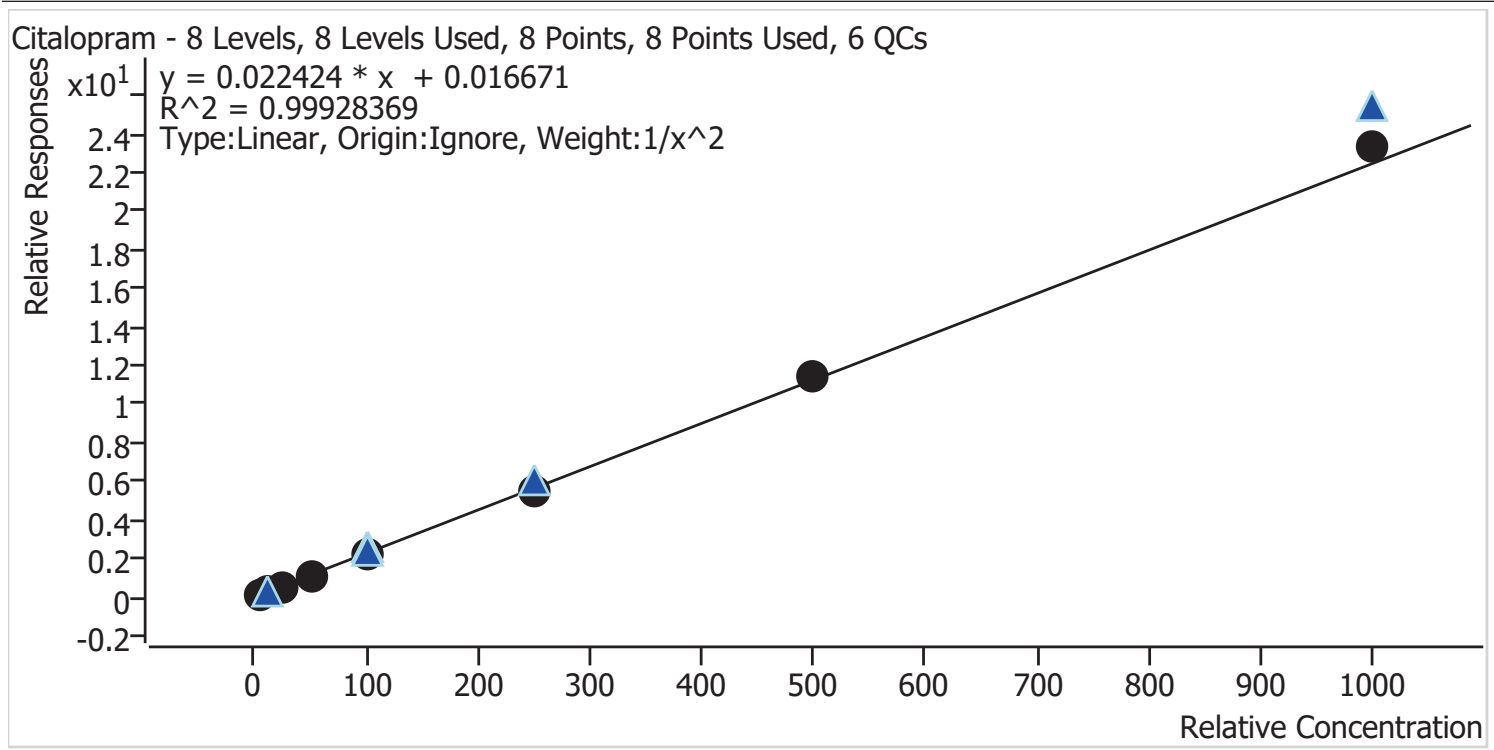


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.5	109.8
CS p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
CS p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
CS p1 Cal 4-50ng	4	✓	50.0	47.7	95.3
CS p1 Cal 5-100ng	5	✓	100.0	93.3	93.3
CS p1 Cal 6-250ng	6	✓	250.0	243.5	97.4
CS p1 Cal 7-500ng	7	✓	500.0	506.0	101.2
CS p1 Cal 8-1000ng	8	✓	1000.0	1009.3	100.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



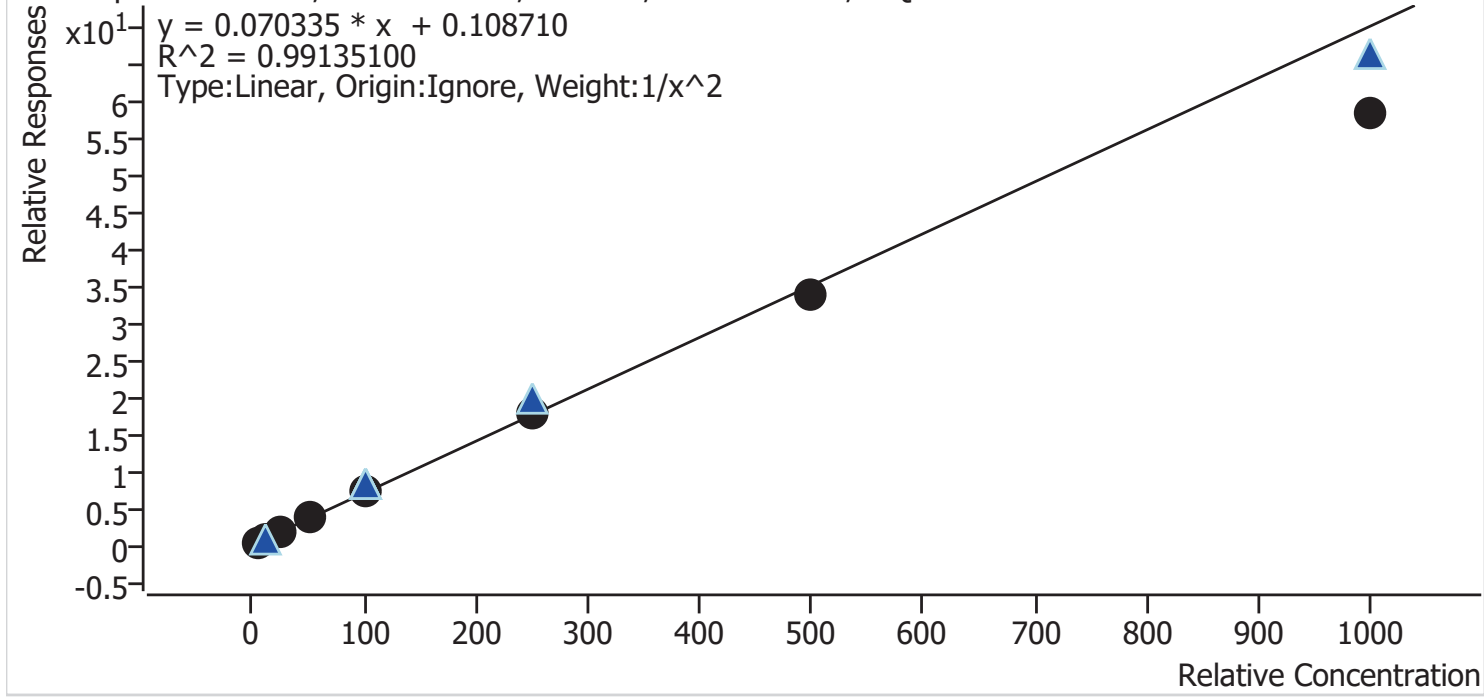
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
CS p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
CS p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
CS p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
CS p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
CS p1 Cal 6-250ng	6	✓	250.0	244.6	97.8
CS p1 Cal 7-500ng	7	✓	500.0	504.9	101.0
CS p1 Cal 8-1000ng	8	✓	1000.0	1042.3	104.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

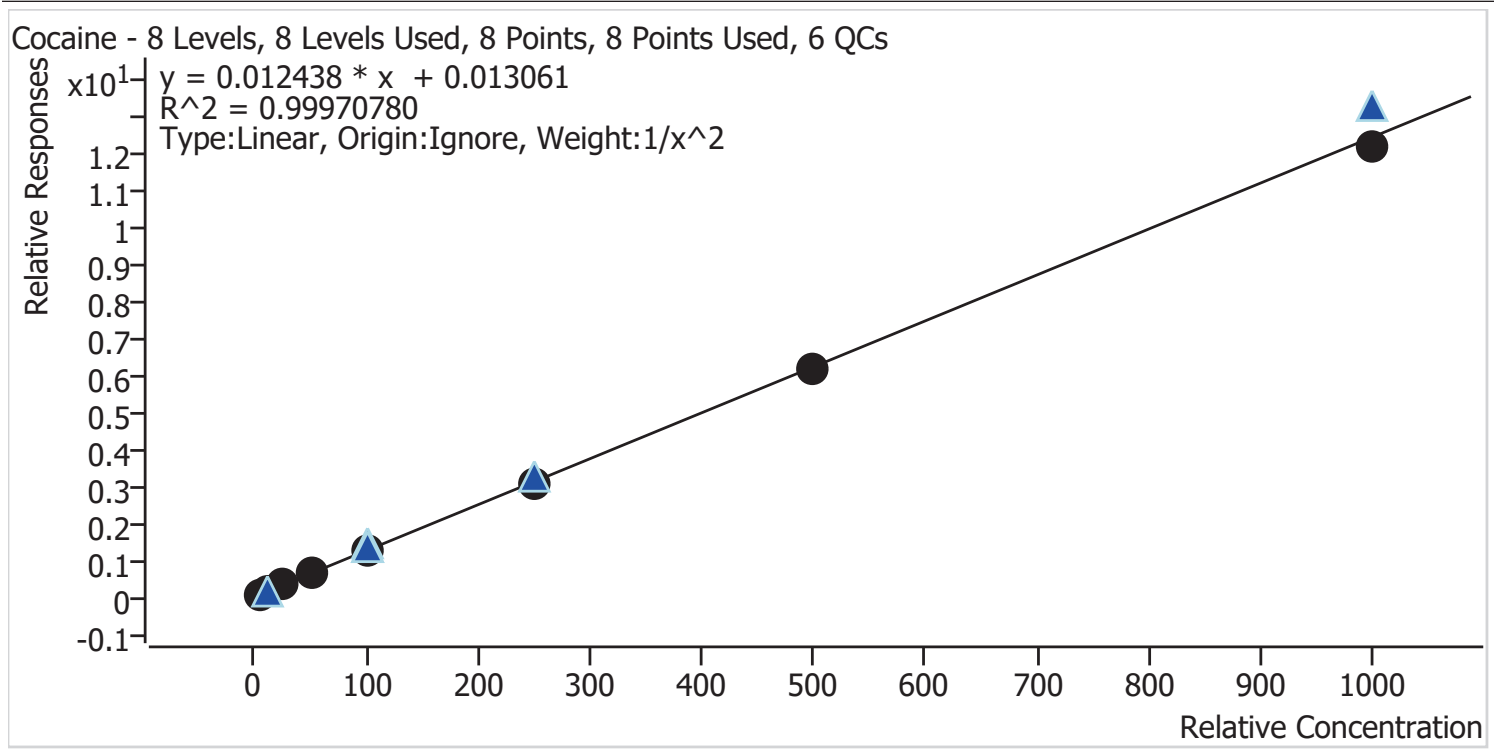
Clonazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
CS p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
CS p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
CS p1 Cal 4-50ng	4	✓	50.0	53.7	107.5
CS p1 Cal 5-100ng	5	✓	100.0	107.2	107.2
CS p1 Cal 6-250ng	6	✓	250.0	256.6	102.6
CS p1 Cal 7-500ng	7	✓	500.0	479.1	95.8
CS p1 Cal 8-1000ng	8	✓	1000.0	830.1	83.0

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
CS p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
CS p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
CS p1 Cal 4-50ng	4	✓	50.0	50.8	101.7
CS p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
CS p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
CS p1 Cal 7-500ng	7	✓	500.0	498.8	99.8
CS p1 Cal 8-1000ng	8	✓	1000.0	982.1	98.2

CG



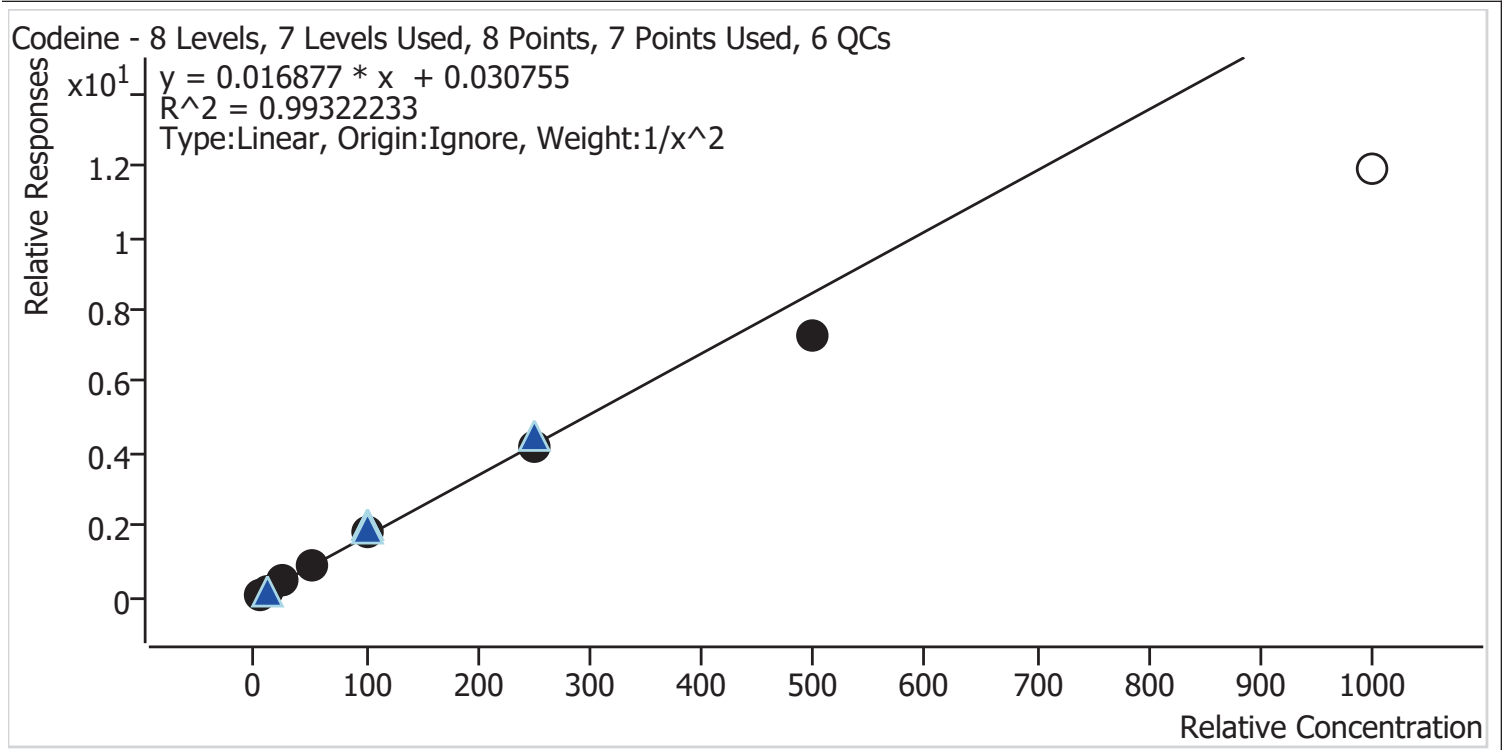
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
CS.batch.bin

Last Cal. Update 11/12/2021 11:42 AM

Analyst Name ISP\datastor

Analyte Codeine **Internal Standard** Codeine-D6



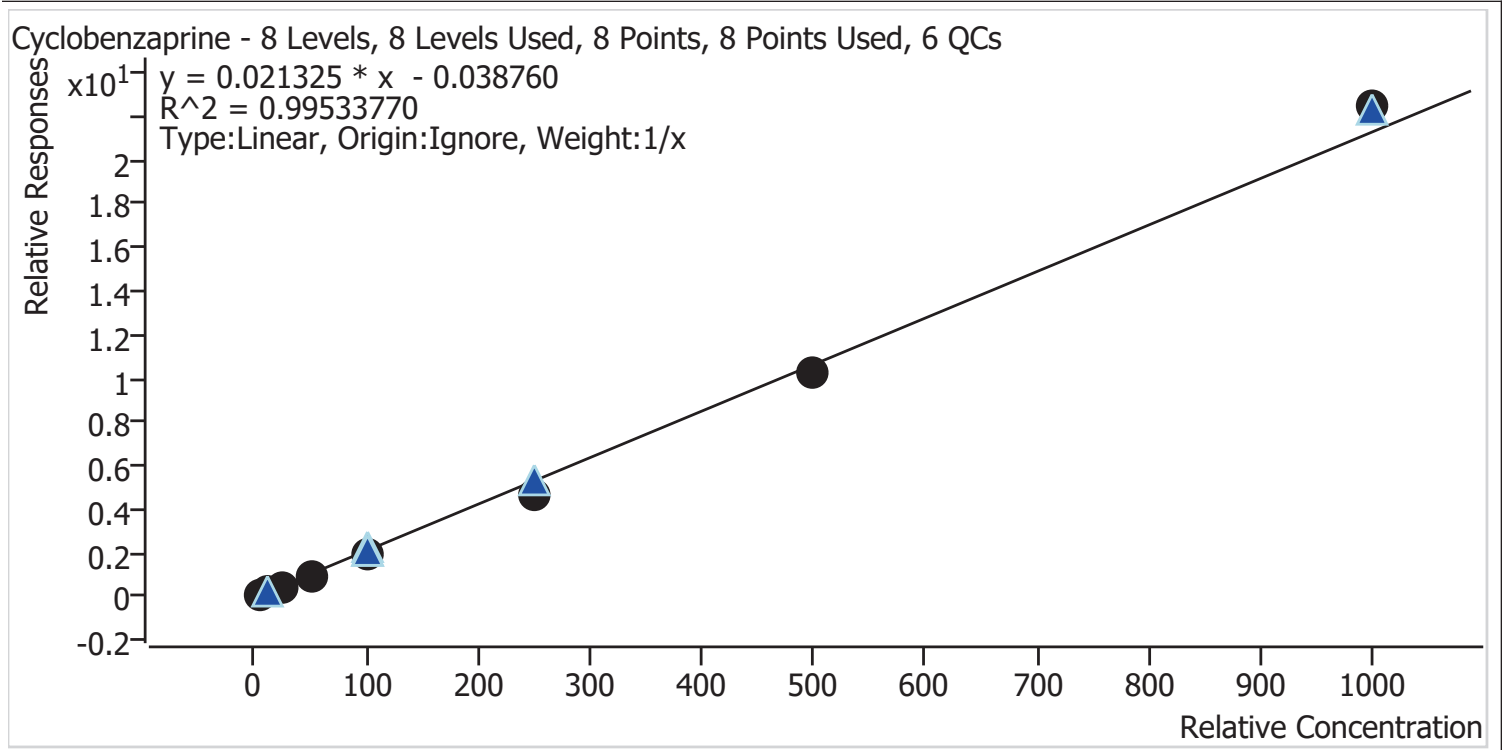
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
CS p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
CS p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
CS p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
CS p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
CS p1 Cal 6-250ng	6	✓	250.0	248.1	99.3
CS p1 Cal 7-500ng	7	✓	500.0	430.6	86.1
CS p1 Cal 8-1000ng	8	×	1000.0	705.7	70.6

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



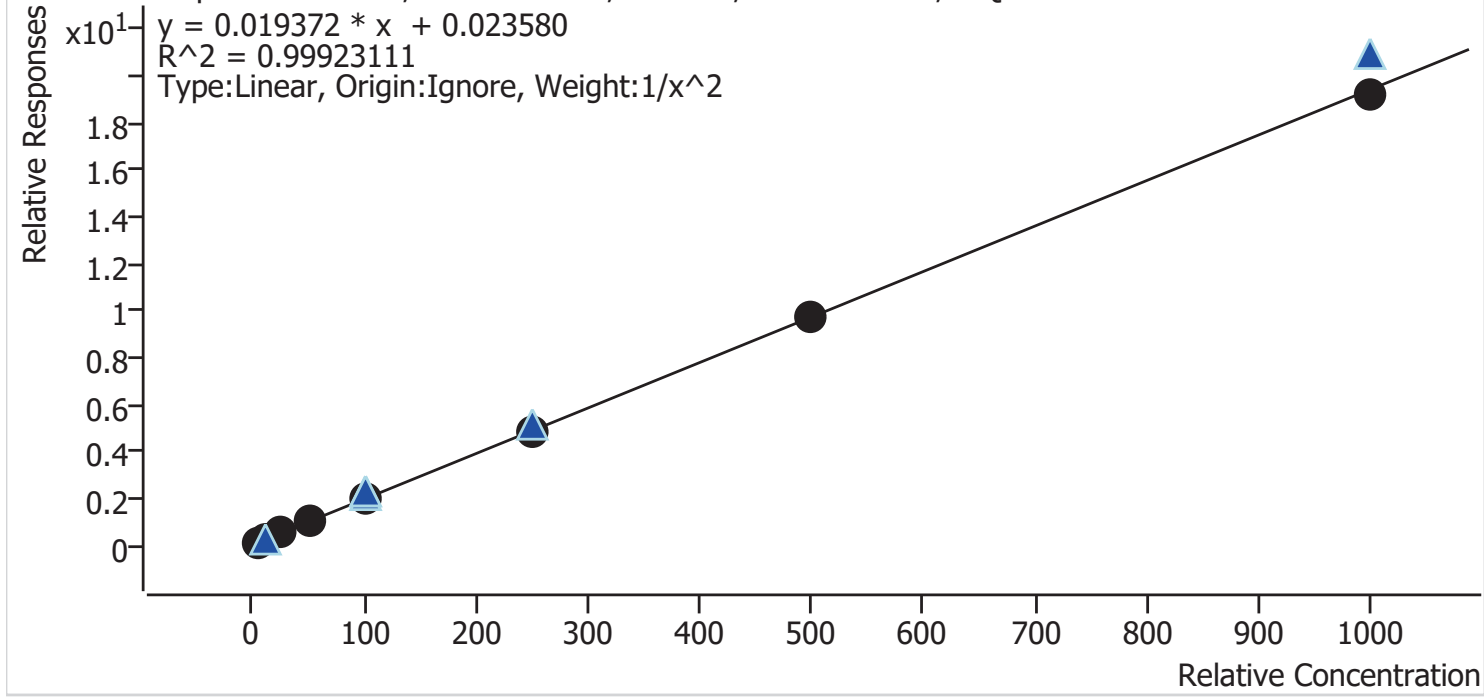
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	6.4	127.6
CS p1 Cal 2-10ng	2	✓	10.0	10.7	107.5
CS p1 Cal 3 -25ng	3	✓	25.0	22.4	89.5
CS p1 Cal 4-50ng	4	✓	50.0	46.5	93.0
CS p1 Cal 5-100ng	5	✓	100.0	90.7	90.7
CS p1 Cal 6-250ng	6	✓	250.0	222.7	89.1
CS p1 Cal 7-500ng	7	✓	500.0	485.2	97.0
CS p1 Cal 8-1000ng	8	✓	1000.0	1055.3	105.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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

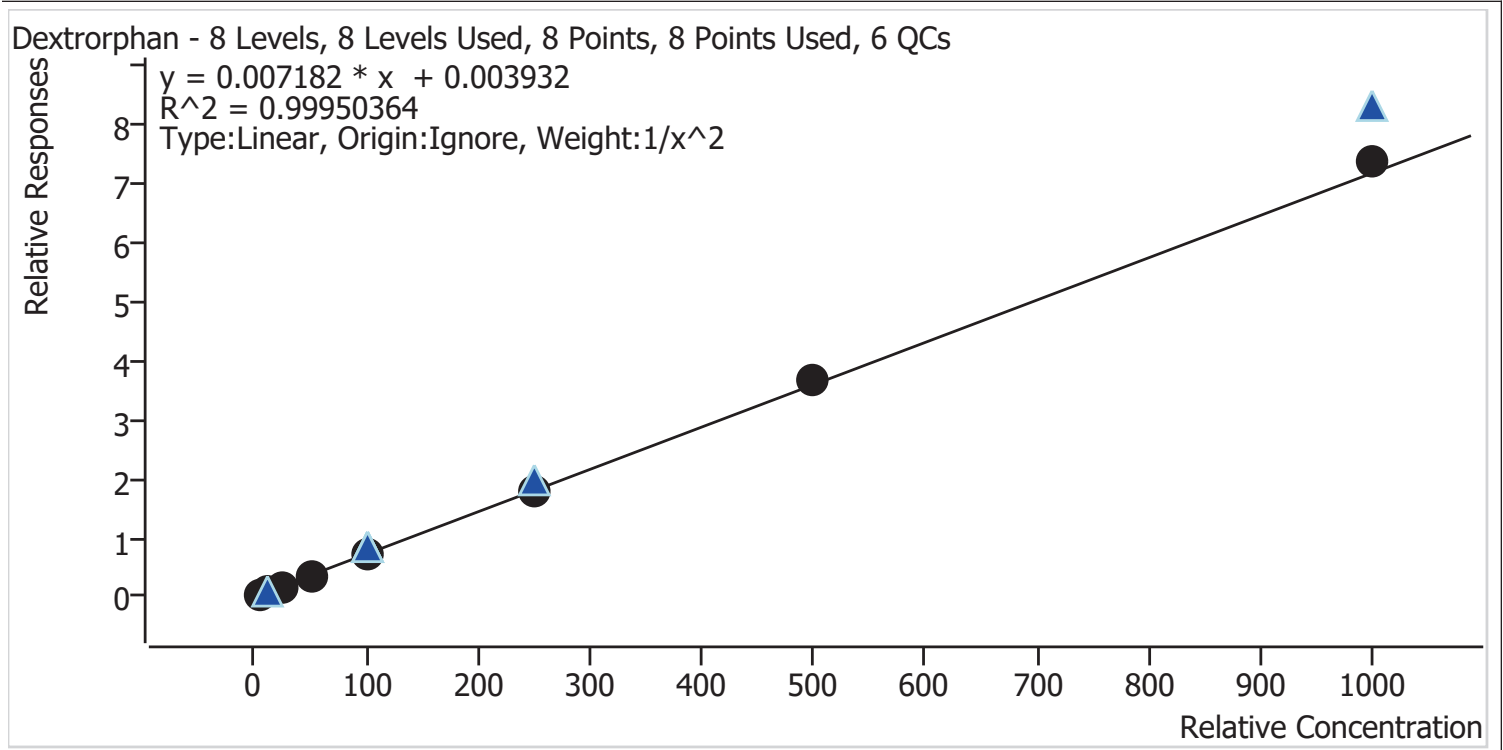


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
CS p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
CS p1 Cal 3 -25ng	3	✓	25.0	24.7	99.0
CS p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
CS p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
CS p1 Cal 6-250ng	6	✓	250.0	244.8	97.9
CS p1 Cal 7-500ng	7	✓	500.0	499.1	99.8
CS p1 Cal 8-1000ng	8	✓	1000.0	987.1	98.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

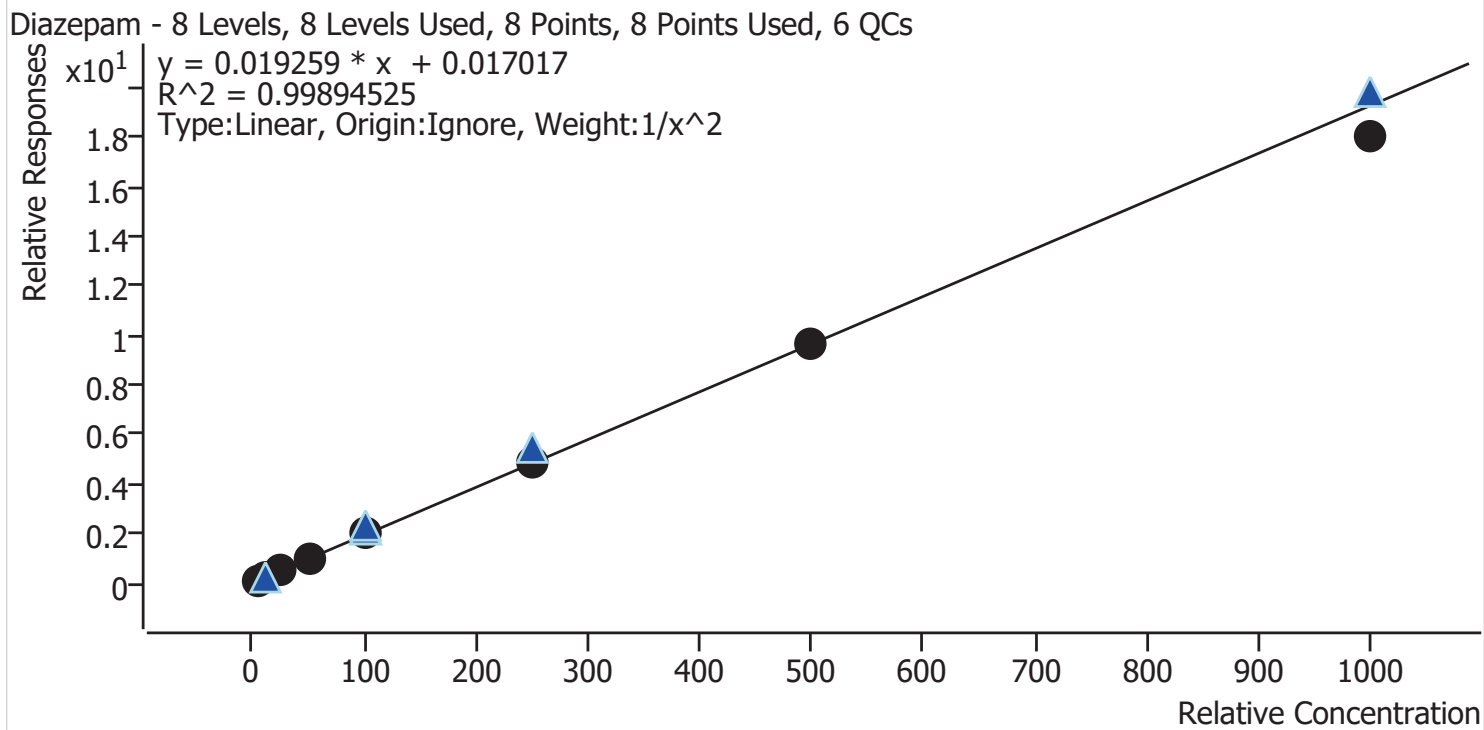


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
CS p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
CS p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
CS p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
CS p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
CS p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
CS p1 Cal 7-500ng	7	✓	500.0	512.9	102.6
CS p1 Cal 8-1000ng	8	✓	1000.0	1026.9	102.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

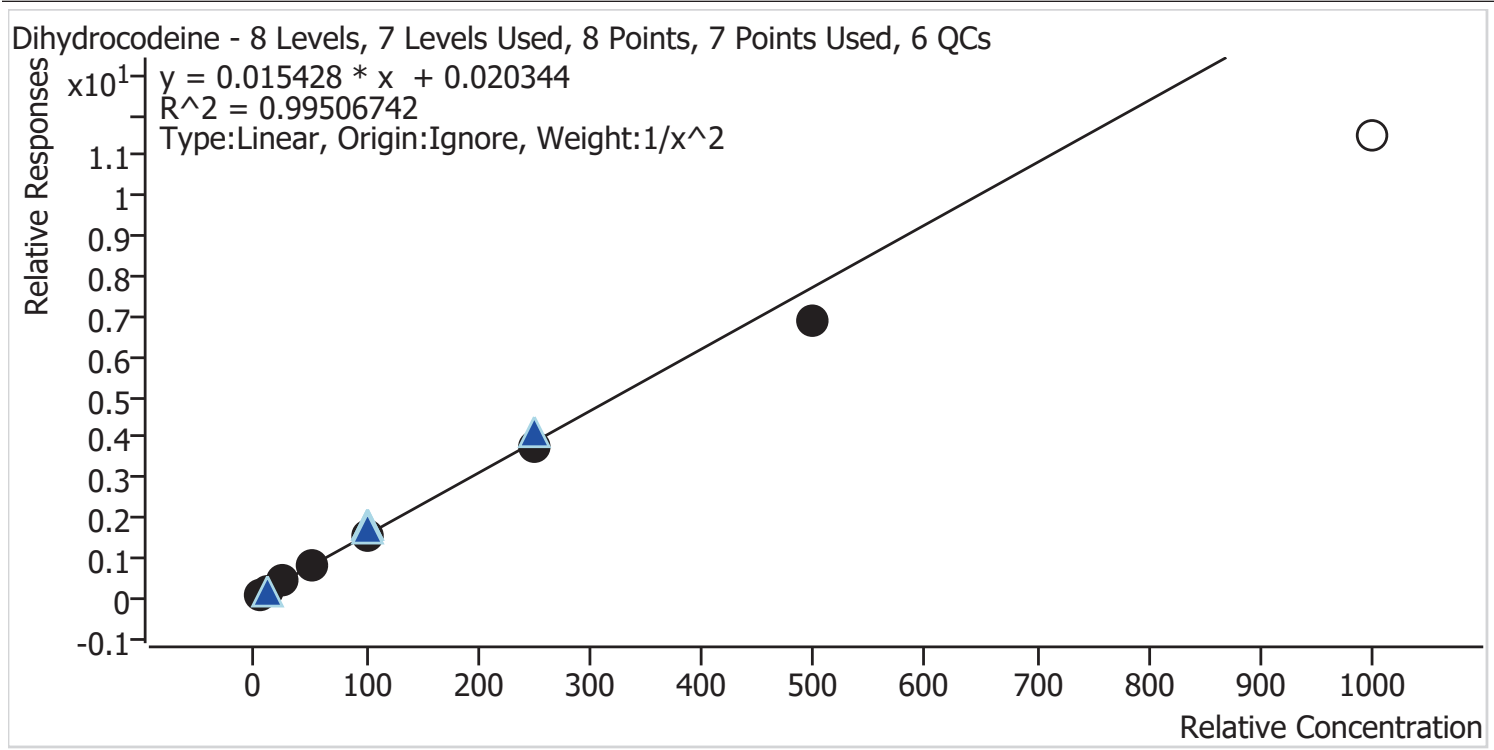


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
CS p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
CS p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
CS p1 Cal 4-50ng	4	✓	50.0	51.5	103.1
CS p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
CS p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
CS p1 Cal 7-500ng	7	✓	500.0	501.1	100.2
CS p1 Cal 8-1000ng	8	✓	1000.0	935.9	93.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
CS p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
CS p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
CS p1 Cal 4-50ng	4	✓	50.0	52.7	105.5
CS p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
CS p1 Cal 6-250ng	6	✓	250.0	245.6	98.3
CS p1 Cal 7-500ng	7	✓	500.0	444.3	88.9
CS p1 Cal 8-1000ng	8	×	1000.0	742.1	74.2

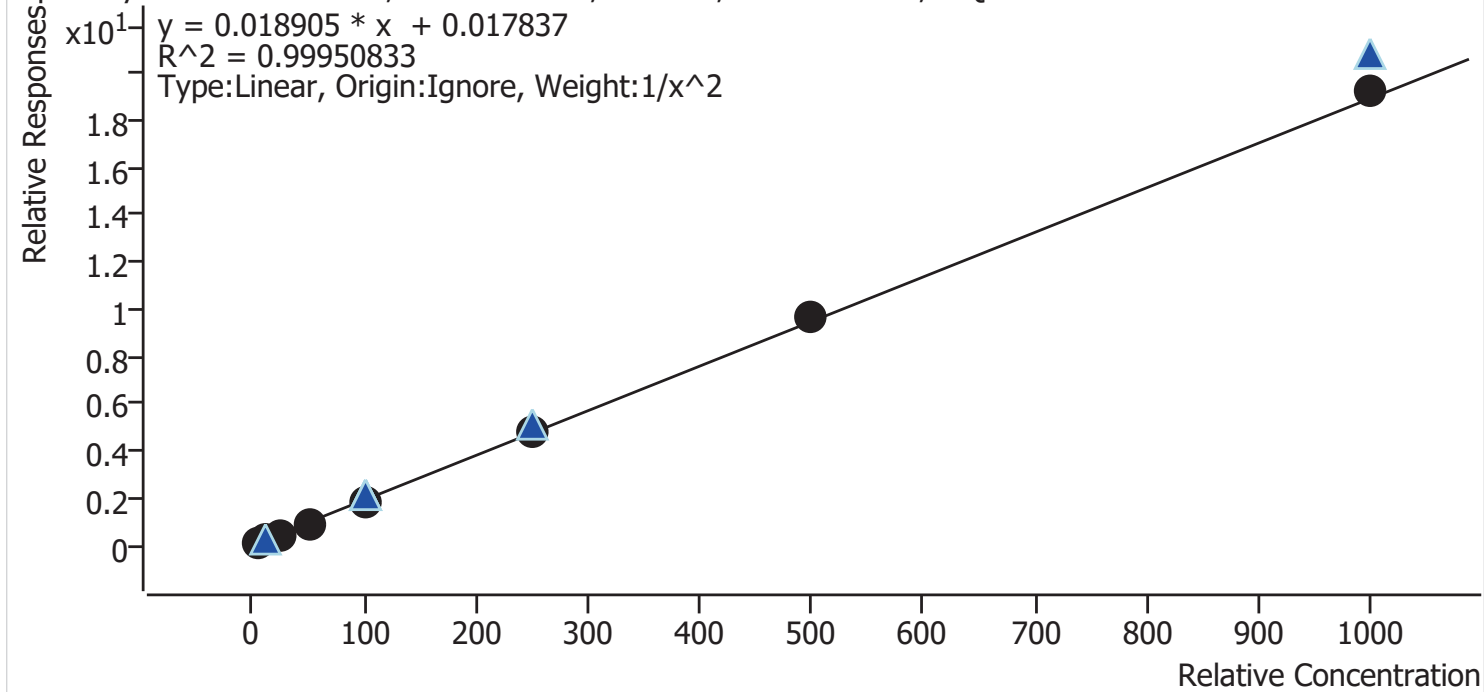
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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

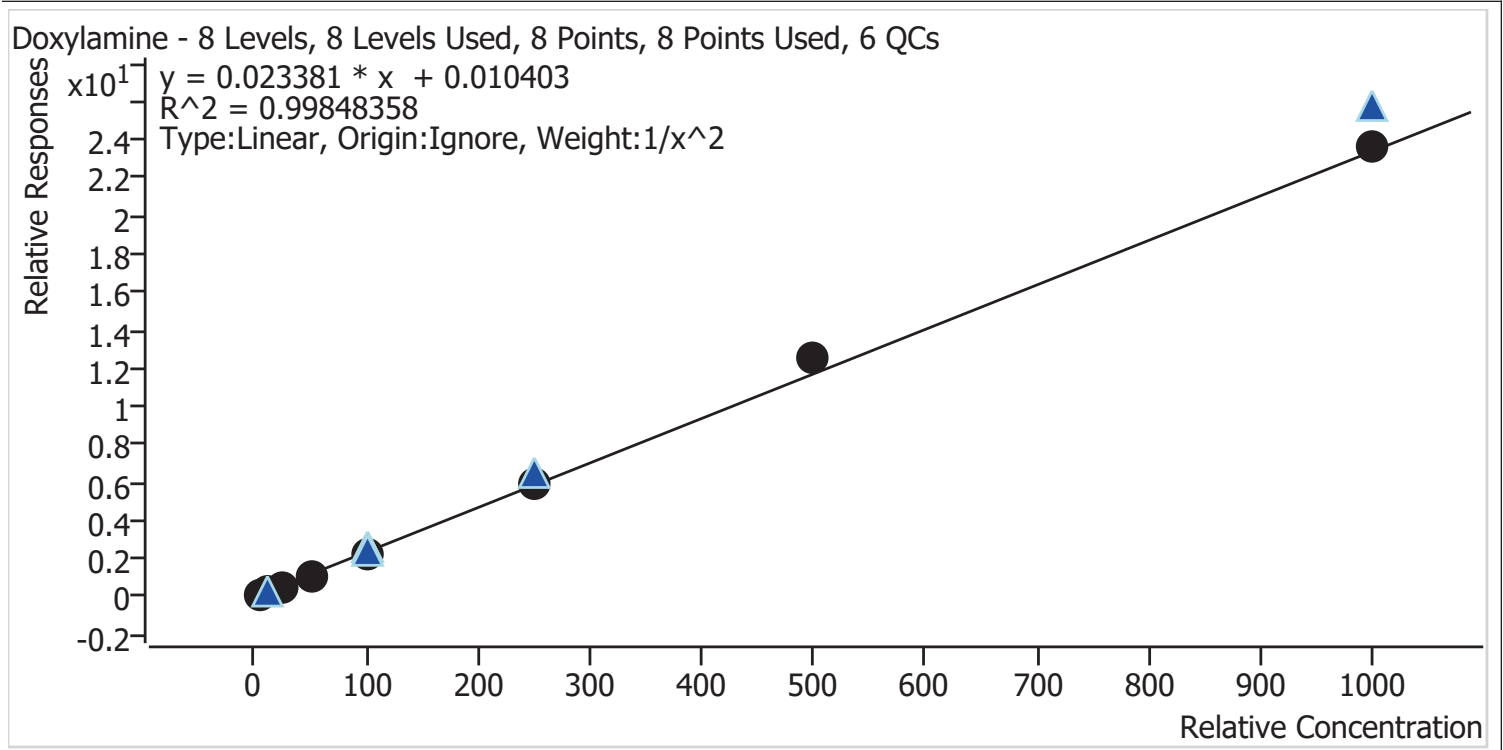


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
CS p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
CS p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
CS p1 Cal 4-50ng	4	✓	50.0	48.9	97.7
CS p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
CS p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
CS p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
CS p1 Cal 8-1000ng	8	✓	1000.0	1021.8	102.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



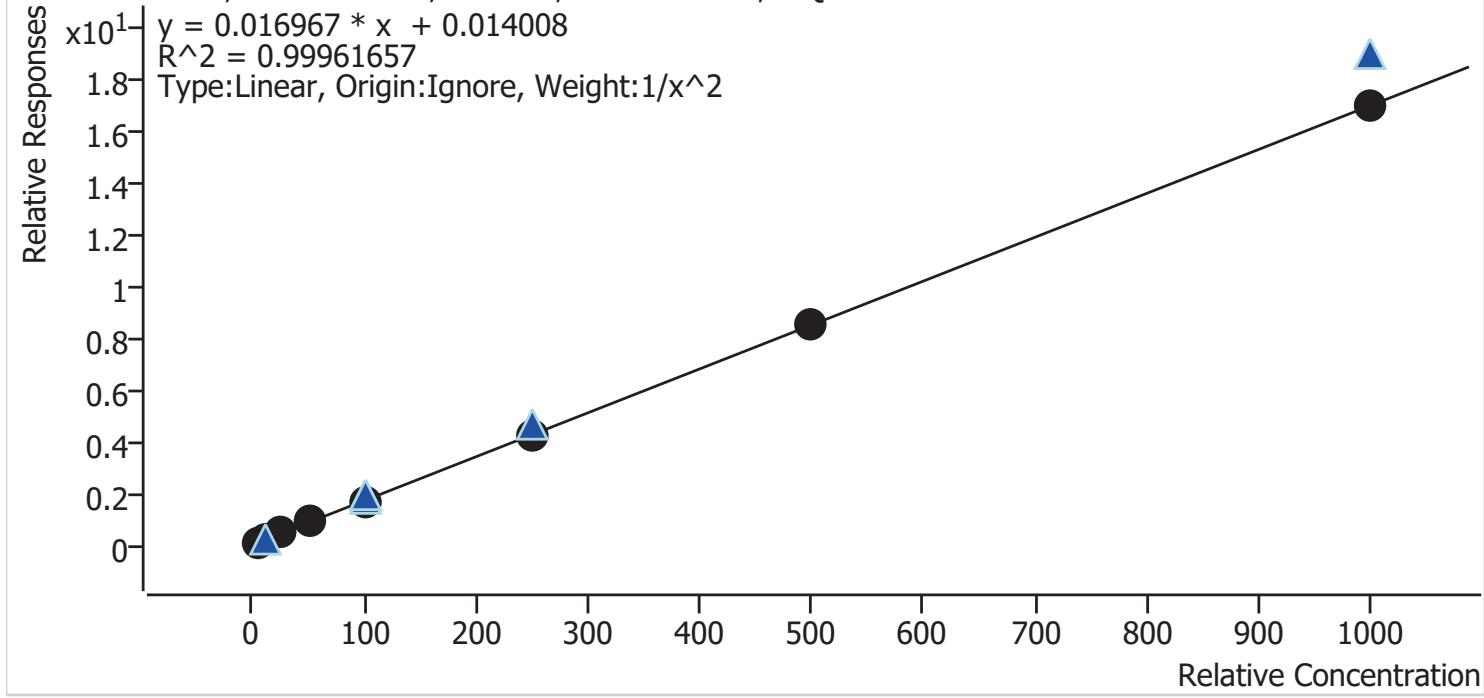
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
CS p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
CS p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
CS p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
CS p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
CS p1 Cal 6-250ng	6	✓	250.0	249.9	99.9
CS p1 Cal 7-500ng	7	✓	500.0	534.5	106.9
CS p1 Cal 8-1000ng	8	✓	1000.0	1011.4	101.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



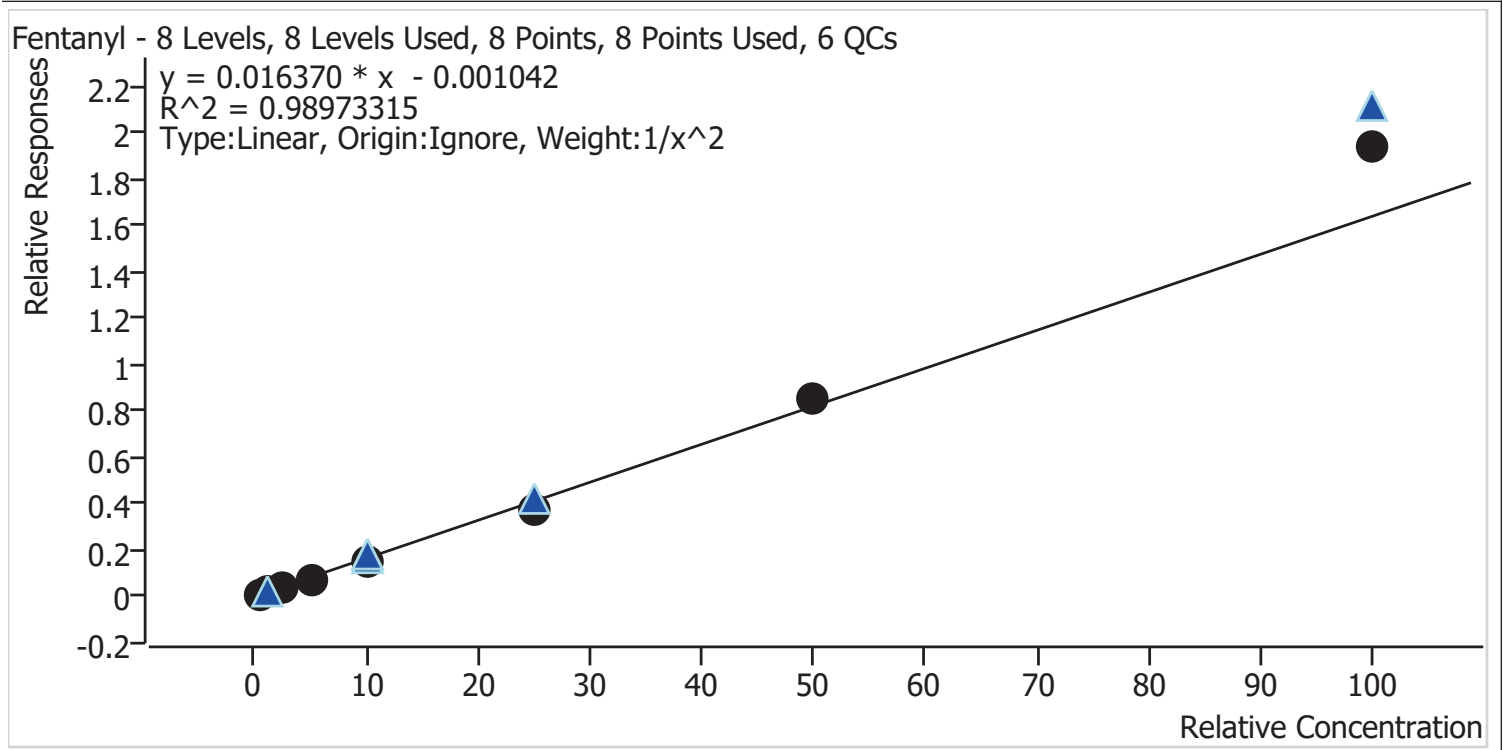
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
CS p1 Cal 2-10ng	2	✓	10.0	10.3	102.5
CS p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
CS p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
CS p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
CS p1 Cal 6-250ng	6	✓	250.0	244.4	97.7
CS p1 Cal 7-500ng	7	✓	500.0	499.6	99.9
CS p1 Cal 8-1000ng	8	✓	1000.0	1003.6	100.4

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



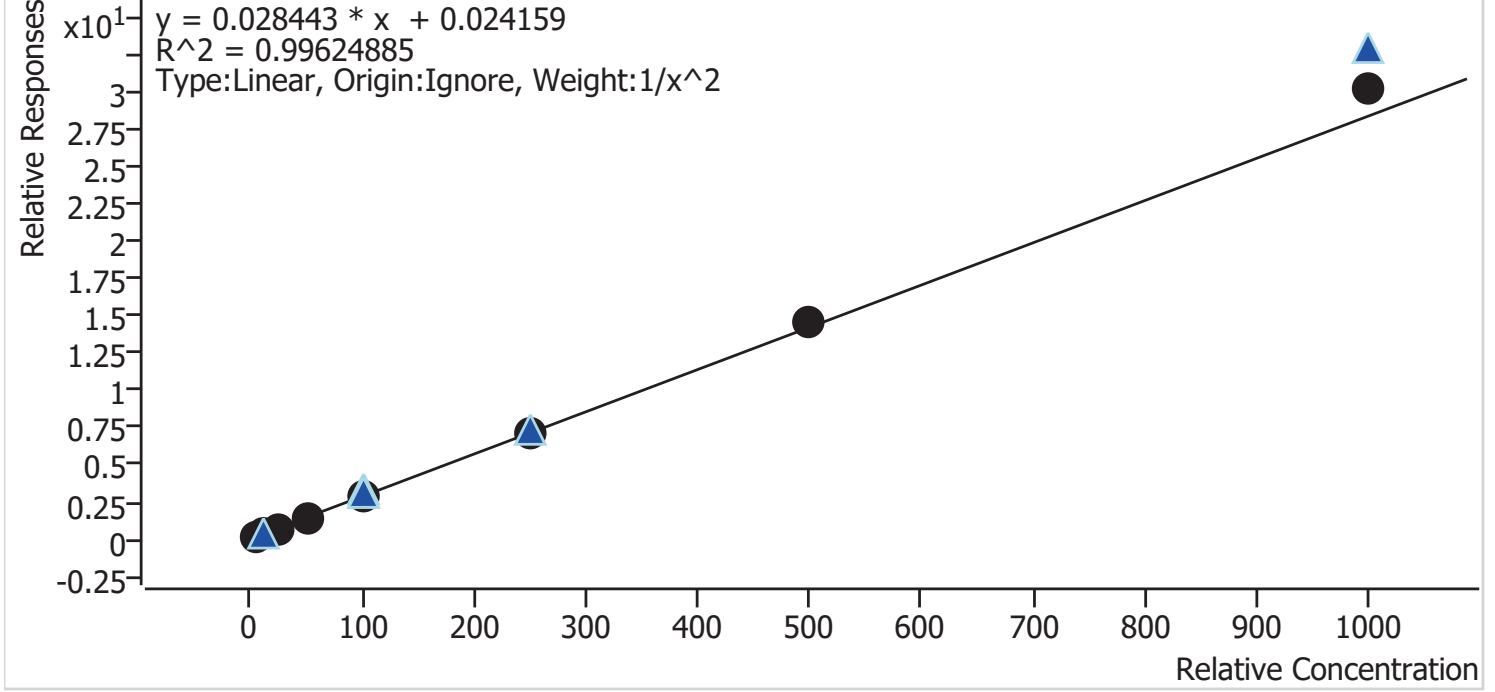
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	0.5	0.5	103.2
CS p1 Cal 2-10ng	2	✓	1.0	1.0	95.2
CS p1 Cal 3 -25ng	3	✓	2.5	2.5	101.4
CS p1 Cal 4-50ng	4	✓	5.0	4.6	92.7
CS p1 Cal 5-100ng	5	✓	10.0	9.3	92.9
CS p1 Cal 6-250ng	6	✓	25.0	23.1	92.4
CS p1 Cal 7-500ng	7	✓	50.0	52.0	104.0
CS p1 Cal 8-1000ng	8	✓	100.0	118.2	118.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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

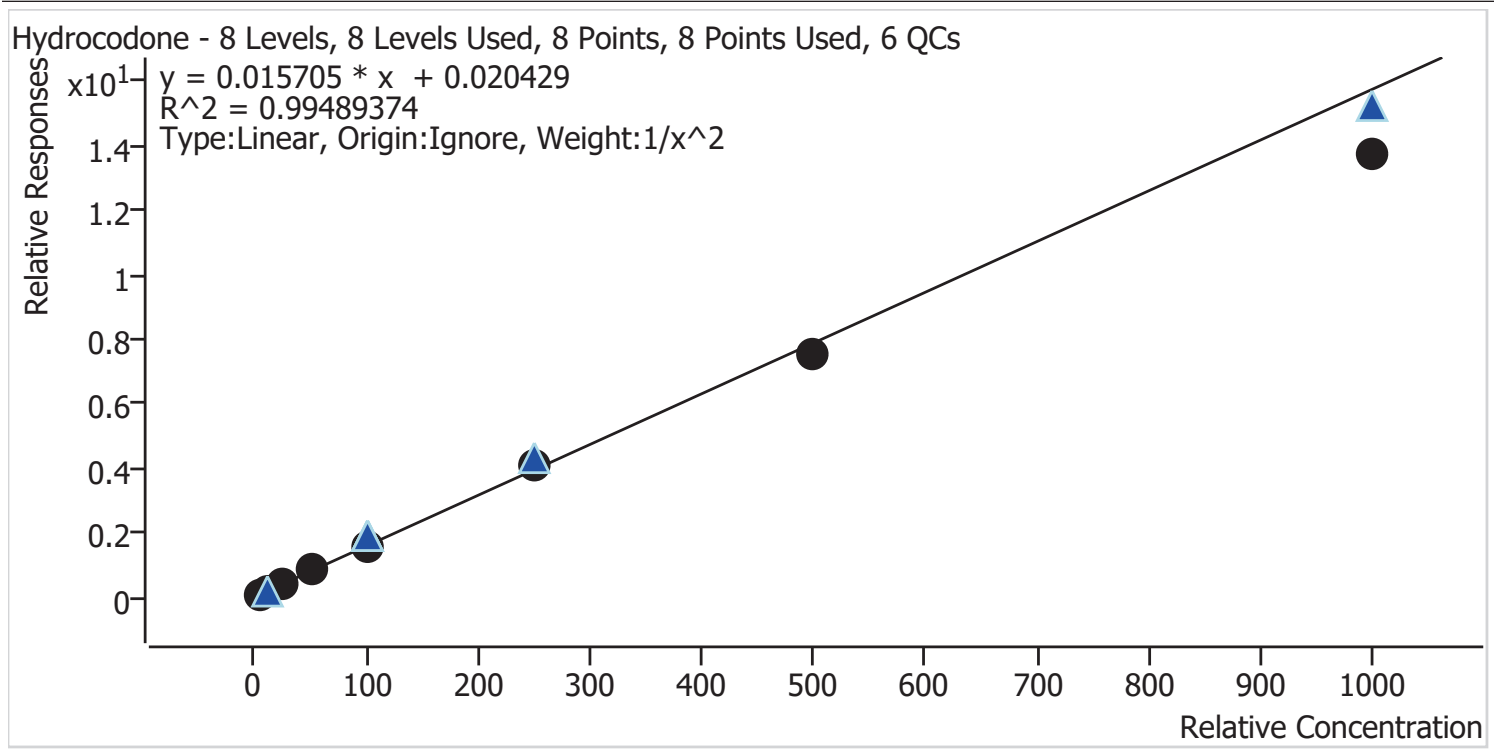


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.2	104.0
CS p1 Cal 2-10ng	2	✓	10.0	9.5	95.4
CS p1 Cal 3 -25ng	3	✓	25.0	22.5	90.0
CS p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
CS p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
CS p1 Cal 6-250ng	6	✓	250.0	245.6	98.3
CS p1 Cal 7-500ng	7	✓	500.0	515.1	103.0
CS p1 Cal 8-1000ng	8	✓	1000.0	1063.8	106.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

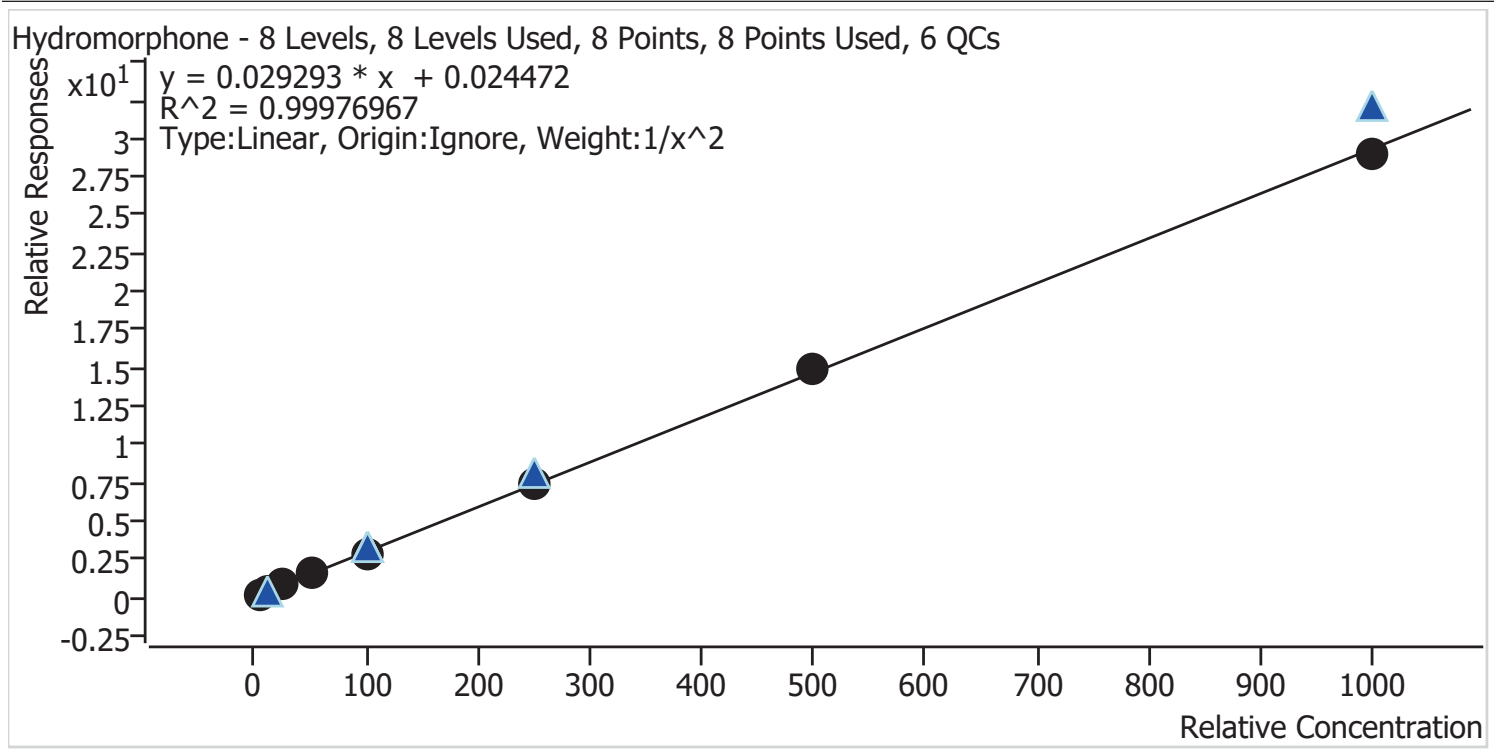


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
CS p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
CS p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
CS p1 Cal 4-50ng	4	✓	50.0	53.3	106.5
CS p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
CS p1 Cal 6-250ng	6	✓	250.0	257.4	103.0
CS p1 Cal 7-500ng	7	✓	500.0	480.4	96.1
CS p1 Cal 8-1000ng	8	✓	1000.0	876.5	87.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
CS p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
CS p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
CS p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
CS p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
CS p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
CS p1 Cal 7-500ng	7	✓	500.0	509.8	102.0
CS p1 Cal 8-1000ng	8	✓	1000.0	990.3	99.0

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

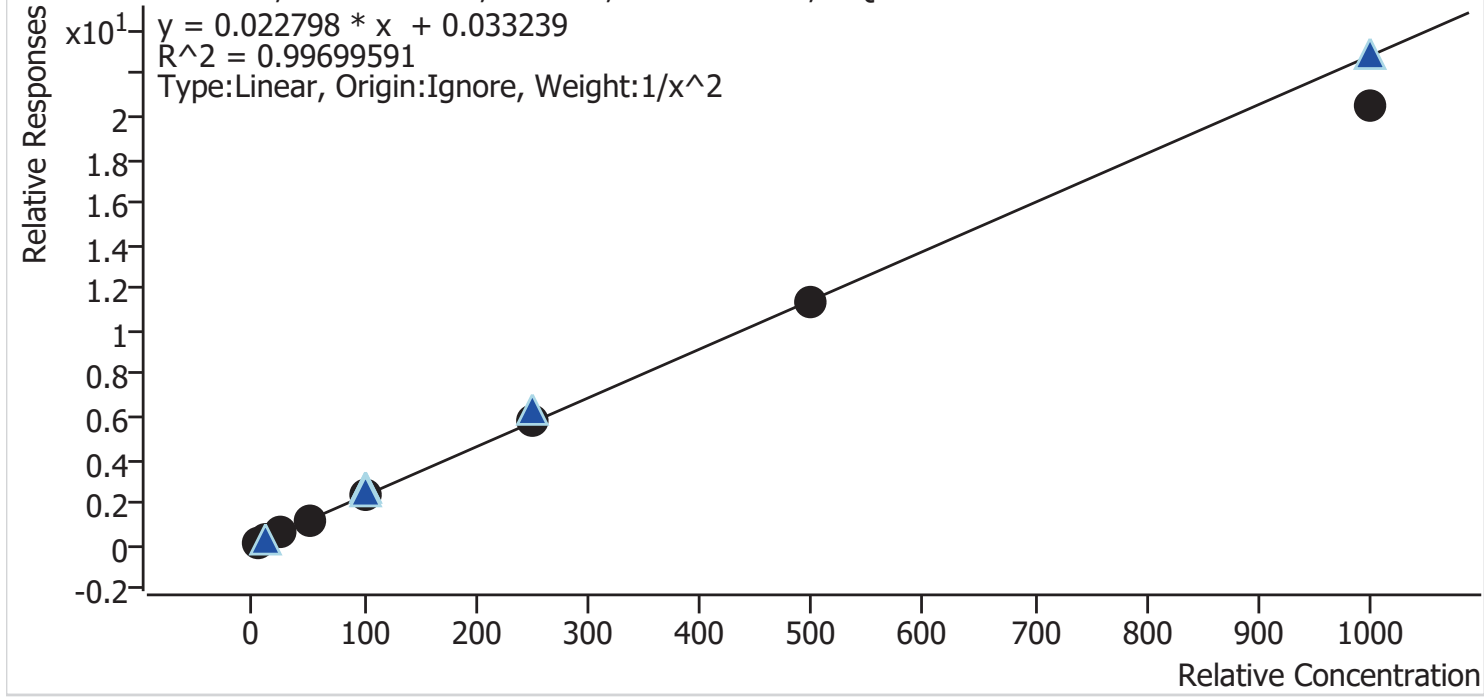
Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
CS.batch.bin

Last Cal. Update 11/12/2021 11:42 AM

Analyst Name ISP\datastor

Analyte Ketamine **Internal Standard** Ketamine-D4

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

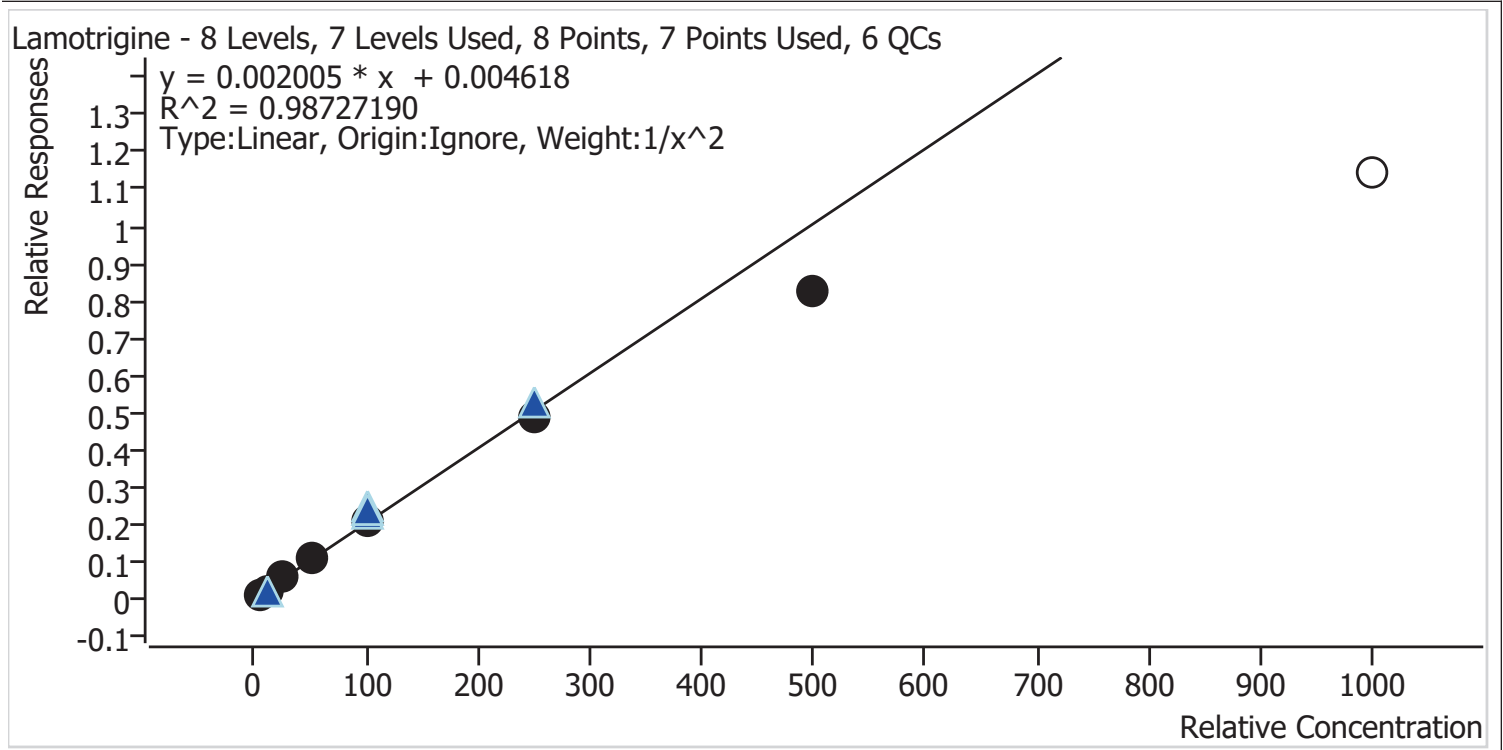


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
CS p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
CS p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
CS p1 Cal 4-50ng	4	✓	50.0	51.9	103.9
CS p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
CS p1 Cal 6-250ng	6	✓	250.0	253.6	101.5
CS p1 Cal 7-500ng	7	✓	500.0	494.9	99.0
CS p1 Cal 8-1000ng	8	✓	1000.0	896.3	89.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
CS p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
CS p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
CS p1 Cal 4-50ng	4	✓	50.0	54.9	109.9
CS p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
CS p1 Cal 6-250ng	6	✓	250.0	239.6	95.8
CS p1 Cal 7-500ng	7	✓	500.0	411.1	82.2
CS p1 Cal 8-1000ng	8	×	1000.0	570.4	57.0

Calibrator 8 dropped due to not meeting accuracy requirement.

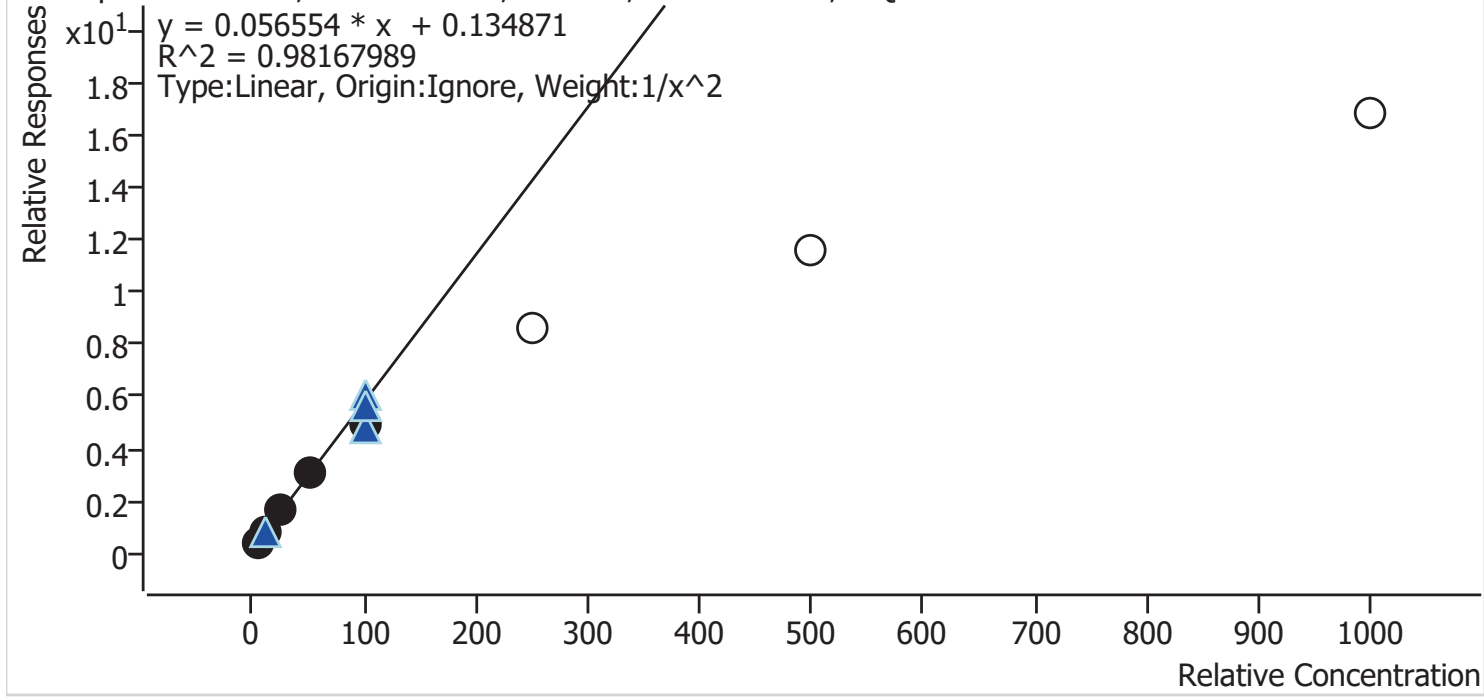
g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

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



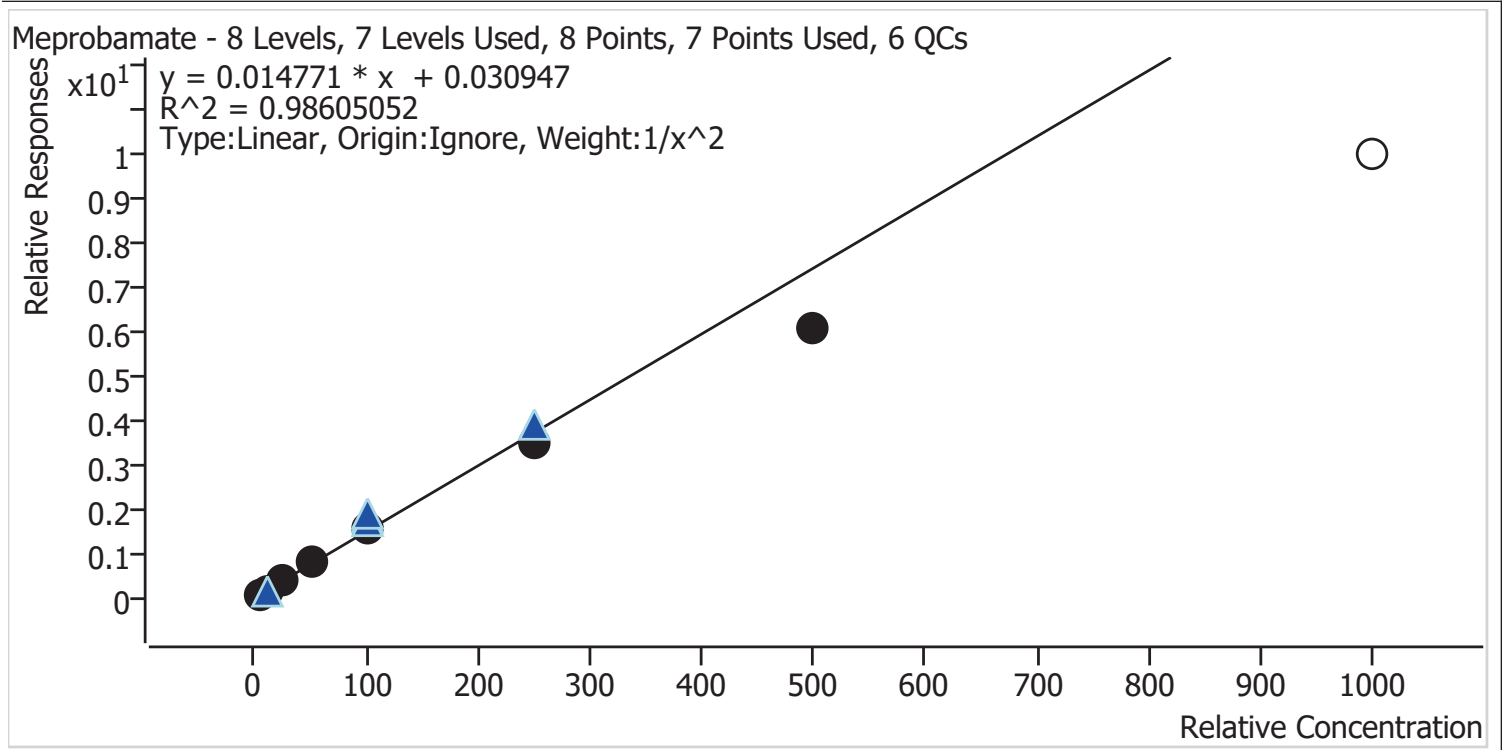
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.7	93.5
CS p1 Cal 2-10ng	2	✓	10.0	11.1	110.8
CS p1 Cal 3-25ng	3	✓	25.0	26.9	107.7
CS p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
CS p1 Cal 5-100ng	5	✓	100.0	85.2	85.2
CS p1 Cal 6-250ng	6	×	250.0	149.8	59.9
CS p1 Cal 7-500ng	7	×	500.0	204.0	40.8
CS p1 Cal 8-1000ng	8	×	1000.0	297.3	29.7

Calibrators 6, 7, and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



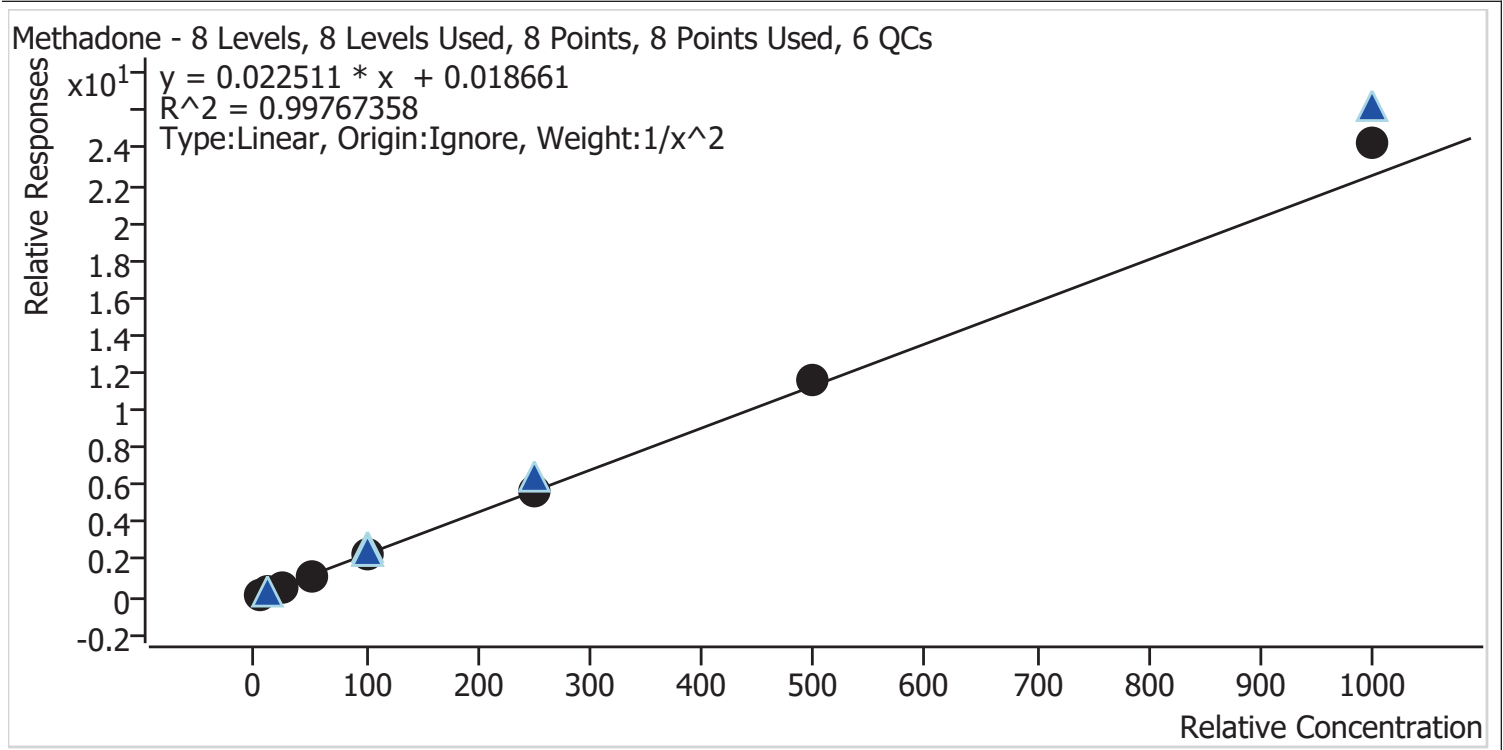
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
CS p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
CS p1 Cal 3 -25ng	3	✓	25.0	27.5	110.0
CS p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
CS p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
CS p1 Cal 6-250ng	6	✓	250.0	234.5	93.8
CS p1 Cal 7-500ng	7	✓	500.0	411.4	82.3
CS p1 Cal 8-1000ng	8	×	1000.0	676.4	67.6

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

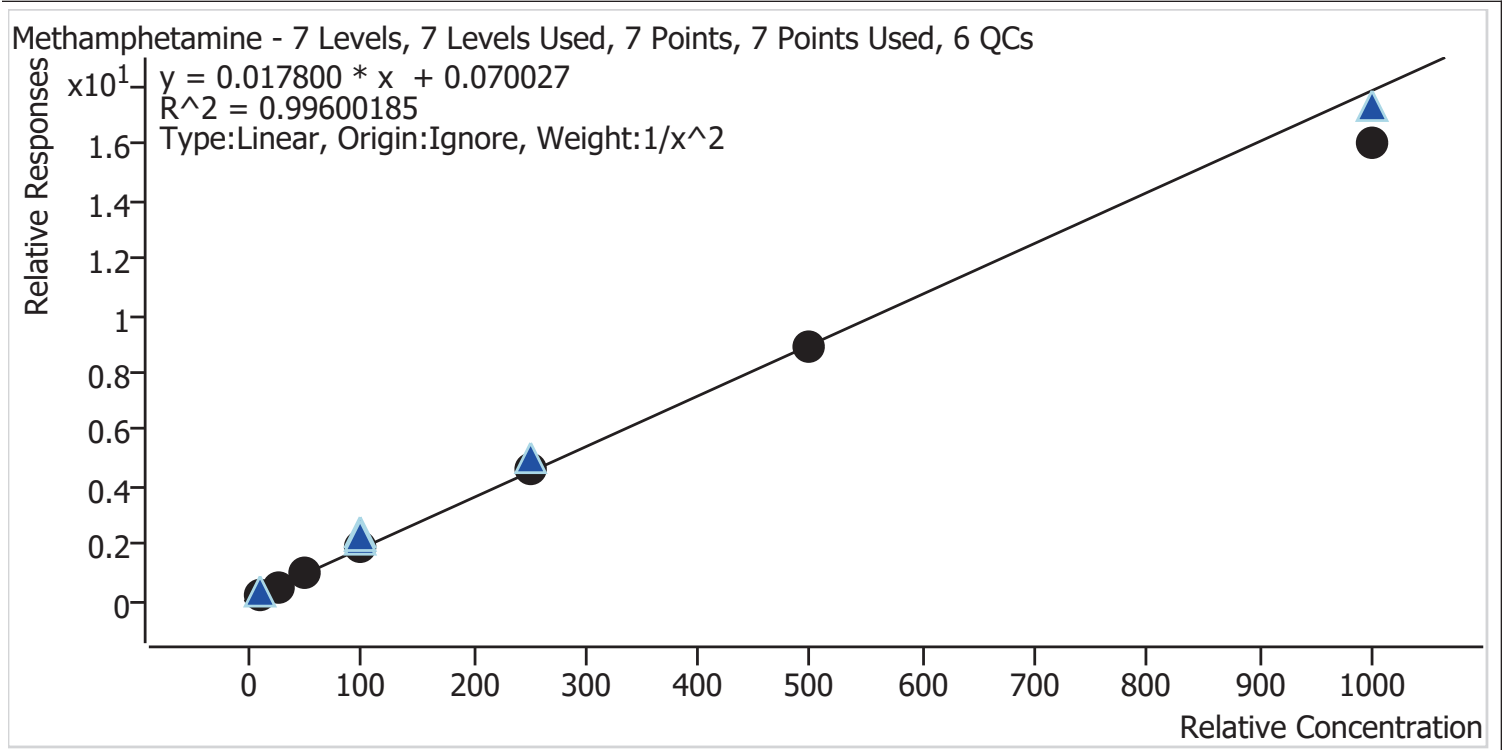


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
CS p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
CS p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
CS p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
CS p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
CS p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
CS p1 Cal 7-500ng	7	✓	500.0	510.8	102.2
CS p1 Cal 8-1000ng	8	✓	1000.0	1079.7	108.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



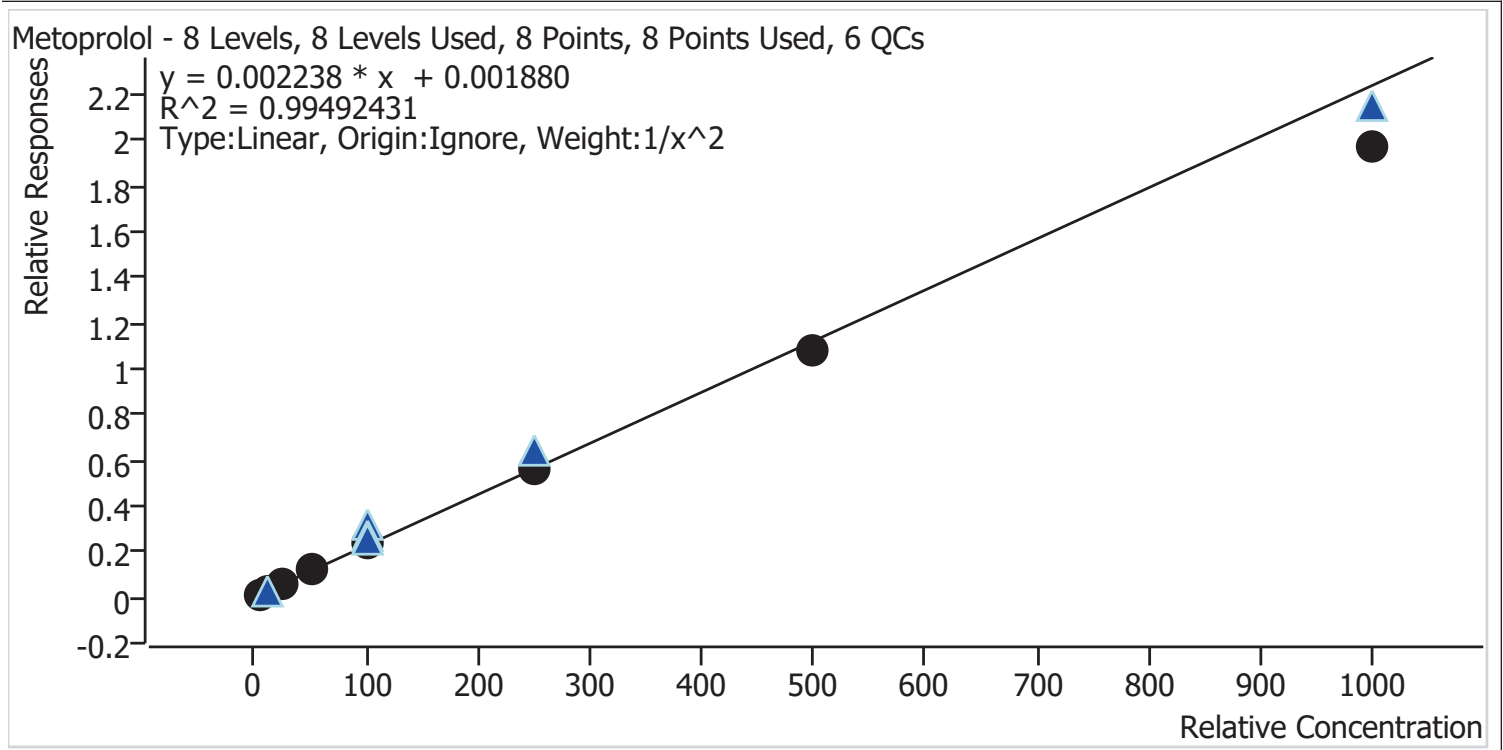
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
CS p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
CS p1 Cal 4-50ng	4	✓	50.0	53.1	106.3
CS p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
CS p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
CS p1 Cal 7-500ng	7	✓	500.0	495.7	99.1
CS p1 Cal 8-1000ng	8	✓	1000.0	897.3	89.7

Calibrator 1 dropped as it was below the LOD.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

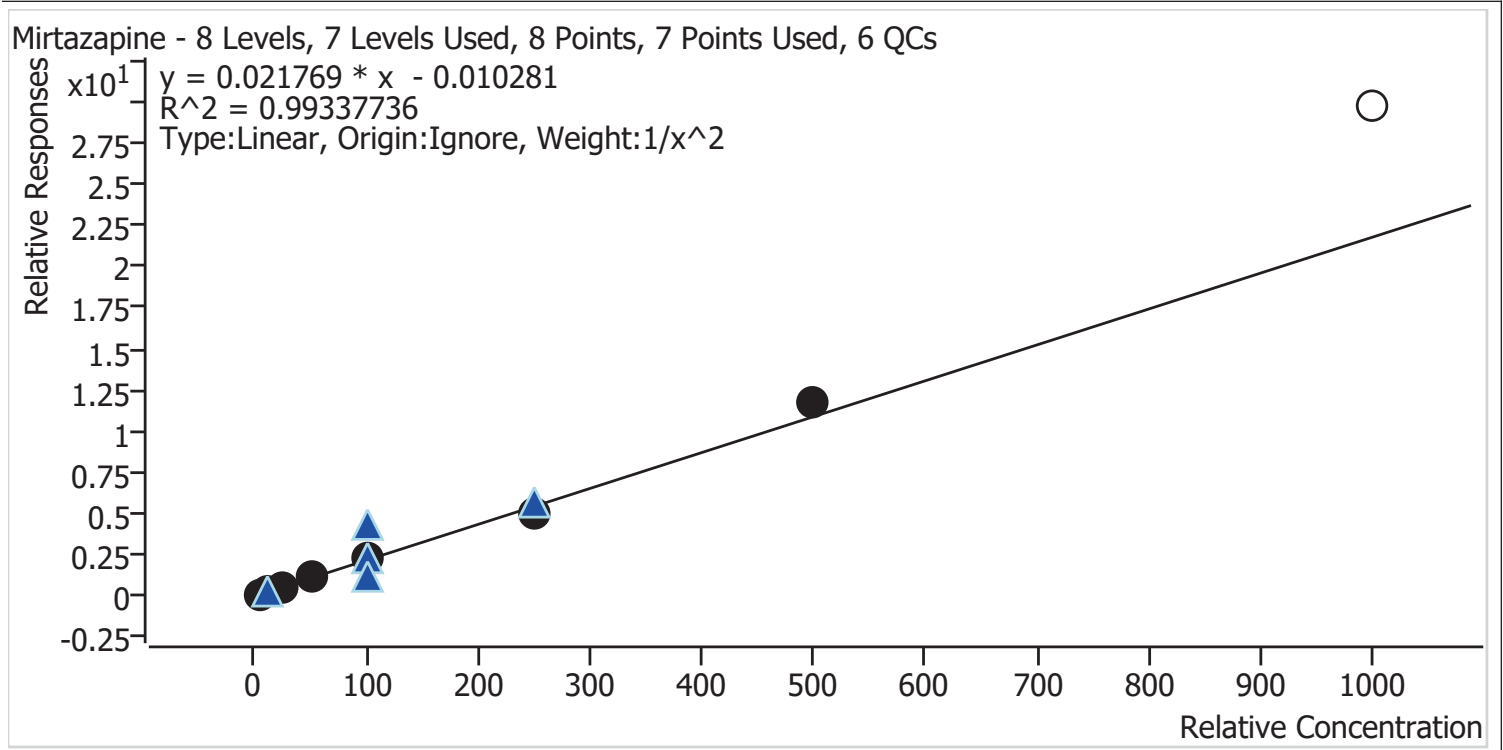


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
CS p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
CS p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
CS p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
CS p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
CS p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
CS p1 Cal 7-500ng	7	✓	500.0	481.8	96.4
CS p1 Cal 8-1000ng	8	✓	1000.0	882.3	88.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



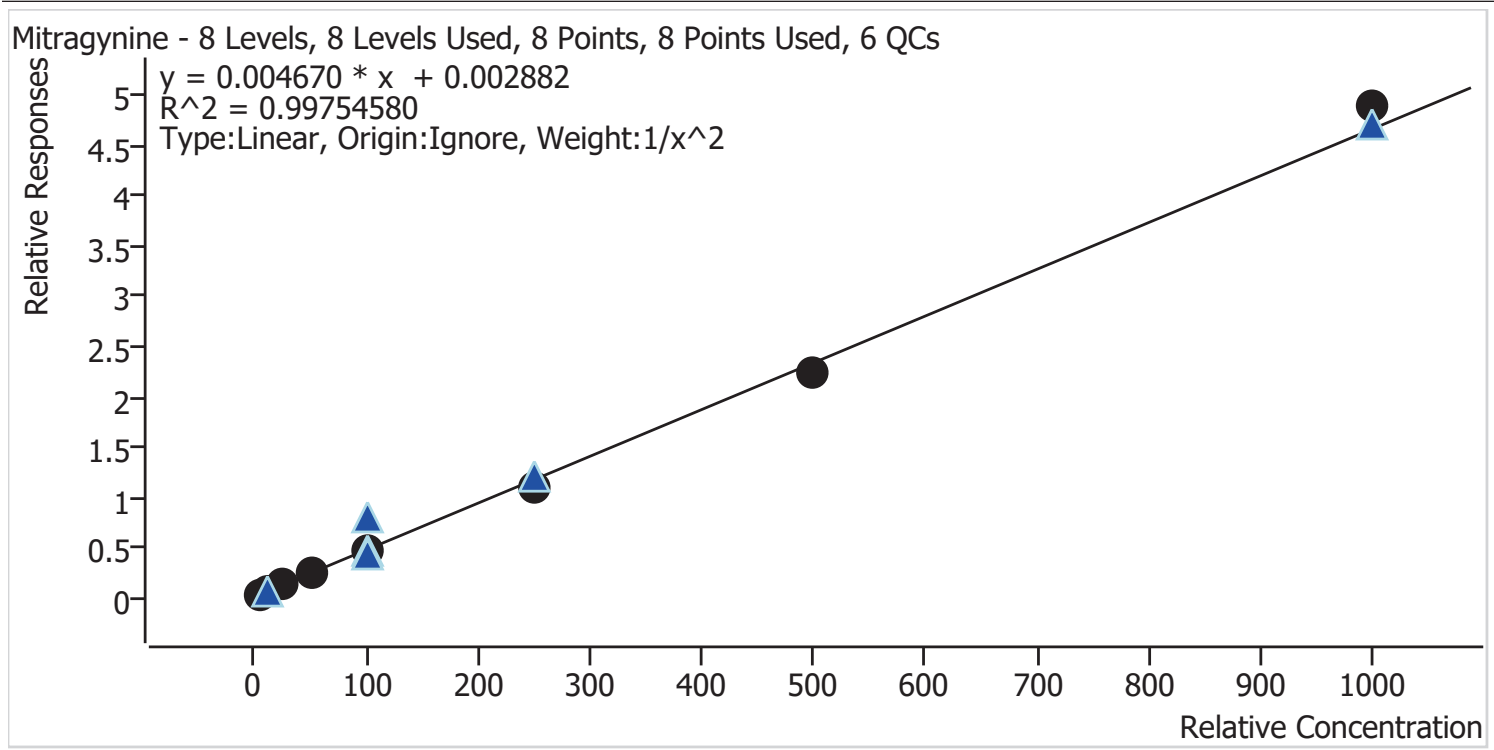
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
CS p1 Cal 2-10ng	2	✓	10.0	9.6	95.8
CS p1 Cal 3 -25ng	3	✓	25.0	22.8	91.3
CS p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
CS p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
CS p1 Cal 6-250ng	6	✓	250.0	230.4	92.2
CS p1 Cal 7-500ng	7	✓	500.0	535.6	107.1
CS p1 Cal 8-1000ng	8	×	1000.0	1364.9	136.5

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

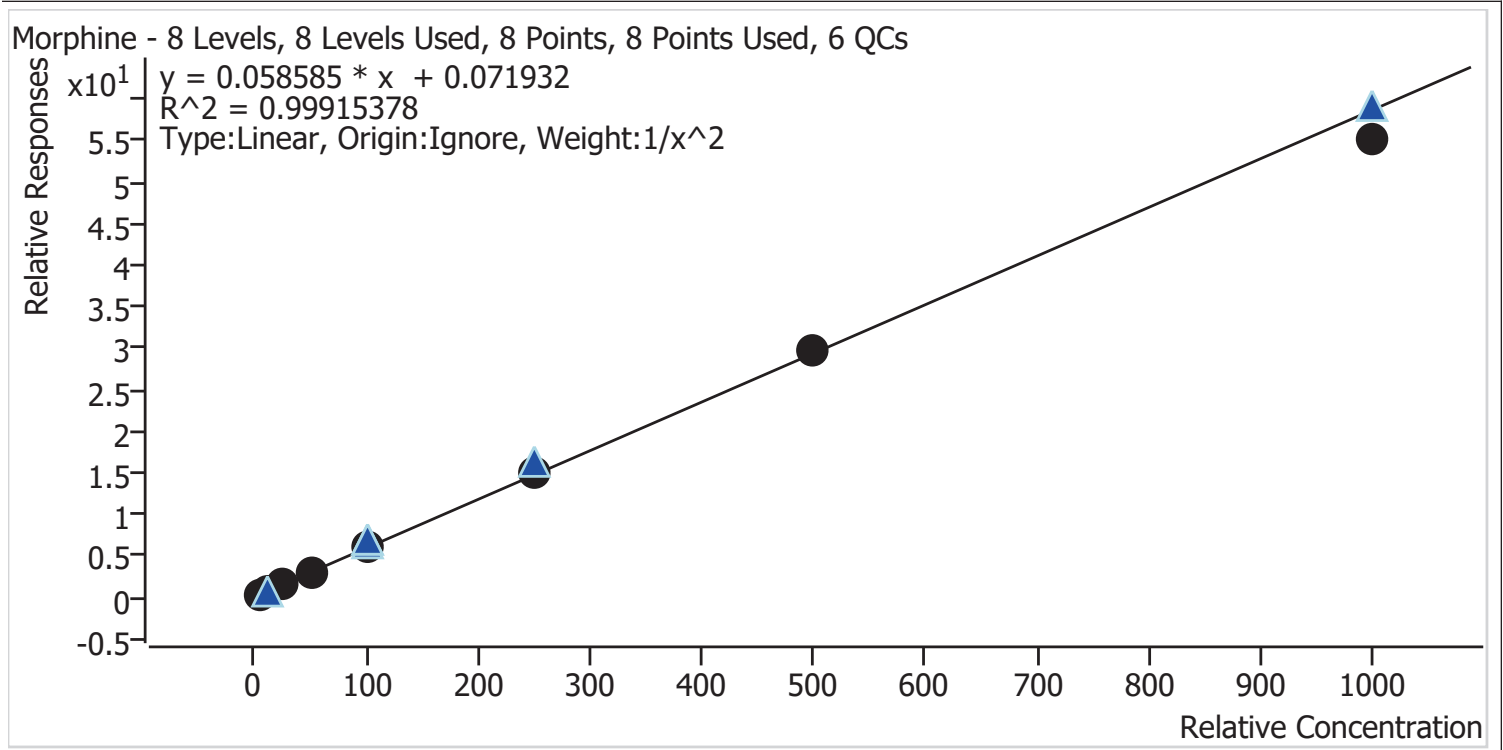


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
CS p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
CS p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
CS p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
CS p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
CS p1 Cal 6-250ng	6	✓	250.0	231.1	92.4
CS p1 Cal 7-500ng	7	✓	500.0	478.6	95.7
CS p1 Cal 8-1000ng	8	✓	1000.0	1048.8	104.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
CS p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
CS p1 Cal 3-25ng	3	✓	25.0	25.2	100.7
CS p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
CS p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
CS p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
CS p1 Cal 7-500ng	7	✓	500.0	505.8	101.2
CS p1 Cal 8-1000ng	8	✓	1000.0	941.3	94.1

g



AM #28 Multi-Drug Quant. Calibration Curve Report

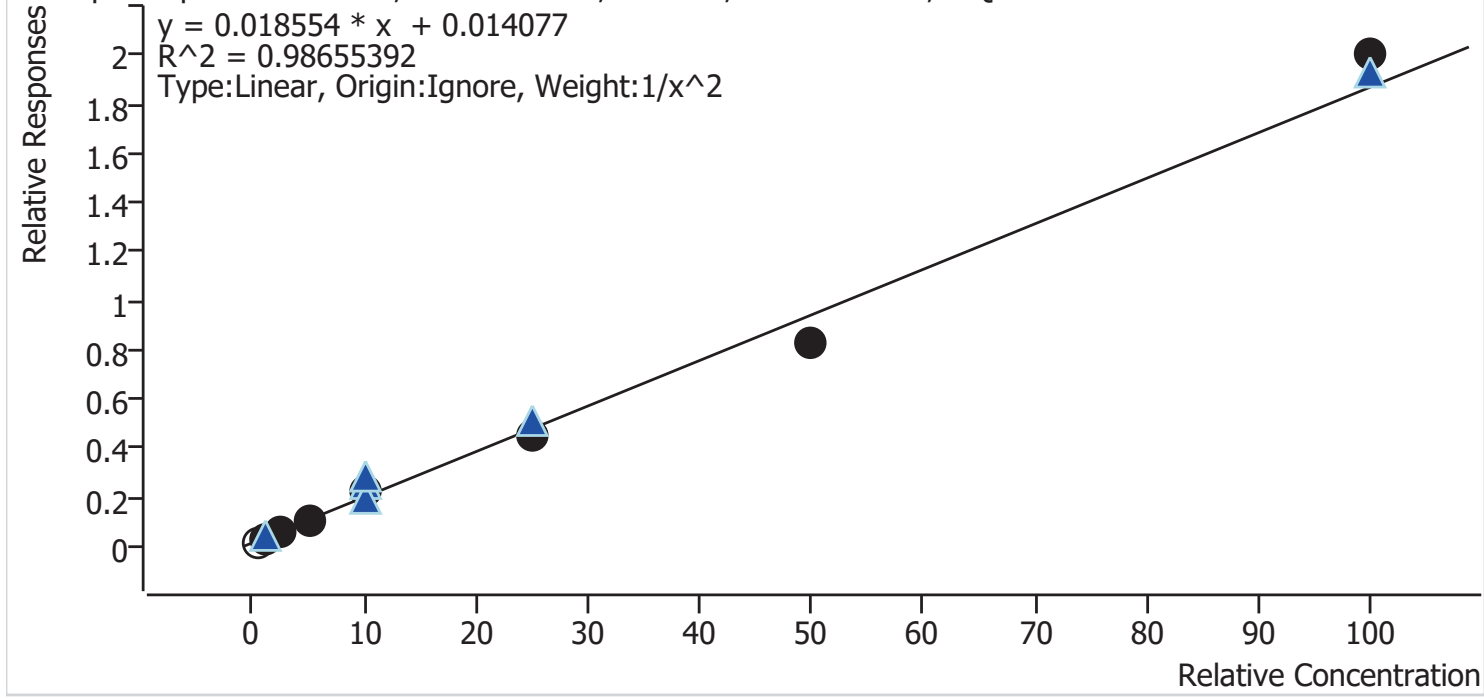
Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
CS.batch.bin

Last Cal. Update 11/12/2021 11:42 AM

Analyst Name ISP\datastor

Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	×	0.5	0.1	16.3
CS p1 Cal 2-10ng	2	✓	1.0	1.0	96.5
CS p1 Cal 3 -25ng	3	✓	2.5	2.8	110.5
CS p1 Cal 4-50ng	4	✓	5.0	4.6	92.3
CS p1 Cal 5-100ng	5	✓	10.0	11.3	112.7
CS p1 Cal 6-250ng	6	✓	25.0	23.4	93.6
CS p1 Cal 7-500ng	7	✓	50.0	43.6	87.1
CS p1 Cal 8-1000ng	8	✓	100.0	107.2	107.2

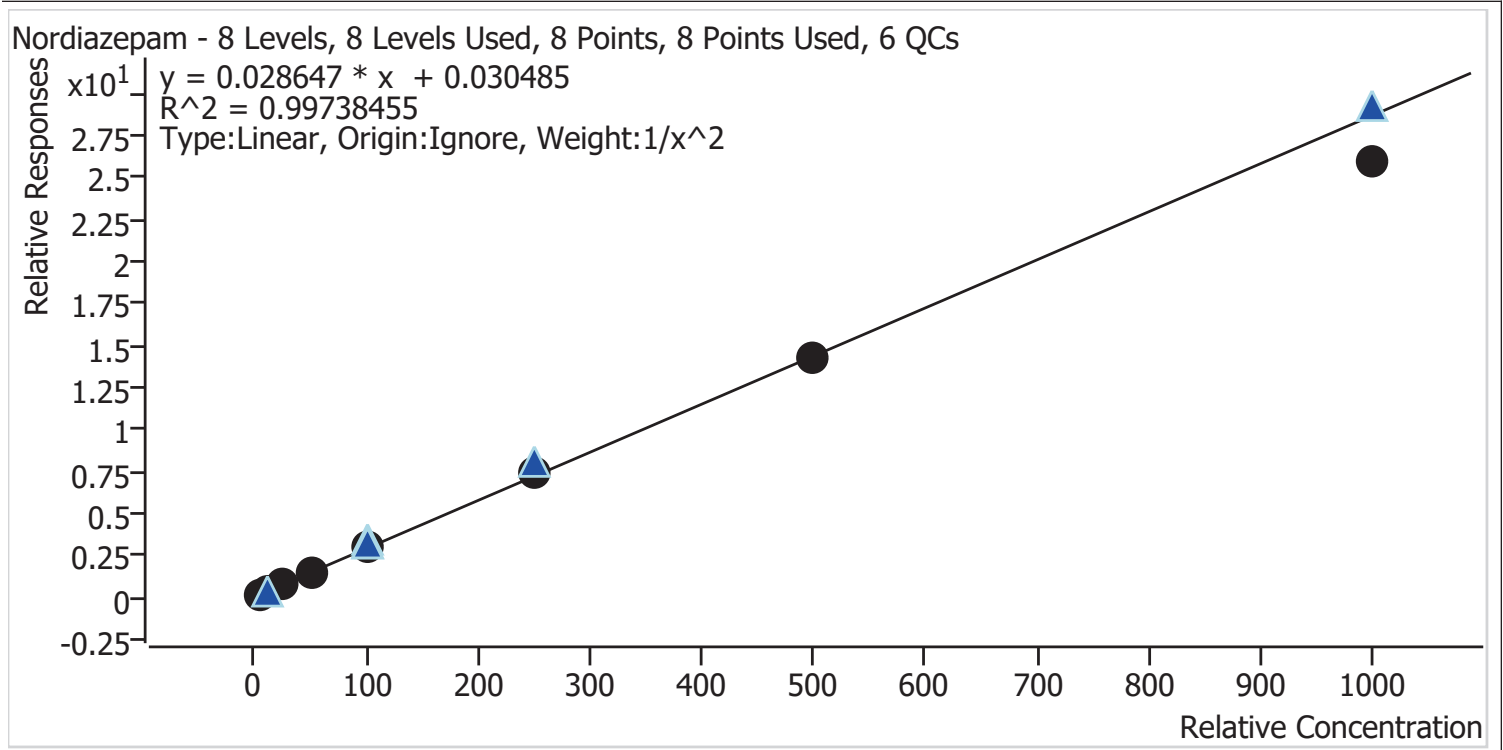
Calibrator 1 dropped due to not meeting accuracy requirement.

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
CS p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
CS p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
CS p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
CS p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
CS p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
CS p1 Cal 7-500ng	7	✓	500.0	497.6	99.5
CS p1 Cal 8-1000ng	8	✓	1000.0	903.5	90.4

g



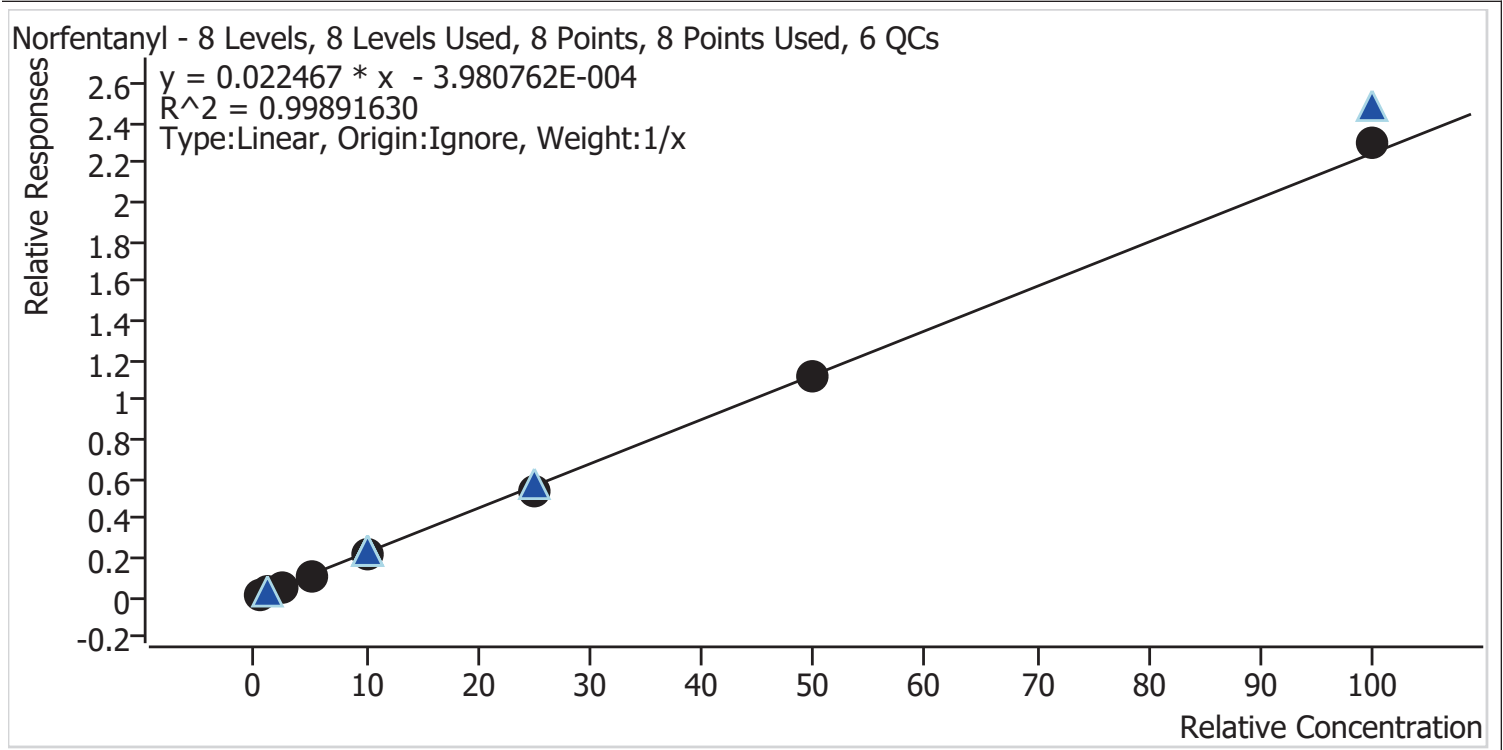
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
CS.batch.bin

Last Cal. Update 11/12/2021 11:42 AM

Analyst Name ISP\datastor

Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	0.5	0.6	117.4
CS p1 Cal 2-10ng	2	✓	1.0	1.0	101.3
CS p1 Cal 3-25ng	3	✓	2.5	2.4	96.1
CS p1 Cal 4-50ng	4	✓	5.0	4.8	95.2
CS p1 Cal 5-100ng	5	✓	10.0	9.3	92.7
CS p1 Cal 6-250ng	6	✓	25.0	23.8	95.3
CS p1 Cal 7-500ng	7	✓	50.0	49.9	99.8
CS p1 Cal 8-1000ng	8	✓	100.0	102.3	102.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

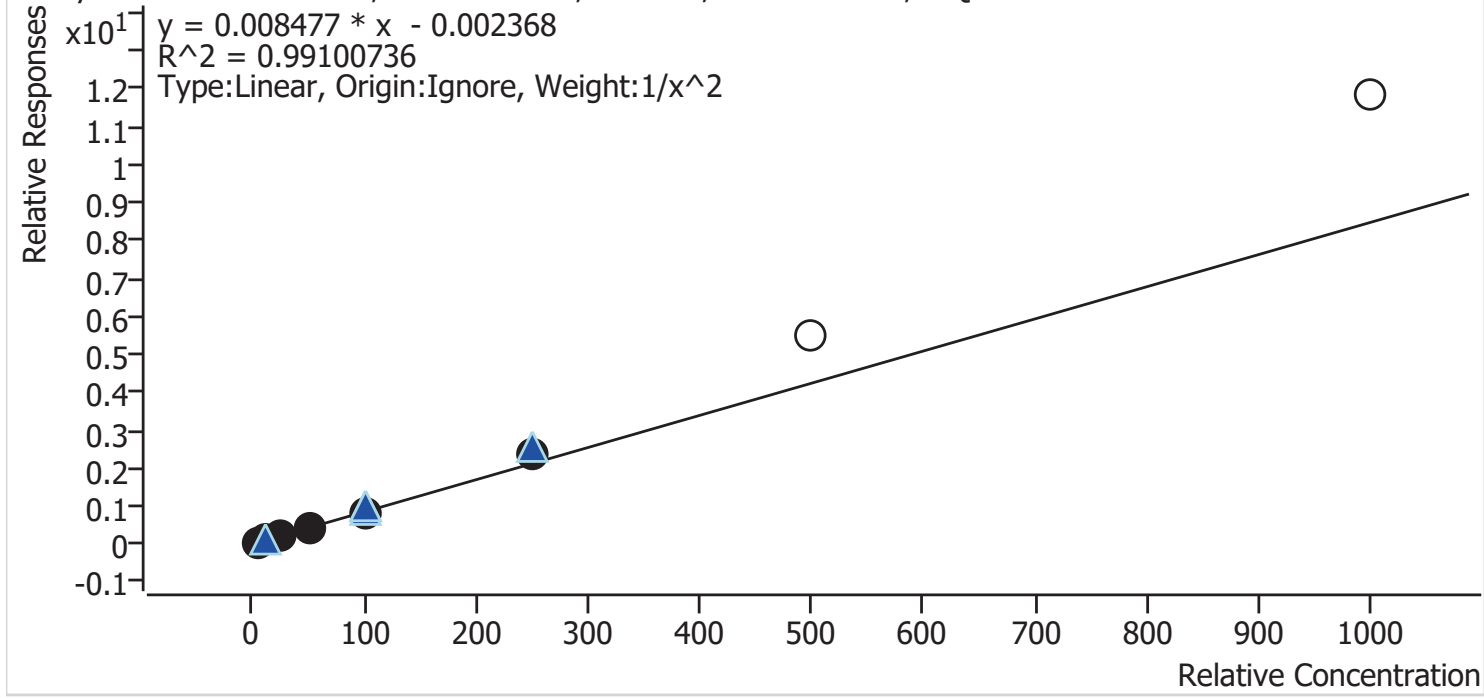
Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
CS.batch.bin

Last Cal. Update 11/12/2021 11:42 AM

Analyst Name ISP\datastor

Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



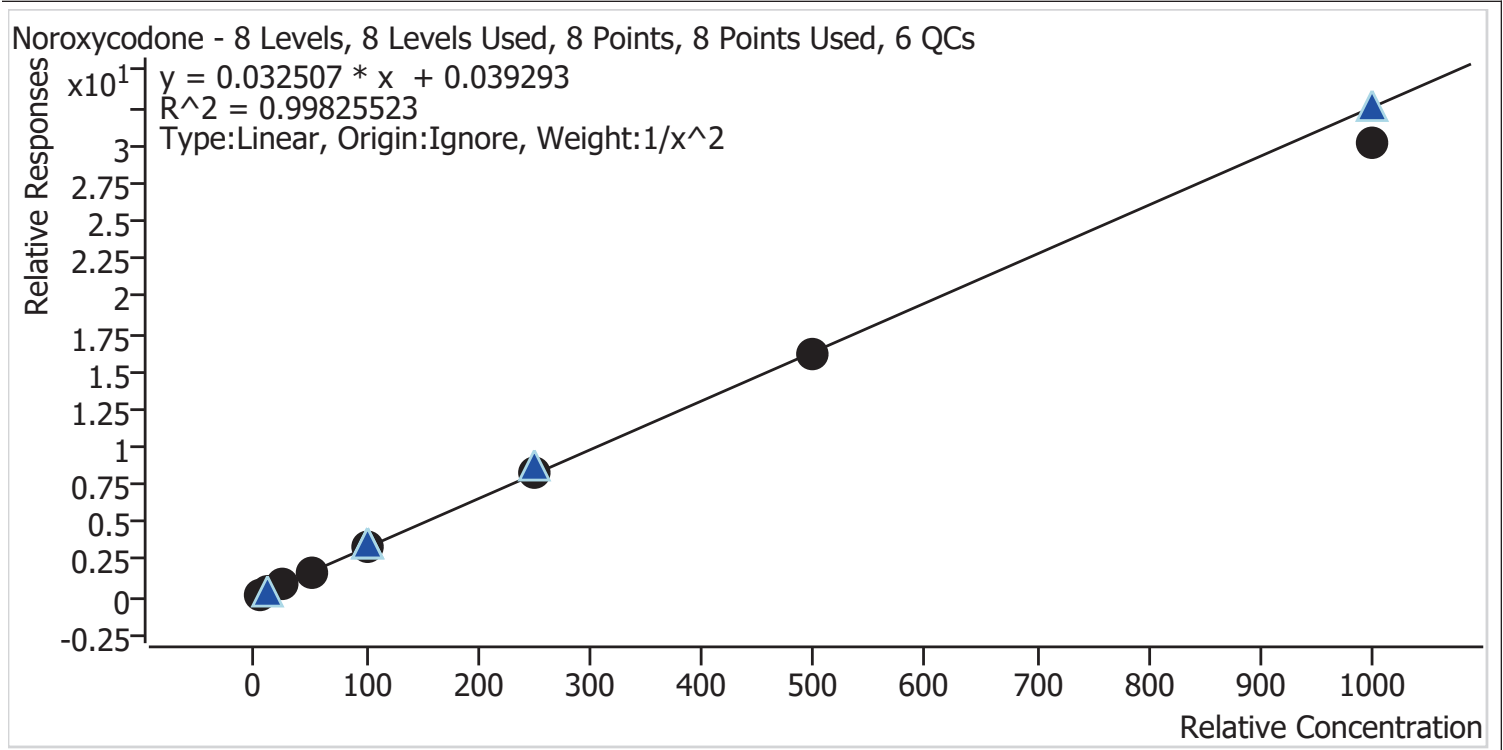
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.2	105.0
CS p1 Cal 2-10ng	2	✓	10.0	9.2	92.2
CS p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
CS p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
CS p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
CS p1 Cal 6-250ng	6	✓	250.0	282.2	112.9
CS p1 Cal 7-500ng	7	×	500.0	652.7	130.5
CS p1 Cal 8-1000ng	8	×	1000.0	1398.3	139.8

Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
CS p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
CS p1 Cal 3 -25ng	3	✓	25.0	25.8	103.0
CS p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
CS p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
CS p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
CS p1 Cal 7-500ng	7	✓	500.0	495.0	99.0
CS p1 Cal 8-1000ng	8	✓	1000.0	925.9	92.6

CS



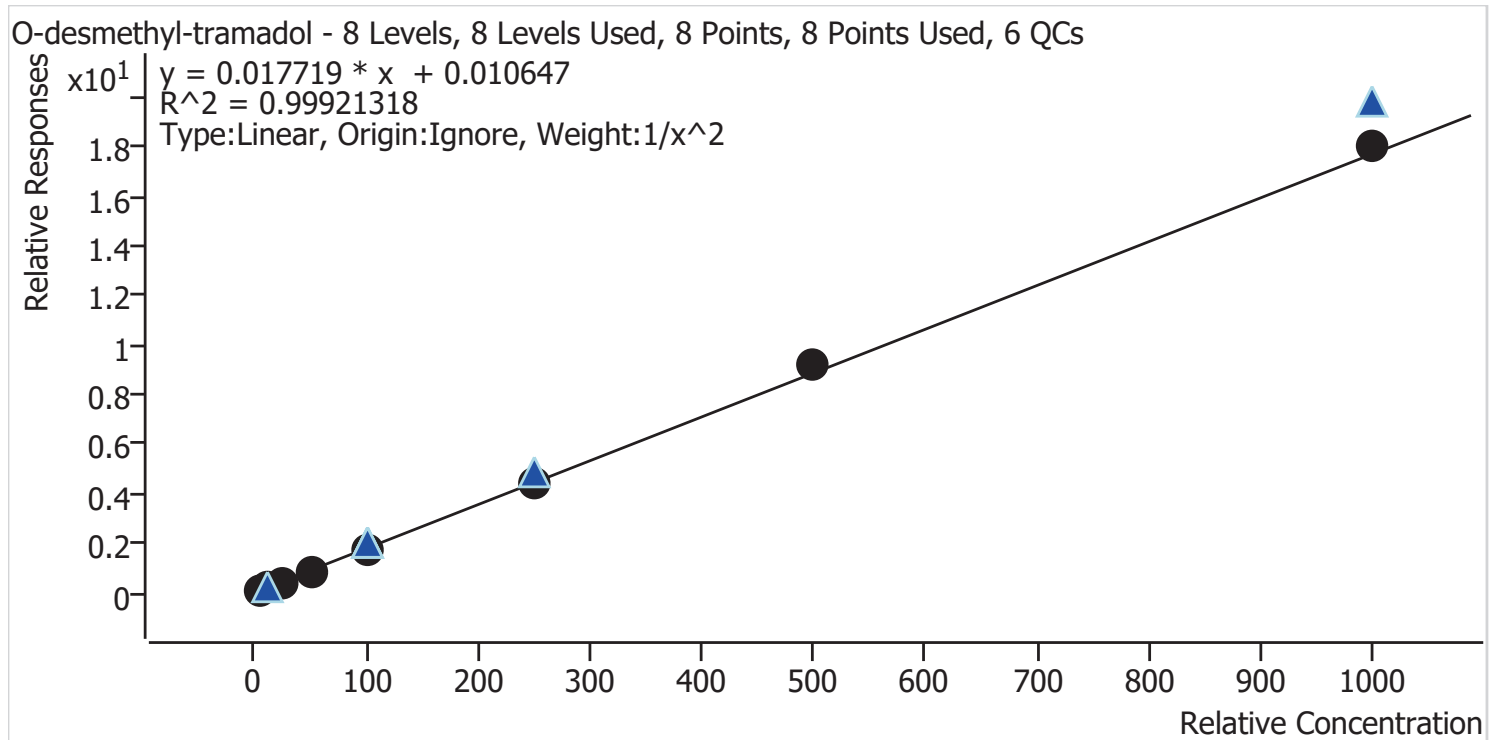
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
CS.batch.bin

Last Cal. Update 11/12/2021 11:42 AM

Analyst Name ISP\datastor

Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

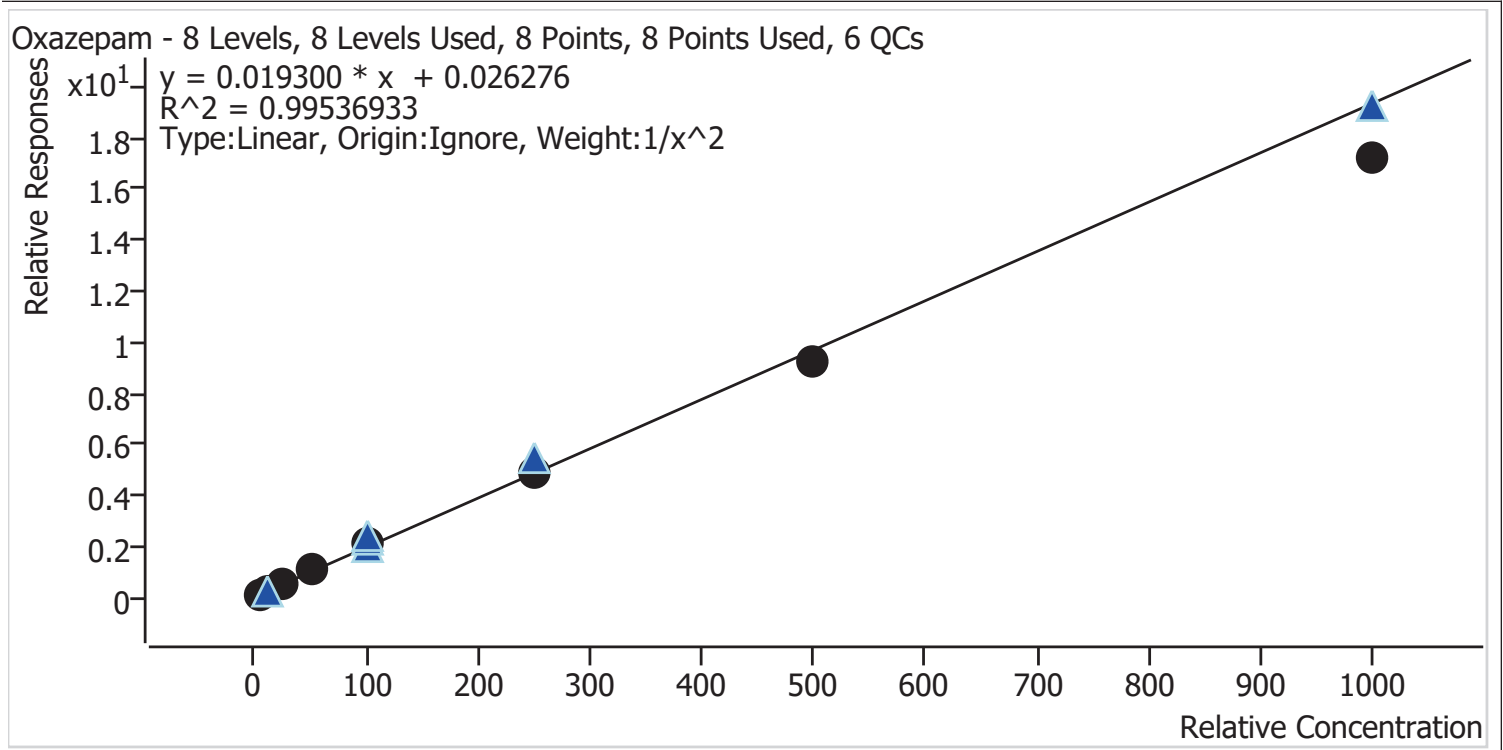


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
CS p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
CS p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
CS p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
CS p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
CS p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
CS p1 Cal 7-500ng	7	✓	500.0	519.8	104.0
CS p1 Cal 8-1000ng	8	✓	1000.0	1021.5	102.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
CS p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
CS p1 Cal 3 -25ng	3	✓	25.0	25.6	102.6
CS p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
CS p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
CS p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
CS p1 Cal 7-500ng	7	✓	500.0	475.3	95.1
CS p1 Cal 8-1000ng	8	✓	1000.0	891.6	89.2

CS



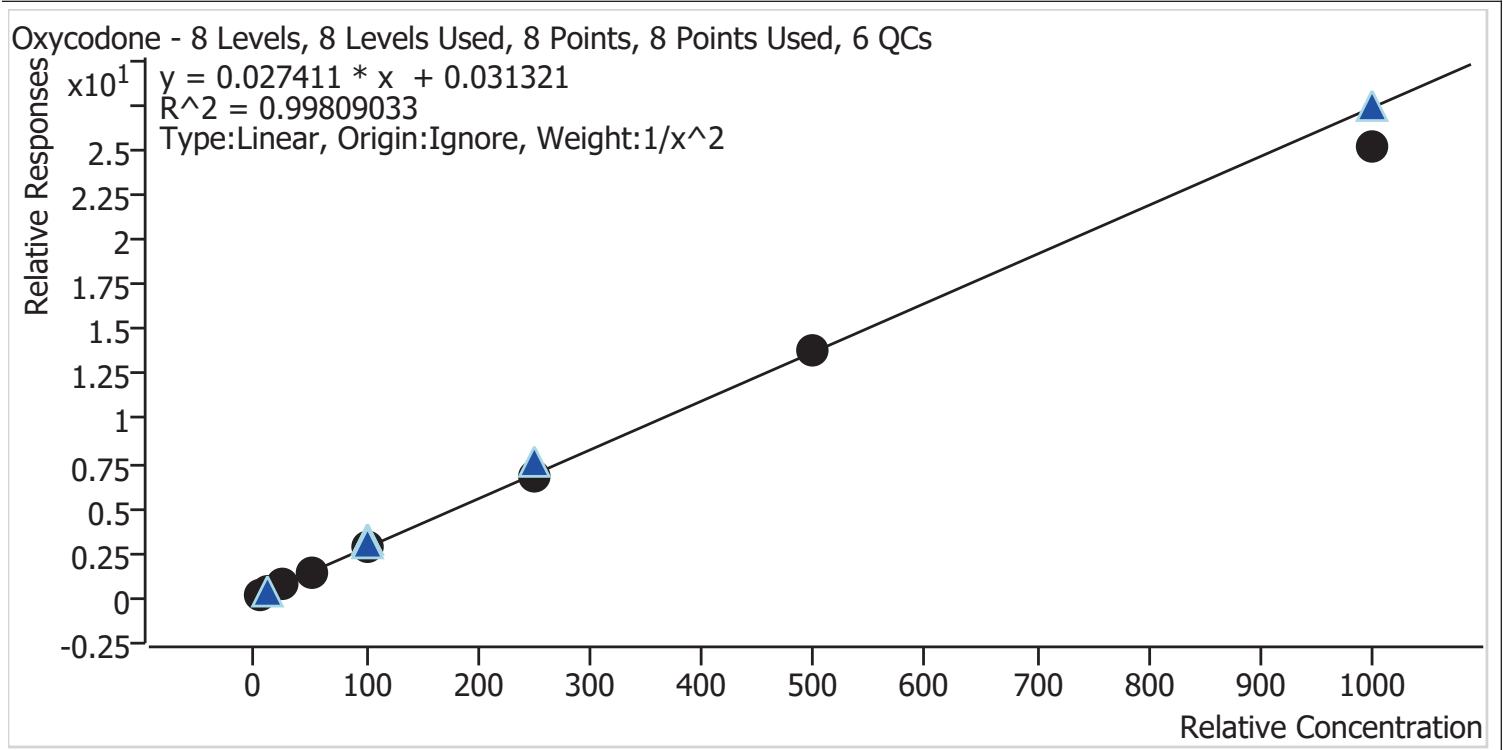
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
CS.batch.bin

Last Cal. Update 11/12/2021 11:42 AM

Analyst Name ISP\datastor

Analyte Oxycodone **Internal Standard** Oxycodone-D6

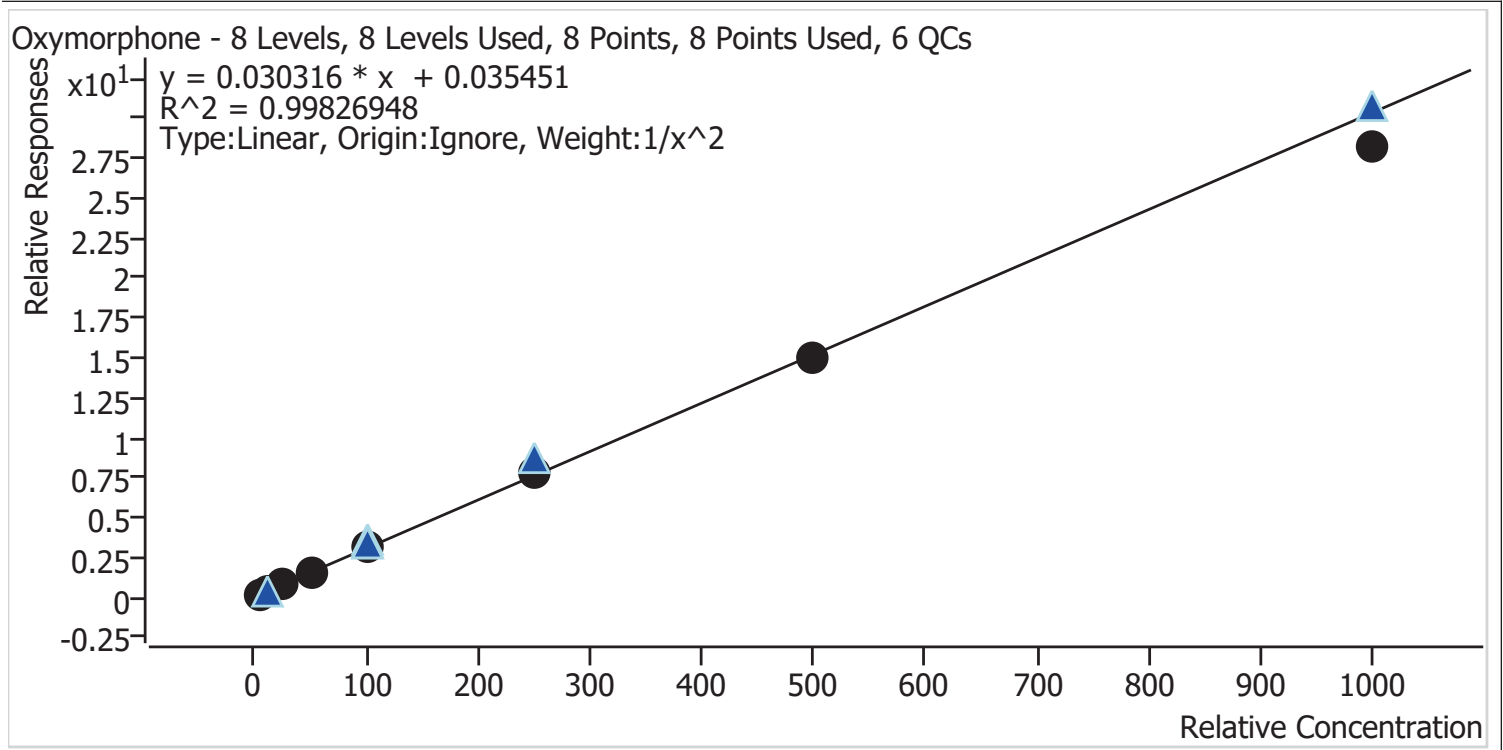


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
CS p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
CS p1 Cal 3-25ng	3	✓	25.0	25.2	100.8
CS p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
CS p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
CS p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
CS p1 Cal 7-500ng	7	✓	500.0	500.7	100.1
CS p1 Cal 8-1000ng	8	✓	1000.0	919.2	91.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
CS p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
CS p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
CS p1 Cal 4-50ng	4	✓	50.0	51.7	103.3
CS p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
CS p1 Cal 6-250ng	6	✓	250.0	260.1	104.0
CS p1 Cal 7-500ng	7	✓	500.0	497.6	99.5
CS p1 Cal 8-1000ng	8	✓	1000.0	928.0	92.8

g



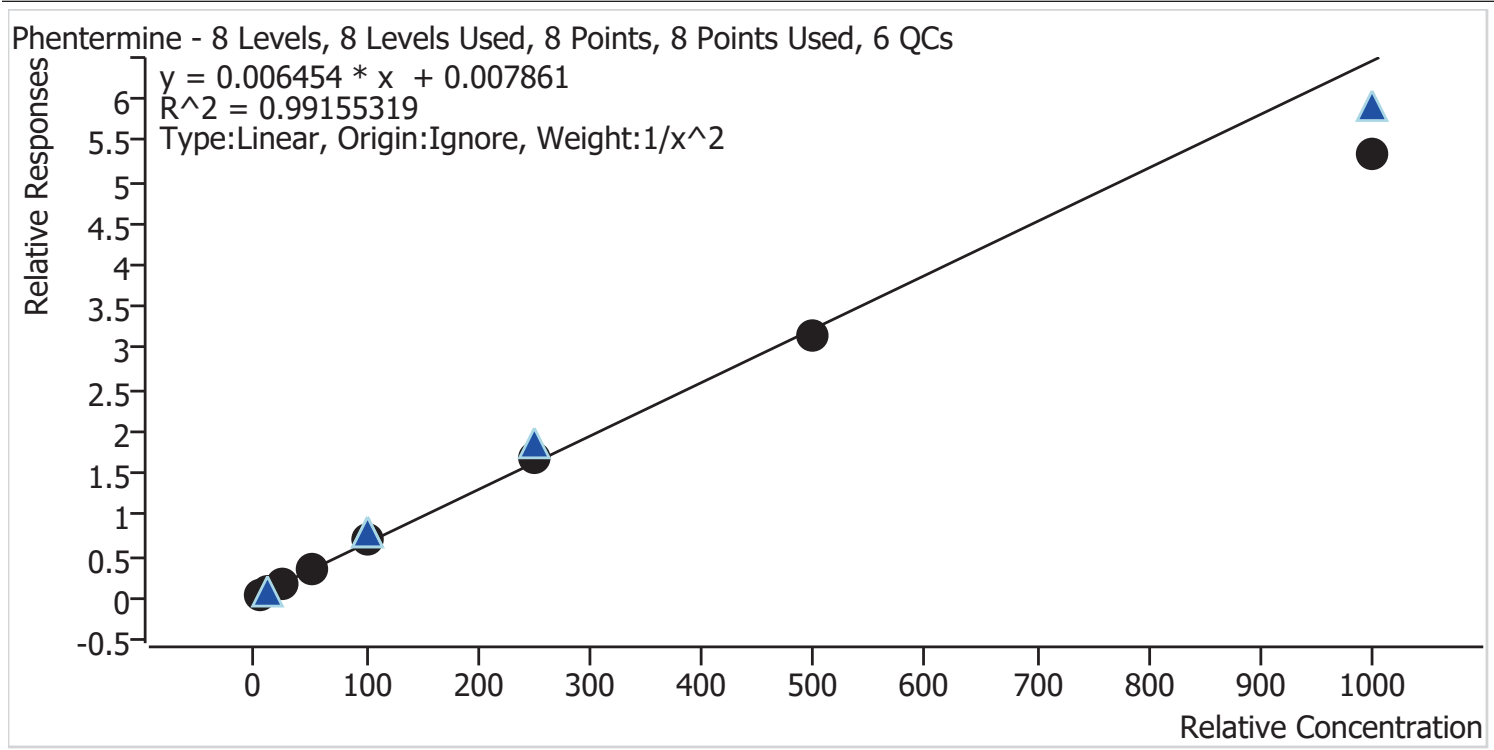
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
CS.batch.bin

Last Cal. Update 11/12/2021 11:42 AM

Analyst Name ISP\datastor

Analyte Phentermine **Internal Standard** Phentermine-D5

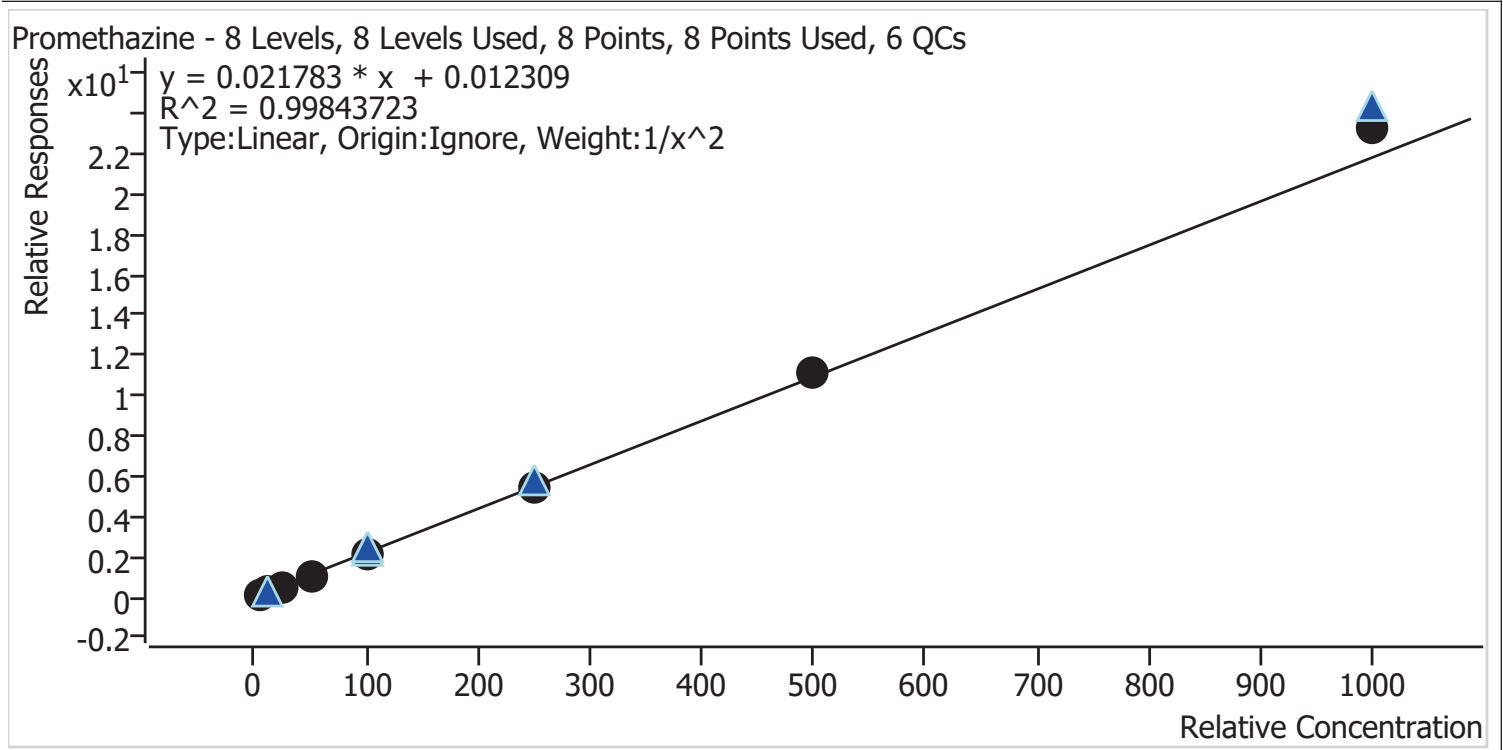


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
CS p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
CS p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
CS p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
CS p1 Cal 5-100ng	5	✓	100.0	107.2	107.2
CS p1 Cal 6-250ng	6	✓	250.0	258.3	103.3
CS p1 Cal 7-500ng	7	✓	500.0	484.8	97.0
CS p1 Cal 8-1000ng	8	✓	1000.0	826.8	82.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

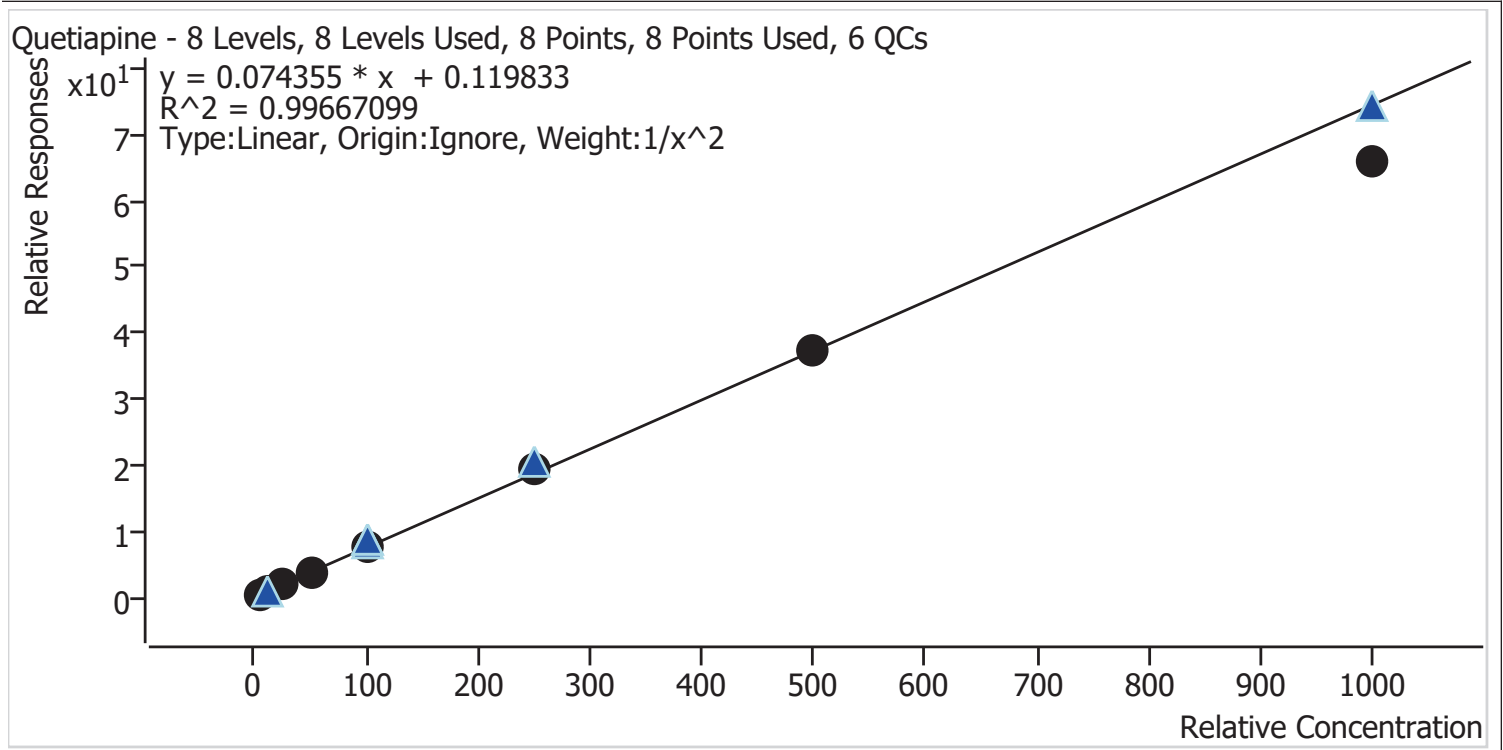


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
CS p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
CS p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
CS p1 Cal 4-50ng	4	✓	50.0	48.9	97.7
CS p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
CS p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
CS p1 Cal 7-500ng	7	✓	500.0	511.0	102.2
CS p1 Cal 8-1000ng	8	✓	1000.0	1070.7	107.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
CS p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
CS p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
CS p1 Cal 4-50ng	4	✓	50.0	51.2	102.3
CS p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
CS p1 Cal 6-250ng	6	✓	250.0	258.7	103.5
CS p1 Cal 7-500ng	7	✓	500.0	498.7	99.7
CS p1 Cal 8-1000ng	8	✓	1000.0	886.9	88.7

CS



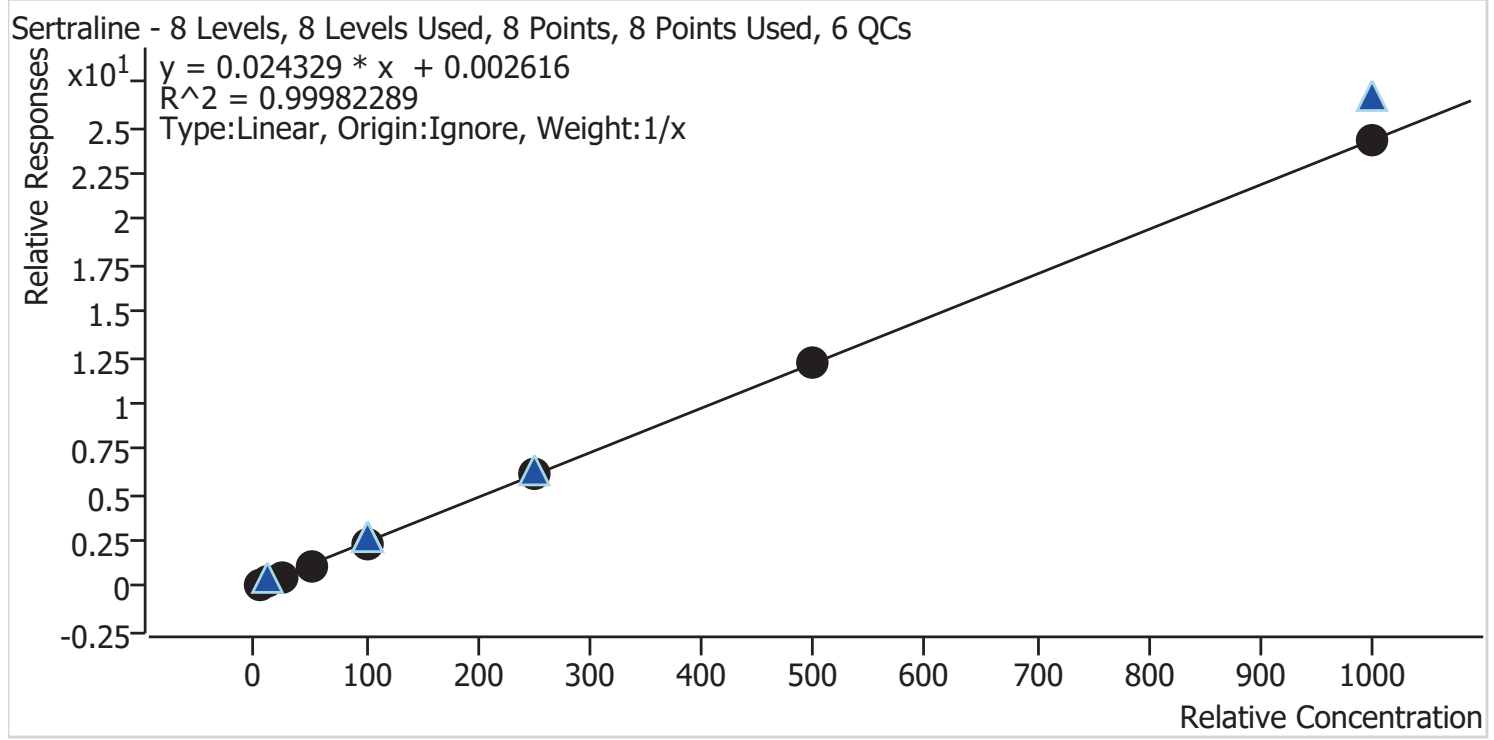
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
CS.batch.bin

Last Cal. Update 11/12/2021 11:42 AM

Analyst Name ISP\datastor

Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
CS p1 Cal 2-10ng	2	✓	10.0	10.6	106.0
CS p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
CS p1 Cal 4-50ng	4	✓	50.0	48.5	97.1
CS p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
CS p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
CS p1 Cal 7-500ng	7	✓	500.0	500.9	100.2
CS p1 Cal 8-1000ng	8	✓	1000.0	1001.6	100.2

g



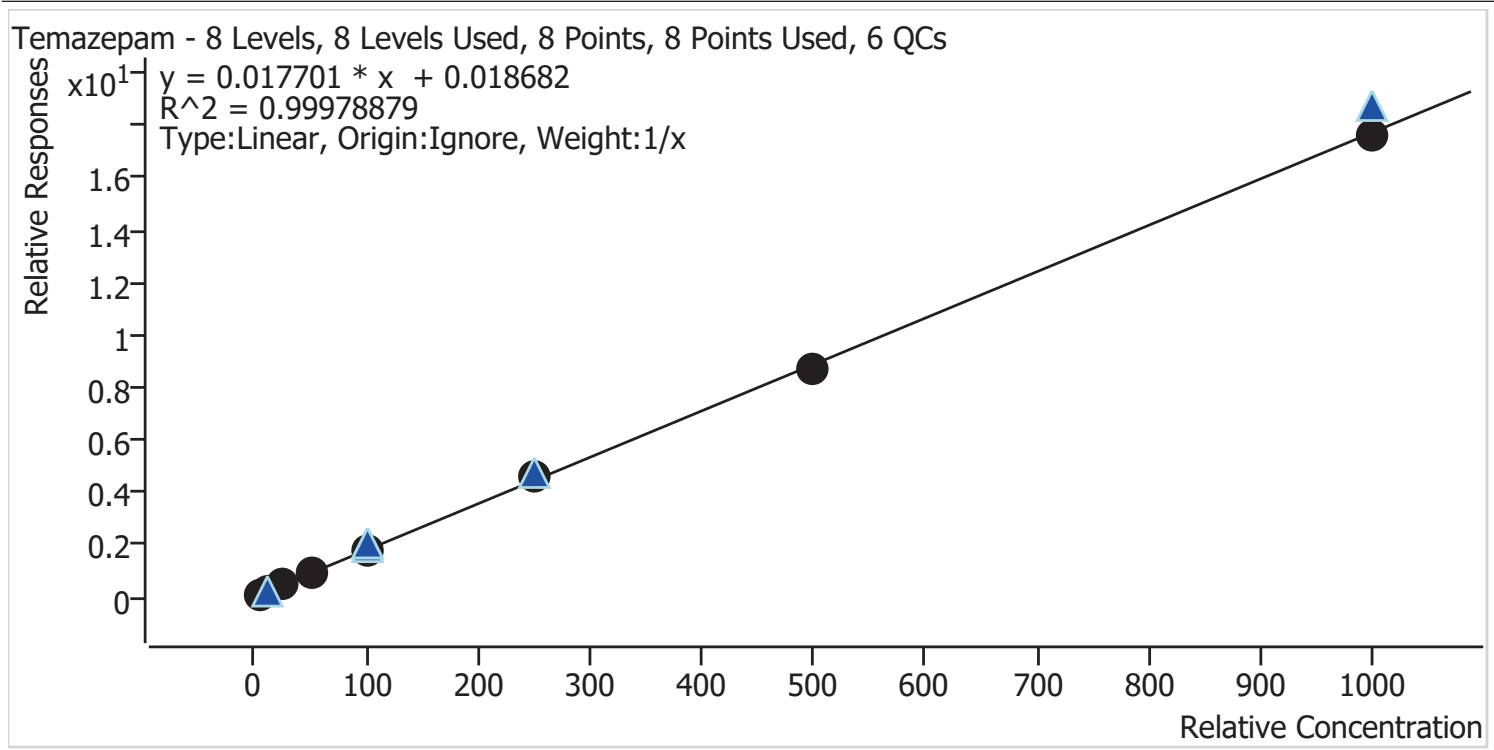
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
CS.batch.bin

Last Cal. Update 11/12/2021 11:42 AM

Analyst Name ISP\datastor

Analyte Temazepam **Internal Standard** Temazepam-D5

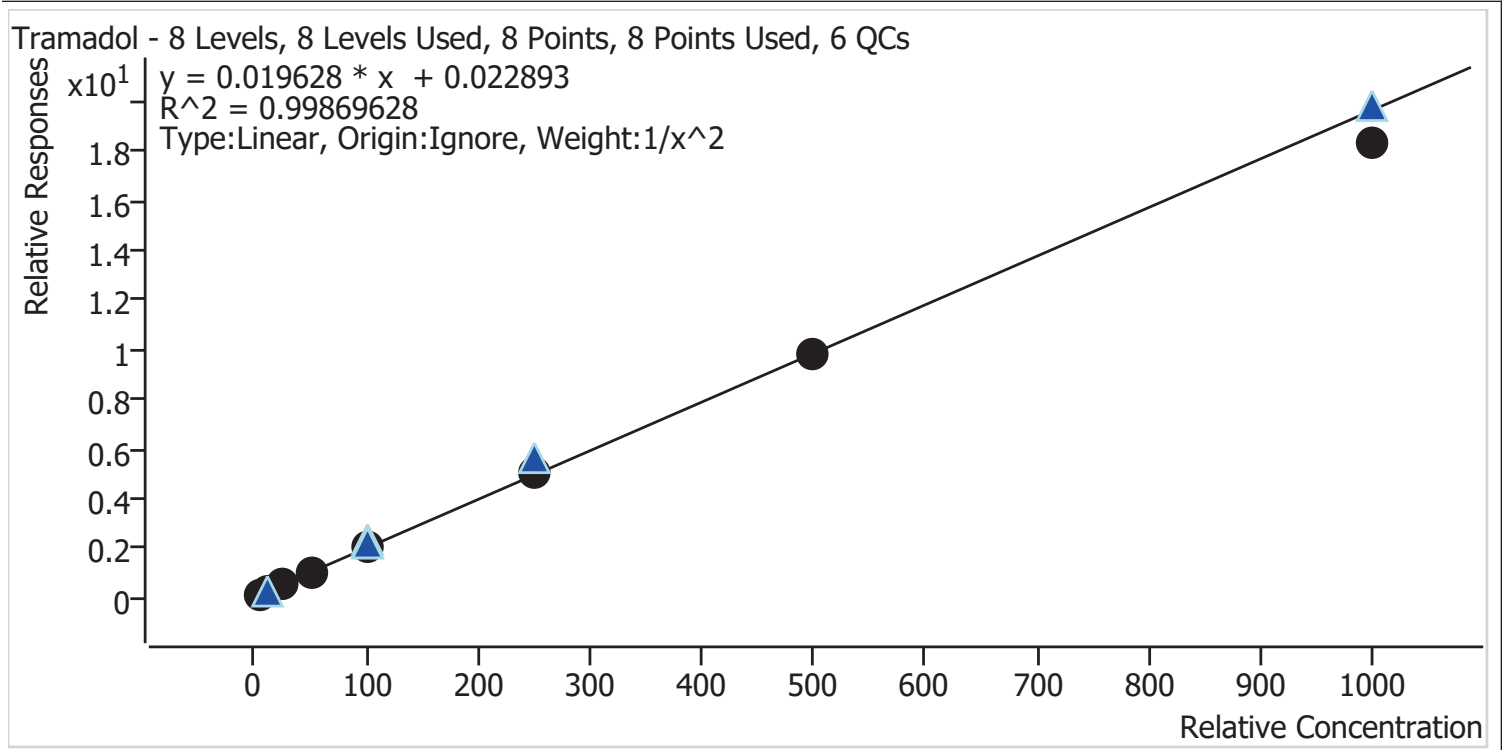


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
CS p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
CS p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
CS p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
CS p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
CS p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
CS p1 Cal 7-500ng	7	✓	500.0	493.9	98.8
CS p1 Cal 8-1000ng	8	✓	1000.0	996.4	99.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
CS p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
CS p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
CS p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
CS p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
CS p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
CS p1 Cal 7-500ng	7	✓	500.0	497.4	99.5
CS p1 Cal 8-1000ng	8	✓	1000.0	931.1	93.1

g



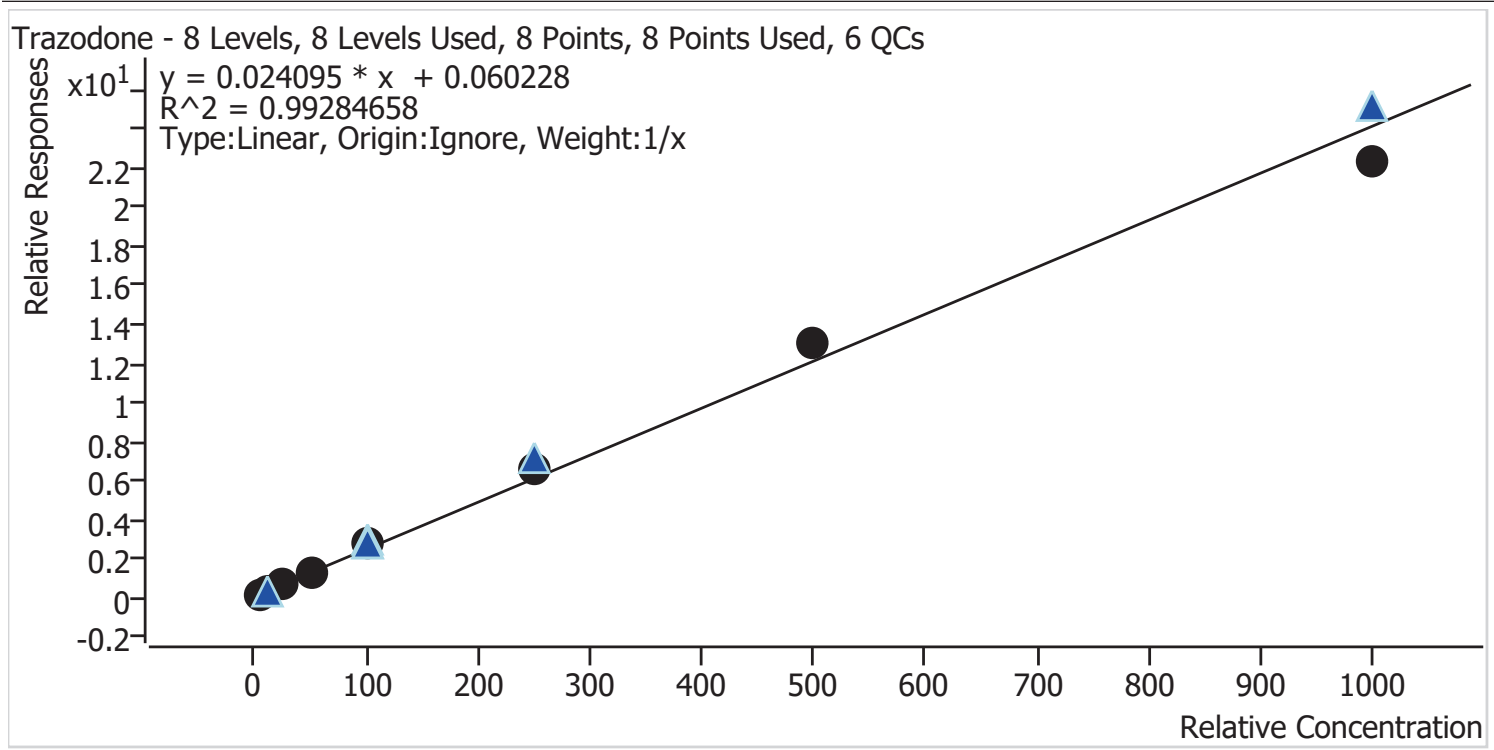
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
CS.batch.bin

Last Cal. Update 11/12/2021 11:42 AM

Analyst Name ISP\datastor

Analyte Trazodone **Internal Standard** Trazodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	3.9	78.7
CS p1 Cal 2-10ng	2	✓	10.0	9.3	92.7
CS p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
CS p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
CS p1 Cal 5-100ng	5	✓	100.0	110.3	110.3
CS p1 Cal 6-250ng	6	✓	250.0	270.5	108.2
CS p1 Cal 7-500ng	7	✓	500.0	542.7	108.5
CS p1 Cal 8-1000ng	8	✓	1000.0	924.0	92.4

CS



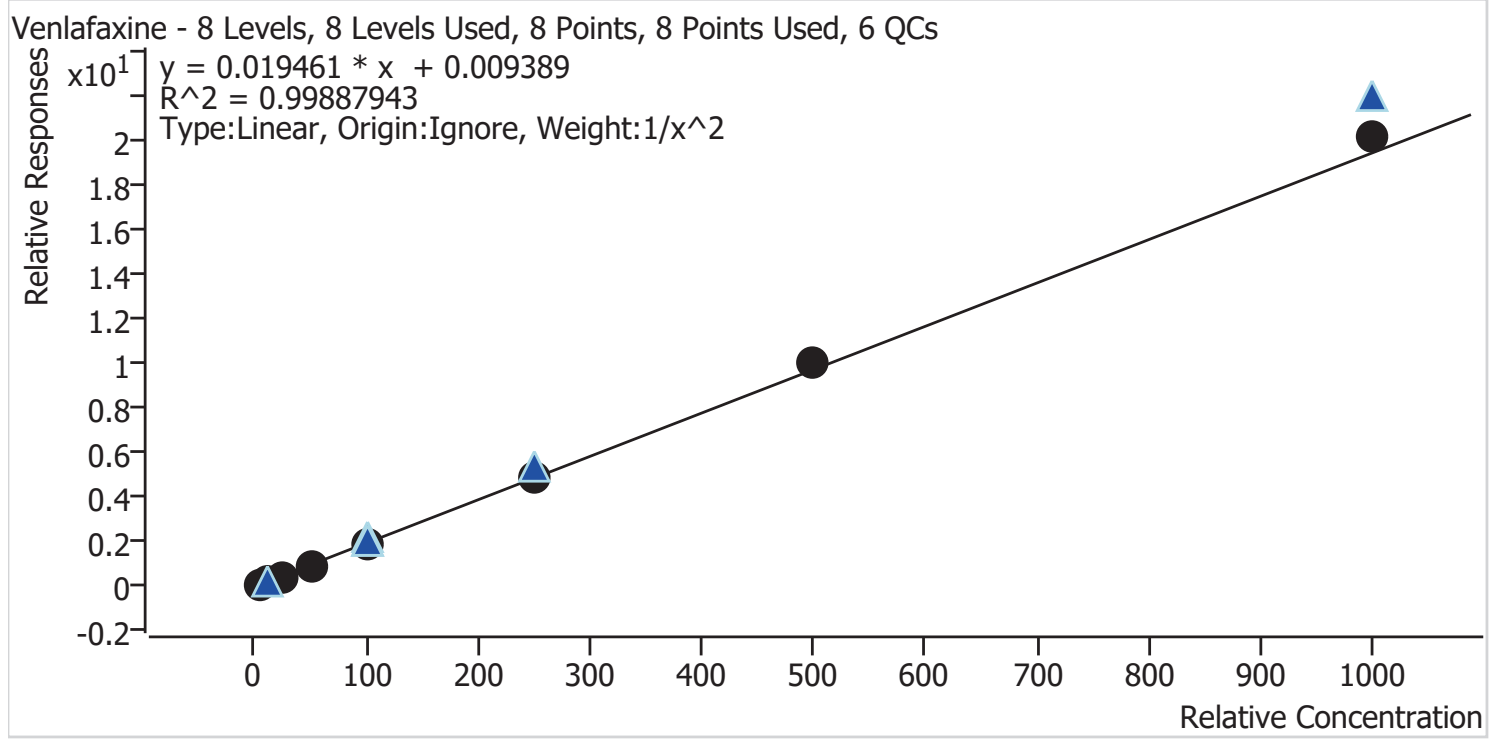
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
CS.batch.bin

Last Cal. Update 11/12/2021 11:42 AM

Analyst Name ISP\datastor

Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

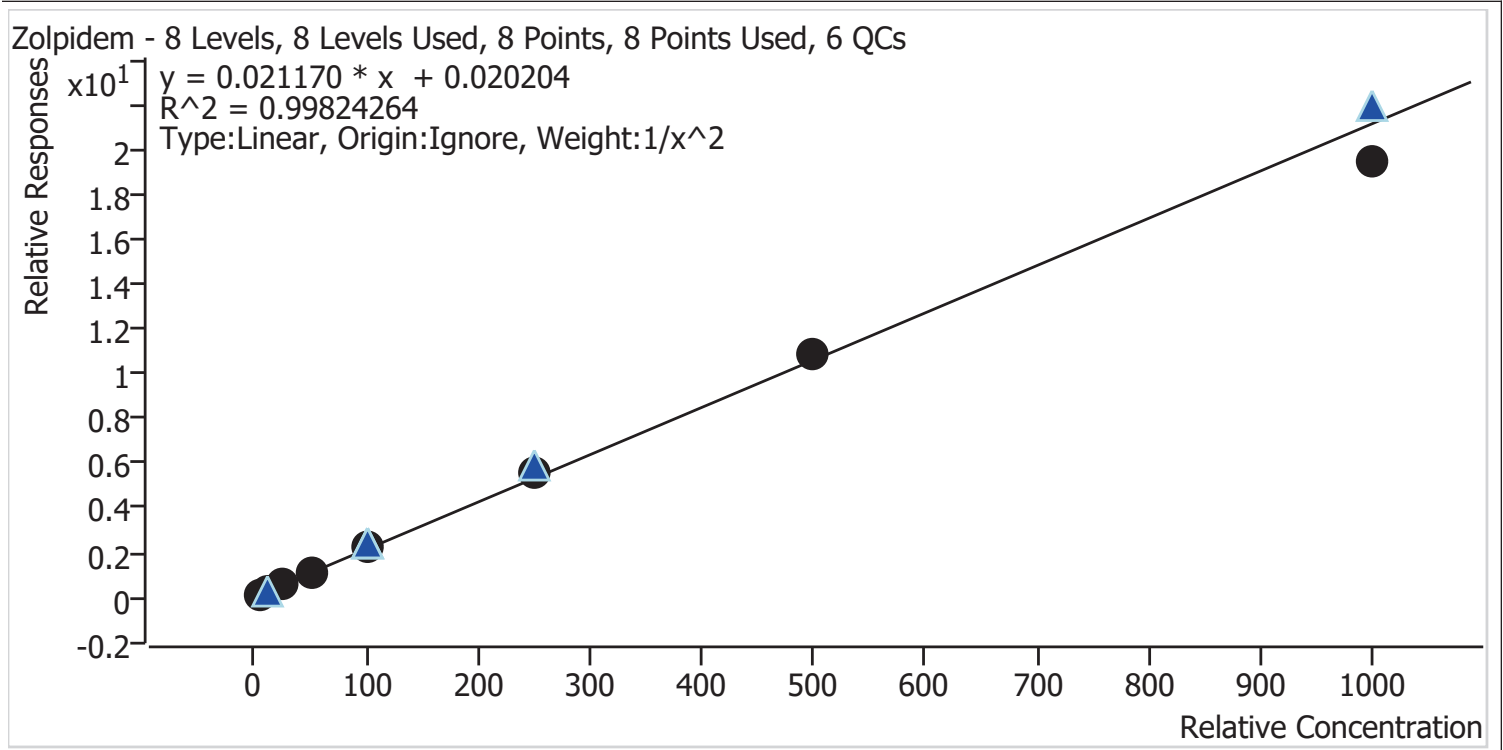


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
CS p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
CS p1 Cal 3 -25ng	3	✓	25.0	24.2	97.0
CS p1 Cal 4-50ng	4	✓	50.0	48.4	96.9
CS p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
CS p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
CS p1 Cal 7-500ng	7	✓	500.0	516.5	103.3
CS p1 Cal 8-1000ng	8	✓	1000.0	1042.0	104.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1
 CS.batch.bin
Last Cal. Update 11/12/2021 11:42 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
CS p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
CS p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
CS p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
CS p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
CS p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
CS p1 Cal 6-250ng	6	✓	250.0	259.1	103.6
CS p1 Cal 7-500ng	7	✓	500.0	510.3	102.1
CS p1 Cal 8-1000ng	8	✓	1000.0	918.9	91.9

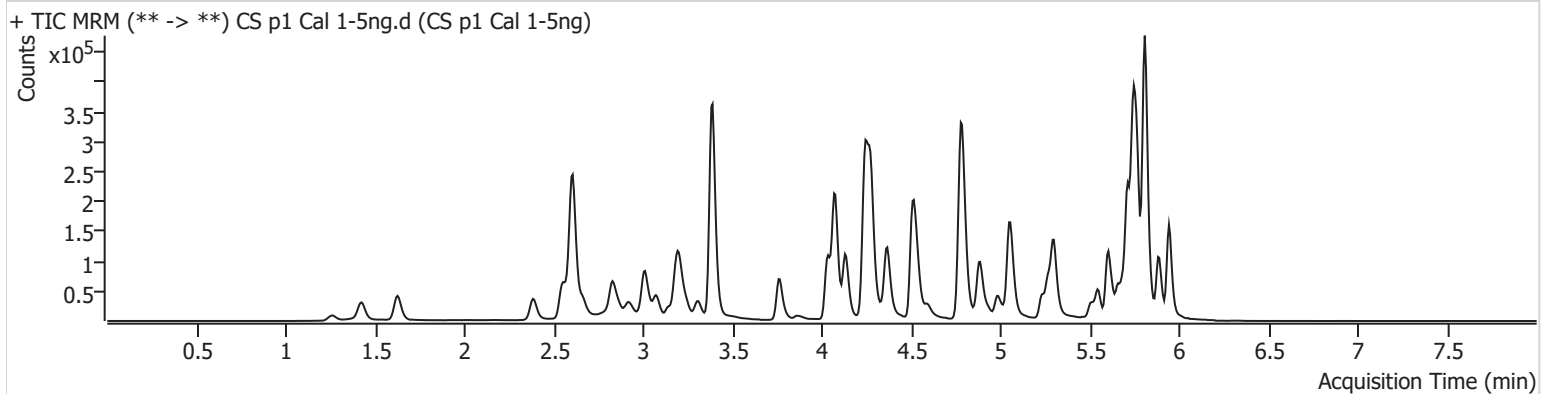
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument	Falco (069901)	Data File	CS p1 Cal 1-5ng.d
Type	Cal	Sample	CS p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-A1	Comment	
Injection Volume	2		
Acq. Date-Time	11/9/2021 5:29:05 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.158	795	22.61	69.3	1820.08	38923	0.5049 ng/ml
7-aminoclonazepam	4.251	14372	151.16	83.1	322.59	160778	4.7878 ng/ml
a-hydroxyalprazolam	5.692	12025	82.98	71.7	919.13	306888	4.6706 ng/ml
alpha-PHP	4.937	6563	399.95	268.2	389.47	244668	5.0430 ng/ml
alpha-PVP	4.376	31403	610.86	49.3	∞	244668	5.0312 ng/ml
Alprazolam	5.768	40287	192.79	121.0	551.31	306888	5.1715 ng/ml
Amphetamine	3.083	39170	658.54	44.2	367.44	64034	4.9198 ng/ml
Benzoylecgonine	3.892	2401	253.54	7.9	189.79	11666	6.2486 ng/ml
Buprenorphine	5.649	225	37.10	27.3 High	362.36	11647	0.3116 ng/ml
Bupropion	4.788	15947	3200.34	69.4	328.35	93344	4.7932 ng/ml
Carisoprodol	5.724	43364	159527.29	48.8	456.55	320684	5.4879 ng/ml
Citalopram	5.232	10960	1193.16	32.7	189.20	84354	5.0508 ng/ml
Clonazepam	5.605	57290	4525.95	33.6	373.81	127834	4.8262 ng/ml
Clonazepam	5.548	36657	56184.77	30.0	34463.87	127834	4.9440 ng/ml
Cocaine	4.277	31365	65913.35	51.5	37902.41	421822	4.9282 ng/ml
Codeine	2.600	4982	428.40	107.4	12511.05	44046	4.8791 ng/ml
Cyclobenzaprine	5.628	3337	2719.15	10.1	22.60	34303	6.3796 ng/ml
Dextromethorphan	5.275	4816	831.80	84.7	26437.86	40658	4.8976 ng/ml
Dextrophan	4.139	8483	15241.39	229.0	502.77	212442	5.0118 ng/ml
Diazepam	5.953	28893	184.02	90.2	394.88	256736	4.9599 ng/ml
Dihydrocodeine	2.586	13176	155.04	57.4	71.83	138537	4.8458 ng/ml
Diphenhydramine	5.303	26925	1208.39	27.0	1232.27	238390	5.0309 ng/ml
Doxylamine	4.529	66962	1327.17	103.9	18079.46	520512	5.0572 ng/ml
EDDP	5.275	10405	247.32	42.1	17.73	106613	4.9267 ng/ml
Etizolam	5.813	19791	33428.35	27.6	11412.16	127834	5.0871 ng/ml
Fentanyl	5.089	342	10.12	87.3	759.72	46142	0.5162 ng/ml
Flualprazolam	5.698	13406	1503.59	117.1	296.01	306888	4.9796 ng/ml
Fluoxetine	5.721	3688	47.32	6.1	405.45	21441	5.1984 ng/ml
Hydrocodone	3.039	16812	66.50	28.7	75.36	174518	4.8332 ng/ml
Hydromorphone	1.635	17292	545.26	71.5	425.41	101273	4.9935 ng/ml
Ketamine	4.051	34870	250537.57	37.1	253.12	241159	4.8843 ng/ml
Lamotrigine	4.287	3426	118.13	85.0	2066.82	241159	4.7843 ng/ml
Levetiracetam	2.670	24698	1383.40	141.2	224.94	590096	5.3099 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	51050	2507.91	48.9	98.04	127834	4.6765 ng/ml
MDA	3.223	29171	271.53	30.4	9.38 Low	148216	4.7335 ng/ml
MDMA	3.316	19157	842.39	90.4	182.01	41101	5.0060 ng/ml
Meprobamate	4.911	22245	70207.30	24.8	67.57	220275	4.7417 ng/ml
Methadone	5.659	10981	232.90	51.6	58.52	82665	5.0719 ng/ml
Metoprolol	4.340	6544	262.90	85.4	358.58	518214	4.8022 ng/ml
Mirtazapine	4.597	24916	402.21	43.7	411.67	244668	5.1504 ng/ml
Mitragynine	5.210	2157	18.77	27.2	2337.62	82665	4.9695 ng/ml
Morphine	1.274	2830	∞	19.5	41.13	7791	4.9727 ng/ml
Nordiazepam	5.893	27243	3653.97	58.9	322.65	160268	4.8694 ng/ml
Norfentanyl	4.099	6090	100.36	35.2	514.34	475956	0.5872 ng/ml
Norhydrocodone	3.093	1497	25.49	45.4	31.98	35537	5.2493 ng/ml
Noroxycodone	2.943	14525	411.48	47.7	210.08	72872	4.9230 ng/ml
O-desmethyl-tramadol	3.389	82128	3894.42	6.5	256.92	821363	5.0422 ng/ml
Oxazepam	5.749	56817	134.63	77.6	62.53	471340	4.8844 ng/ml
Oxycodone	2.861	32708	304.34	29.6	284.17	197048	4.9128 ng/ml
Oxymorphone	1.432	15211	146.77	46.0	122.09	81429	4.9924 ng/ml
Phentermine	3.797	7131	1175.53	7.9	26.04	180645	4.8980 ng/ml
Promethazine	5.545	6012	276.27	32.0	97.41	48870	5.0822 ng/ml
Pseudoephedrine	2.616	65606	1516.34	16.2	441.98	590096	5.1547 ng/ml
Quetiapine	5.514	20093	8881.67	52.3	14176.64	41296	4.9322 ng/ml
Sertraline	5.782	1223	18.15	108.1	33.32	9457	5.2071 ng/ml
Temazepam	5.816	86952	2203.19	30.4	52.37	835399	4.8246 ng/ml
Tramadol	4.259	62197	1568.37	3.5	43.12	518214	4.9485 ng/ml
Trazodone	5.020	14952	116.24	75.1	18359.80	96467	3.9331 ng/ml
Venlafaxine	5.050	35723	4911.60	38.7	92.20	333911	5.0150 ng/ml
Zolpidem	4.799	91852	991.24	32.1	533.18	729059	4.9969 ng/ml

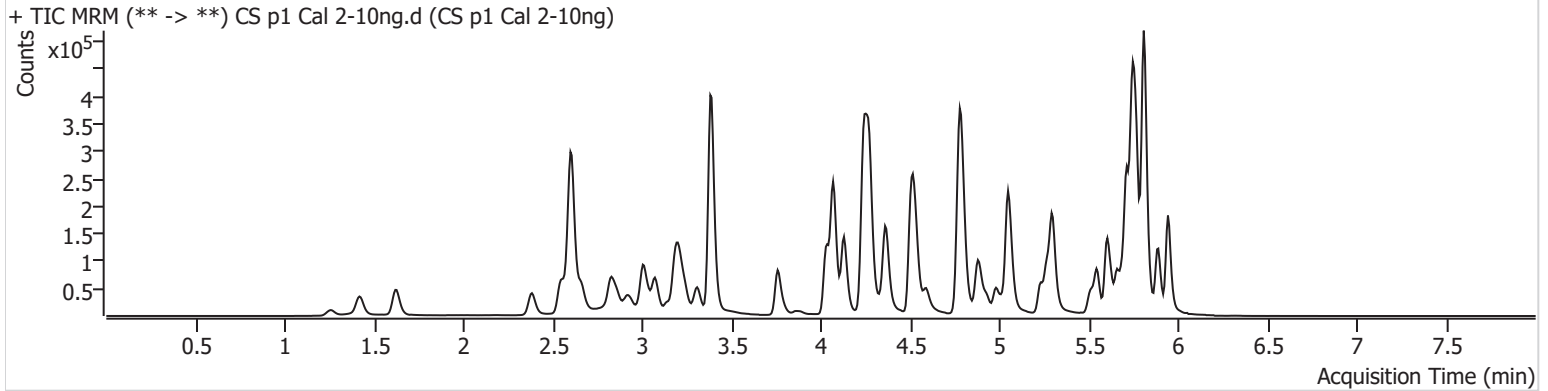
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument	Falco (069901)	Data File	CS p1 Cal 2-10ng.d
Type	Cal	Sample	CS p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-B1	Comment	
Injection Volume	2		
Acq. Date-Time	11/9/2021 5:39:59 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	1488	1706.71	68.4	1239.95	38701	0.9779 ng/ml
7-aminoclonazepam	4.251	27964	52602.25	83.4	370.30	166561	10.4088 ng/ml
a-hydroxyalprazolam	5.692	22355	231.10	71.8	∞	289129	11.0243 ng/ml
alpha-PHP	4.930	15026	344.37	269.0	6367.72	290314	9.9086 ng/ml
alpha-PVP	4.370	69879	3554.60	48.5	267.90	290314	9.9603 ng/ml
Alprazolam	5.768	73406	474.43	119.2	1049.95	289129	9.7844 ng/ml
Amphetamine	3.076	83842	258.52	44.7	111.16	78208	10.0207 ng/ml
Benzoylecgonine	3.886	4235	215.05	8.8	43.81	10398	10.9076 ng/ml
Buprenorphine	5.649	525	37.38	10.2 Low	147.22	15953	0.8562 ng/ml
Bupropion	4.781	39515	1913.64	65.7	690.97	121271	10.3596 ng/ml
Carisoprodol	5.724	79783	379.40	50.8	612.22	306960	10.5168 ng/ml
Citalopram	5.232	24370	395.54	35.0	12853.16	101692	9.9436 ng/ml
Clonazepam	5.605	102442	4247.16	34.1	1088.73	122691	10.3256 ng/ml
Clonazepam	5.548	64672	149526.41	30.7	54228.17	122691	10.1464 ng/ml
Cocaine	4.271	62847	430.34	52.8	109.38	448215	10.2233 ng/ml
Codeine	2.600	9201	969.96	106.6	46.33	45081	10.2714 ng/ml
Cyclobenzaprine	5.628	8524	11527.66	10.9	7.34 Low	44767	10.7472 ng/ml
Dextromethorphan	5.282	11294	2085.44	83.0	10403.29	50188	10.3997 ng/ml
Dextrophan	4.132	18929	2723.72	216.9	755.47	248035	10.0776 ng/ml
Diazepam	5.953	53794	1806.05	88.9	341.34	255571	10.0457 ng/ml
Dihydrocodeine	2.579	25306	1484.77	51.2	237.51	141368	10.2838 ng/ml
Diphenhydramine	5.303	61966	3617.93	27.4	214.94	298679	10.0308 ng/ml
Doxylamine	4.529	143544	9576.58	104.6	29310.48	588357	9.9898 ng/ml
EDDP	5.268	22996	87.29	40.7	309.88	122346	10.2524 ng/ml
Etizolam	5.813	36535	11566.56	27.0	21401.68	122691	10.0167 ng/ml
Fentanyl	5.082	880	15.11	91.9	720.72	60558	0.9517 ng/ml
Flualprazolam	5.698	26080	9162.53	103.3	1522.32	289129	10.3292 ng/ml
Fluoxetine	5.721	10353	316.95	7.7	1752.25	35024	9.5435 ng/ml
Hydrocodone	3.039	33635	608.73	28.5	81.03	184294	10.3201 ng/ml
Hydromorphone	1.628	31248	2595.41	72.6	155.92	97910	10.0596 ng/ml
Ketamine	4.044	66933	19650.29	40.0	154.36	252002	10.1922 ng/ml
Lamotrigine	4.280	6385	1177.42	81.3	1260.83	252002	10.3355 ng/ml
Levetiracetam	2.663	42629	240.73	143.6	165.68	658745	9.6582 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	93428	9513.86	49.1	187.62	122691	11.0799 ng/ml
MDA	3.223	65973	837.59	28.9	58.44	174612	10.6177 ng/ml
MDMA	3.316	42125	72131.62	89.8	689.51	48971	9.9570 ng/ml
Meprobamate	4.904	39349	76158.93	26.4	1339.34	212021	10.4692 ng/ml
Methadone	5.659	25101	420.46	55.6	115.35	102791	10.0188 ng/ml
Methamphetamine	3.244	50287	151.06	40.4	628.06	205354	9.8230 ng/ml
Metoprolol	4.340	14921	6933.41	83.2	19538.73	584310	10.5705 ng/ml
Mirtazapine	4.590	57544	789.18	46.2	4290.18	290314	9.5777 ng/ml
Mitragynine	5.210	5094	34.48	33.1	3805.67	102791	9.9957 ng/ml
Morphine	1.267	4787	118.22	21.9	4443.80	7256	10.0345 ng/ml
Norbuprenorphine	5.006	77	89.68	120.9	996.40	2410	0.9652 ng/ml
Nordiazepam	5.893	51426	29928.17	58.0	443.53	156797	10.3846 ng/ml
Norfentanyl	4.093	11892	311.86	33.7	20.08	531841	1.0129 ng/ml
Norhydrocodone	3.086	2943	101.46	37.3	15.16	38815	9.2238 ng/ml
Noroxycodone	2.936	28573	12.40	48.5	315.57	77800	10.0893 ng/ml
O-desmethyl-tramadol	3.389	157763	7208.18	6.7	249.04	838479	10.0178 ng/ml
Oxazepam	5.749	102294	5653.76	77.3	332.09	459499	10.1735 ng/ml
Oxycodone	2.854	63849	1072.45	28.7	1649.22	205206	10.2084 ng/ml
Oxymorphone	1.425	27480	130.00	47.4	90.31	80992	10.0223 ng/ml
Phentermine	3.797	15315	379.94	7.7	56.83	211851	9.9828 ng/ml
Promethazine	5.545	15156	2315.25	30.3	21.93	66836	9.8449 ng/ml
Pseudoephedrine	2.616	134720	3597.72	16.2	8063.01	658745	9.7156 ng/ml
Quetiapine	5.514	43495	154.62	52.8	32623.92	50360	10.0040 ng/ml
Sertraline	5.789	4375	49.42	101.7	65.11	16798	10.5986 ng/ml
Temazepam	5.816	158316	1671.34	29.6	272.36	806789	10.0302 ng/ml
Tramadol	4.259	129415	1121.80	3.4	76.93	584310	10.1178 ng/ml
Trazodone	5.020	32610	518.63	78.4	21127.15	115006	9.2682 ng/ml
Venlafaxine	5.050	81681	1066.84	39.8	91.49	394998	10.1435 ng/ml
Zolpidem	4.799	169797	1685.19	32.2	996.90	732969	9.9884 ng/ml

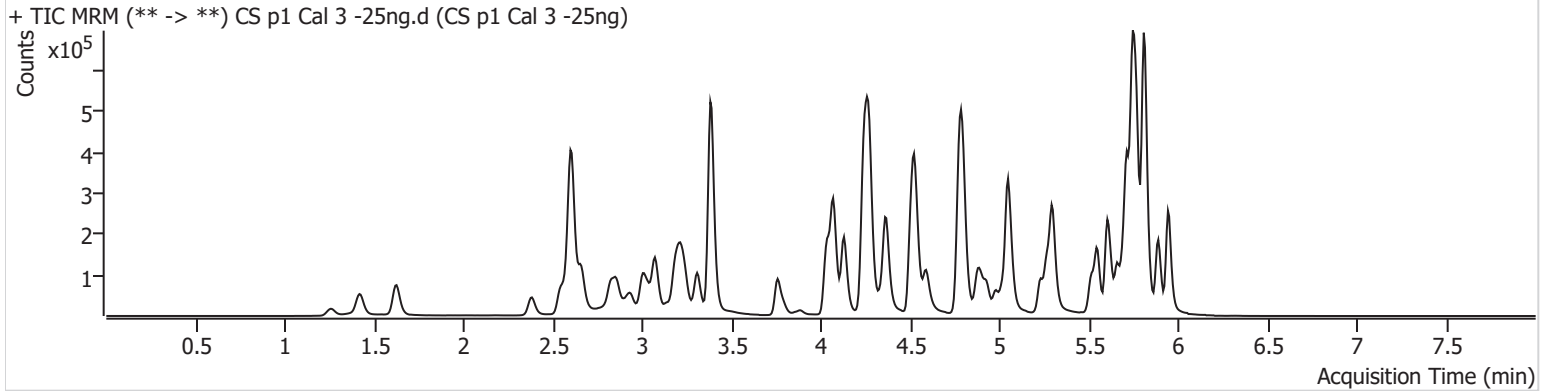
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument	Falco (069901)	Data File	CS p1 Cal 3 -25ng.d
Type	Cal	Sample	CS p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-C1	Comment	
Injection Volume	2		
Acq. Date-Time	11/9/2021 5:50:35 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	4122	4263.39	71.8	4396.04	42463	2.5171 ng/ml
7-aminoclonazepam	4.251	69527	161798.63	80.5	996.88	174161	26.9723 ng/ml
a-hydroxyalprazolam	5.692	50207	414.66	78.8	506.96	297730	26.2380 ng/ml
alpha-PHP	4.930	38918	10965.64	268.9	1364.82	312087	24.1431 ng/ml
alpha-PVP	4.370	178958	38898.61	49.1	2913.11	312087	24.5576 ng/ml
Alprazolam	5.768	175542	716.19	124.1	2847.88	297730	22.4148 ng/ml
Amphetamine	3.076	213406	1559.75	43.8	1532.16	83969	26.3040 ng/ml
Benzoylcegonine	3.886	10351	1909.01	7.3	171.83	11306	22.6614 ng/ml
Buprenorphine	5.649	1317	41.31	18.1	368.92	18405	2.4067 ng/ml
Bupropion	4.781	98489	268.31	65.9	1401.88	125131	26.9238 ng/ml
Carisoprodol	5.724	188040	13999.90	49.8	695.67	313538	24.2222 ng/ml
Citalopram	5.232	63178	1304.71	36.4	545.77	112971	24.1964 ng/ml
Clonazepam	5.605	242426	753.89	34.8	5710.47	125037	26.0199 ng/ml
Clonazepam	5.548	152431	168330.43	31.8	81810.31	125037	25.1236 ng/ml
Cocaine	4.271	160621	1553.52	52.1	102948.44	490805	25.2616 ng/ml
Codeine	2.600	21872	17718.20	118.7	76005.60	47588	25.4107 ng/ml
Cyclobenzaprine	5.628	24107	31646.61	9.1	34.60	54980	22.3792 ng/ml
Dextromethorphan	5.275	30181	51.03	80.4	80096.76	60021	24.7400 ng/ml
Dextrophan	4.132	48131	230.77	220.1	259.04	267713	24.4839 ng/ml
Diazepam	5.953	133184	481.84	87.0	605.02	264611	25.2509 ng/ml
Dihydrocodeine	2.579	64590	6319.03	56.8	1934.81	150666	26.4675 ng/ml
Diphenhydramine	5.303	161838	34893.60	28.0	3074.69	338490	24.3473 ng/ml
Doxylamine	4.529	354956	2149.87	103.5	27613.61	617751	24.1302 ng/ml
EDDP	5.268	61055	179.57	41.7	1318.60	138332	25.1877 ng/ml
Etizolam	5.813	85648	3577.29	27.8	1637.20	125037	23.3675 ng/ml
Fentanyl	5.082	2916	250.31	71.1	6838.99	72105	2.5339 ng/ml
Flualprazolam	5.698	61624	7808.98	105.1	4464.25	297730	23.7582 ng/ml
Fluoxetine	5.721	26833	198.52	7.7	3972.79	40419	22.4910 ng/ml
Hydrocodone	3.039	84784	76.56	29.2	66.43	195608	26.2977 ng/ml
Hydromorphone	1.628	77967	394422.74	72.8	297734.21	103009	25.0035 ng/ml
Ketamine	4.044	171749	7728.64	38.7	2192.77	273131	26.1240 ng/ml
Lamotrigine	4.280	16097	476.50	82.4	324.95	273131	27.0971 ng/ml
Levetiracetam	2.663	101816	1608.29	142.7	2847.70	693390	25.2804 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	207184	2097.08	49.6	332.85	125037	26.9141 ng/ml
MDA	3.223	164182	2368.68	30.0	74.63	189954	26.4327 ng/ml
MDMA	3.310	109276	1612.42	90.1	1871.17	53333	24.8916 ng/ml
Meprobamate	4.904	93656	77817.70	24.4	185.11	214222	27.5027 ng/ml
Methadone	5.659	66074	1189.53	57.5	315.32	120791	23.4704 ng/ml
Methamphetamine	3.244	116910	1581.81	41.2	1043.83	226682	25.0401 ng/ml
Metoprolol	4.340	37173	221.75	83.4	947.23	632558	25.4192 ng/ml
Mirtazapine	4.590	151825	2408.49	45.7	431.32	312087	22.8201 ng/ml
Mitragynine	5.210	14601	543.34	32.0	39.37	120791	25.2697 ng/ml
Morphine	1.267	12266	530.68	21.9	431.77	7933	25.1643 ng/ml
Norbuprenorphine	4.999	175	559.39	87.7	243.45	2686	2.7616 ng/ml
Nordiazepam	5.893	122713	1741.67	59.5	1403.84	162633	25.2748 ng/ml
Norfentanyl	4.093	31262	143.84	31.7	94.63	583564	2.4021 ng/ml
Norhydrocodone	3.086	8019	122.32	37.7	82.60	39761	24.0697 ng/ml
Noroxycodone	2.936	71570	759.85	47.5	415.62	81656	25.7537 ng/ml
O-desmethyl-tramadol	3.389	387381	648.54	6.7	457.49	884031	24.1294 ng/ml
Oxazepam	5.749	238644	3172.16	77.6	1588.73	457833	25.6465 ng/ml
Oxycodone	2.854	159665	1336.88	29.8	1022.72	221140	25.1971 ng/ml
Oxymorphone	1.425	66608	159.73	47.6	912.67	85851	24.4229 ng/ml
Phentermine	3.797	40347	1507.86	7.1	35.68	225360	26.5213 ng/ml
Promethazine	5.545	42682	1164.30	30.9	107.03	78679	24.3389 ng/ml
Pseudoephedrine	2.610	338875	317.15	16.8	5525.92	693390	23.6043 ng/ml
Quetiapine	5.514	115729	50209.63	53.3	633.82	55901	26.2314 ng/ml
Sertraline	5.782	10939	340.72	102.4	20851.83	18903	23.6773 ng/ml
Temazepam	5.816	375519	9830.40	29.3	868.38	826500	24.6120 ng/ml
Tramadol	4.259	328291	424.90	3.8	417.09	632558	25.2752 ng/ml
Trazodone	5.020	91085	187760.02	75.7	75382.23	135549	25.3886 ng/ml
Venlafaxine	5.050	211745	1303.30	39.0	273.41	440035	24.2443 ng/ml
Zolpidem	4.799	425545	5468.45	31.2	1493.33	777303	24.9062 ng/ml

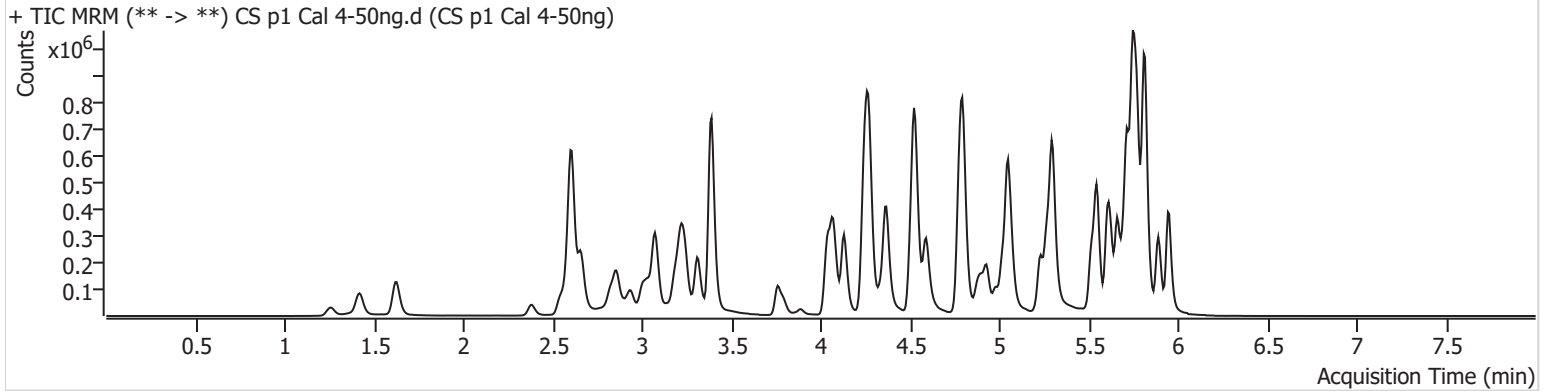
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument	Falco (069901)	Data File	CS p1 Cal 4-50ng.d
Type	Cal	Sample	CS p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	11/9/2021 6:01:11 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	8692	3188.89	74.2	374.50	45412	4.9939 ng/ml
7-aminoclonazepam	4.251	142342	441.37	81.8	6122.76	186936	52.9098 ng/ml
a-hydroxyalprazolam	5.692	96500	437.23	73.5	469.35	285202	54.5149 ng/ml
alpha-PHP	4.930	99129	10447.15	269.9	1151.08	366021	52.6581 ng/ml
alpha-PVP	4.370	424162	17900.95	48.8	5004.37	366021	50.2413 ng/ml
Alprazolam	5.768	363064	∞	119.9	712.09	285202	48.1261 ng/ml
Amphetamine	3.076	525368	8356.24	45.3	769.18	107562	52.2654 ng/ml
Benzoylcegonine	3.886	21818	3394.95	7.0	13766.68	11315	46.0791 ng/ml
Buprenorphine	5.656	4788	127.95	16.5	45.31	32938	5.3656 ng/ml
Bupropion	4.781	256473	313.43	66.9	6933.01	167464	53.6578 ng/ml
Carisoprodol	5.724	349612	289010.01	49.9	3018.81	296028	47.6655 ng/ml
Citalopram	5.232	217697	34410.30	37.1	1317.80	193752	49.3637 ng/ml
Clonazepam	5.605	487349	15925.31	34.0	11096.32	125352	53.7304 ng/ml
Clonazepam	5.548	301922	7298.89	32.3	132620.34	125352	50.8697 ng/ml
Cocaine	4.271	354779	954.81	52.0	251650.60	549747	50.8361 ng/ml
Codeine	2.593	46780	496.26	111.0	428.79	51003	52.5239 ng/ml
Cyclobenzaprine	5.628	152161	206.55	8.6	31.74	159624	46.5194 ng/ml
Dextromethorphan	5.275	124801	149188.80	79.9	12038.61	121587	51.7689 ng/ml
Dextrophan	4.132	114452	10409.33	218.2	451.12	319055	49.3966 ng/ml
Diazepam	5.953	275367	662.23	87.5	3698.30	272714	51.5459 ng/ml
Dihydrocodeine	2.579	134069	20017.63	57.1	69911.71	160752	52.7379 ng/ml
Diphenhydramine	5.303	584958	20584.80	28.5	94.78	621173	48.8690 ng/ml
Doxylamine	4.529	845820	8392.99	102.5	1850.01	745706	48.0666 ng/ml
EDDP	5.268	177100	158.73	41.0	5609.29	201795	50.9002 ng/ml
Etizolam	5.813	172583	10594.09	29.0	114570.77	125352	47.2215 ng/ml
Fentanyl	5.082	13102	1449.46	80.4	26.23	175079	4.6351 ng/ml
Flualprazolam	5.698	119045	12617.07	109.8	3492.68	285202	47.9561 ng/ml
Fluoxetine	5.721	197359	4033.66	7.9	52.02	132660	51.4563 ng/ml
Hydrocodone	3.032	184263	185.82	29.9	204.44	214980	53.2748 ng/ml
Hydromorphone	1.628	168539	2111.56	74.4	152948.02	114642	49.3523 ng/ml
Ketamine	4.044	369891	451.05	39.5	864.95	303824	51.9435 ng/ml
Lamotrigine	4.280	34861	376.14	82.0	82228.43	303824	54.9370 ng/ml
Levetiracetam	2.663	209714	4424.33	144.7	1837.43	771359	49.0657 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	381204	2290.70	47.7	912.30	125352	51.3881 ng/ml
MDA	3.223	392217	6195.69	29.5	351.07	226639	54.5928 ng/ml
MDMA	3.310	255479	2754.95	91.1	1806.42	62128	50.8116 ng/ml
Meprobamate	4.904	177143	77700.60	26.0	161.20	213838	53.9870 ng/ml
Methadone	5.666	278120	15670.08	57.1	120.20	247807	49.0275 ng/ml
Methamphetamine	3.244	298613	1117.37	41.1	3012.91	293921	53.1421 ng/ml
Metoprolol	4.333	85483	2820.67	81.4	133.11	712236	52.7910 ng/ml
Mirtazapine	4.590	426459	805.83	46.8	1018.35	366021	53.9951 ng/ml
Mitragynine	5.210	61562	121826.63	33.7	2922.67	247807	52.5841 ng/ml
Morphine	1.261	26824	19761.92	20.2	1918.20	8760	51.0378 ng/ml
Norbuprenorphine	5.006	453	650.96	121.9	939.91	4545	4.6148 ng/ml
Nordiazepam	5.893	250545	617.49	60.1	687.25	165332	51.8346 ng/ml
Norfentanyl	4.093	71075	213.96	31.6	2615.10	667024	4.7604 ng/ml
Norhydrocodone	3.086	16567	116.29	37.6	68.22	41812	47.0183 ng/ml
Noroxycodone	2.936	152551	3135.40	49.1	2141.73	87607	52.3580 ng/ml
O-desmethyl-tramadol	3.389	845195	207478.34	6.6	40741.03	960201	49.0757 ng/ml
Oxazepam	5.749	459351	3455.78	75.4	202.54	433110	53.5920 ng/ml
Oxycodone	2.854	350251	1869.22	29.7	4127.38	238849	52.3537 ng/ml
Oxymorphone	1.418	138764	∞	45.9	302.15	86623	51.6716 ng/ml
Phentermine	3.797	98960	167.21	7.1	289.02	282808	52.9990 ng/ml
Promethazine	5.545	260917	21360.49	32.5	605.12	242296	48.8710 ng/ml
Pseudoephedrine	2.610	756430	14910.25	16.5	26471.58	771359	47.6433 ng/ml
Quetiapine	5.514	326691	220188.77	53.1	433641.00	83260	51.1590 ng/ml
Sertraline	5.782	79955	2973.91	102.2	11766.18	67550	48.5435 ng/ml
Temazepam	5.816	748540	1239.38	28.9	289.51	820768	50.4660 ng/ml
Tramadol	4.252	718135	1322.73	3.9	454.69	712236	50.2039 ng/ml
Trazodone	5.020	296998	25181.31	76.3	343287.79	218919	53.8043 ng/ml
Venlafaxine	5.050	495446	5734.53	39.3	636.80	520369	48.4420 ng/ml
Zolpidem	4.799	919744	1652.68	31.0	68683.19	853629	49.9414 ng/ml

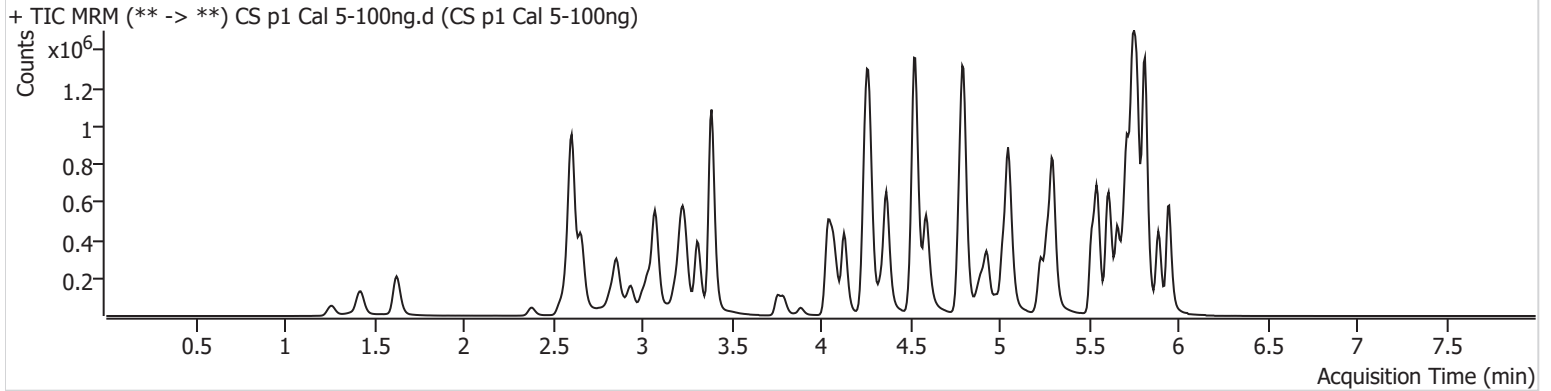


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument Falco (069901) Data File CS p1 Cal 5-100ng.d
Type Cal Sample CS p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-E1 Comment
Injection Volume 2
Acq. Date-Time 11/9/2021 6:11:47 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	17488	371.09	69.4	24131.72	45856	9.9813 ng/ml
7-aminoclonazepam	4.251	271874	448.58	79.3	22640.44	182730	104.9225 ng/ml
a-hydroxyalprazolam	5.692	160045	1486.35	75.7	323.33	268239	97.5485 ng/ml
alpha-PHP	4.937	177492	5775.00	269.2	11179.84	356826	96.8745 ng/ml
alpha-PVP	4.370	797142	24373.97	49.3	10345.87	356826	97.4096 ng/ml
Alprazolam	5.768	697693	∞	115.2	721.82	268239	98.0886 ng/ml
Amphetamine	3.076	984508	640.75	45.1	2101.86	104431	102.6074 ng/ml
Benzoylecgonine	3.886	44284	4704.31	8.0	943.50	11778	88.4382 ng/ml
Buprenorphine	5.649	6903	547.67	19.0	∞	27188	9.7173 ng/ml
Bupropion	4.788	462155	43231.71	66.6	844.15	159411	102.7724 ng/ml
Carisoprodol	5.724	612450	1341018.16	51.4	2729.58	264737	93.3373 ng/ml
Citalopram	5.232	370026	870.52	35.7	5540.39	162209	100.9874 ng/ml
Clonazepam	5.605	870731	137791.35	34.0	47030.51	113833	107.2079 ng/ml
Clonazepam	5.548	552192	1593296.41	32.6	344609.77	113833	103.7314 ng/ml
Cocaine	4.271	673728	150594.33	53.4	51760.16	538836	99.4774 ng/ml
Codeine	2.593	89550	8863.51	106.1	234084.77	48478	107.6306 ng/ml
Cyclobenzaprine	5.628	213098	199901.72	9.0	3358.09	112402	90.7225 ng/ml
Dextromethorphan	5.282	185092	57523.71	81.9	6486.41	95262	99.0819 ng/ml
Dextrophan	4.132	214527	1182.91	217.5	6049.63	304129	97.6613 ng/ml
Diazepam	5.953	510112	6818.38	87.6	6068.26	258805	101.4606 ng/ml
Dihydrocodeine	2.579	258363	65533.97	59.0	440.55	162410	101.7898 ng/ml
Diphenhydramine	5.303	922803	599.03	28.8	2784.27	491468	98.3773 ng/ml
Doxylamine	4.529	1668403	51791.47	104.4	2810.88	722467	98.3233 ng/ml
EDDP	5.268	305643	6231.16	42.5	510.18	181614	98.3642 ng/ml
Etizolam	5.813	330202	3536.72	28.1	4472.91	113833	99.7691 ng/ml
Fentanyl	5.082	20492	301.97	80.4	20435.32	135728	9.2867 ng/ml
Flualprazolam	5.698	234820	7748.76	101.6	1182.17	268239	100.6246 ng/ml
Fluoxetine	5.721	238238	7120.86	7.8	23688.05	82993	100.0757 ng/ml
Hydrocodone	3.032	345609	2460.64	31.0	579.71	213689	101.6809 ng/ml
Hydromorphone	1.628	319680	110716.61	73.6	3474.83	110101	98.2851 ng/ml
Ketamine	4.044	723708	829.85	39.6	26359.81	306969	101.9540 ng/ml
Lamotrigine	4.287	65805	776.34	82.8	1071.32	306969	104.6385 ng/ml
Levetiracetam	2.663	398431	530.91	143.4	1744.00	757184	97.4447 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	564094	119116.99	48.8	1099.74	113833	85.2384 ng/ml
MDA	3.223	704058	615.41	29.0	334.17	212490	106.0456 ng/ml
MDMA	3.310	485299	46443.26	91.9	7529.60	60453	100.0032 ng/ml
Meprobamate	4.904	319399	18992.43	25.6	2467.25	199250	106.4276 ng/ml
Methadone	5.666	422639	21760.21	57.1	376.23	192643	96.6293 ng/ml
Methamphetamine	3.244	555690	5162.14	41.2	1596.40	286115	105.1772 ng/ml
Metoprolol	4.340	160991	4200.15	86.0	1848.55	673894	105.9110 ng/ml
Mirtazapine	4.590	793768	2441.75	46.1	3357.97	356826	102.6615 ng/ml
Mitragynine	5.210	91764	181691.85	34.7	812.16	192643	101.3920 ng/ml
Morphine	1.267	51520	396.26	20.0	1187.36	8664	100.2775 ng/ml
Norbuprenorphine	5.006	883	14.24	87.3	696.04	3954	11.2742 ng/ml
Nordiazepam	5.893	456163	525.73	59.6	862.53	153904	102.3987 ng/ml
Norfentanyl	4.099	138284	28759.39	32.1	316.55	665394	9.2677 ng/ml
Norhydrocodone	3.093	31866	156.37	34.7	26.55	37859	99.5694 ng/ml
Noroxycodone	2.936	283094	1148.27	49.5	2919.04	84943	101.3141 ng/ml
O-desmethyl-tramadol	3.389	1655853	47323.74	6.7	7550.82	949600	97.8088 ng/ml
Oxazepam	5.749	758632	11571.49	77.3	4429.79	365965	106.0474 ng/ml
Oxycodone	2.854	687183	2390.92	29.9	4642.66	242285	102.3274 ng/ml
Oxymorphone	1.425	260682	∞	47.9	∞	82905	102.5497 ng/ml
Phentermine	3.797	189731	1679.12	6.8	401.37	271164	107.1923 ng/ml
Promethazine	5.545	361956	12618.30	32.3	2121.90	169869	97.2557 ng/ml
Pseudoephedrine	2.610	1503677	15952.83	16.5	209.03	757184	96.7664 ng/ml
Quetiapine	5.514	604712	22802.53	54.7	19101.23	78360	102.1759 ng/ml
Sertraline	5.782	98233	502.96	97.5	981.97	41767	96.5645 ng/ml
Temazepam	5.816	1326713	3159.69	28.4	473.63	723604	102.5230 ng/ml
Tramadol	4.259	1384333	1831.24	3.9	3546.56	673894	103.4930 ng/ml
Trazodone	5.020	535015	64007.28	76.8	6261.28	196779	110.3385 ng/ml
Venlafaxine	5.050	964405	43788.97	39.0	487.64	508878	96.9013 ng/ml
Zolpidem	4.799	1842912	8015.41	30.0	66835.71	836702	103.0897 ng/ml

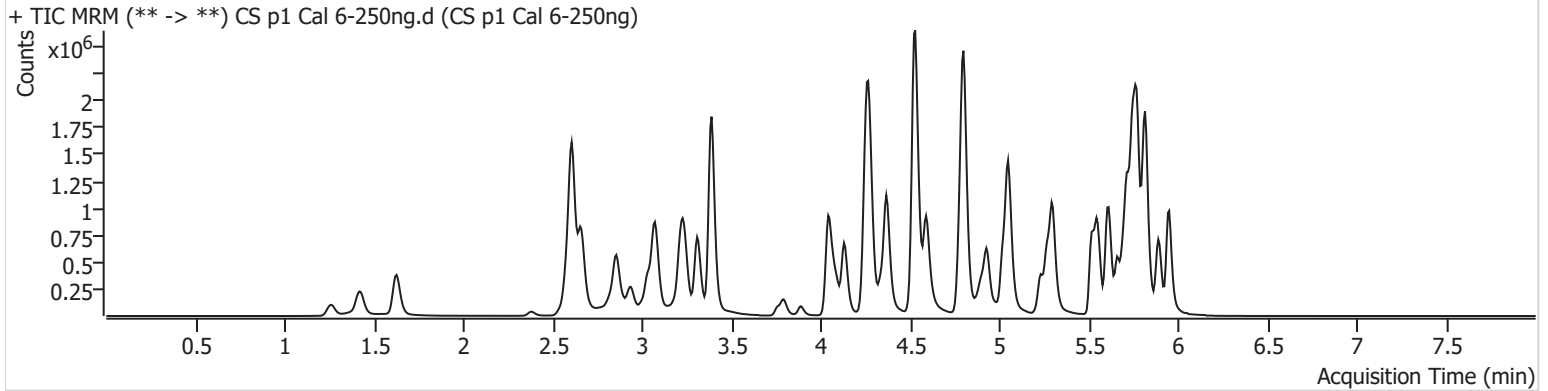
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument	Falco (069901)	Data File	CS p1 Cal 6-250ng.d
Type	Cal	Sample	CS p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-F1	Comment	
Injection Volume	2		
Acq. Date-Time	11/9/2021 6:22:24 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	38000	371.75	70.1	1488.17	39700	25.0988 ng/ml
7-aminoclonazepam	4.251	467126	28553.94	79.4	1038.42	135833	244.6320 ng/ml
a-hydroxyalprazolam	5.692	254398	606.24	77.6	524.25	198155	212.0381 ng/ml
alpha-PHP	4.937	328898	80852.08	269.4	2992.38	275935	232.4033 ng/ml
alpha-PVP	4.370	1553263	1570.66	49.9	2890.84	275935	246.3603 ng/ml
Alprazolam	5.768	1380515	∞	115.0	4675.52	198155	262.3413 ng/ml
Amphetamine	3.076	1630885	34379.33	43.3	360.14	72909	246.0153 ng/ml
Benzoylcegonine	3.886	99875	4384.31	8.0	5139.00	10263	226.5258 ng/ml
Buprenorphine	5.649	8852	825.51	17.1	6375.94	14175	24.5766 ng/ml
Bupropion	4.781	795626	73766.43	66.7	7207.88	111475	254.9715 ng/ml
Carisoprodol	5.724	1125287	37694.48	49.8	13819.45	186427	243.4747 ng/ml
Citalopram	5.232	539411	20145.33	35.9	585.58	98050	244.5965 ng/ml
Clonazepam	5.605	1615131	53013.61	33.9	18324.46	88953	256.6043 ng/ml
Clonazepam	5.548	1024237	1021871.00	33.8	550422.58	88953	247.9554 ng/ml
Cocaine	4.271	1368111	41018.46	52.6	1886.29	442447	247.5588 ng/ml
Codeine	2.593	171419	3551.66	106.2	739961.54	40635	248.1343 ng/ml
Cyclobenzaprine	5.628	162119	369.54	8.8	180.01	34419	222.7005 ng/ml
Dextromethorphan	5.275	233206	279.81	82.2	3807.17	48927	244.8333 ng/ml
Dextrophan	4.132	415064	1634305.26	216.4	1566.52	232205	248.3204 ng/ml
Diazepam	5.953	1001723	14062.83	87.7	10984.78	205311	252.4578 ng/ml
Dihydrocodeine	2.572	546525	860.73	59.1	822.78	143433	245.6479 ng/ml
Diphenhydramine	5.303	1368751	51468.70	28.9	10092.69	284973	253.1225 ng/ml
Doxylamine	4.529	3466423	49881.99	101.1	10068.43	592300	249.8630 ng/ml
EDDP	5.268	625208	2245.43	43.1	419.59	150290	244.3605 ng/ml
Etizolam	5.813	634960	9842.81	29.0	3161.50	88953	245.8760 ng/ml
Fentanyl	5.082	18407	1275.96	80.3	30979.92	48827	23.0927 ng/ml
Flualprazolam	5.698	450218	7362.47	97.6	20826.64	198155	261.2316 ng/ml
Fluoxetine	5.721	123011	284104.22	7.5	26488.38	17546	245.6429 ng/ml
Hydrocodone	3.032	726073	187.79	30.7	∞	178684	257.4317 ng/ml
Hydromorphone	1.628	657289	5761694.59	74.0	2974.93	88110	253.8300 ng/ml
Ketamine	4.044	1540335	210801.66	39.6	17050.73	264866	253.6306 ng/ml
Lamotrigine	4.287	128434	4254.19	84.3	3578.31	264866	239.5989 ng/ml
Levetiracetam	2.663	786666	790.02	145.7	8366.31	600600	246.5049 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	765499	19255.51	49.4	5248.22	88953	149.7812 ng/ml
MDA	3.223	1204204	2449.72	28.8	1059.31	154300	252.0359 ng/ml
MDMA	3.310	950761	71347.16	92.2	2139.78	46981	253.3937 ng/ml
Meprobamate	4.904	595617	37627.70	25.0	213.19	170459	234.4607 ng/ml
Methadone	5.659	558522	1075.25	53.7	676.62	99237	249.1859 ng/ml
Methamphetamine	3.244	852678	1701.36	40.9	5343.48	186307	253.1841 ng/ml
Metoprolol	4.340	315603	18466.37	85.2	38819.66	559522	251.2095 ng/ml
Mirtazapine	4.590	1381209	1280.45	45.6	21843.72	275935	230.4156 ng/ml
Mitragynine	5.210	107357	507973.97	32.7	5522.60	99237	231.0557 ng/ml
Morphine	1.261	107796	846.82	20.4	397.08	7188	254.7456 ng/ml
Norbuprenorphine	5.006	1056	659.35	98.4	1790.18	2355	23.4037 ng/ml
Nordiazepam	5.893	857380	5682.67	59.2	7952.14	117195	254.3110 ng/ml
Norfentanyl	4.099	298550	1159.30	32.4	4320.30	558424	23.8134 ng/ml
Norhydrocodone	3.086	67905	∞	35.7	108.11	28410	282.2300 ng/ml
Noroxycodone	2.936	535641	6199.83	48.6	841.61	65580	250.0516 ng/ml
O-desmethyl-tramadol	3.389	3555449	143537.34	6.8	369.91	797569	250.9830 ng/ml
Oxazepam	5.749	1102352	4514.90	77.0	10891.62	226030	251.3373 ng/ml
Oxycodone	2.854	1418437	19171.23	29.9	∞	206531	249.4067 ng/ml
Oxymorphone	1.418	529817	∞	45.6	∞	66900	260.0644 ng/ml
Phentermine	3.797	336270	3353.63	6.9	127.20	200798	258.2563 ng/ml
Promethazine	5.545	282987	1979.63	32.7	688.48	52752	245.7055 ng/ml
Pseudoephedrine	2.610	3039487	206789.75	16.2	317.62	600600	247.0274 ng/ml
Quetiapine	5.514	1074273	219040.65	55.9	77087.00	55509	258.6677 ng/ml
Sertraline	5.782	48704	457.64	101.8	514.41	7911	252.9445 ng/ml
Temazepam	5.816	2235171	378.05	28.6	665.16	488956	257.1910 ng/ml
Tramadol	4.259	2820477	∞	4.0	529.78	559522	255.6573 ng/ml
Trazodone	5.020	862996	13635.60	78.0	76368.39	131186	270.5184 ng/ml
Venlafaxine	5.050	1959799	6363.03	37.8	17537.64	402051	249.9967 ng/ml
Zolpidem	4.799	3987715	16811.75	29.5	8052.96	724458	259.0583 ng/ml

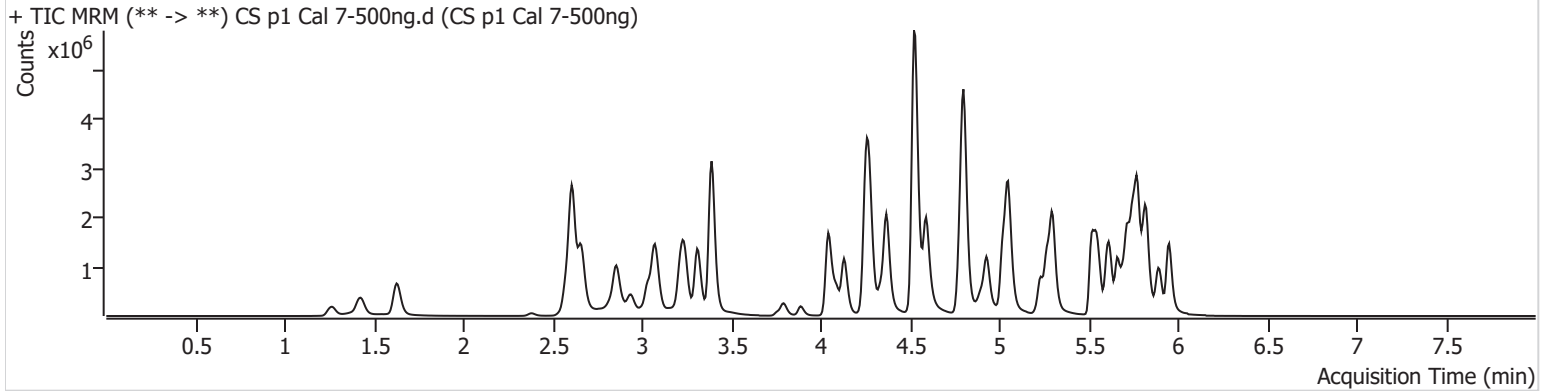


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument Falco (069901) Data File CS p1 Cal 7-500ng.d
Type Cal Sample CS p1 Cal 7-500ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-G1 Comment
Injection Volume 2
Acq. Date-Time 11/9/2021 6:33:01 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	76125	352.34	71.7	107092.47	39478	50.5953 ng/ml
7-aminoclonazepam	4.244	815657	1024.81	79.8	12954.58	139067	418.3585 ng/ml
a-hydroxyalprazolam	5.685	316265	1784.93	77.5	2443.49	157233	333.2638 ng/ml
alpha-PHP	4.930	682382	1632.26	265.3	188287.82	262655	506.7848 ng/ml
alpha-PVP	4.370	3079148	41568.45	49.7	157581.83	262655	513.7214 ng/ml
Alprazolam	5.775	2250741	1250.25	113.9	∞	157233	538.7854 ng/ml
Amphetamine	3.076	2808065	40305.68	43.4	9401.50	68382	453.1861 ng/ml
Benzoylecgonine	3.886	225629	1165.97	8.0	5165.03	10428	501.8531 ng/ml
Buprenorphine	5.649	19587	3342.81	17.1	6509.79	15409	50.5095 ng/ml
Bupropion	4.781	1594123	38724.26	66.0	22985.44	117522	485.7849 ng/ml
Carisoprodol	5.724	1582210	2130303.96	50.2	2073.61	126128	505.9658 ng/ml
Citalopram	5.232	1154129	829.15	36.7	1045.82	101789	504.9043 ng/ml
Clonazepam	5.612	2436104	50048.95	33.6	101711.45	72060	479.1031 ng/ml
Clonazepam	5.548	1577442	7202.93	33.9	94212.64	72060	472.5431 ng/ml
Cocaine	4.271	2468811	1155.71	53.4	68913.26	397068	498.8468 ng/ml
Codeine	2.593	272951	426.22	106.1	153.33	37397	430.6464 ng/ml
Cyclobenzaprine	5.628	463777	25772.11	8.3	102.13	44990	485.2300 ng/ml
Dextromethorphan	5.275	525279	12363.07	80.4	7241.91	54193	499.1336 ng/ml
Dextrophan	4.132	772829	2618.78	219.5	1093.22	209562	512.8996 ng/ml
Diazepam	5.953	1670668	661.38	86.9	1092.42	172816	501.0849 ng/ml
Dihydrocodeine	2.572	991964	9756.31	59.7	285.73	144296	444.2559 ng/ml
Diphenhydramine	5.303	2991686	762.87	29.2	250508.70	309282	510.7237 ng/ml
Doxylamine	4.522	7839058	8614.96	99.3	197485.09	626746	534.4975 ng/ml
EDDP	5.268	1389022	35545.17	43.6	12637.66	163593	499.6057 ng/ml
Etizolam	5.813	1087342	23802.47	28.2	553832.44	72060	520.0408 ng/ml
Fentanyl	5.082	50127	3627.78	77.8	103.81	58936	52.0213 ng/ml
Flualprazolam	5.698	736017	95764.50	91.8	9192.45	157233	538.2584 ng/ml
Fluoxetine	5.721	328215	10814.91	8.2	20683.41	22367	515.0653 ng/ml
Hydrocodone	3.032	1344021	5518.93	31.5	2507.07	177642	480.4462 ng/ml
Hydromorphone	1.628	1230157	4961545.45	73.7	3895916.85	82235	509.8385 ng/ml
Ketamine	4.044	3007675	1060.34	39.1	1886.52	265811	494.8595 ng/ml
Lamotrigine	4.287	220267	16310.37	85.7	508586.06	265811	411.0898 ng/ml
Levetiracetam	2.663	1417083	19971.24	146.0	24507.24	523302	512.4702 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	841078	17754.90	48.9	3243.41	72060	203.9997 ng/ml
MDA	3.223	2017041	3043.23	27.9	622.33	138613	471.3748 ng/ml
MDMA	3.310	1775016	5073.61	96.5	25914.34	44272	502.8457 ng/ml
Meprobamate	4.904	938463	404.84	24.8	272.44	153656	411.3850 ng/ml
Methadone	5.659	1314762	21143.36	53.3	16382.18	114147	510.8354 ng/ml
Methamphetamine	3.244	1636727	1538.30	41.4	6883.56	184032	495.7102 ng/ml
Metoprolol	4.340	575860	676542.00	86.7	9484.25	533135	481.8209 ng/ml
Mirtazapine	4.590	3059539	4103.16	45.5	1200.59	262655	535.5775 ng/ml
Mitragynine	5.210	255423	243356.43	35.0	115382.03	114147	478.5829 ng/ml
Morphine	1.267	204861	1278.09	20.4	358.68	6897	505.8146 ng/ml
Norbuprenorphine	5.006	2120	8115.26	103.1	821.29	2578	43.5675 ng/ml
Nordiazepam	5.893	1306207	23558.39	59.8	20781.60	91437	497.5961 ng/ml
Norfentanyl	4.093	639889	31830.30	32.7	3278.65	571029	49.8938 ng/ml
Norhydrocodone	3.086	136884	231.57	37.6	204.70	24751	652.6794 ng/ml
Noroxycodone	2.936	901160	∞	48.2	8967.25	55871	494.9652 ng/ml
O-desmethyl-tramadol	3.389	6872908	92184.55	6.8	657.85	745377	519.7797 ng/ml
Oxazepam	5.749	1217747	20531.47	76.3	7242.63	132371	475.3038 ng/ml
Oxycodone	2.854	2764843	10963.60	29.8	3223.44	200969	500.7492 ng/ml
Oxymorphone	1.425	955901	∞	45.8	1711.03	63217	497.6104 ng/ml
Phentermine	3.797	618389	4529.25	6.7	1441.20	197146	484.7866 ng/ml
Promethazine	5.545	826051	1561.19	32.7	1147.94	74131	510.9925 ng/ml
Pseudoephedrine	2.610	5660152	2227.55	16.0	71010.46	523302	528.2816 ng/ml
Quetiapine	5.514	2330230	148453.36	59.1	28014.14	62643	498.6761 ng/ml
Sertraline	5.789	129416	228.85	98.9	1405.00	10618	500.8715 ng/ml
Temazepam	5.823	2800785	15216.56	28.6	7900.06	319669	493.9074 ng/ml
Tramadol	4.252	5216750	200309.57	3.9	774.24	533135	497.3653 ng/ml
Trazodone	5.020	2097235	1457.94	77.5	92559.16	159638	542.7302 ng/ml
Venlafaxine	5.050	3928833	91257.26	37.7	24664.18	390482	516.5329 ng/ml
Zolpidem	4.799	8037494	259077.82	28.3	9940.51	742590	510.3216 ng/ml

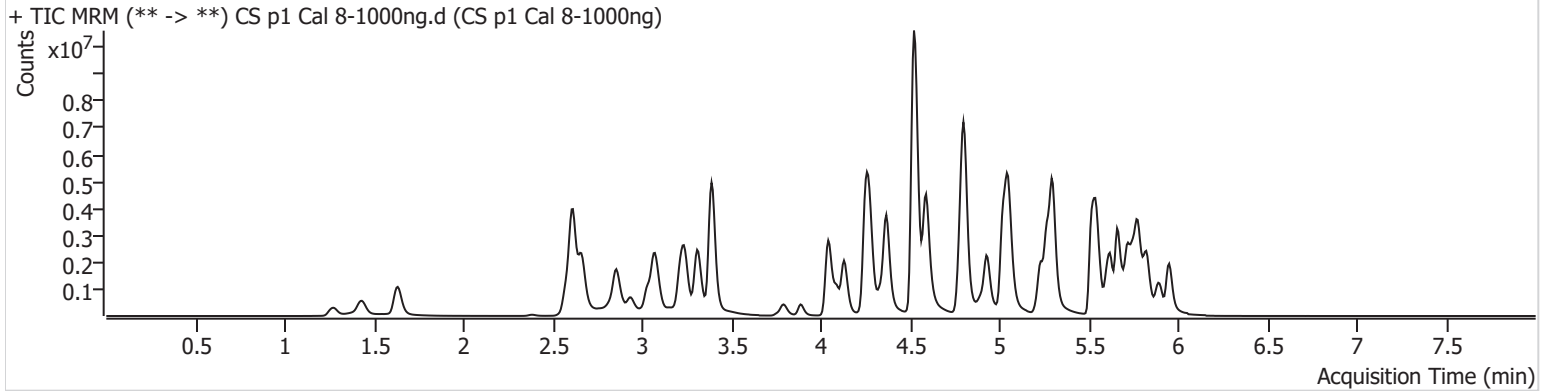
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\110821 AM 27 28 TS CS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 11/12/2021 11:42:37 AM

Instrument	Falco (069901)	Data File	CS p1 Cal 8-1000ng.d
Type	Cal	Sample	CS p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-H1	Comment	
Injection Volume	2		
Acq. Date-Time	11/9/2021 6:43:37 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	150728	4850.76	71.8	586.28	39850	99.2731 ng/ml
7-aminoclonazepam	4.244	952274	12987.43	79.4	15257.93	111583	609.4693 ng/ml
a-hydroxyalprazolam	5.685	354321	270.16	76.2	204.07	115347	509.9234 ng/ml
alpha-PHP	4.937	1393393	13390.17	266.2	109526.90	254136	1069.7312 ng/ml
alpha-PVP	4.370	5932995	218753.37	50.4	80135.92	254136	1023.6288 ng/ml
Alprazolam	5.775	3127515	610.06	109.5	462.84	115347	1020.3224 ng/ml
Amphetamine	3.076	4814192	2312.12	44.0	2102.34	70372	756.2162 ng/ml
Benzoylecgonine	3.886	498456	13602.97	8.0	145053.94	11129	1037.2862 ng/ml
Buprenorphine	5.649	52028	2738.76	15.0	26393.00	20782	99.9244 ng/ml
Bupropion	4.781	2801793	300104.85	65.3	35826.43	120147	836.1186 ng/ml
Carisoprodol	5.724	1804474	69279.42	50.5	11644.46	72106	1009.3298 ng/ml
Citalopram	5.232	3035104	130987.65	36.2	906.15	129768	1042.2944 ng/ml
Clonazepam	5.605	2997336	42983.82	33.7	55734.96	51242	830.1003 ng/ml
Clonazepam	5.555	1786122	217023.43	34.9	87609.75	51242	753.1850 ng/ml
Cocaine	4.271	4252884	60792.78	52.4	49491.35	347779	982.1392 ng/ml
Codeine	2.593	397271	10194.69	104.5	336.57	33268	705.7496 ng/ml
Cyclobenzaprine	5.628	2091591	28857.76	7.9	444.40	93102	1055.3215 ng/ml
Dextromethorphan	5.275	1448724	57231.02	79.1	956.39	75668	987.1217 ng/ml
Dextrophan	4.132	1482634	∞	219.5	221458.72	200910	1026.8937 ng/ml
Diazepam	5.953	2416730	3338.11	88.0	27630.50	133958	935.8808 ng/ml
Dihydrocodeine	2.572	1642324	27515.95	60.7	20055.69	143184	742.1153 ng/ml
Diphenhydramine	5.303	7720924	3878.68	29.2	33592.61	399343	1021.7599 ng/ml
Doxylamine	4.522	15248842	358158.31	98.5	171375.41	644575	1011.3626 ng/ml
EDDP	5.268	3606293	2646.68	42.5	61759.59	211610	1003.6163 ng/ml
Etizolam	5.813	1606105	1913.41	28.0	1069.34	51242	1080.5005 ng/ml
Fentanyl	5.082	191141	1174.39	78.1	116.42	98808	118.2377 ng/ml
Flualprazolam	5.698	936926	13907.61	90.4	16507.37	115347	934.0267 ng/ml
Fluoxetine	5.721	1454449	187694.22	7.8	2373.05	48034	1063.7501 ng/ml
Hydrocodone	3.032	2357293	831.30	32.2	196.93	170987	876.5221 ng/ml
Hydromorphone	1.635	2161690	1355548.24	74.2	160644.16	74455	990.3160 ng/ml
Ketamine	4.044	5481888	214207.84	38.2	17556.57	267837	896.3027 ng/ml
Lamotrigine	4.287	307466	12320.46	85.0	13280.26	267837	570.3778 ng/ml
Levetiracetam	2.663	2232341	6197.13	149.2	40434.56	425960	994.2660 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	868459	13522.71	48.5	5778.71	51242	297.2976 ng/ml
MDA	3.216	3252012	50124.34	27.2	719.80	126957	831.0218 ng/ml
MDMA	3.310	3423899	14959.94	92.6	34818.02	44220	971.9009 ng/ml
Meprobamate	4.904	1267136	202733.39	23.4	8775.66	126431	676.4115 ng/ml
Methadone	5.659	3998286	169252.68	53.9	104482.66	164380	1079.6711 ng/ml
Methamphetamine	3.244	3430630	58708.10	40.6	35002.55	213847	897.3221 ng/ml
Metoprolol	4.340	966232	1018401.45	89.5	169111.02	488875	882.3347 ng/ml
Mirtazapine	4.590	7548523	224035.40	43.9	149413.89	254136	1364.9429 ng/ml
Mitragynine	5.210	805492	279027.66	35.7	754847.09	164380	1048.7590 ng/ml
Morphine	1.274	353964	261.21	20.5	586.31	6410	941.2889 ng/ml
Norbuprenorphine	5.006	6003	385.05	93.9	5876.07	2996	107.2267 ng/ml
Nordiazepam	5.900	1672829	20106.13	59.2	4074.68	64551	903.5442 ng/ml
Norfentanyl	4.093	1312555	285.34	32.9	16010.81	571375	102.2625 ng/ml
Norhydrocodone	3.086	275642	429.07	37.6	254.43	23259	1398.2868 ng/ml
Noroxycodone	2.936	1367957	926.09	50.6	6888.63	45391	925.8877 ng/ml
O-desmethyl-tramadol	3.389	12031858	∞	6.7	25844.66	664339	1021.5141 ng/ml
Oxazepam	5.749	1136454	13613.38	76.1	30933.12	65940	891.6454 ng/ml
Oxycodone	2.854	5000591	∞	29.8	5727.49	198210	919.2337 ng/ml
Oxymorphone	1.432	1579491	1462.42	45.8	1037.48	56075	927.9609 ng/ml
Phentermine	3.797	1170329	∞	6.4	155.76	219005	826.7619 ng/ml
Promethazine	5.545	4073198	54498.73	31.8	2481.10	174549	1070.7247 ng/ml
Pseudoephedrine	2.616	9487152	143462.33	15.7	71107.32	425960	1088.1151 ng/ml
Quetiapine	5.514	5322560	75170.43	60.1	101938.22	80562	886.9397 ng/ml
Sertraline	5.789	569949	313.46	97.7	107523.95	23387	1001.5930 ng/ml
Temazepam	5.823	2963414	31296.62	28.6	22012.79	167831	996.4458 ng/ml
Tramadol	4.252	8946002	2777.96	3.8	20198.54	488875	931.1454 ng/ml
Trazodone	5.020	5255279	1710.67	78.4	21701.08	235402	924.0187 ng/ml
Venlafaxine	5.050	7844742	183251.31	36.3	50733.42	386687	1041.9798 ng/ml
Zolpidem	4.799	13802171	16255.63	28.1	12830.72	708757	918.9308 ng/ml