

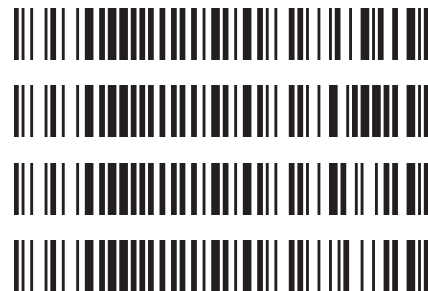
REVIEWED
By Tamara Salazar at 11:22 am, Apr 06, 2021

Worklist: 4864

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-0777	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-0921	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-1027	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-1064	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0237	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0237	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0365	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0439	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0498	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0526	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0668	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0669	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0673	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0704	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0705	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0706	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0720	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0729	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0752	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0762	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-0779	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 4864

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2021-0780	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-0781	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-0782	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-0783	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 03/25/2021

Analyst: Celena Shrum

Plate lot#: 201207

Plate Expiration: 06/07/2021

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20724

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.

Comments: Curve limits: alpha-hydroxyalprazolam 5-100, Alpha-PHP 5-500, Amphetamine 5-500, Benzoylcegonine 10-1000, Buprenorphine 0.5-50, Codeine 5-500, Dihydrocodeine 5-500, Fluoxetine 10-1000 (report qualitatively), Lamotrigine 5-250, Lorazepam 5-100, MDA 5-500, Meprobamate 5-100, Methamphetamine 5-500, Mitragynine 5-500, Norbuprenorphine 1-100 (report qualitatively), Norfentanyl 0.5-50, Phentermine 5-500.

A surrogate ISTD was used for hydromorphone and as such these compounds will be called qualitatively only. Calibrator 1 was reinjected due to response issues. The blank run before P2021-0526-1 contained compounds and was re-made and the blank and sample were reinjected.

	1	2	3	4	5	6	7	8	9	10	11	12
A					IS + Cal. 1	IS + QC_1			P2021-0729-1	P2021-0526-1	M2021-0921-1	IS + Cal. 8
B					IS + Cal. 2	IS + QC_2		P2021-0783-1	P2021-0720-1	P2021-0498-2	M2021-0777-1	IS + Cal. 7
C					IS + Cal. 3	IS + QC_3		P2021-0782-1	P2021-0706-1	P2021-0439-1	Blood NC	IS + Cal. 6
D					IS + Cal. 4	IS + QC_4		P2021-0781-1	P2021-0705-1	P2021-0365-2	IS + QC_2	IS + Cal. 5
E					IS + Cal. 5	IS + QC_2		P2021-0780-1	P2021-0704-1	P2021-0237-2	IS + QC_4	IS + Cal. 4
F					IS + Cal. 6			P2021-0779-1	P2021-0673-1	P2021-0237-1	IS + QC_3	IS + Cal. 3
G					IS + Cal. 7			P2021-0762-1	P2021-0669-1	M2021-1064-3	IS + QC_2	IS + Cal. 2
H					IS + Cal. 8			P2021-0752-2	P2021-0668-1	M2021-1027-2	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

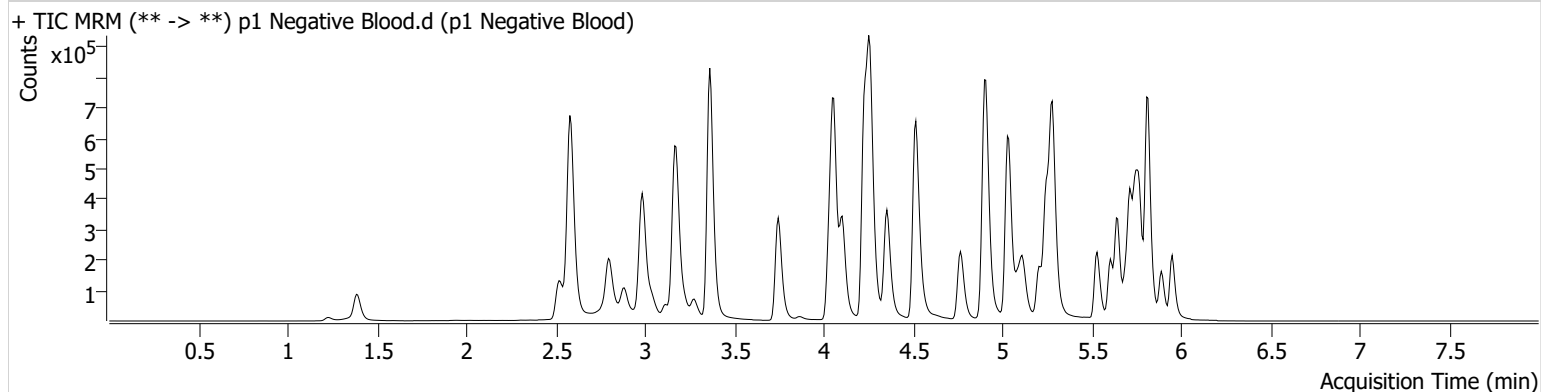
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 7:33:54 AM

Instrument	Instrument 1	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	3/26/2021 1:47:40 AM		
Sample Info.			

Sample Chromatogram



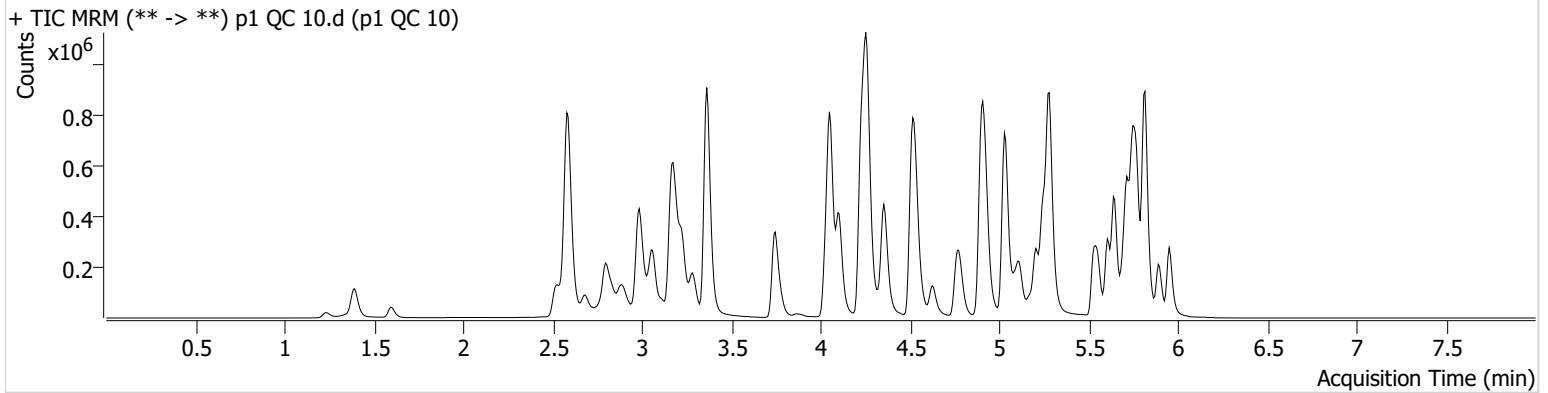
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 7:33:54 AM

Instrument	Instrument 1	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-H11	Comment	
Injection Volume	2		
Acq. Date-Time	3/26/2021 12:43:59 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	4120	926.57	70.2	141.87	97943	1.0534 ng/ml
7-aminoclonazepam	4.271	75361	234.79	81.5	1303.54	281209	9.5807 ng/ml
a-hydroxyalprazolam	5.692	44522	∞	60.5	795.78	152539	10.9466 ng/ml
alpha-PHP	4.930	50483	247.60	262.3	1782.61	849823	11.7406 ng/ml
alpha-PVP	4.363	191470	643.83	51.9	410.19	849823	10.1458 ng/ml
Alprazolam	5.775	142253	815.10	113.5	383.32	498741	10.1546 ng/ml
Amphetamine	3.063	409881	4231.93	48.7	1608.70	391670	10.7483 ng/ml
Benzoylcegonine	3.892	5993	647.25	8.9	45.69	21838	10.5946 ng/ml
Buprenorphine	5.860	2471	260.74	12.1	∞	93578	0.9622 ng/ml
Bupropion	4.788	161560	2613.02	61.9	214.94	571859	10.4510 ng/ml
Carisoprodol	5.724	137292	165.46	55.3	144.31	688685	9.8194 ng/ml
Citalopram	5.205	103138	308.71	43.2	115.36	470368	10.0668 ng/ml
Clonazepam	5.612	162676	265.41	34.1	618.98	195344	9.8944 ng/ml
Clonazepam	5.548	107926	12415.80	37.1	48511.61	195344	9.5187 ng/ml
Cocaine	4.257	164224	356.14	51.9	11368.38	1520929	10.0561 ng/ml
Codeine	2.573	20491	2012.69	104.1	454.67	101908	10.2720 ng/ml
Cyclobenzaprine	5.615	45687	232.67	8.5	24.88	159817	10.6370 ng/ml
Dextromethorphan	5.255	53431	1029.66	80.1	131.12	244351	10.2965 ng/ml
Dextrophan	4.105	57804	455.57	207.5	601.77	695408	9.9881 ng/ml
Diazepam	5.960	88637	333.31	88.3	761.70	408384	10.1667 ng/ml
Dihydrocodeine	2.552	51234	306.95	64.8	1178.32	294807	10.3364 ng/ml
Diphenhydramine	5.282	263278	500.02	33.1	343.86	1598307	9.8902 ng/ml
Doxylamine	4.529	414111	1253.67	99.4	1974.59	1787212	10.0813 ng/ml
EDDP	5.248	111034	454.96	43.4	73.92	576515	10.0345 ng/ml
Etizolam	5.813	84851	2761.25	24.4	39041.23	195344	10.2036 ng/ml
Fentanyl	5.103	5683	42.90	72.9	5755.50	273051	0.9462 ng/ml
Flualprazolam	5.705	63708	2176.23	98.5	3721.12	498741	9.7559 ng/ml
Fluoxetine	5.700	48227	121.38	8.5	232.75	148143	8.4317 ng/ml
Hydrocodone	3.012	74694	203.37	37.8	186.21	884997	10.0427 ng/ml
Hydromorphone	1.601	68368	819.06	75.9	7586.12	18711	10.2069 ng/ml
Ketamine	4.051	149372	540.01	38.3	268.85	713246	9.8629 ng/ml
Lamotrigine	4.273	14618	721.47	81.9	2354.64	713246	11.3910 ng/ml
Levetiracetam	2.683	62987	600.99	169.7	1347.08	1894560	10.3811 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	158282	2759.15	53.1	86.51	195344	11.0493 ng/ml
MDA	3.196	261231	2903.00	24.4	249.21	649444	10.4539 ng/ml
MDMA	3.290	153010	2343.67	78.9	1588.38	145119	10.0562 ng/ml
Meprobamate	4.917	78555	3027.60	28.0	37026.52	356924	9.9220 ng/ml
Methadone	5.646	163590	463.88	46.9	461.00	723743	10.0300 ng/ml
Methamphetamine	3.231	461175	1494.84	37.8	2606.04	1070775	16.6798 ng/ml
Metoprolol	4.319	38920	861.61	92.6	699.97	1729388	10.2105 ng/ml
Mirtazapine	4.624	190403	1478.82	49.6	3067.46	849823	12.7719 ng/ml
Mitragynine	5.230	23140	290.23	40.8	589.03	723743	11.1850 ng/ml
Morphine	1.240	9509	426.08	29.5	76.42	11332	9.9121 ng/ml
Norbuprenorphine	4.986	476	1158.25	86.6	1561.57	16951	0.7613 ng/ml
Nordiazepam	5.900	87269	786.09	56.7	513.27	288428	9.7228 ng/ml
Norfentanyl	4.079	34936	337.23	33.2	150.08	1523804	0.9556 ng/ml
Norhydrocodone	3.059	11606	69.57	40.0	101.06	115657	9.2143 ng/ml
Noroxycodone	2.903	87734	433.51	42.2	202.28	301139	10.0651 ng/ml
O-desmethyl-tramadol	3.369	313831	1187.29	6.8	272.36	1964081	9.6655 ng/ml
Oxazepam	5.756	172704	594.00	74.3	1337.59	699416	10.0137 ng/ml
Oxycodone	2.827	153272	818.46	27.3	374.96	664799	9.8649 ng/ml
Oxymorphone	1.391	76676	326.63	41.8	140.84	265383	10.3665 ng/ml
Phentermine	3.783	78900	180.64	4.7	46.84	900678	10.2671 ng/ml
Promethazine	5.532	89718	189.26	27.3	63.04	326244	11.1805 ng/ml
Pseudoephedrine	2.596	383832	4834.00	16.2	4614.37	1894560	11.2855 ng/ml
Quetiapine	5.555	121637	1542.22	57.9	713.42	157733	9.2213 ng/ml
Sertraline	5.769	20785	197.71	96.9	294.50	72348	12.4018 ng/ml
Temazepam	5.816	291028	2570.63	28.9	732.01	1388482	10.1042 ng/ml
Tramadol	4.239	351340	318.82	3.5	118.68	1729388	10.1356 ng/ml
Trazodone	5.169	102581	172.96	80.0	469.64	414733	10.2413 ng/ml
Venlafaxine	5.037	289891	321.62	40.2	700.22	1485359	9.9496 ng/ml
Zolpidem	4.928	351489	1292.12	31.2	1163.07	1708513	10.0653 ng/ml



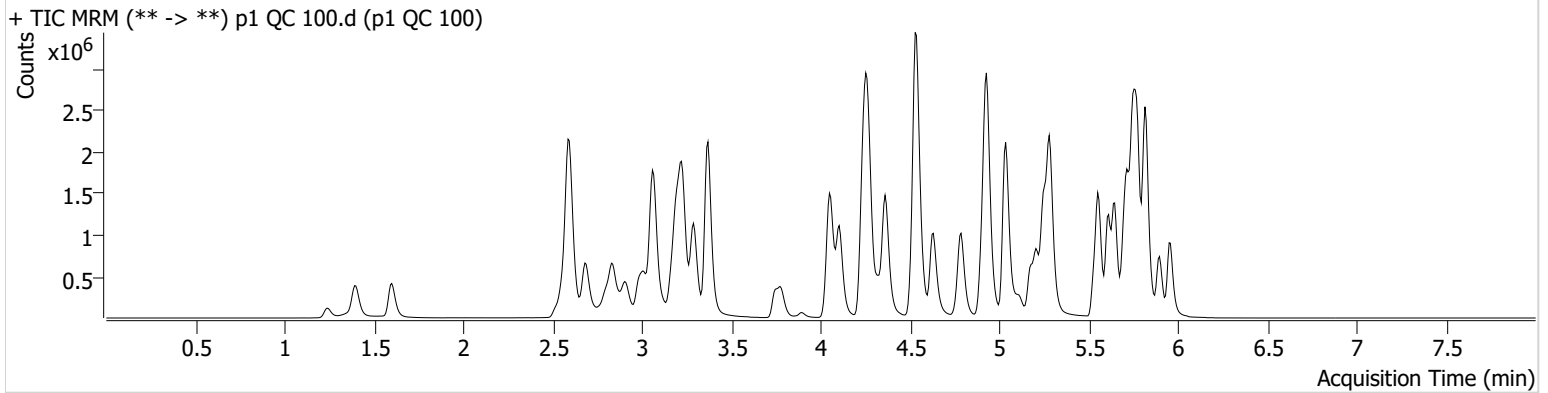
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 7:33:54 AM

Instrument Instrument 1
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-G11
Injection Volume 2
Acq. Date-Time 3/26/2021 6:44:42 AM
Sample Info.

Data File p1 QC 100.d
Sample p1 QC 100
Operator Celena Shrum
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	42875	975.17	68.1	∞	101208	10.6615 ng/ml
7-aminoclonazepam	4.271	722382	521.13	81.5	27247.65	255483	96.6795 ng/ml
a-hydroxyalprazolam	5.692	382288	1712.03	59.3	1584.66	174809	89.5843 ng/ml
alpha-PHP	4.930	464640	13300.54	266.5	7821.91	818250	109.9824 ng/ml
alpha-PVP	4.363	1953762	1183.46	52.4	1535.63	818250	105.0919 ng/ml
Alprazolam	5.775	1406616	2817.09	111.6	∞	453000	108.7423 ng/ml
Amphetamine	3.063	3399770	32435.11	49.1	2569.47	365998	106.7463 ng/ml
Benzoylcegonine	3.892	64310	2965.80	7.9	430.16	21900	105.1689 ng/ml
Buprenorphine	5.860	24942	62379.07	13.8	7408.67	79831	9.6040 ng/ml
Bupropion	4.788	1513050	2118.73	60.8	887.61	509354	106.2669 ng/ml
Carisoprodol	5.724	1224001	2497582.11	53.5	5351.30	571669	103.4270 ng/ml
Citalopram	5.212	868913	1152.33	42.8	1685.77	380559	102.2337 ng/ml
Clonazepam	5.612	1550840	2103.31	32.4	4445.14	175719	109.6593 ng/ml
Clonazepam	5.548	1074362	158395.18	38.4	582893.61	175719	112.6150 ng/ml
Cocaine	4.257	1579518	29523.03	51.8	59679.38	1390025	105.0889 ng/ml
Codeine	2.573	192333	1909.52	101.1	1256.31	99215	107.0281 ng/ml
Cyclobenzaprine	5.615	333806	303.10	8.7	194.71	126296	104.4950 ng/ml
Dextromethorphan	5.255	450153	404.83	78.0	13112.92	201053	104.1001 ng/ml
Dextrophan	4.105	579270	17586.32	209.3	2354.97	666684	104.9124 ng/ml
Diazepam	5.960	865667	4785.47	86.8	1037.08	385710	106.6125 ng/ml
Dihydrocodeine	2.552	535527	1491.14	63.6	530.09	309466	110.0194 ng/ml
Diphenhydramine	5.289	2354392	2539.31	33.1	771.05	1368674	101.9221 ng/ml
Doxylamine	4.536	4388261	20104.17	98.1	10775.67	1759512	110.3392 ng/ml
EDDP	5.254	1258707	766.96	43.2	11304.66	631445	101.5542 ng/ml
Etizolam	5.813	812470	6977.23	25.3	448967.92	175719	92.4966 ng/ml
Fentanyl	5.103	49841	2489.34	71.3	9987.23	232962	10.2771 ng/ml
Flualprazolam	5.705	631009	12940.00	99.7	24721.35	453000	112.4969 ng/ml
Fluoxetine	5.700	289645	6873.69	9.5	1124.63	111083	112.7815 ng/ml
Hydrocodone	3.012	769663	464.28	39.1	197.65	882774	110.7175 ng/ml
Hydromorphone	1.601	713555	4223.24	76.3	10454.45	18378	114.4280 ng/ml
Ketamine	4.051	1532993	1158.10	37.7	∞	699944	107.4305 ng/ml
Lamotrigine	4.280	130270	6155.86	79.3	1253.13	699944	106.9892 ng/ml
Levetiracetam	2.683	645496	6549.47	164.5	26805.49	1745140	94.3008 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1115107	46831.79	55.4	373.63	175719	89.0031 ng/ml
MDA	3.196	2190978	3079.46	24.1	3166.42	570585	106.1064 ng/ml
MDMA	3.290	1531884	3814.21	78.0	6612.21	133370	110.5403 ng/ml
Meprobamate	4.917	661564	8969.65	28.1	5366.66	333917	96.4396 ng/ml
Methadone	5.646	1400288	6049.99	45.0	441.56	596913	103.7164 ng/ml
Methamphetamine	3.231	2805505	47437.59	38.2	4886.87	1062634	110.4655 ng/ml
Metoprolol	4.326	388756	11458.12	92.0	8748.96	1721661	107.4967 ng/ml
Mirtazapine	4.631	1755767	48272.65	47.6	3252.48	818250	107.0965 ng/ml
Mitragynine	5.237	204594	3565.32	41.3	664.85	596913	110.1512 ng/ml
Morphine	1.240	100916	1119.30	28.7	657.03	11620	103.0498 ng/ml
Norbuprenorphine	4.986	3422	1928.19	94.3	2950.27	14701	11.1302 ng/ml
Nordiazepam	5.900	814181	6066.85	58.1	∞	263092	105.8618 ng/ml
Norfentanyl	4.079	367755	∞	34.3	1006.11	1447288	10.1945 ng/ml
Norhydrocodone	3.059	102267	225.68	43.3	566.16	94483	97.3137 ng/ml
Noroxycodone	2.909	844942	1881.81	42.6	2813.66	270746	109.9771 ng/ml
O-desmethyl-tramadol	3.369	3356238	1557.60	6.8	2122.36	1945870	103.1833 ng/ml
Oxazepam	5.756	1395892	7315.40	75.1	13070.07	543444	106.7069 ng/ml
Oxycodone	2.834	1614770	1271.50	26.6	882.68	668668	108.8088 ng/ml
Oxymorphone	1.398	764311	1075.42	43.0	∞	256191	109.6863 ng/ml
Phentermine	3.783	748676	1596.87	4.5	720.35	856708	111.4618 ng/ml
Promethazine	5.532	681405	859.23	27.5	412.37	271893	105.6823 ng/ml
Pseudoephedrine	2.596	3879061	18274.81	16.3	11814.33	1745140	98.4548 ng/ml
Quetiapine	5.555	1000911	22007155.92	59.2	14710.67	130618	109.5668 ng/ml
Sertraline	5.769	138583	267.89	96.5	272.73	63534	103.5244 ng/ml
Temazepam	5.823	2609069	14563.41	28.3	4197.98	1148813	106.3094 ng/ml
Tramadol	4.239	3563883	3848.37	3.6	343.64	1721661	107.2023 ng/ml
Trazodone	5.176	886886	24564.93	79.2	1861.74	356362	104.1621 ng/ml
Venlafaxine	5.037	2964178	43156.90	39.2	728.75	1413682	104.3094 ng/ml
Zolpidem	4.928	3626389	7625.96	30.3	2689.25	1704336	109.9254 ng/ml

AM #28 Multi-Drug Quant. Results

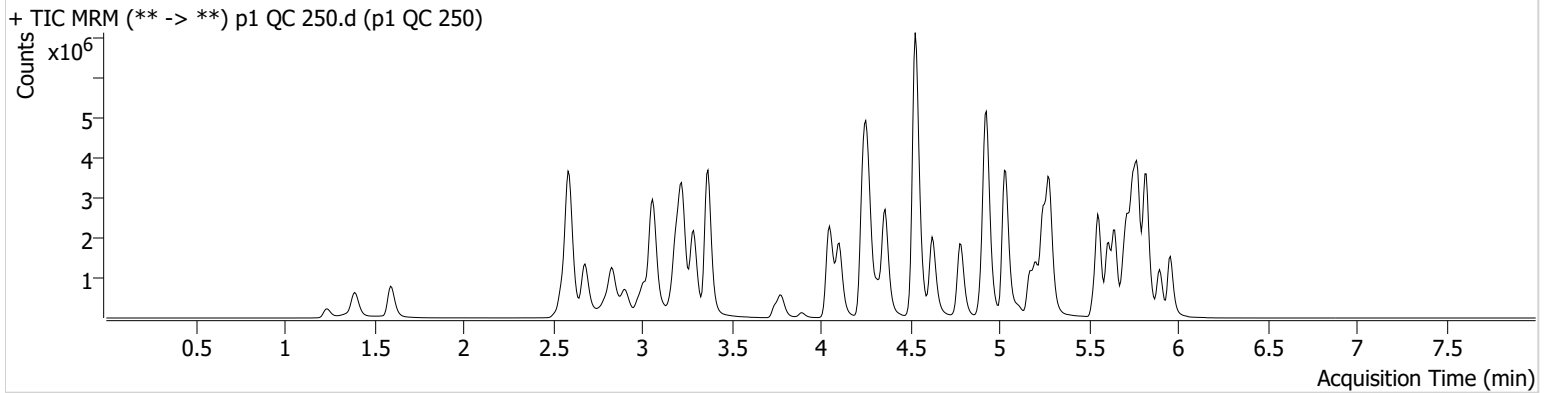


Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 7:33:54 AM

Instrument Instrument 1
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F11
Injection Volume 2
Acq. Date-Time 3/26/2021 1:05:13 AM
Sample Info.

Data File p1 QC 250.d
Sample p1 QC 250
Operator Celena Shrum
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	95040	12345.23	70.0	343.89	96201	24.8708 ng/ml
7-aminoclonazepam	4.271	1246802	10150.85	81.1	∞	185569	229.0965 ng/ml
α-hydroxyalprazolam	5.692	593113	959.27	59.1	419.91	170885	142.8642 ng/ml*
α-PHP	4.930	857593	3820.76	269.7	62557.96	725364	228.7069 ng/ml
α-PVP	4.363	4037388	1119.90	52.4	∞	725364	244.6416 ng/ml
Alprazolam	5.775	2624492	2403.27	114.0	∞	380711	241.1959 ng/ml
Amphetamine	3.063	6002106	3542.09	48.0	2161.39	306717	226.4715 ng/ml
Benzoylcegonine	3.892	136386	5213.33	8.3	1698.07	21049	231.0403 ng/ml
Buprenorphine	5.860	45783	3190.10	14.9	11037.64	58525	23.7996 ng/ml
Bupropion	4.788	2931386	2143.93	61.0	1346.20	426798	245.2065 ng/ml
Carisoprodol	5.724	2071512	2343284.59	54.9	∞	408278	244.8057 ng/ml
Citalopram	5.205	1663879	3334.82	42.4	1024.52	312471	238.0584 ng/ml
Clonazepam	5.612	2752864	77362.52	32.1	4027.57	139484	245.8379 ng/ml
Clonazepam	5.548	1946055	57094.29	37.6	660061.94	139484	257.9033 ng/ml
Cocaine	4.257	3247784	63922.54	51.5	1598.12	1218388	246.4179 ng/ml
Codeine	2.573	353667	5508.18	100.6	4116.78	85893	228.3710 ng/ml
Cyclobenzaprine	5.615	419643	748.13	9.3	246.57	68898	241.7800 ng/ml
Dextromethorphan	5.255	764291	814.97	79.2	655.74	149076	238.1846 ng/ml
Dextrophan	4.105	1181764	2385.78	207.3	50988.99	578397	246.7731 ng/ml
Diazepam	5.960	1669348	5468.65	87.8	17991.61	318131	249.4755 ng/ml
Dihydrocodeine	2.552	1081671	1033.63	65.4	1282.35	295549	233.5670 ng/ml
Diphenhydramine	5.282	4485753	72350.17	32.7	961.45	1104557	240.4269 ng/ml
Doxylamine	4.529	9584860	85544.86	95.9	9100.92	1622944	261.5394 ng/ml
EDDP	5.248	2957088	126352.71	42.2	578.74	617232	243.7299 ng/ml
Etizolam	5.813	1582500	22225.87	25.4	3086.52	139484	224.5334 ng/ml
Fentanyl	5.103	80171	999.51	68.1	105456.60	159240	24.2646 ng/ml
Flualprazolam	5.705	1162090	24899.29	100.3	51757.37	380711	247.2520 ng/ml
Fluoxetine	5.700	212121	217.76	9.2	71215.05	37763	250.4103 ng/ml
Hydrocodone	3.012	1549171	∞	38.6	282.79	833675	236.8217 ng/ml
Hydromorphone	1.595	1418420	2108.15	76.1	3173.78	17185	243.9485 ng/ml
Ketamine	4.051	3253805	39837.10	37.4	1805.45	656933	243.5238 ng/ml
Lamotrigine	4.280	229028	2182.09	82.0	5756.92	656933	200.7960 ng/ml
Levetiracetam	2.683	1336048	5555.03	165.2	5301.79	1472137	228.3372 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1416182	46480.81	56.9	2570.64	139484	142.6134 ng/ml*
MDA	3.196	3626532	3597.88	23.6	1123.44	442192	227.4619 ng/ml
MDMA	3.290	3087805	4310.97	77.4	12933.96	119617	248.5589 ng/ml
Meprobamate	4.917	1067460	31520.37	26.9	626.95	284907	183.1699 ng/ml*
Methadone	5.646	2505914	25344.36	45.9	225863.40	463976	238.7347 ng/ml
Methamphetamine	3.224	5591494	6822.70	37.4	2027.21	981544	240.2059 ng/ml
Metoprolol	4.319	782642	3482.86	89.7	1804.86	1524323	245.1407 ng/ml
Mirtazapine	4.624	3384191	2402.63	48.5	4371.13	725364	230.7752 ng/ml
Mitragynine	5.230	345035	202460.47	40.1	703.59	463976	237.8136 ng/ml
Morphine	1.240	216757	9342.66	28.3	284.97	10477	245.5606 ng/ml
Norbuprenorphine	4.979	5860	9001.15	94.3	13918.12	11554	25.0287 ng/ml
Nordiazepam	5.900	1534181	20030.68	57.0	1002.23	214973	245.0373 ng/ml
Norfentanyl	4.079	739028	1068.63	34.3	2770.25	1180142	25.0665 ng/ml
Norhydrocodone	3.059	190610	332.08	42.0	136.77	73479	232.9313 ng/ml
Noroxycodone	2.903	1507851	∞	42.1	1660.57	211060	252.0489 ng/ml
O-desmethyl-tramadol	3.369	7448107	131982.78	6.6	23023.00	1795153	248.0423 ng/ml
Oxazepam	5.756	2078919	12851.07	74.2	4786.24	347658	248.7754 ng/ml
Oxycodone	2.827	3469228	2172.07	26.4	3048.53	636147	246.4469 ng/ml
Oxymorphone	1.391	1476172	∞	42.4	2991.26	224405	242.1939 ng/ml
Phentermine	3.783	1392575	1013.03	4.5	237.41	777998	229.3550 ng/ml
Promethazine	5.532	925920	2204.25	27.9	1667.56	164078	238.5528 ng/ml
Pseudoephedrine	2.596	7859638	68662.47	15.9	44338.32	1472137	232.9143 ng/ml
Quetiapine	5.555	1909709	37367.75	59.5	747.78	111230	247.9790 ng/ml
Sertraline	5.769	88019	209.04	98.7	456.20	17652	238.4823 ng/ml
Temazepam	5.823	4353017	33109.06	28.7	1175.37	818262	248.5867 ng/ml
Tramadol	4.239	7379461	1838.10	3.6	554.33	1524323	251.2849 ng/ml
Trazodone	5.169	1665001	300.23	79.0	24252.94	286764	243.1738 ng/ml
Venlafaxine	5.037	6223198	103247.25	38.2	787.82	1251906	246.9299 ng/ml
Zolpidem	4.928	7279251	1951.74	29.9	112299.69	1526265	247.1714 ng/ml

*Not included in curve.

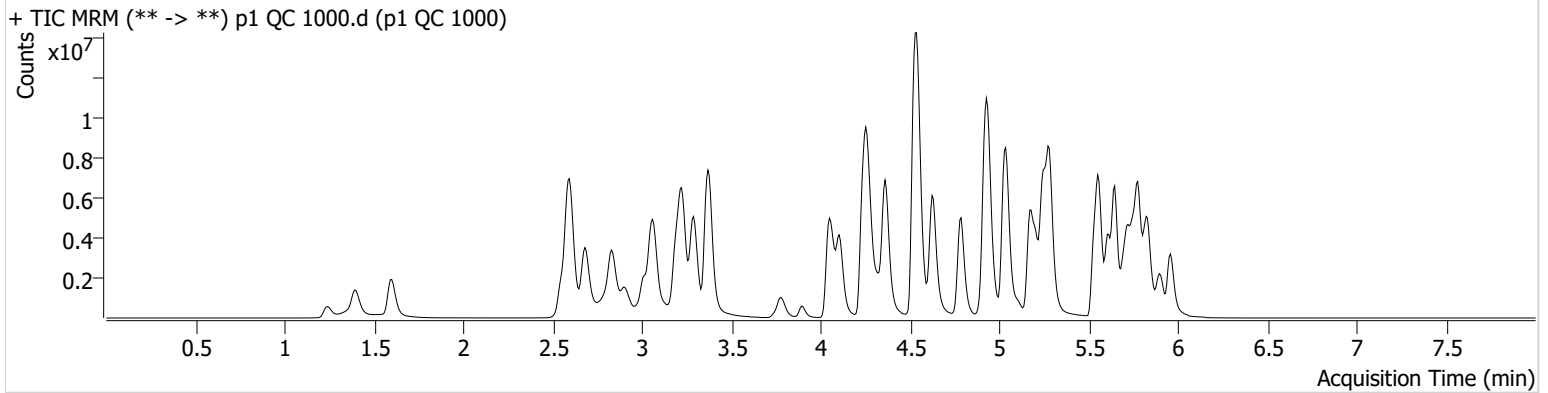
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 7:33:54 AM

Instrument	Instrument 1	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-E11	Comment	
Injection Volume	2		
Acq. Date-Time	3/26/2021 1:26:26 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	335566	3366.30	70.0	15648.48	83096	101.6798 ng/ml
7-aminoclonazepam	4.278	1841083	9158.32	87.3	14504.77	64083	978.1057 ng/ml
a-hydroxyalprazolam	5.685	875852	669.74	59.8	177.46	208287	173.3309 ng/ml*
alpha-PHP	4.930	1784014	16241.56	271.3	70204.91	504788	683.1429 ng/ml*
alpha-PVP	4.363	11688052	19848.23	52.4	53841.80	504788	1016.8978 ng/ml
Alprazolam	5.775	6095222	∞	113.8	5654.89	222597	957.5131 ng/ml
Amphetamine	3.063	10648471	67727.56	48.0	48570.14	166073	745.3348 ng/ml*
Benzoylcegonine	3.892	678962	3175.49	7.8	114.97	19706	1224.9112 ng/ml
Buprenorphine	5.860	133248	8515.71	14.3	22431.82	32988	122.2044 ng/ml*
Bupropion	4.788	8424142	2324.16	60.5	1306.63	302238	993.9152 ng/ml
Carisoprodol	5.730	3718055	420720.92	53.6	19662.15	166640	1075.8204 ng/ml
Citalopram	5.205	4626265	119494.01	42.3	20525.53	205605	1005.0411 ng/ml
Clonazepam	5.612	5104584	60670.00	31.7	8718.56	74227	857.8625 ng/ml
Clonazepam	5.555	3543051	187023.74	37.5	794012.30	74227	884.1044 ng/ml
Cocaine	4.257	8402727	646.48	50.7	975.82	743449	1044.5644 ng/ml
Codeine	2.566	776332	2243.69	97.3	1170.27	57510	750.8183 ng/ml*
Cyclobenzaprine	5.615	2865830	2429.75	8.8	534.24	108594	1050.0661 ng/ml
Dextromethorphan	5.255	2055861	9121.68	79.3	38290.72	97375	980.4190 ng/ml
Dextrophan	4.105	3017660	2019.20	212.4	3862.73	353477	1031.2741 ng/ml
Diazepam	5.960	4338059	∞	87.0	30595.49	212658	970.3013 ng/ml
Dihydrocodeine	2.545	2966059	2045.65	64.2	1821.56	272090	697.2536 ng/ml*
Diphenhydramine	5.282	12519919	148463.42	32.8	1760.20	731089	1013.3707 ng/ml
Doxylamine	4.536	24117255	207813.84	97.4	32099.13	1304870	818.8928 ng/ml
EDDP	5.248	9464074	85949.59	41.4	26658.37	469464	1024.7880 ng/ml
Etizolam	5.813	4137016	6458.10	25.4	15491.08	74227	1096.4936 ng/ml
Fentanyl	5.103	373437	156121.14	71.1	583864.63	178441	101.0493 ng/ml
Flualprazolam	5.705	2426450	1083.36	103.1	38854.70	222597	884.5603 ng/ml
Fluoxetine	5.700	1306356	26178.63	8.9	188.79	57837	1026.4205 ng/ml
Hydrocodone	3.012	4533409	386.88	38.3	356.27	667415	867.6461 ng/ml
Hydromorphone	1.601	3950205	5124954.37	75.9	4800248.06	12445	939.9257 ng/ml
Ketamine	4.051	9704380	57367.61	36.8	1494.07	517706	922.8893 ng/ml
Lamotrigine	4.280	499874	2166.27	78.6	2429.75	517706	556.8920 ng/ml*
Levetiracetam	2.683	3660775	44673.09	167.4	20162.54	829379	1102.4239 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1619263	27261.69	55.7	7840.92	74227	306.8382 ng/ml*
MDA	3.189	6633294	33238.08	23.1	7857.83	247786	744.1456 ng/ml*
MDMA	3.290	7881273	138807.99	77.8	3228.50	75719	1002.5279 ng/ml
Meprobamate	4.911	1651814	39184.39	27.0	8330.48	212227	381.4693 ng/ml*
Methadone	5.646	8613389	1203.72	45.3	38768.05	370046	1028.7438 ng/ml
Methamphetamine	3.224	12311803	8177.00	37.0	28949.52	674664	773.0138 ng/ml*
Metoprolol	4.326	1840564	7305.27	93.3	14029.64	1099101	800.8086 ng/ml
Mirtazapine	4.624	10811784	537984.44	47.3	181242.73	504788	1053.0733 ng/ml
Mitragynine	5.230	1046919	4671.05	39.0	1696.67	370046	901.9328 ng/ml*
Morphine	1.240	600926	∞	28.9	5641.14	7868	906.6626 ng/ml
Norbuprenorphine	4.986	16092	1303.74	96.7	15700.28	7485	108.2208 ng/ml
Nordiazepam	5.900	3315464	49920.95	57.4	2928.09	122824	928.7636 ng/ml
Norfentanyl	4.079	2090052	68369.25	34.0	1046.04	670296	124.6559 ng/ml*
Norhydrocodone	3.059	587041	199.58	41.9	177.11	45806	1149.9506 ng/ml
Noroxycodone	2.903	3171395	2044.34	43.8	6879.63	118312	946.3144 ng/ml
O-desmethyl-tramadol	3.369	20138446	362188.11	7.2	36730.95	1303543	923.2755 ng/ml
Oxazepam	5.749	2174635	26598.54	72.7	6381.55	100672	899.3766 ng/ml
Oxycodone	2.827	11027237	1532.52	26.2	932.42	527072	947.1049 ng/ml
Oxymorphone	1.391	4229829	284.75	42.2	706.43	158607	982.7483 ng/ml
Phentermine	3.783	3073471	∞	4.3	143.22	555134	711.5207 ng/ml*
Promethazine	5.532	6324844	67312.22	27.4	1753.94	253667	1055.6148 ng/ml
Pseudoephedrine	2.596	19179546	125385.71	16.2	35722.03	829379	1000.3769 ng/ml
Quetiapine	5.555	6925299	163131.48	57.7	73504.80	95567	1053.1124 ng/ml
Sertraline	5.769	687375	322.56	97.2	789.71	33025	999.9945 ng/ml
Temazepam	5.830	6799052	152305.36	28.2	74979.95	291957	1087.1100 ng/ml
Tramadol	4.239	17554653	659.58	3.8	389.71	1099101	830.0190 ng/ml
Trazodone	5.169	7870024	337198.75	81.1	1504.56	351597	937.8225 ng/ml
Venlafaxine	5.037	17260644	352837.12	39.7	1146.84	850785	1006.9699 ng/ml
Zolpidem	4.928	20685309	8185.26	31.5	1478.44	1336438	803.5486 ng/ml

*Not included in curve.

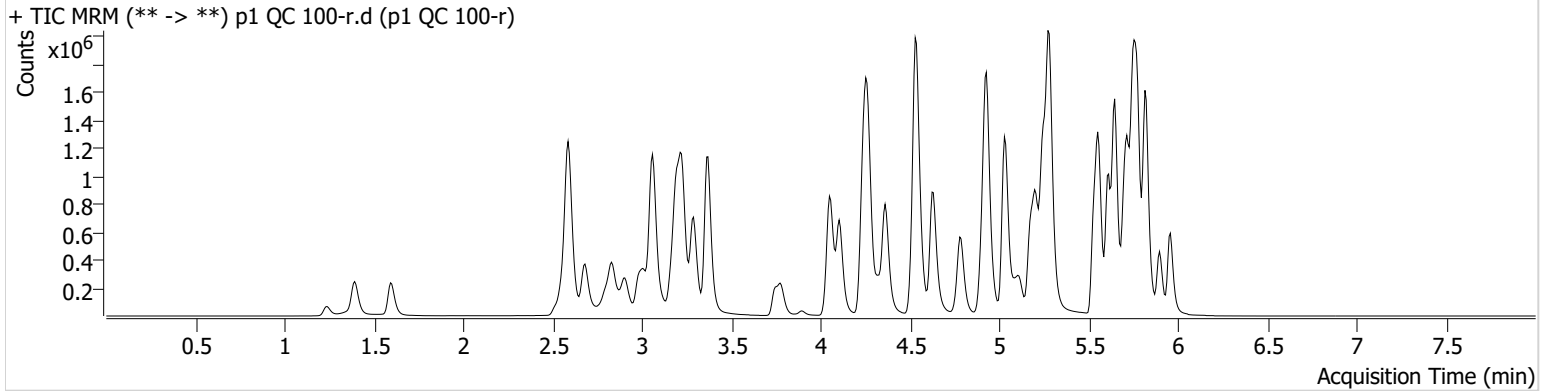
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 7:33:54 AM

Instrument Type	Instrument 1 QC	Data File	p1 QC 100-r.d	Used for bracketing reinjection sample(s).
Acq. Method	AM 28 MDQ P1.m	Sample Operator	p1 QC 100-r Celena Shrum	
Sample Position	P2-G11	Comment		Values will not be used for uncertainty budgets.
Injection Volume	2			
Acq. Date-Time	3/29/2021 4:59:54 PM			
Sample Info.				

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	22958	578.57	71.6	15880.92	54765	10.5501 ng/ml
7-aminoclonazepam	4.271	350120	7650.16	79.7	2688.47	122295	97.8843 ng/ml
a-hydroxyalprazolam	5.699	251259	340.03	58.0	1386.04	109393	94.1474 ng/ml
alpha-PHP	4.930	279347	1695.99	267.4	32535.39	443963	121.8397 ng/ml
alpha-PVP	4.363	1031775	2311.90	52.8	638.09	443963	102.2941 ng/ml
Alprazolam	5.775	808285	∞	117.0	10893.05	284245	99.6002 ng/ml
Amphetamine	3.063	2129804	82011.16	49.4	991.72	231658	105.6362 ng/ml
Benzoylecgonine	3.892	33605	841.36	8.1	1676.80	10804	111.3438 ng/ml
Buprenorphine	5.873	25499	889.19	15.6	6723.27	82162	9.5411 ng/ml
Bupropion	4.788	823564	627.11	60.9	2180.48	277106	106.3201 ng/ml
Carisoprodol	5.724	797952	907.22	52.2	845.23	361086	106.7421 ng/ml
Citalopram	5.205	857855	550.08	43.5	703821.95	370243	103.7409 ng/ml
Clonazepam	5.612	959110	6775.26	32.2	16829.80	109148	109.1792 ng/ml
Clonazepam	5.549	623140	61898.96	36.8	8695.87	109148	105.1079 ng/ml
Cocaine	4.257	928906	925.94	51.9	7910.29	825868	104.0207 ng/ml
Codeine	2.573	116035	1754.16	102.8	9409.73	54794	117.0033 ng/ml
Cyclobenzaprine	5.615	548717	366.52	8.6	506.37	208868	103.8604 ng/ml
Dextromethorphan	5.255	531152	292.94	79.1	17950.00	237650	103.9161 ng/ml
Dextrophan	4.105	363371	14058.38	205.0	1527.94	412449	106.3773 ng/ml
Diazepam	5.960	552008	5123.07	86.3	10266.36	240323	109.1146 ng/ml
Dihydrocodeine	2.552	301604	2569.97	63.8	989.67	164327	116.7368 ng/ml
Diphenhydramine	5.282	2261349	4545.60	33.1	447.64	1282775	104.4461 ng/ml
Doxylamine	4.536	2523478	9486.05	97.8	145497.69	1010023	110.5348 ng/ml
EDDP	5.248	889218	10177.42	42.3	519.52	440876	102.7515 ng/ml
Etizolam	5.813	467178	3532.55	25.8	6256.84	109148	85.7495 ng/ml
Fentanyl	5.103	75864	5751.53	69.7	2589.47	346150	10.5293 ng/ml
Flualprazolam	5.705	388756	12215.33	94.3	2464.82	284245	110.4441 ng/ml
Fluoxetine	5.700	431051	2391.60	8.8	18768.30	169739	109.6726 ng/ml
Hydrocodone	3.012	455430	350.27	37.4	295.90	530049	109.1006 ng/ml
Hydromorphone	1.595	390158	4205.97	75.8	733635.73	10402	110.5164 ng/ml
Ketamine	4.051	830064	17837.86	38.3	6904.50	383164	106.2570 ng/ml
Lamotrigine	4.280	75487	1982.48	79.9	4705.64	383164	113.2769 ng/ml
Levetiracetam	2.683	352421	2824.85	165.0	3870.55	975607	92.1446 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	829075	9126.03	56.9	1866.50	109148	106.6042 ng/ml
MDA	3.196	1484069	3216.65	25.0	1841.07	385826	106.2899 ng/ml
MDMA	3.290	935555	6936.74	79.0	6722.93	83273	108.1216 ng/ml
Meprobamate	4.917	443765	572.99	26.5	28386.71	209958	102.9421 ng/ml
Methadone	5.646	1651430	1885.67	45.9	15921.41	694340	105.1543 ng/ml
Methamphetamine	3.231	1646342	1493.34	38.4	1302.64	597900	115.2789 ng/ml
Metoprolol	4.326	225700	5562.45	89.8	14866.86	935154	114.9370 ng/ml
Mirtazapine	4.631	1544547	2925.04	48.1	5297.48	443963	172.5369 ng/ml
Mitragynine	5.230	257552	1776.29	39.7	121615.88	694340	119.1239 ng/ml
Morphine	1.240	56885	1244.29	27.6	380.23	6805	99.1790 ng/ml
Norbuprenorphine	4.979	3292	13093.63	90.1	489.62	14270	11.0222 ng/ml
Nordiazepam	5.900	483976	6193.01	57.9	988.80	148647	111.4131 ng/ml
Norfentanyl	4.079	201095	1052457.07	34.2	174.71	836817	9.6434 ng/ml
Norhydrocodone	3.060	68369	227.53	40.4	69.67	62461	98.4085 ng/ml
Noroxycodone	2.903	516928	6507.91	41.8	620.57	167562	108.7132 ng/ml
O-desmethyl-tramadol	3.369	1775680	4541.32	6.9	595.94	1033694	102.7649 ng/ml
Oxazepam	5.756	986056	5060.53	72.9	2610.42	366830	111.6814 ng/ml
Oxycodone	2.827	900751	2218.49	26.8	4093.50	368324	110.1964 ng/ml
Oxymorphone	1.391	449946	∞	41.0	703.54	154943	106.7589 ng/ml
Phentermine	3.783	453723	4389.10	4.8	114.98	507466	114.0611 ng/ml
Promethazine	5.532	972745	644.10	28.4	628.27	398529	102.9161 ng/ml
Pseudoephedrine	2.596	2144937	22296.67	16.7	11611.98	975607	97.4100 ng/ml
Quetiapine	5.555	980660	37240.36	59.6	1252218.65	131669	106.4372 ng/ml
Sertraline	5.776	165176	528.80	98.2	7551.78	78574	99.7208 ng/ml
Temazepam	5.823	1586805	43499.35	28.6	322.09	704356	105.4576 ng/ml
Tramadol	4.239	2015362	70727.74	3.6	243.00	935154	111.6264 ng/ml
Trazodone	5.176	1008359	138810.02	78.6	441189.72	412502	102.3089 ng/ml
Venlafaxine	5.030	1776327	1159.40	39.8	901.58	834525	105.8858 ng/ml
Zolpidem	4.928	2060632	12089.97	30.9	1493.20	946310	112.5130 ng/ml

AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 7:33:54 AM

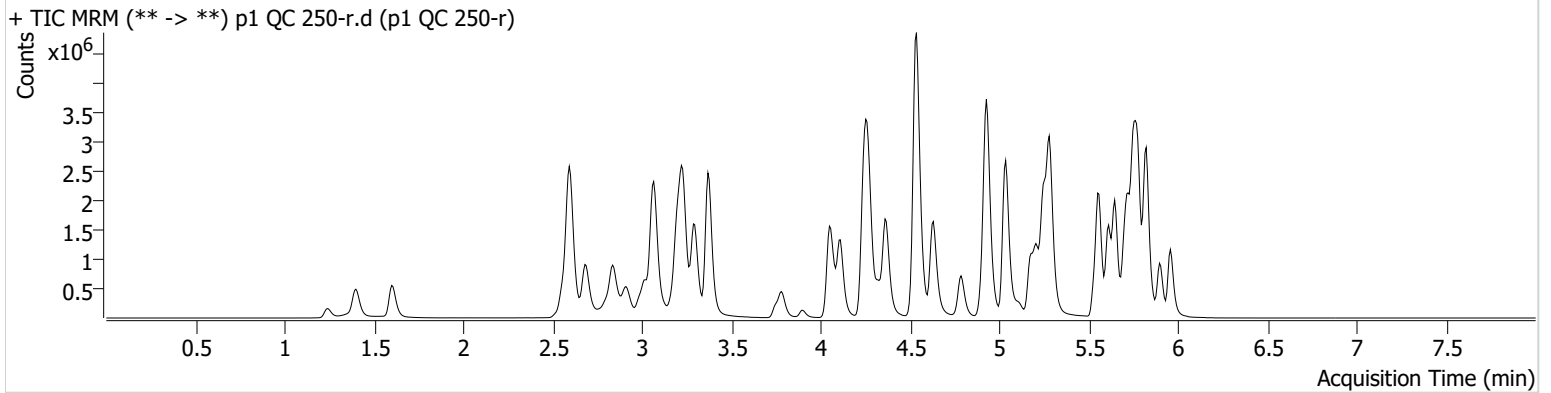
Instrument Instrument 1
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F11
Injection Volume 2
Acq. Date-Time 3/29/2021 4:17:25 PM
Sample Info.

Data File p1 QC 250-r.d
Sample p1 QC 250-r
Operator Celena Shrum
Comment

Used for bracketing reinjection sample(s).

Values will not be used for uncertainty budgets.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	59015	1044.51	74.9	914.27	61927	23.9905 ng/ml
7-aminoclonazepam	4.271	690161	11971.30	81.6	8385.74	101548	231.7370 ng/ml
a-hydroxyalprazolam	5.692	485427	1308.94	59.8	1185.12	130145	153.6146 ng/ml
alpha-PHP	4.930	568336	2143.34	264.9	2291.42	463293	237.2933 ng/ml
alpha-PVP	4.370	2467154	48655.35	52.7	15160.27	463293	234.0707 ng/ml
Alprazolam	5.775	1842414	7808.21	115.0	∞	269408	239.2762 ng/ml
Amphetamine	3.069	4540190	1248.63	48.9	33780.15	228040	230.4403 ng/ml
Benzoylecgonine	3.899	146949	23986.72	7.6	590.80	12388	422.2686 ng/ml
Buprenorphine	5.867	38943	1926.21	15.4	11512.19	53605	22.1136 ng/ml
Bupropion	4.788	1082234	42510.56	61.5	1571.64	173161	223.1617 ng/ml
Carisoprodol	5.730	1671864	63352.70	53.4	∞	333414	241.9418 ng/ml
Citalopram	5.212	1453803	69014.95	43.2	8618.07	272092	238.8682 ng/ml
Clonazepam	5.612	2089189	6986.90	32.6	38846.03	102172	254.7225 ng/ml
Clonazepam	5.548	1404210	170883.87	37.8	289155.23	102172	254.0446 ng/ml
Cocaine	4.257	2227394	1645.61	51.6	475.79	846851	243.1434 ng/ml
Codeine	2.580	252375	235.69	105.0	185.92	58675	238.6013 ng/ml
Cyclobenzaprine	5.615	453382	548.46	8.8	343.23	72557	248.0643 ng/ml
Dextromethorphan	5.255	730449	201.75	79.2	9862.57	142782	237.6733 ng/ml
Dextrophan	4.111	864542	2046.72	205.6	15493.06	416633	250.6262 ng/ml
Diazepam	5.960	1214200	550.41	88.4	15379.83	231058	249.8375 ng/ml
Dihydrocodeine	2.552	749163	217.50	63.1	350.99	183987	259.9462 ng/ml
Diphenhydramine	5.282	3978552	52199.66	32.7	1008.10	979484	240.4713 ng/ml
Doxylamine	4.536	6565453	3639.24	96.1	784141.47	1086187	267.6839 ng/ml
EDDP	5.248	2257130	804.49	42.0	17648.49	483860	237.3240 ng/ml
Etizolam	5.813	1084894	9693.22	25.1	577182.39	102172	210.2522 ng/ml
Fentanyl	5.103	80771	392.10	72.0	135890.55	162510	23.9534 ng/ml
Flualprazolam	5.705	863554	29457.16	98.3	128493.62	269408	259.6726 ng/ml
Fluoxetine	5.700	264599	1768.14	9.0	91036.47	44958	262.6801 ng/ml
Hydrocodone	3.018	1075824	1996.01	39.3	409.46	569125	240.9213 ng/ml
Hydromorphone	1.601	941062	11265.45	75.9	5221.15	11385	244.2985 ng/ml
Ketamine	4.051	2193857	885.90	37.8	∞	437301	246.6659 ng/ml
Lamotrigine	4.280	148535	1910.65	81.6	2749.06	437301	195.6184 ng/ml
Levetiracetam	2.683	893837	1506.17	166.9	26109.09	1029675	218.4953 ng/ml

AM #28 Multi-Drug Quant. Results

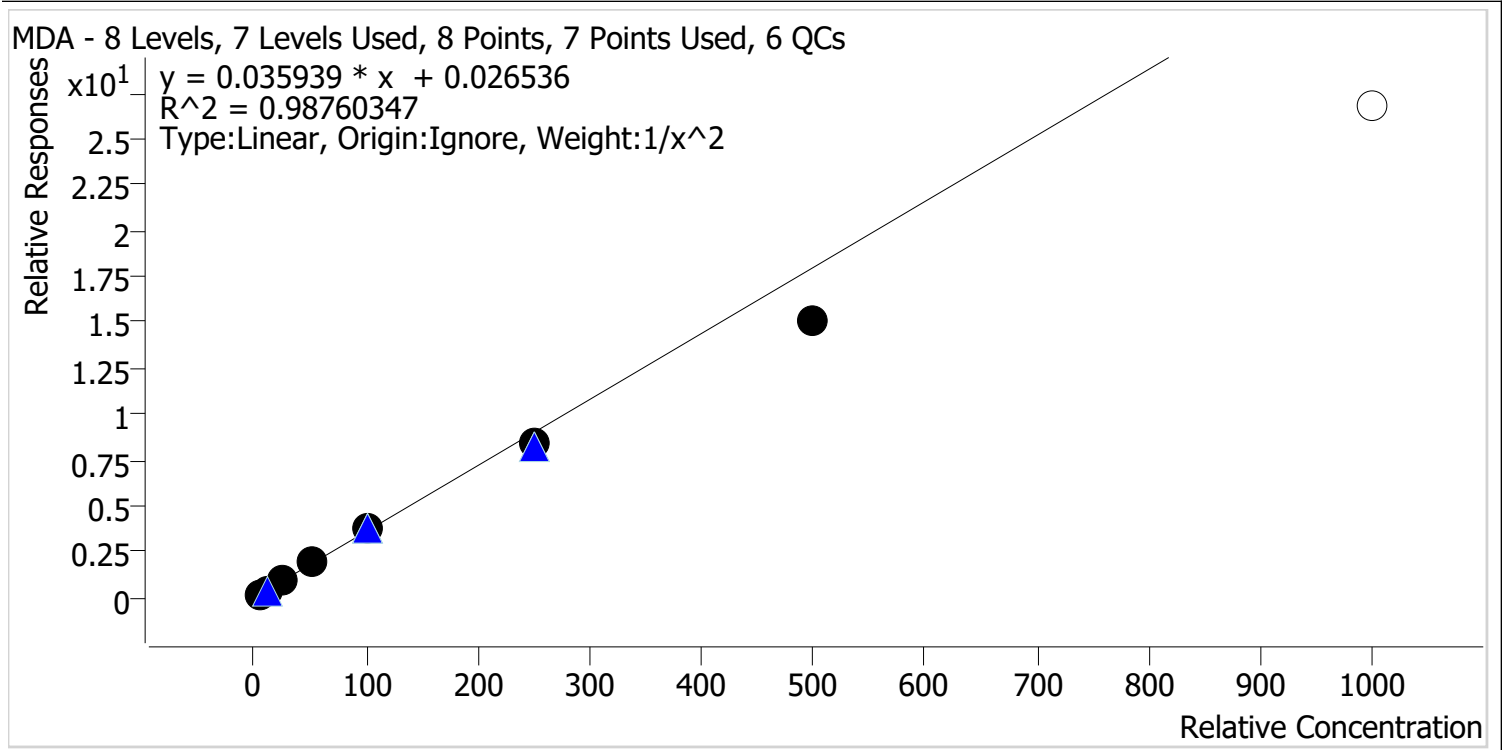


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1421148	23003.52	55.1	789.35	102172	195.5114 ng/ml
MDA	3.203	2961690	2380.33	24.4	975.30	360224	228.0337 ng/ml
MDMA	3.296	2221759	205137.76	78.5	9725.37	88306	242.2554 ng/ml
Meprobamate	4.917	908310	30094.81	27.1	13093.54	212200	209.3913 ng/ml
Methadone	5.646	2345424	1445.94	45.6	1933.97	434035	238.8590 ng/ml
Methamphetamine	3.231	3956893	2393.25	38.2	3377.15	673126	247.9210 ng/ml
Metoprolol	4.326	549550	982132.55	88.3	23302.24	1016962	258.0365 ng/ml
Mirtazapine	4.631	2842959	21445.80	47.7	57652.19	463293	302.9732 ng/ml
Mitragynine	5.230	310846	24911.48	40.5	709.01	434035	229.0655 ng/ml
Morphine	1.240	141316	443.90	28.5	465.27	7343	228.4216 ng/ml
Norbuprenorphine	4.986	5000	655.36	99.7	36.62	10253	24.0366 ng/ml
Nordiazepam	5.900	1127080	70401.05	58.0	5768.54	156531	247.2322 ng/ml
Norfentanyl	4.079	484510	1268.09	34.4	697.98	815120	23.7949 ng/ml
Norhydrocodone	3.066	137962	212.56	41.8	603.84	53711	230.6457 ng/ml
Noroxycodone	2.909	1129451	543.79	41.7	2036.60	162826	244.7171 ng/ml
O-desmethyl-tramadol	3.369	4800359	254852.29	6.7	6719.97	1171026	245.0705 ng/ml
Oxazepam	5.756	1865482	15602.61	75.7	18931.63	309934	250.4074 ng/ml
Oxycodone	2.834	2337570	4049.78	26.7	944.33	411849	256.5161 ng/ml
Oxymorphone	1.398	1047206	∞	41.9	∞	160674	239.9608 ng/ml
Phentermine	3.783	1042547	2988.02	4.8	1215.39	548679	243.5320 ng/ml
Promethazine	5.532	893008	20544.48	28.3	306.98	160318	235.4638 ng/ml
Pseudoephedrine	2.596	5400342	49326.23	16.1	119536.62	1029675	228.8485 ng/ml
Quetiapine	5.555	1693169	137290.67	58.5	27512.41	98758	247.6243 ng/ml
Sertraline	5.776	115452	3708.30	97.1	265742.45	23773	232.2322 ng/ml
Temazepam	5.823	3366813	47856.08	28.4	1266.50	638355	246.4570 ng/ml
Tramadol	4.246	5070795	∞	3.6	394.82	1016962	258.8281 ng/ml
Trazodone	5.176	1551197	401.10	79.6	115774.11	279279	232.6189 ng/ml
Venlafaxine	5.037	4344984	1943.78	39.3	1442.63	879259	245.4740 ng/ml
Zolpidem	4.928	5022714	316674.07	30.4	48551.15	1004632	259.1333 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5



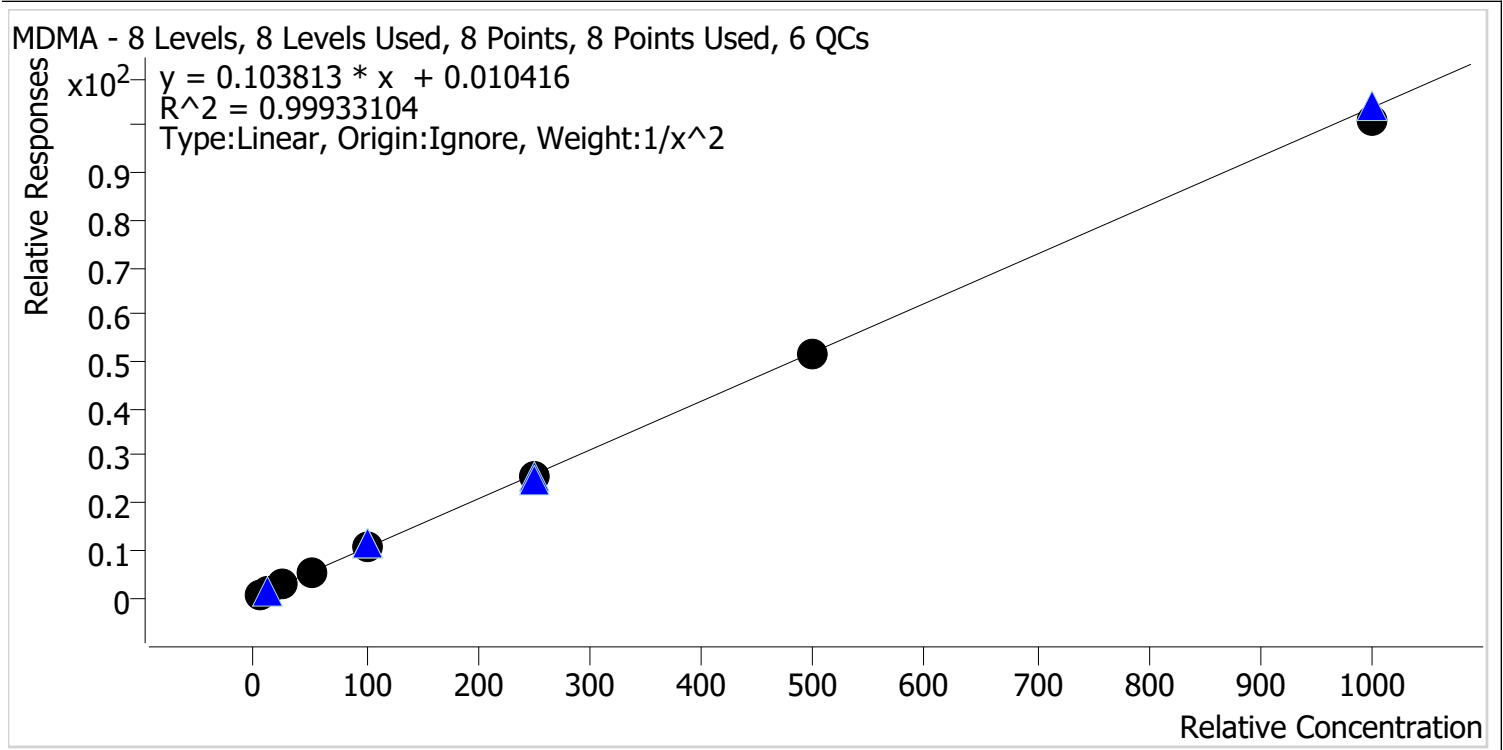
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng	4	✓	50.0	55.9	111.8
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	235.0	94.0
p1 Cal 7-500ng	7	✓	500.0	418.6	83.7
p1 Cal 8-1000ng	8	x	1000.0	743.9	74.4

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6



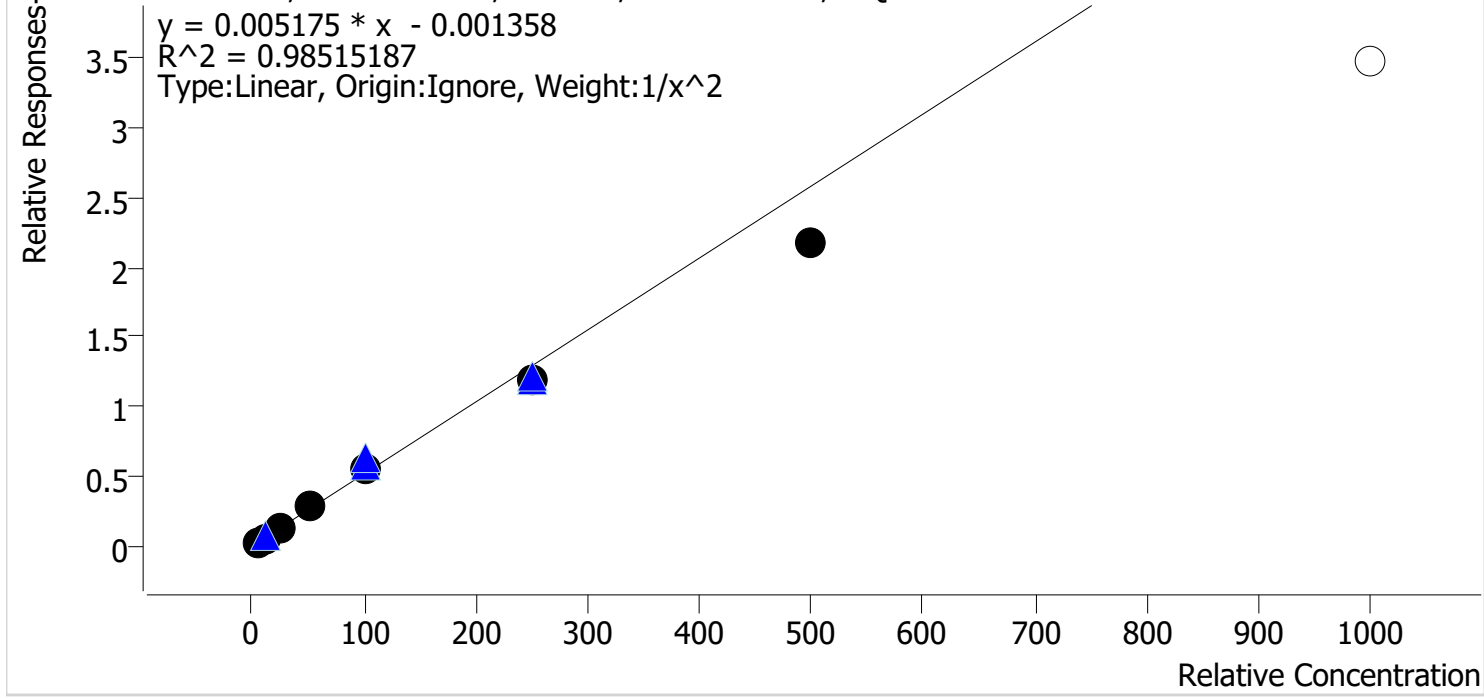
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	498.0	99.6
p1 Cal 8-1000ng	8	✓	1000.0	977.0	97.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

alpha-PHP - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 6 QCs



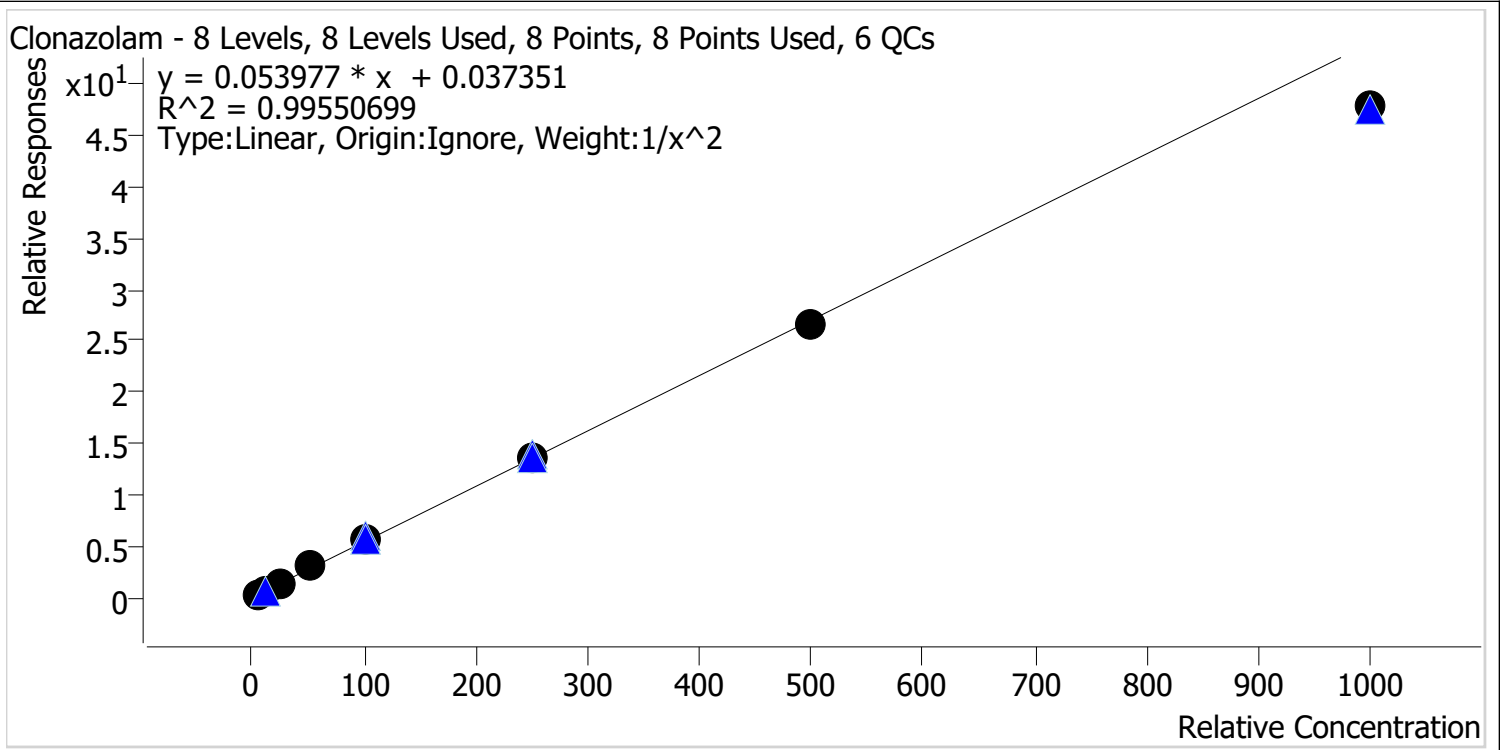
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.7	93.2
p1 Cal 2-10ng	2	✓	10.0	10.9	109.3
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	55.8	111.6
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	228.8	91.5
p1 Cal 7-500ng	7	✓	500.0	420.3	84.1
p1 Cal 8-1000ng	8	x	1000.0	671.5	67.1

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
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Last Cal. Update 4/2/2021 9:30 AM
Analyst Name ISP\Datastor
Analyte Clonazepam Internal Standard Clonazepam-D4

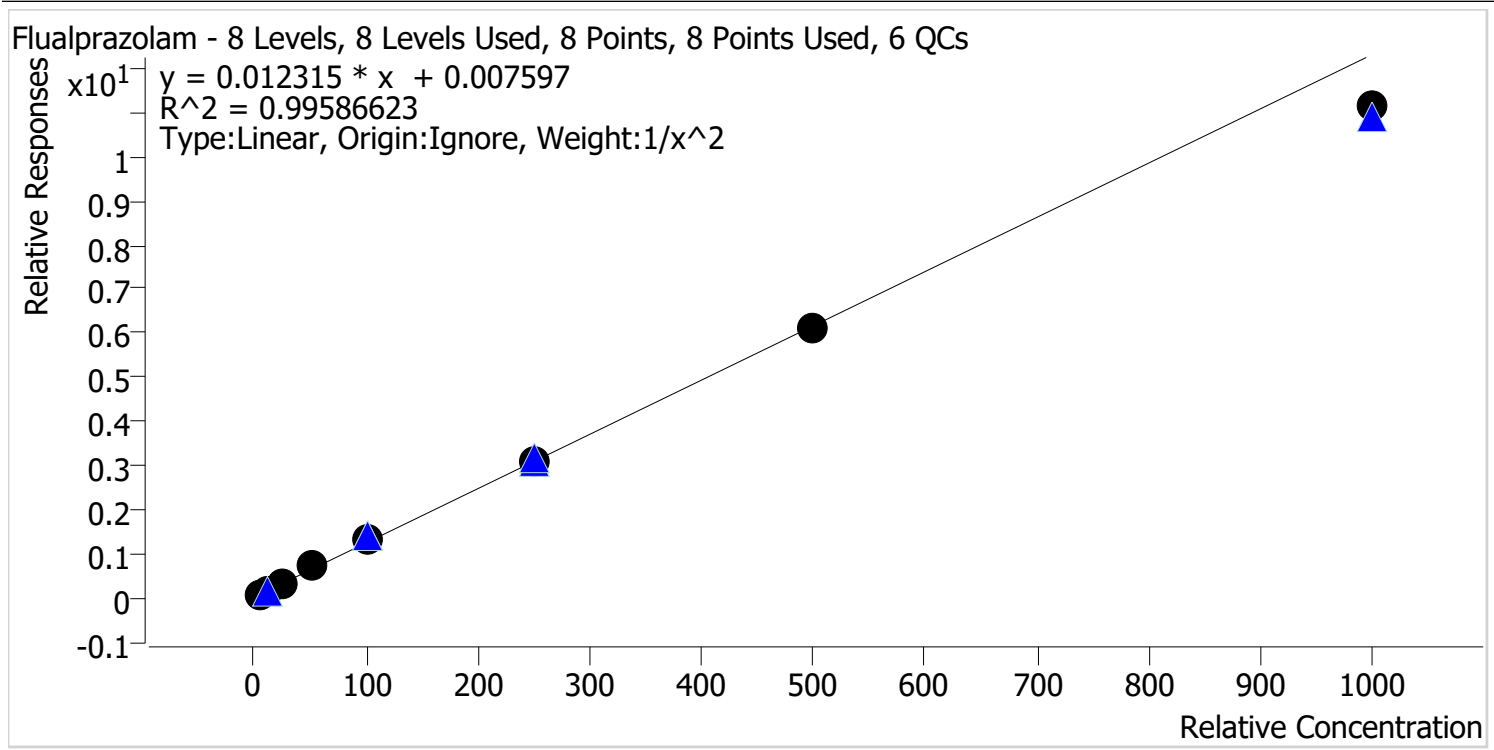


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	494.9	99.0
p1 Cal 8-1000ng	8	✓	1000.0	885.9	88.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

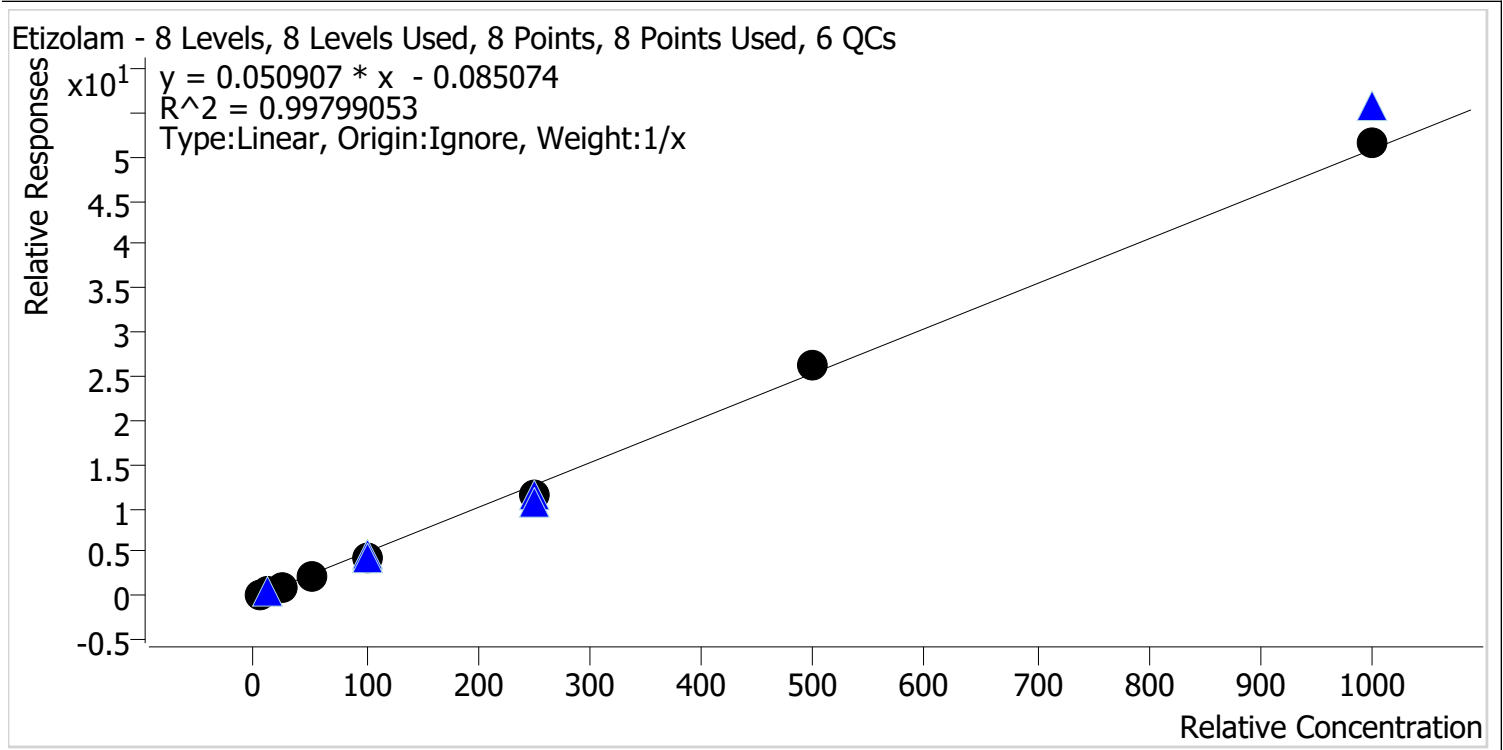


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng	4	✓	50.0	55.2	110.4
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	495.3	99.1
p1 Cal 8-1000ng	8	✓	1000.0	904.8	90.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

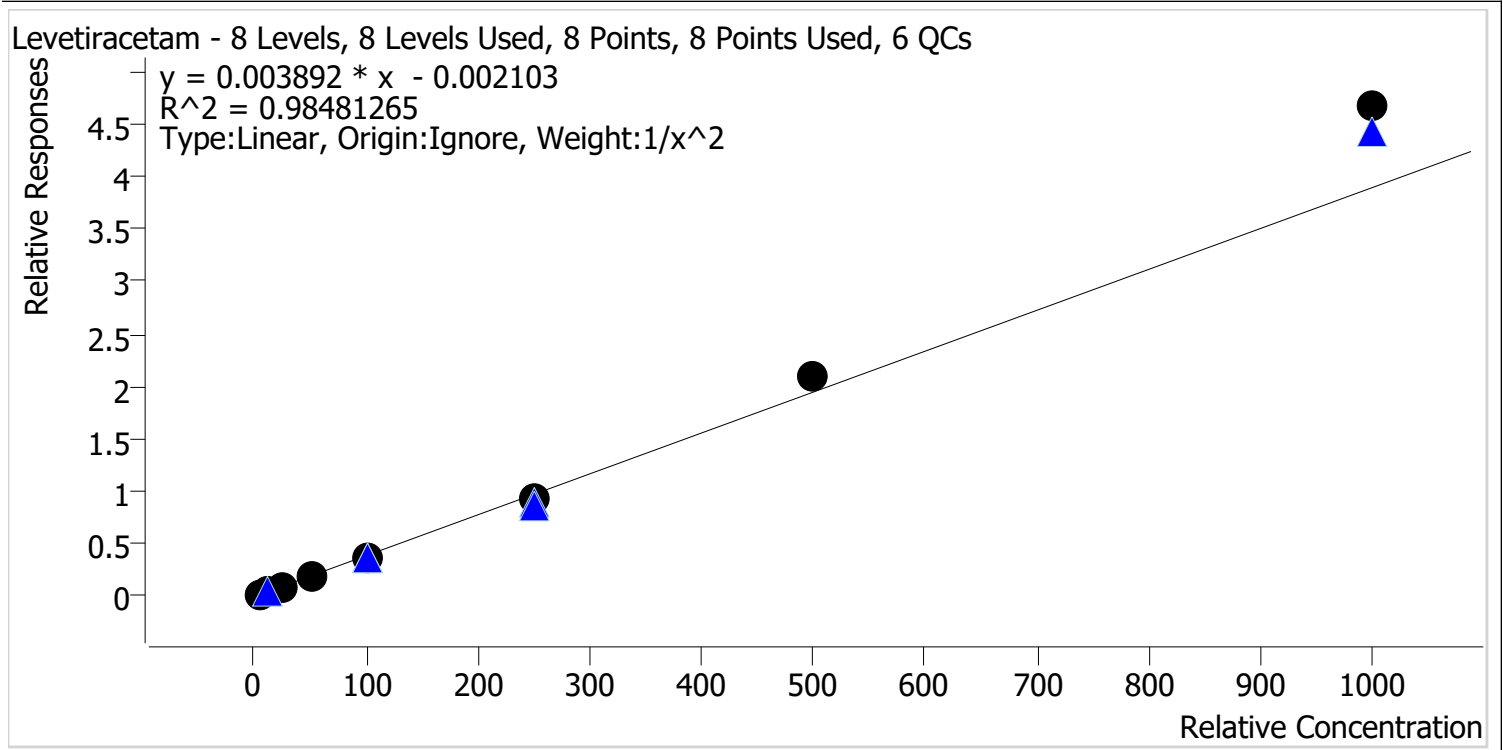


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	6.0	119.6
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	22.7	90.9
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	91.3	91.3
p1 Cal 6-250ng	6	✓	250.0	229.9	92.0
p1 Cal 7-500ng	7	✓	500.0	515.4	103.1
p1 Cal 8-1000ng	8	✓	1000.0	1015.9	101.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 9:54 AM
Analyst Name ISP\Datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

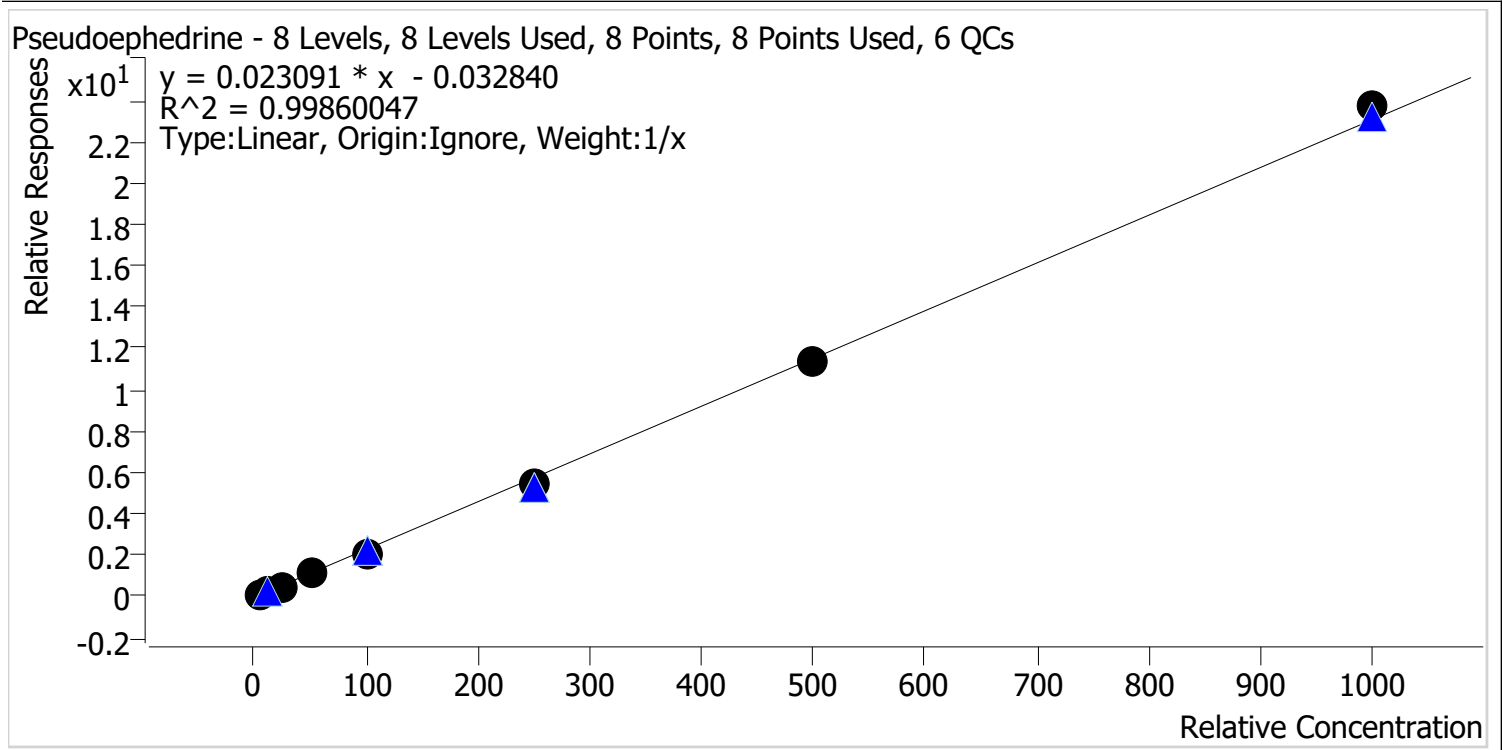


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.4	107.1
p1 Cal 2-10ng	2	✓	10.0	9.2	92.2
p1 Cal 3 -25ng	3	✓	25.0	21.6	86.5
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	92.9	92.9
p1 Cal 6-250ng	6	✓	250.0	240.4	96.1
p1 Cal 7-500ng	7	✓	500.0	537.1	107.4
p1 Cal 8-1000ng	8	✓	1000.0	1199.0	119.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 9:54 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

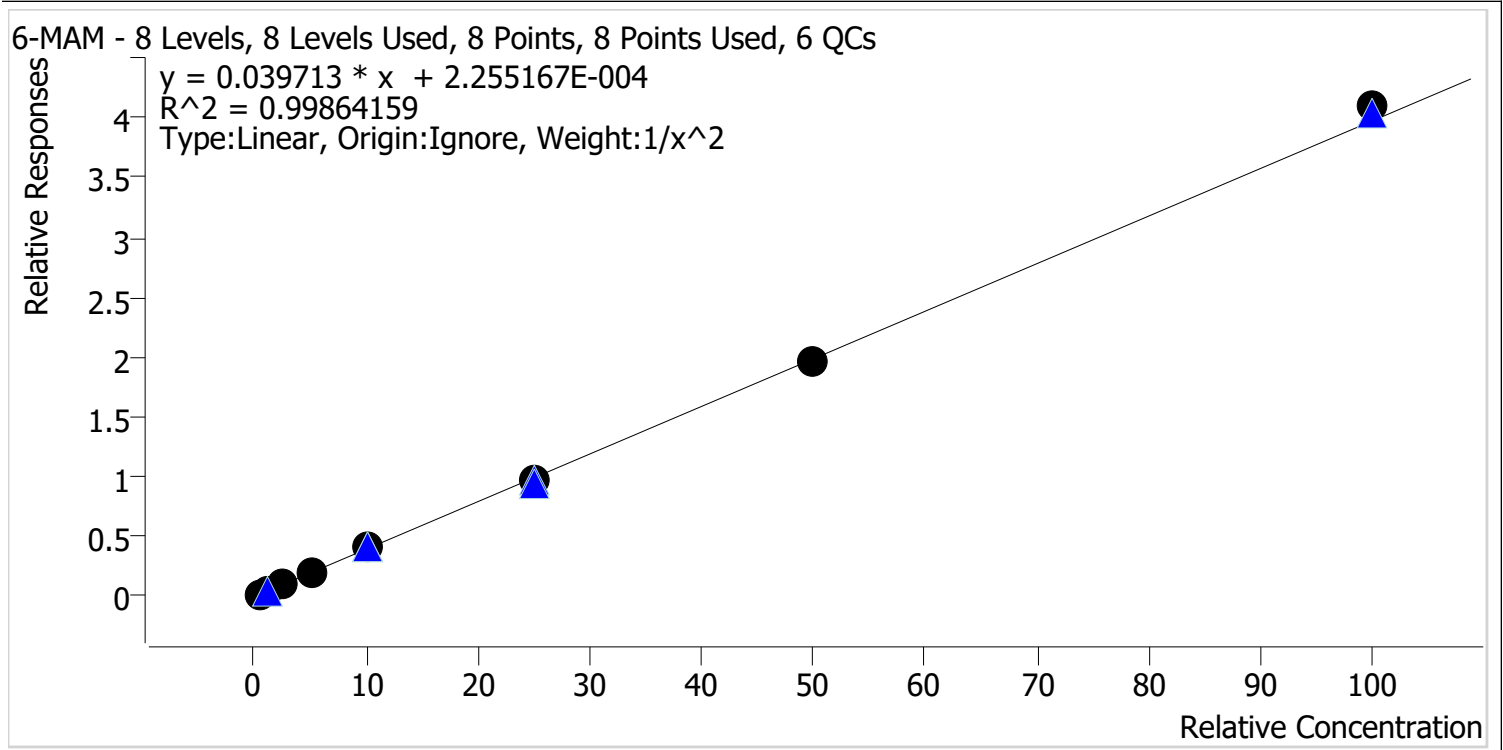


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.9	117.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.2
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	93.8	93.8
p1 Cal 6-250ng	6	✓	250.0	234.5	93.8
p1 Cal 7-500ng	7	✓	500.0	495.0	99.0
p1 Cal 8-1000ng	8	✓	1000.0	1028.3	102.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

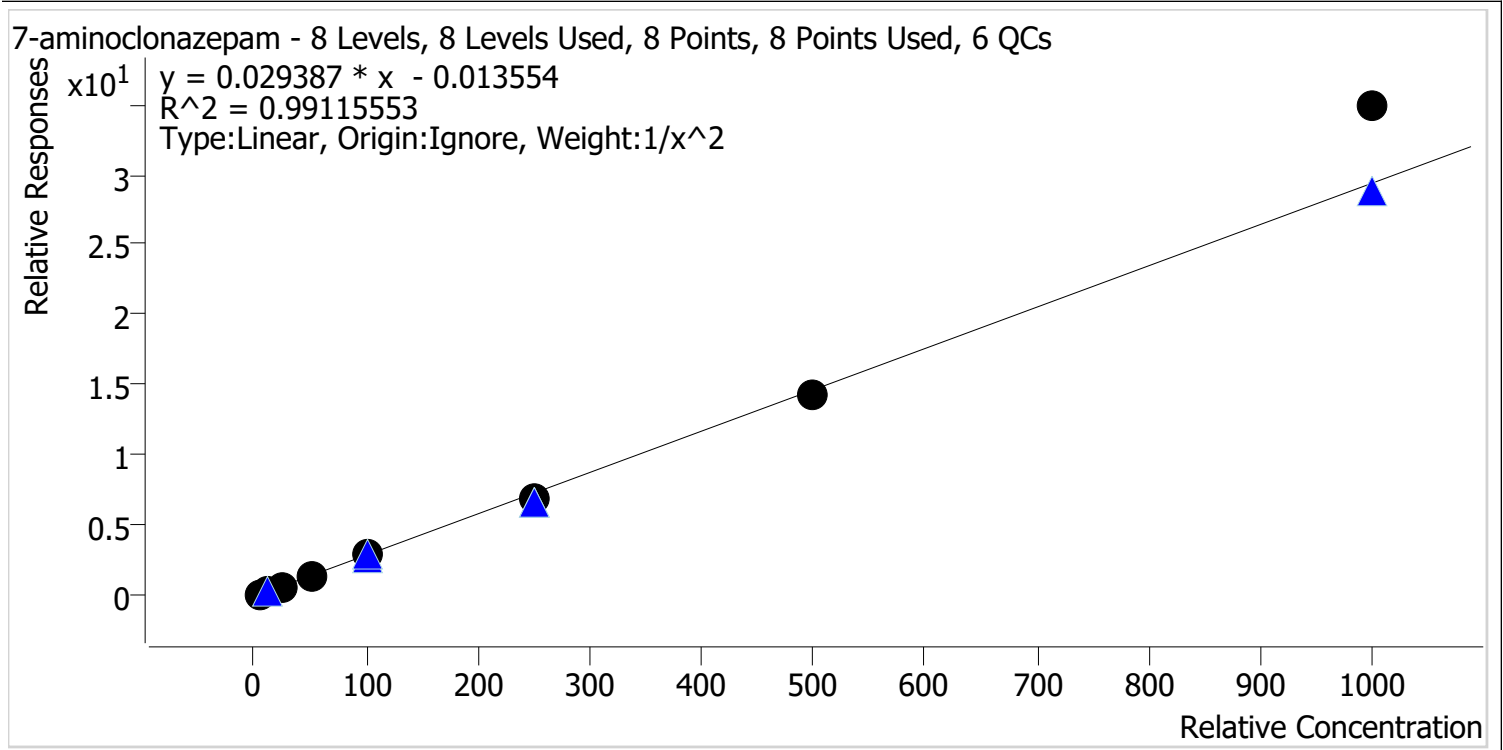


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	0.5	0.5	100.6
p1 Cal 2-10ng	2	✓	1.0	1.0	100.9
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.1
p1 Cal 4-50ng	4	✓	5.0	5.1	102.6
p1 Cal 5-100ng	5	✓	10.0	10.2	102.0
p1 Cal 6-250ng	6	✓	25.0	24.8	99.2
p1 Cal 7-500ng	7	✓	50.0	49.2	98.5
p1 Cal 8-1000ng	8	✓	100.0	103.1	103.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

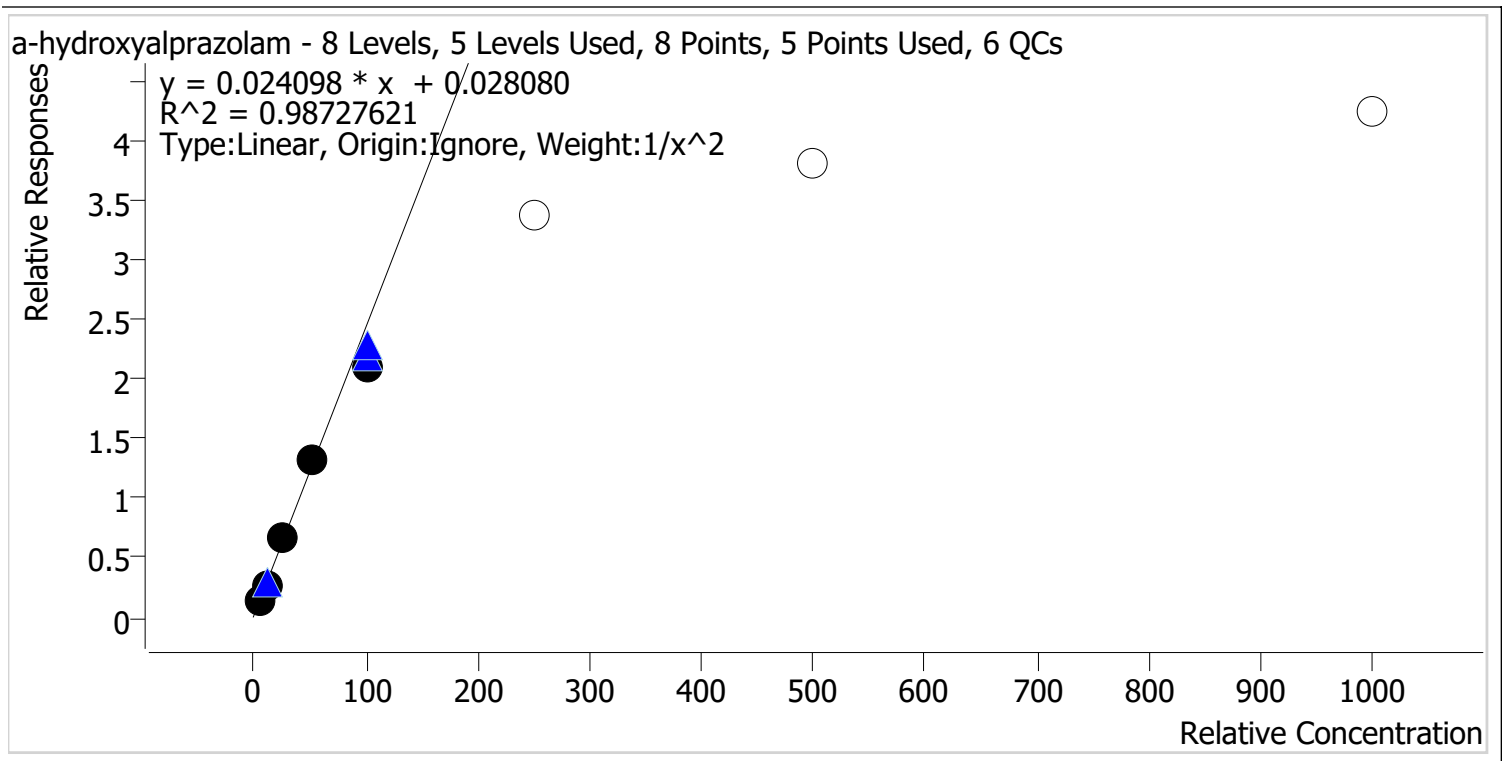


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.4
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	233.2	93.3
p1 Cal 7-500ng	7	✓	500.0	485.1	97.0
p1 Cal 8-1000ng	8	✓	1000.0	1186.0	118.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5



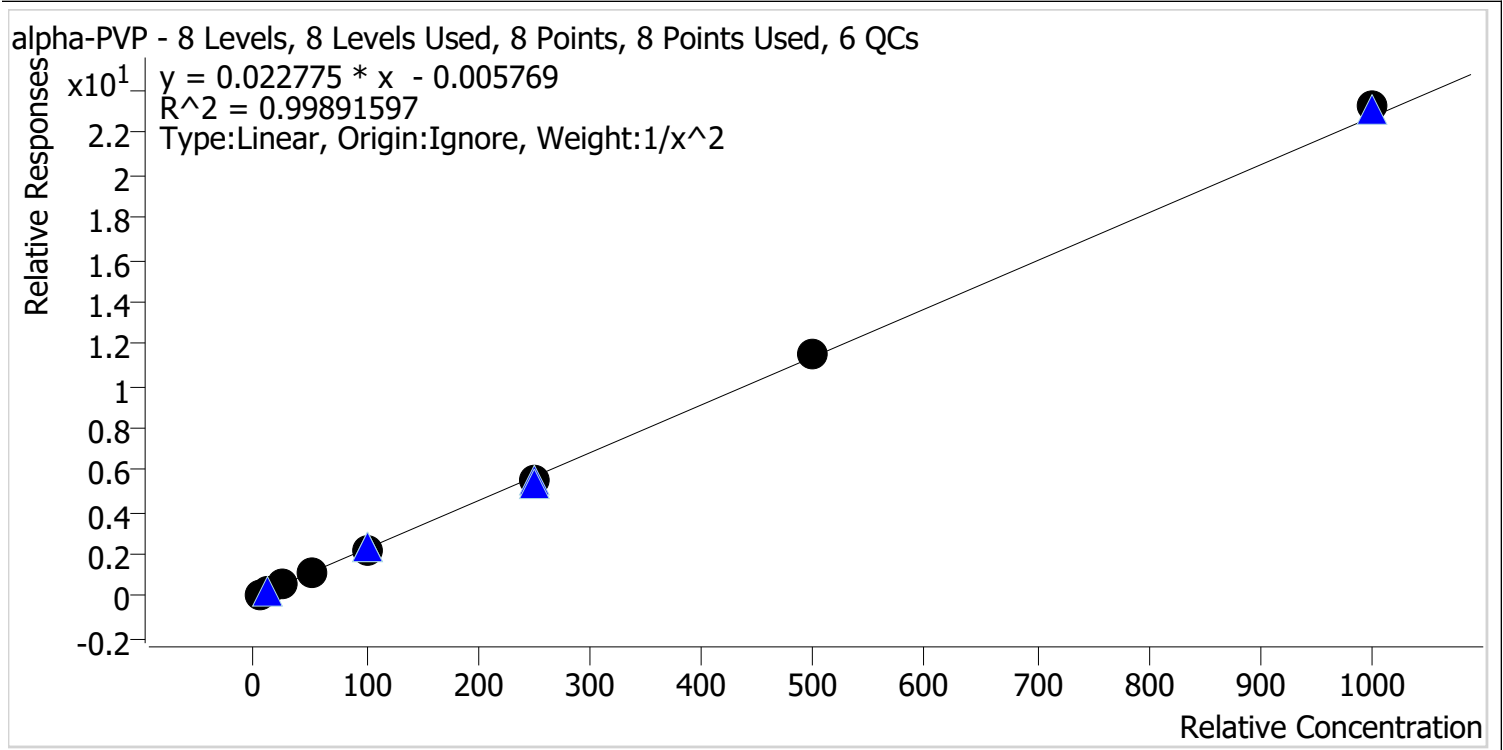
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	86.1	86.1
p1 Cal 6-250ng	6	x	250.0	138.9	55.6
p1 Cal 7-500ng	7	x	500.0	157.0	31.4
p1 Cal 8-1000ng	8	x	1000.0	174.5	17.4

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datator
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

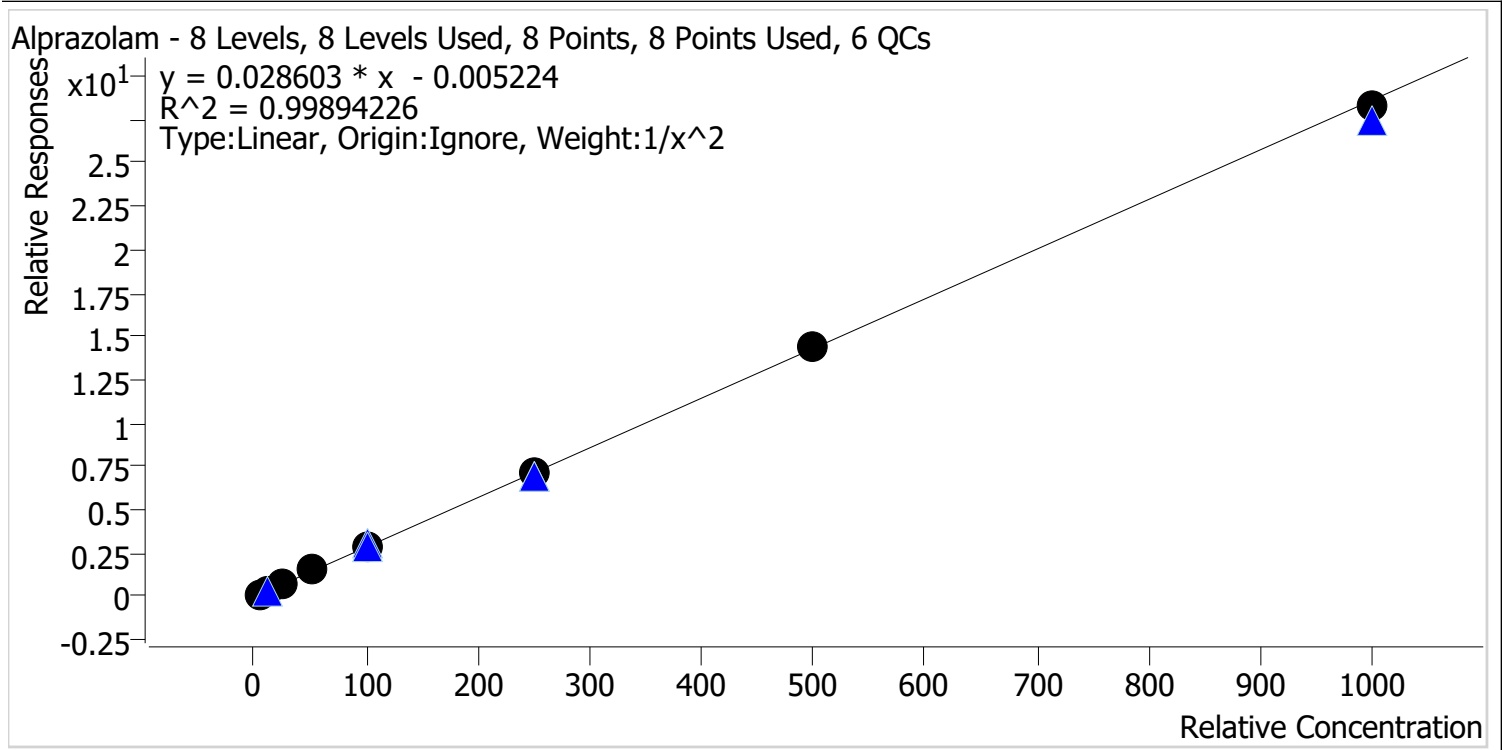


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	51.9	103.9
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1022.2	102.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

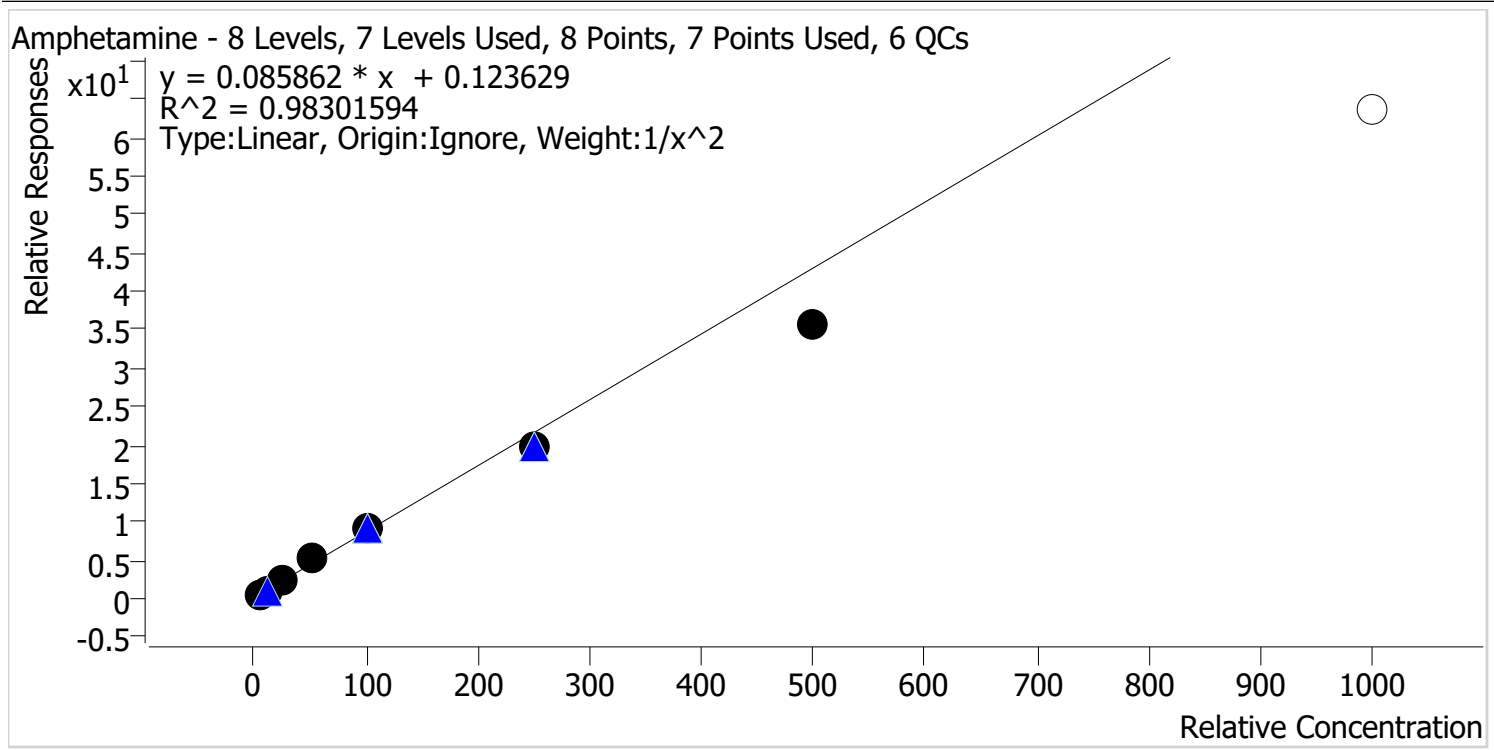


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	505.2	101.0
p1 Cal 8-1000ng	8	✓	1000.0	987.6	98.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



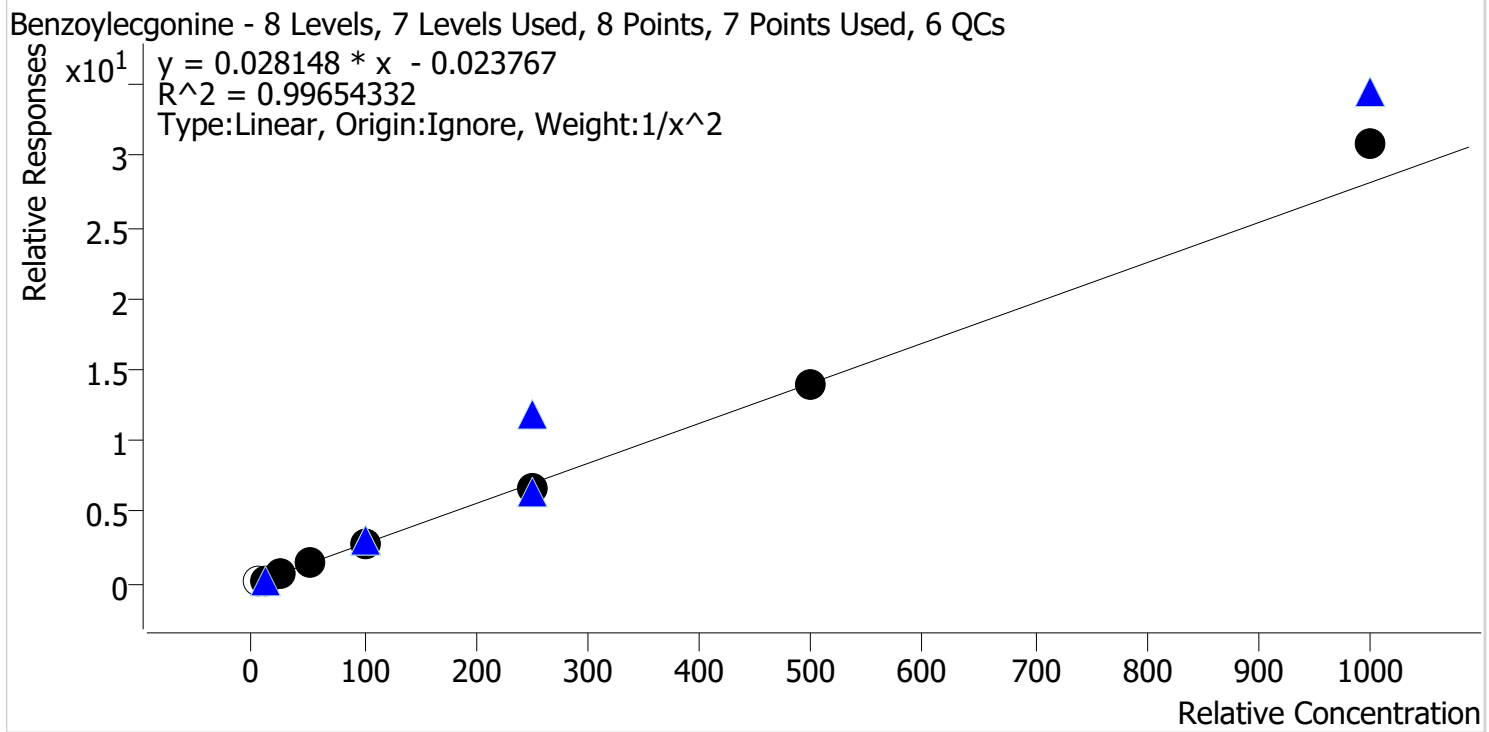
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.7	93.8
p1 Cal 2-10ng	2	✓	10.0	10.7	107.0
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	57.2	114.4
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	227.9	91.2
p1 Cal 7-500ng	7	✓	500.0	412.9	82.6
p1 Cal 8-1000ng	8	x	1000.0	741.3	74.1

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



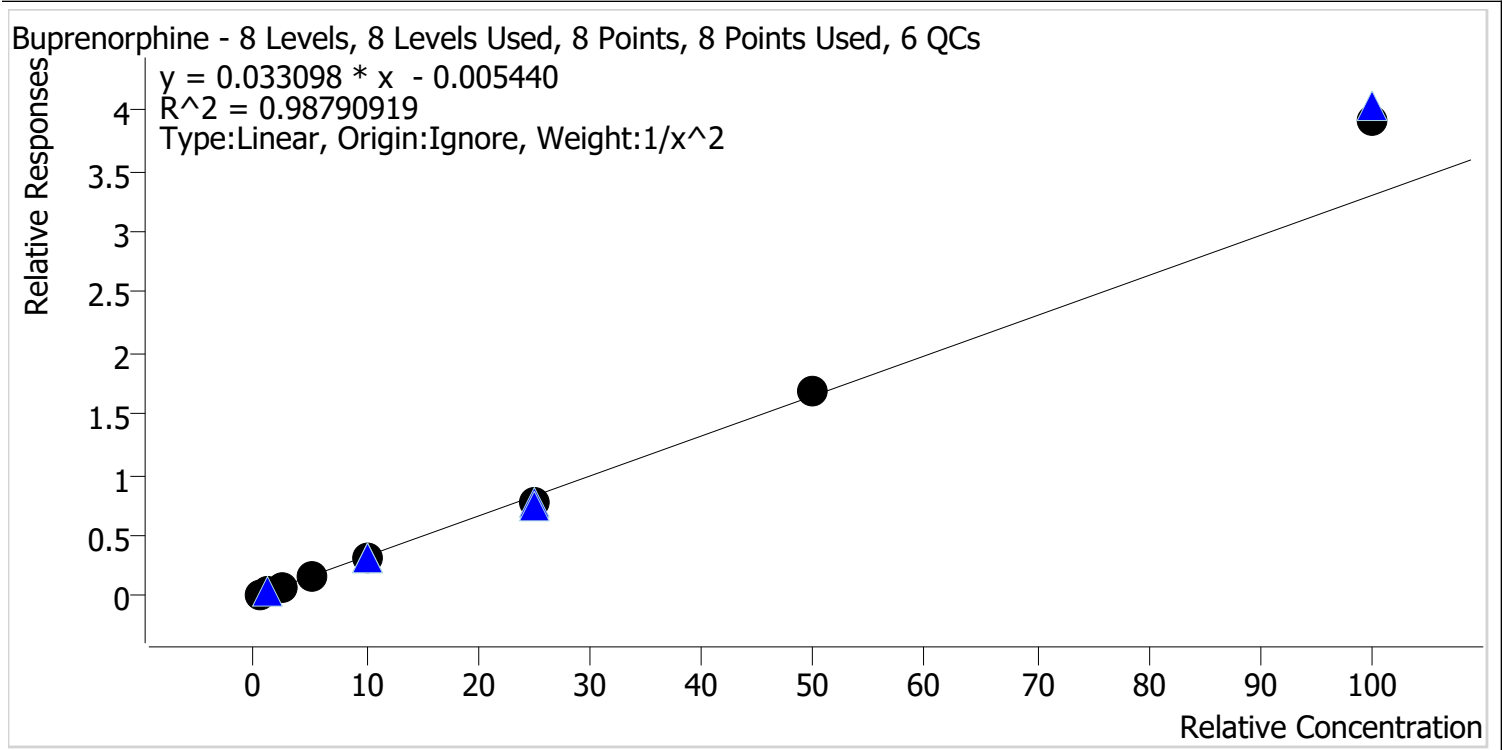
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	x	5.0	8.6	171.9
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	241.6	96.7
p1 Cal 7-500ng	7	✓	500.0	498.8	99.8
p1 Cal 8-1000ng	8	✓	1000.0	1100.2	110.0

Calibrator 1 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

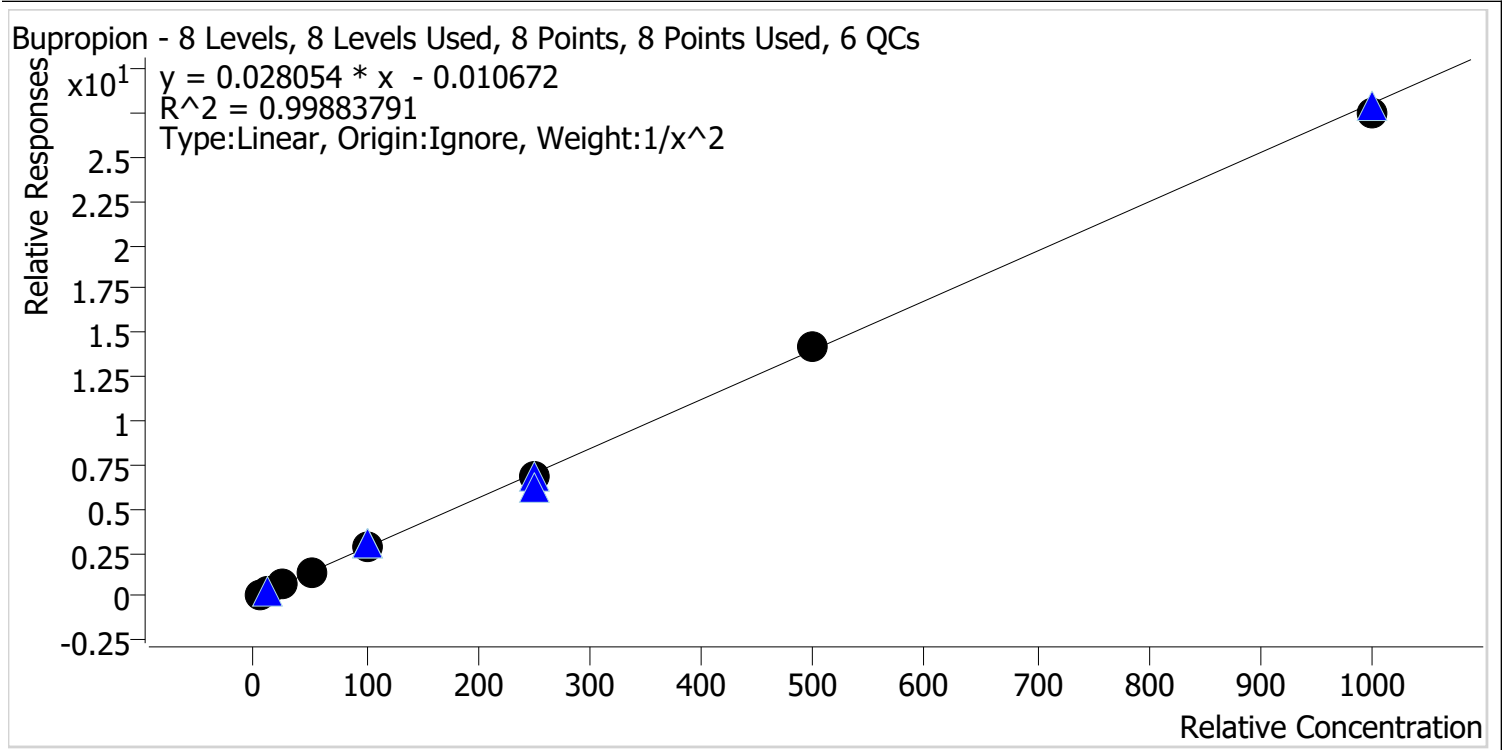


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	0.5	0.5	99.6
p1 Cal 2-10ng	2	✓	1.0	1.1	106.7
p1 Cal 3 -25ng	3	✓	2.5	2.2	88.7
p1 Cal 4-50ng	4	✓	5.0	4.9	97.0
p1 Cal 5-100ng	5	✓	10.0	9.2	92.4
p1 Cal 6-250ng	6	✓	25.0	23.4	93.8
p1 Cal 7-500ng	7	✓	50.0	51.4	102.8
p1 Cal 8-1000ng	8	✓	100.0	119.0	119.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

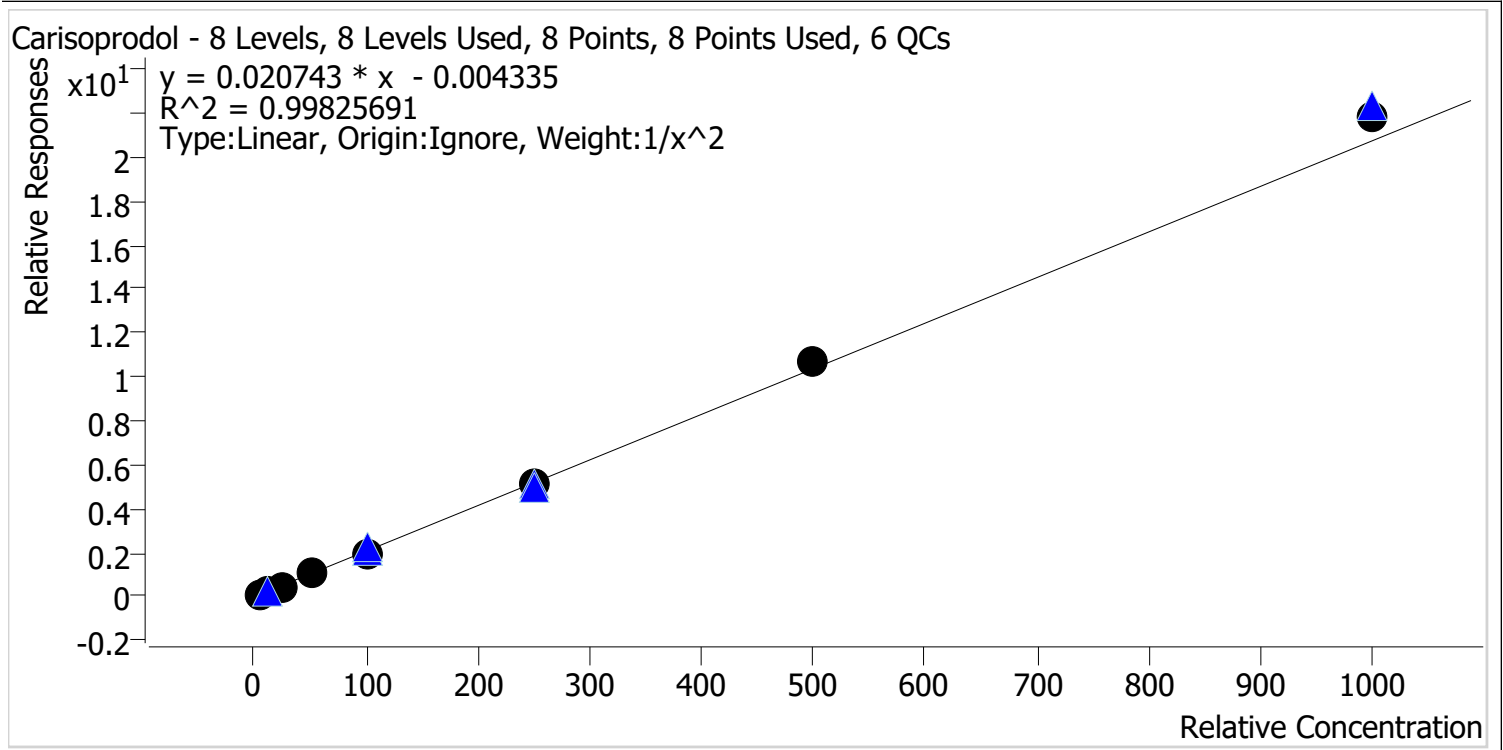


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	241.1	96.4
p1 Cal 7-500ng	7	✓	500.0	505.8	101.2
p1 Cal 8-1000ng	8	✓	1000.0	980.6	98.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

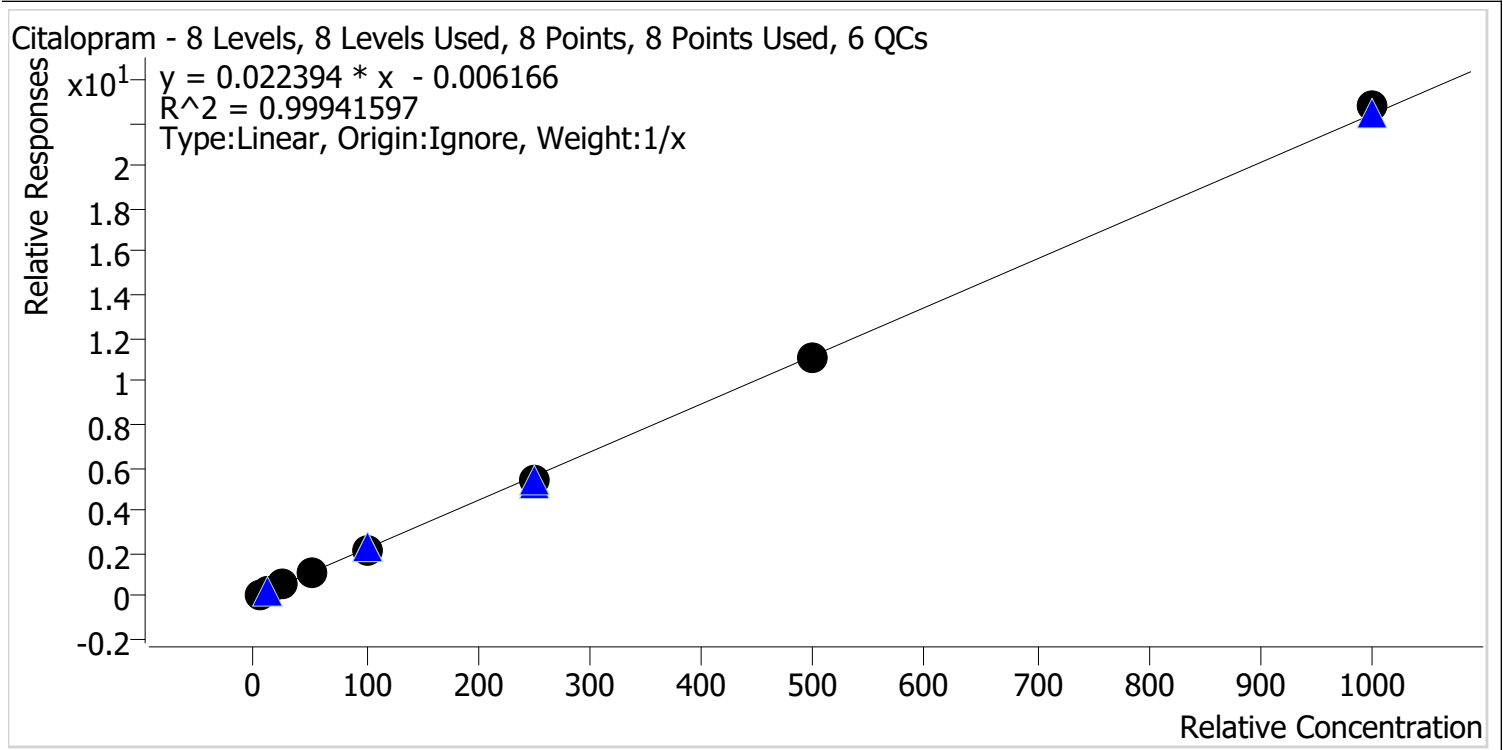


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	244.3	97.7
p1 Cal 7-500ng	7	✓	500.0	517.7	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1052.0	105.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

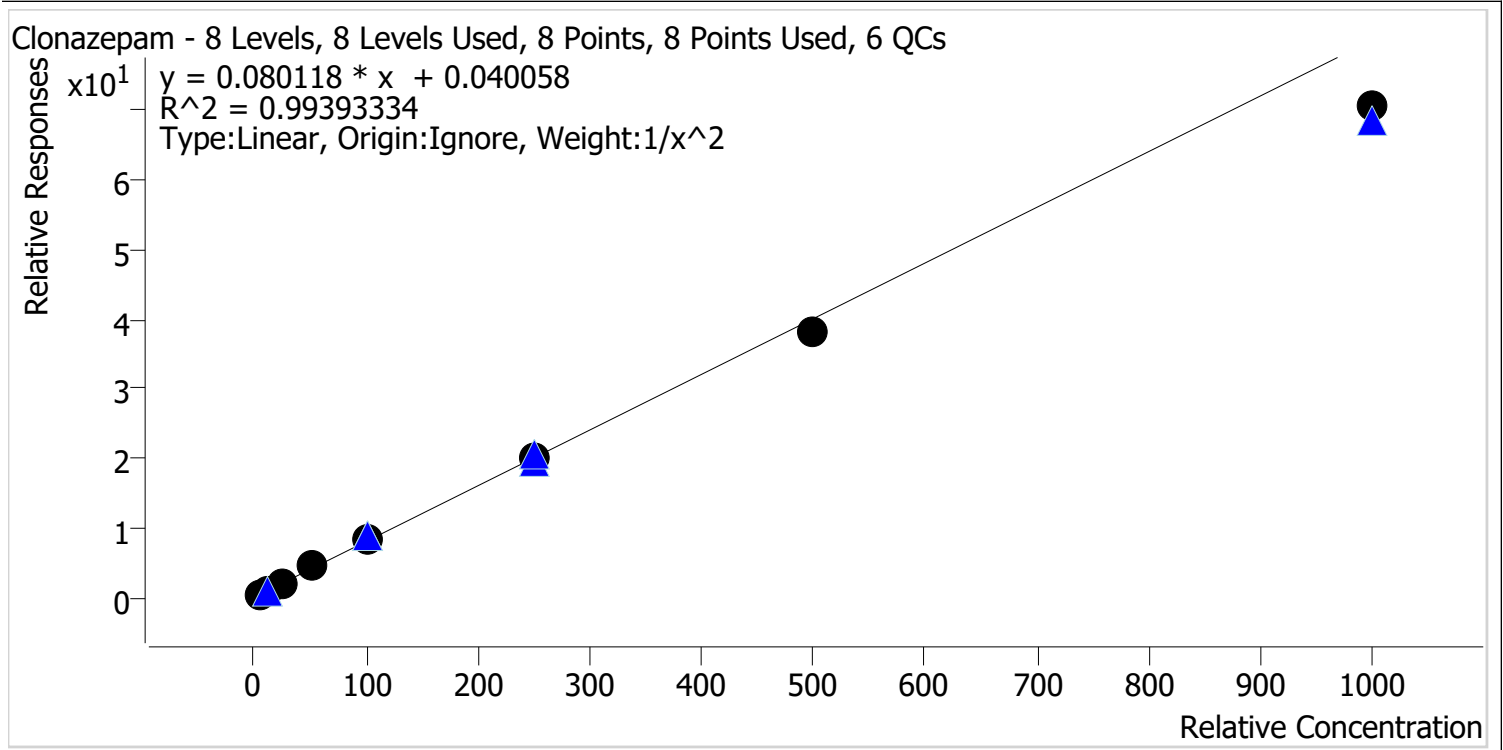


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.3	106.3
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	239.7	95.9
p1 Cal 7-500ng	7	✓	500.0	496.9	99.4
p1 Cal 8-1000ng	8	✓	1000.0	1016.6	101.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

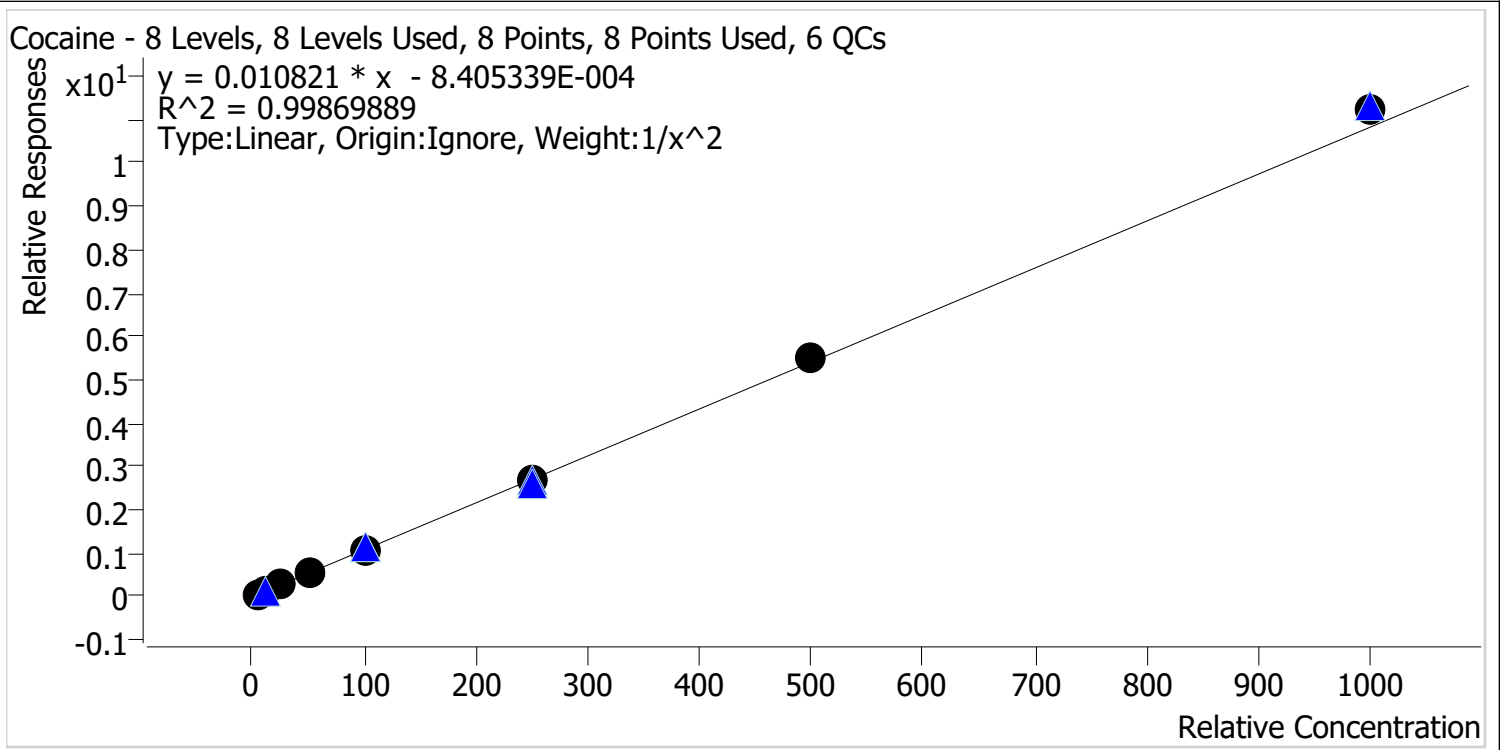


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	55.3	110.6
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	474.5	94.9
p1 Cal 8-1000ng	8	✓	1000.0	881.5	88.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

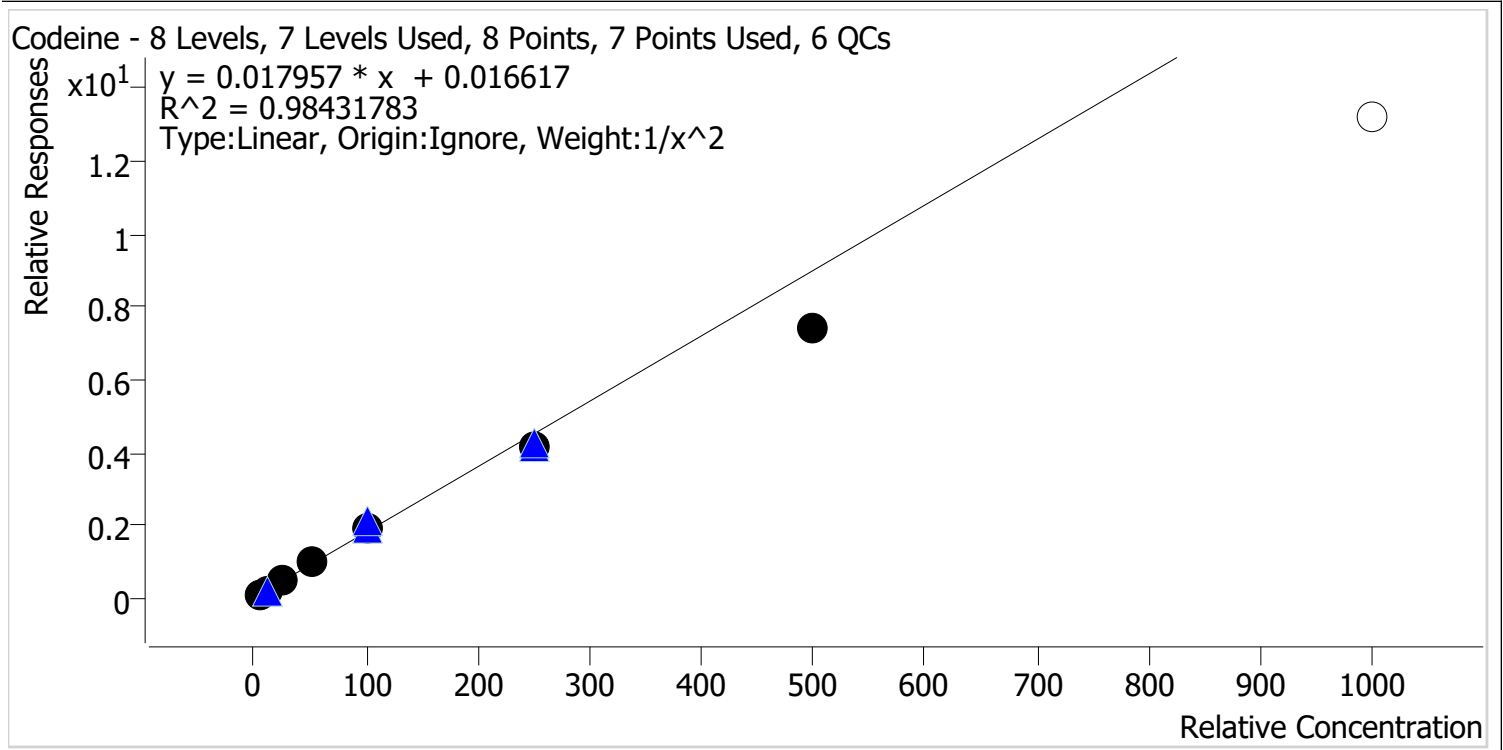


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	51.5	103.1
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	245.9	98.3
p1 Cal 7-500ng	7	✓	500.0	507.3	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1041.2	104.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6



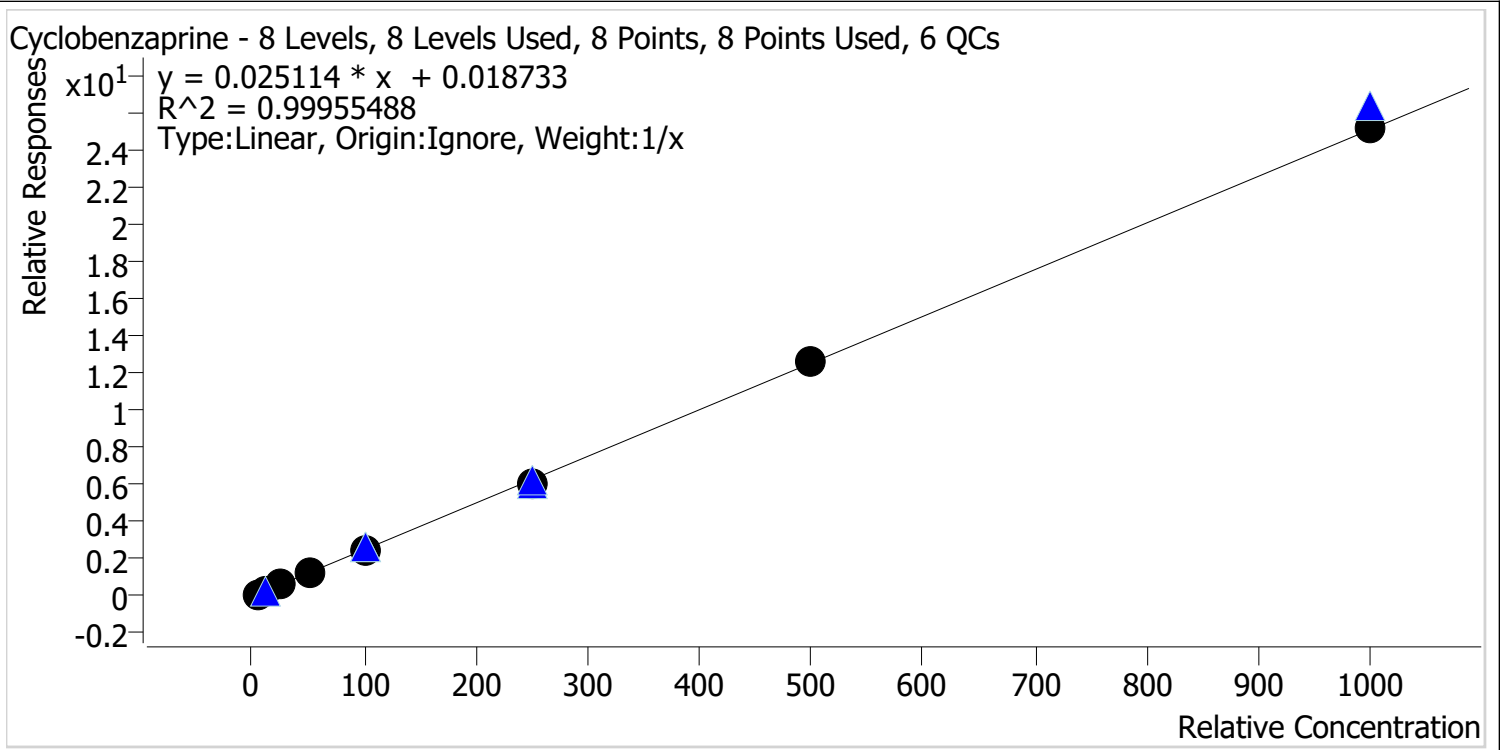
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	57.2	114.5
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	230.1	92.0
p1 Cal 7-500ng	7	✓	500.0	412.2	82.4
p1 Cal 8-1000ng	8	x	1000.0	737.3	73.7

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

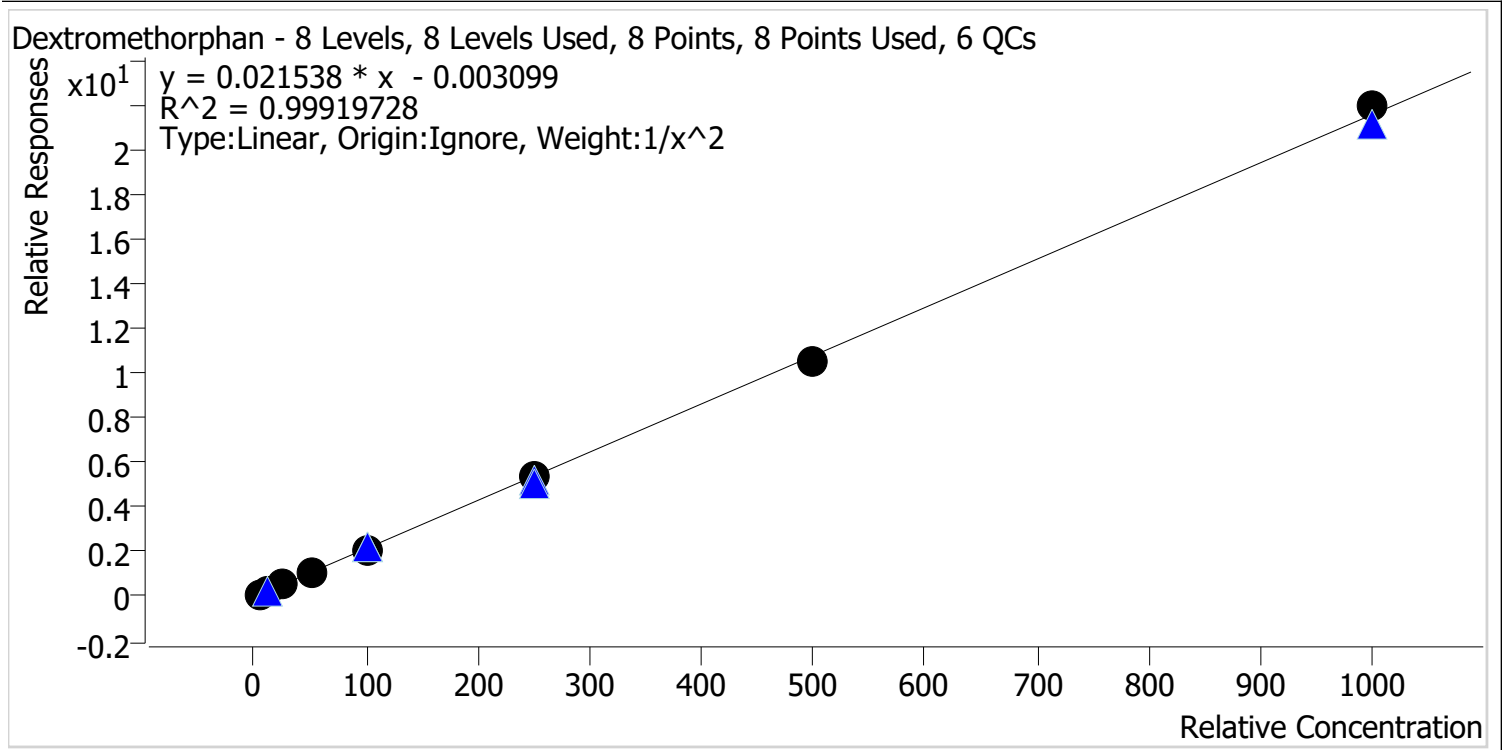


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.3	85.1
p1 Cal 2-10ng	2	✓	10.0	12.0	119.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	500.8	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1006.2	100.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

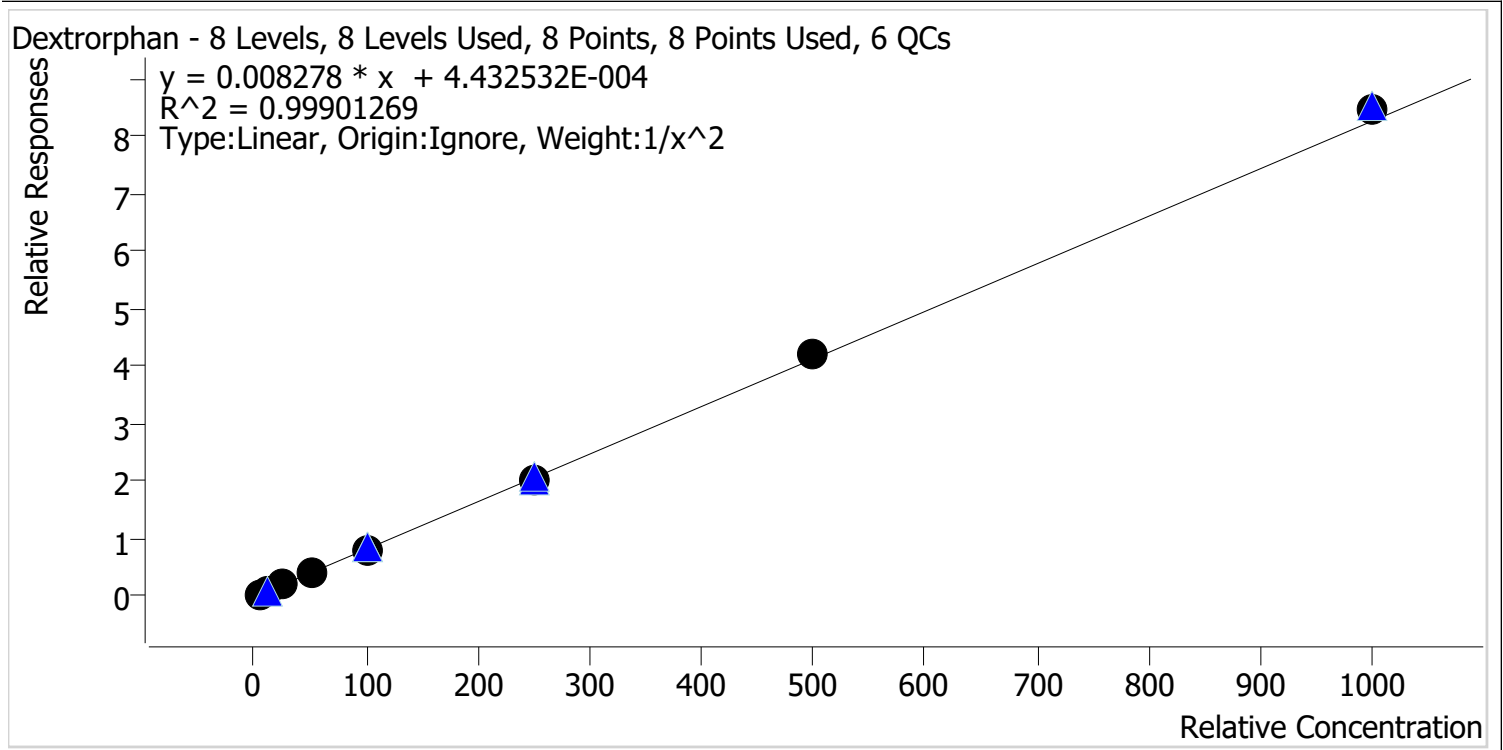


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	484.7	96.9
p1 Cal 8-1000ng	8	✓	1000.0	1017.3	101.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

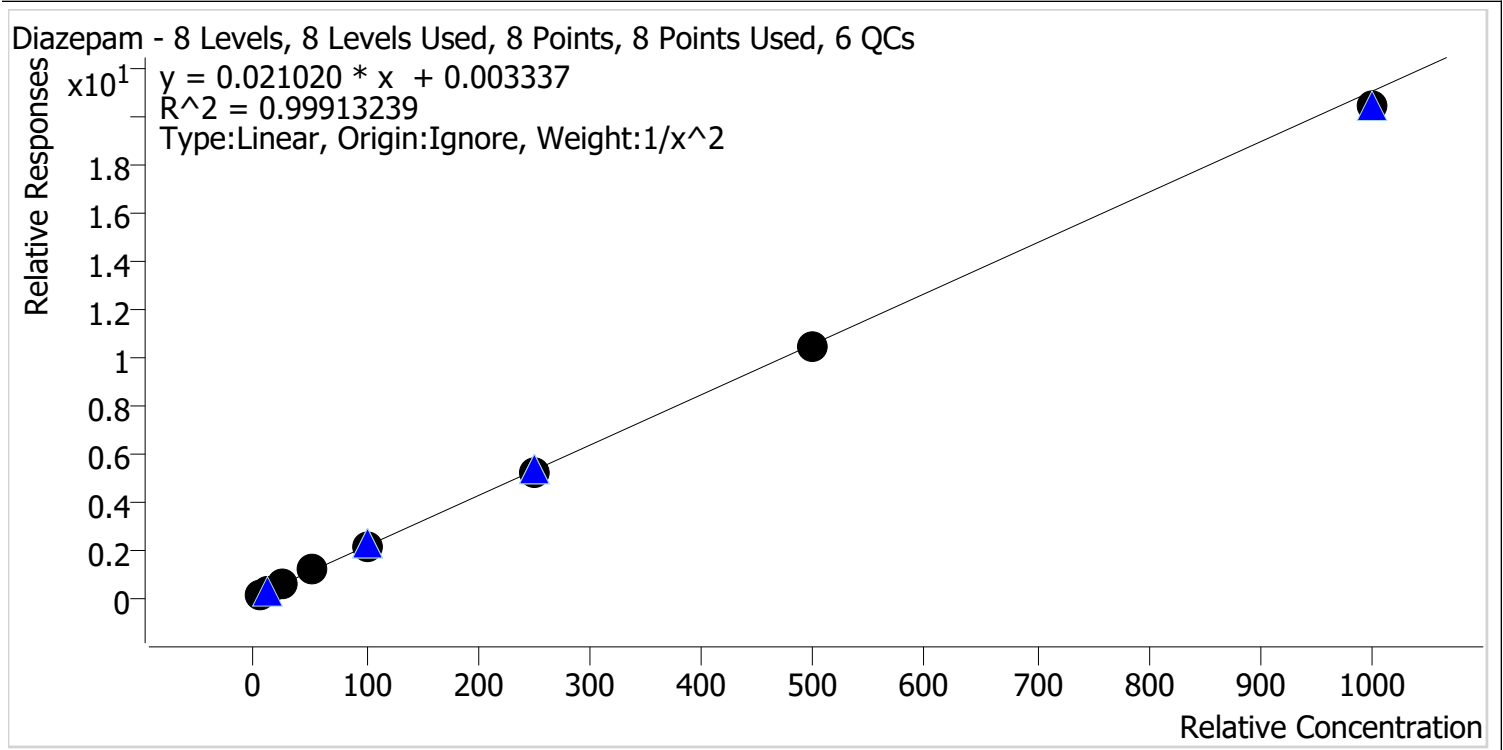


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	245.9	98.3
p1 Cal 7-500ng	7	✓	500.0	510.4	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1027.2	102.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

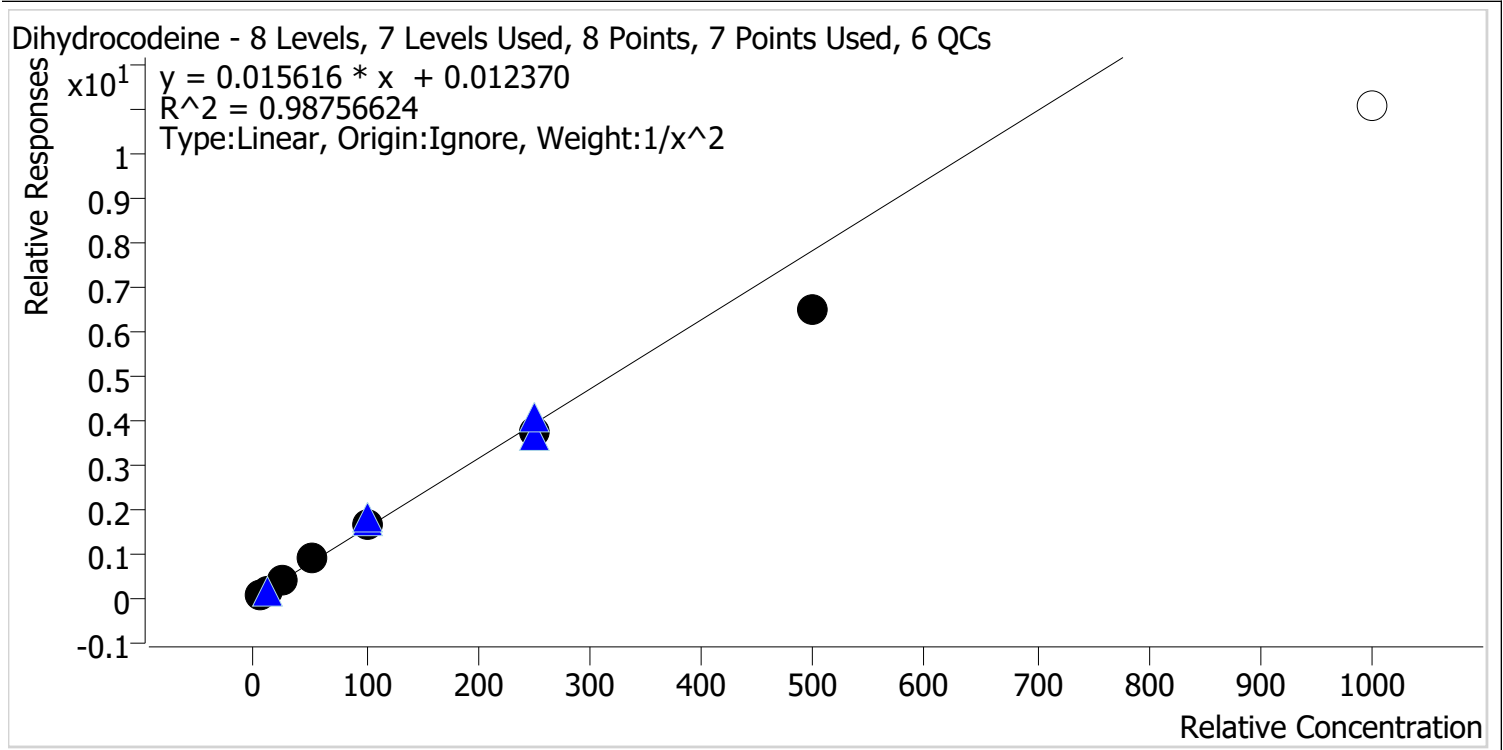


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	52.2	104.3
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✓	1000.0	970.1	97.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



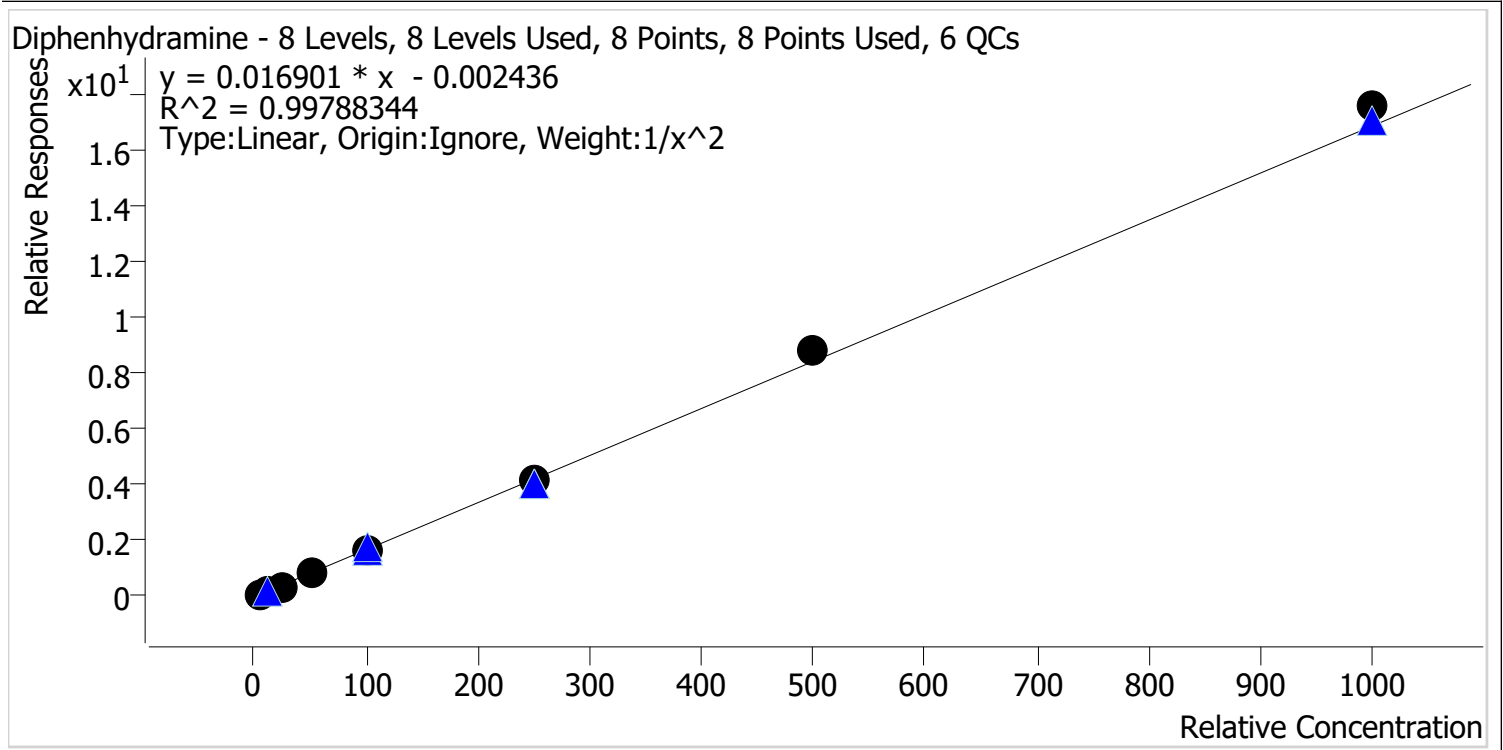
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
p1 Cal 4-50ng	4	✓	50.0	56.2	112.5
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	238.1	95.2
p1 Cal 7-500ng	7	✓	500.0	414.7	82.9
p1 Cal 8-1000ng	8	x	1000.0	706.9	70.7

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

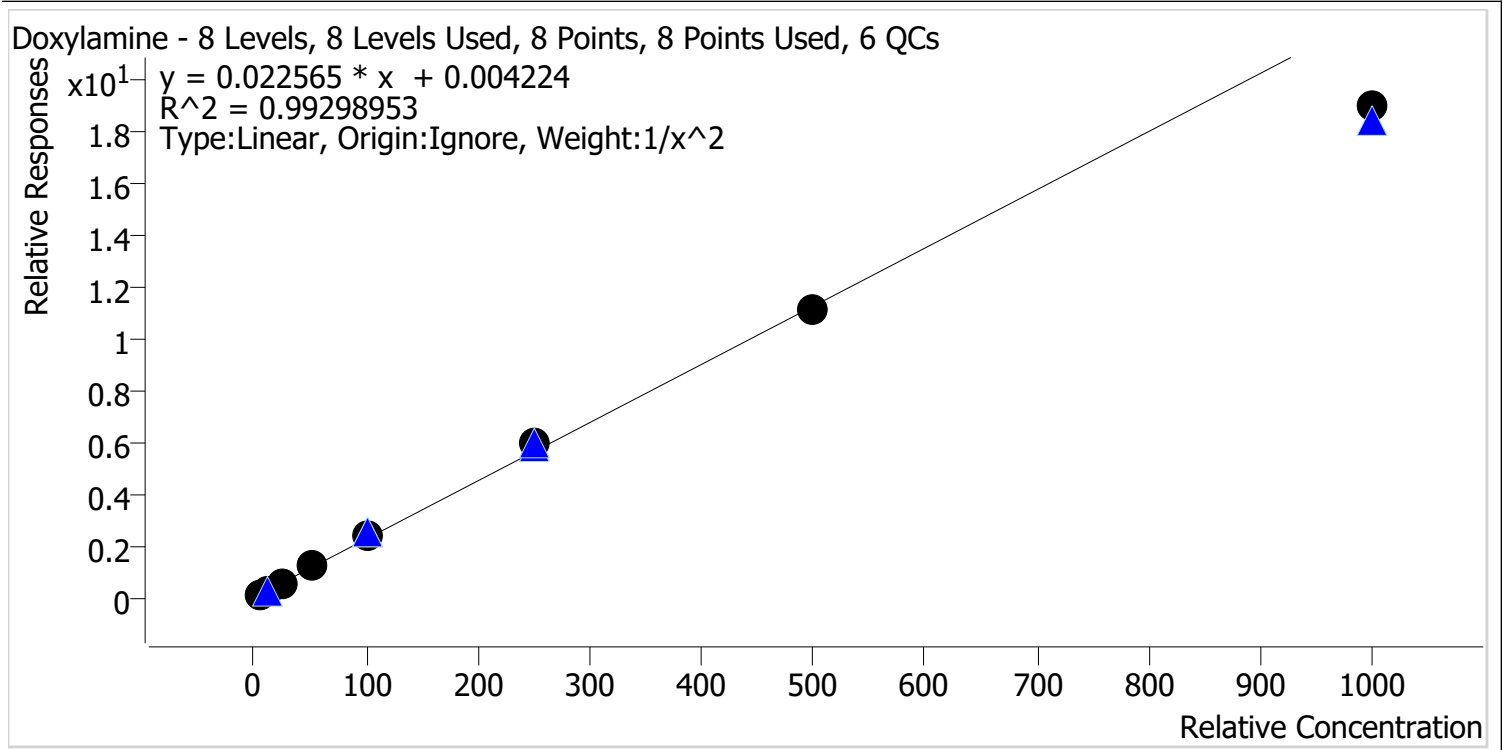


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.4
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	519.9	104.0
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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

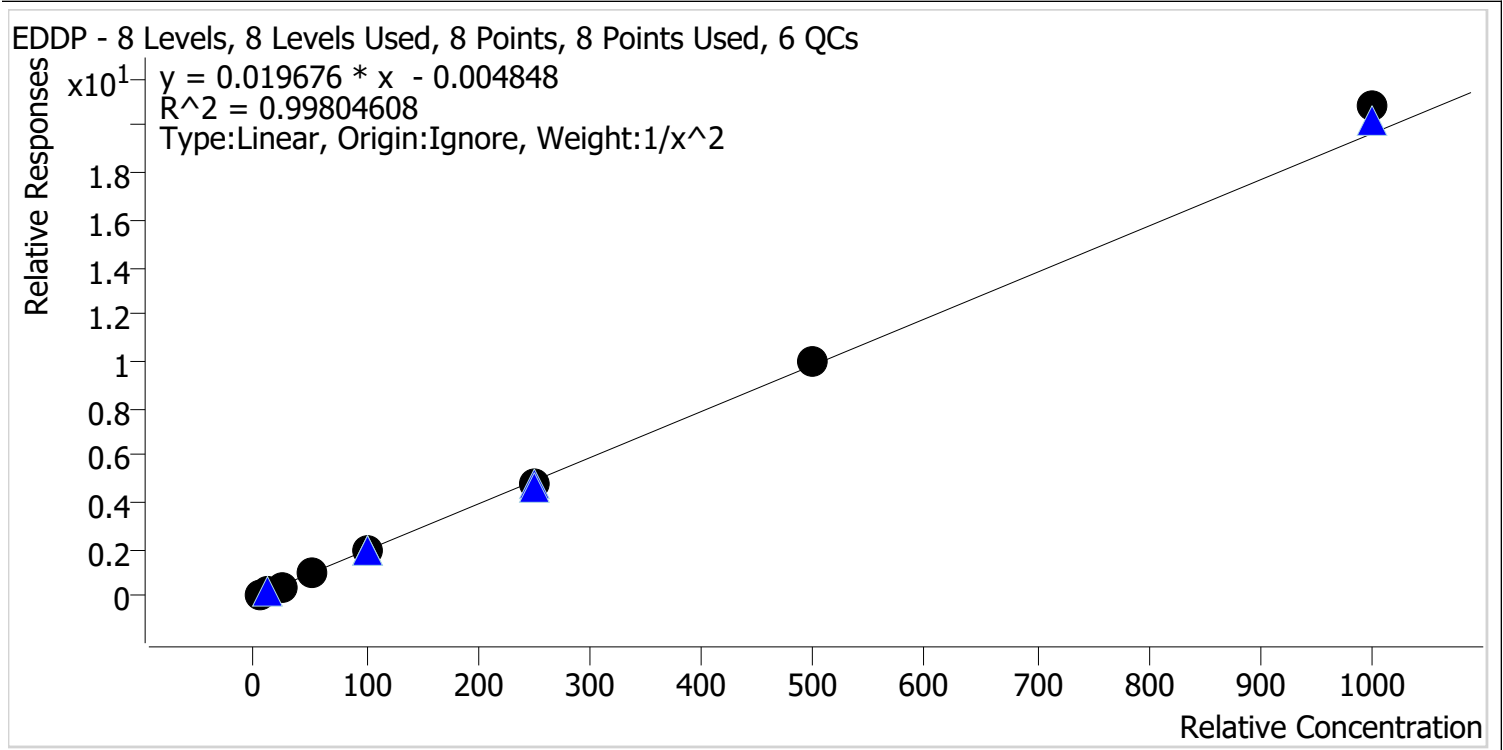


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	262.8	105.1
p1 Cal 7-500ng	7	✓	500.0	493.6	98.7
p1 Cal 8-1000ng	8	✓	1000.0	843.5	84.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

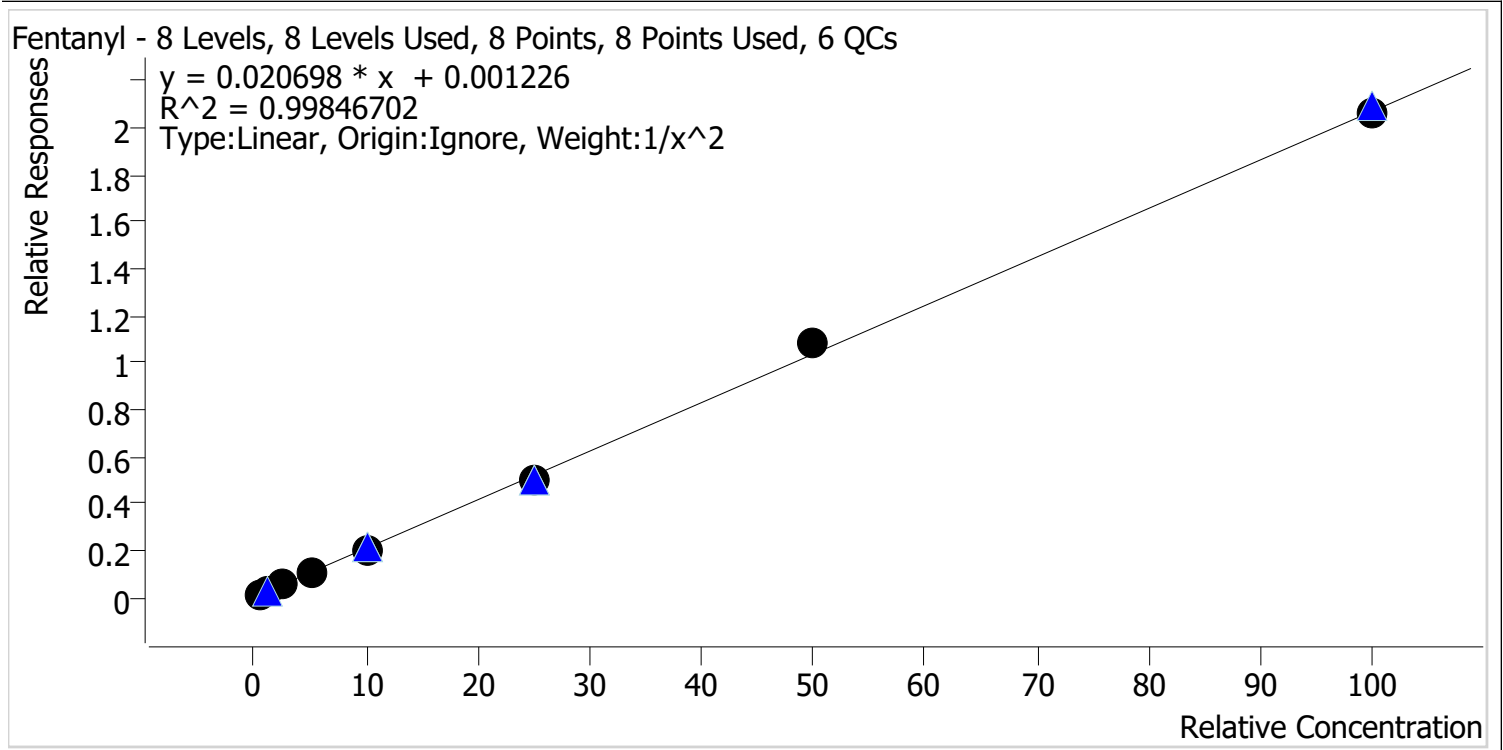


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	240.3	96.1
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1058.8	105.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

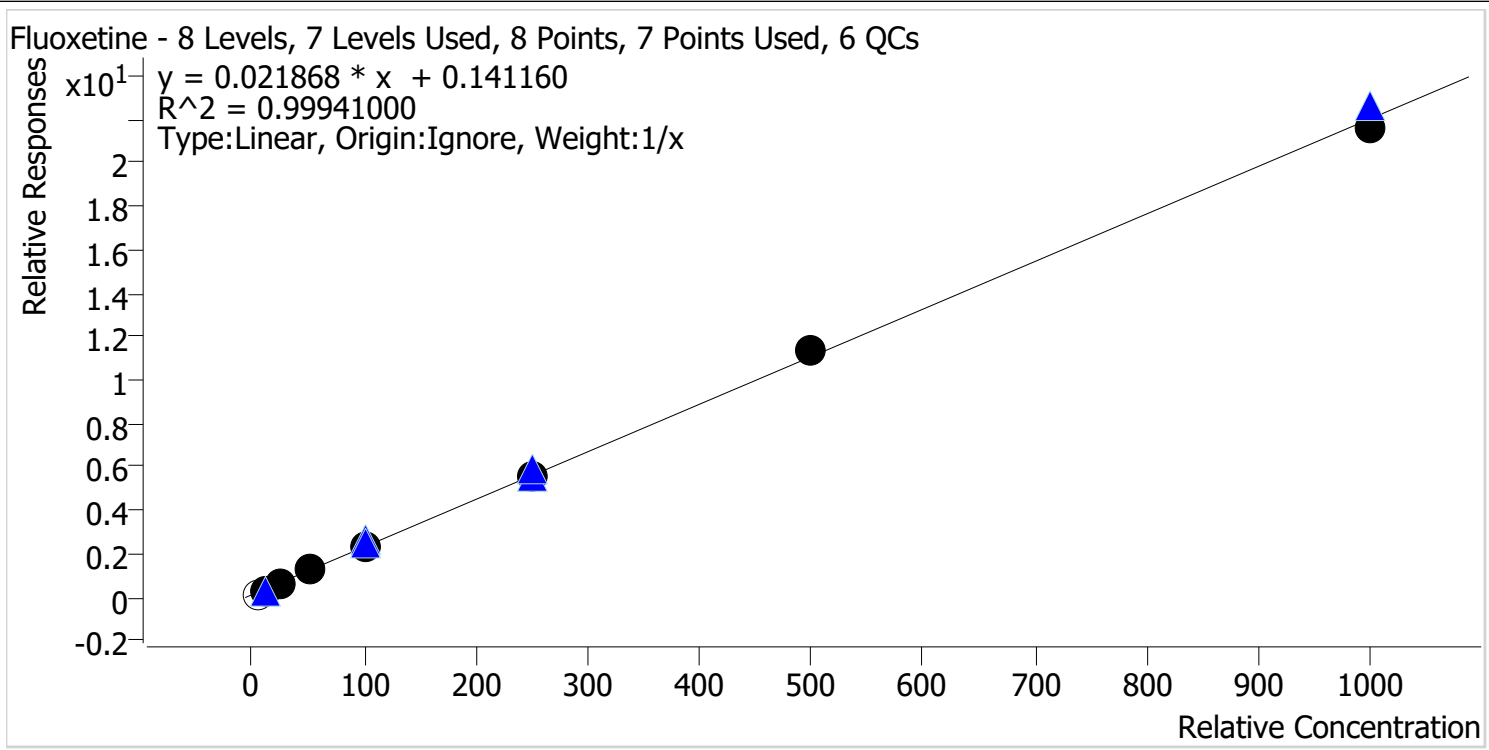


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	0.5	0.5	98.0
p1 Cal 2-10ng	2	✓	1.0	1.1	105.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.8
p1 Cal 4-50ng	4	✓	5.0	5.1	101.6
p1 Cal 5-100ng	5	✓	10.0	9.9	98.6
p1 Cal 6-250ng	6	✓	25.0	24.2	97.0
p1 Cal 7-500ng	7	✓	50.0	52.0	103.9
p1 Cal 8-1000ng	8	✓	100.0	99.6	99.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



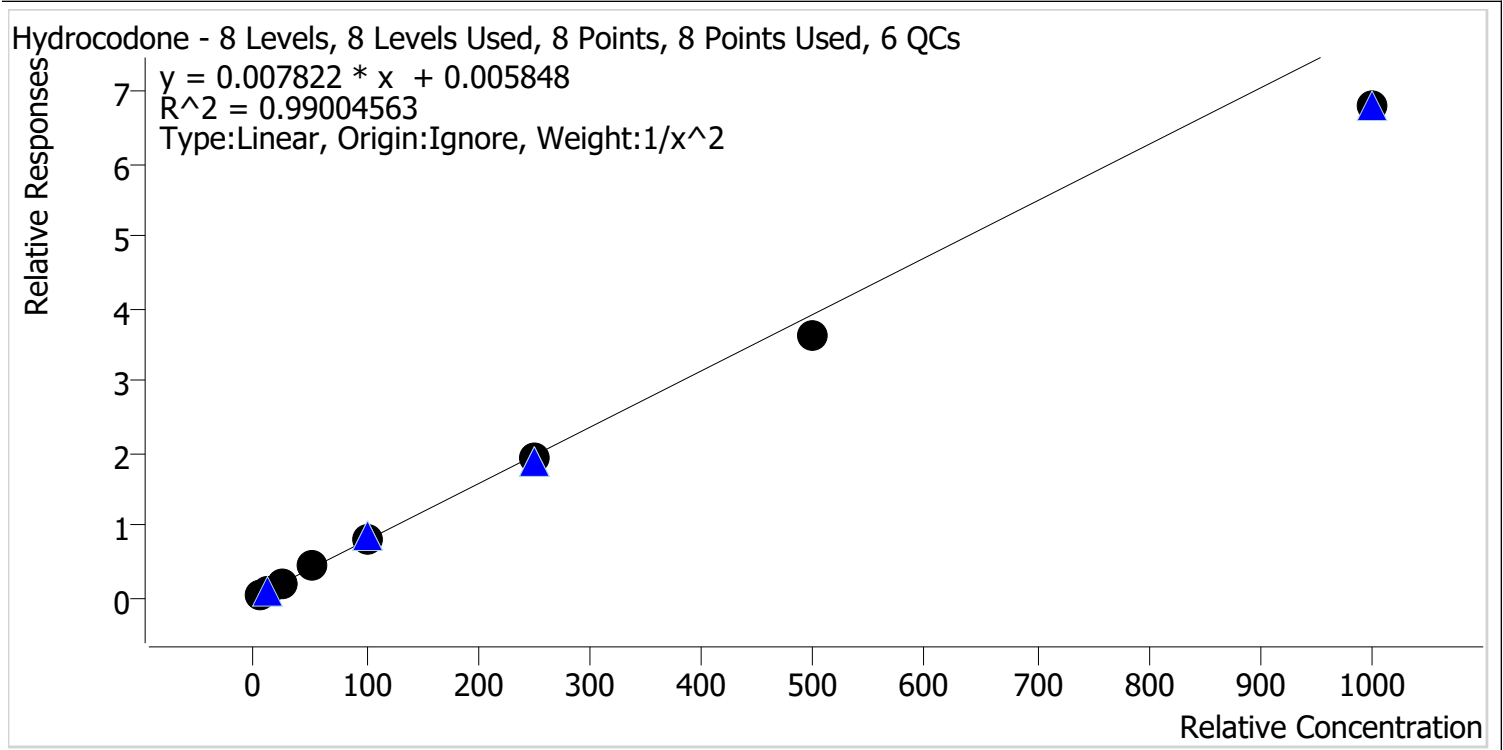
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	x	5.0	0.3	5.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.6
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	513.8	102.8
p1 Cal 8-1000ng	8	✓	1000.0	983.2	98.3

Cal 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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

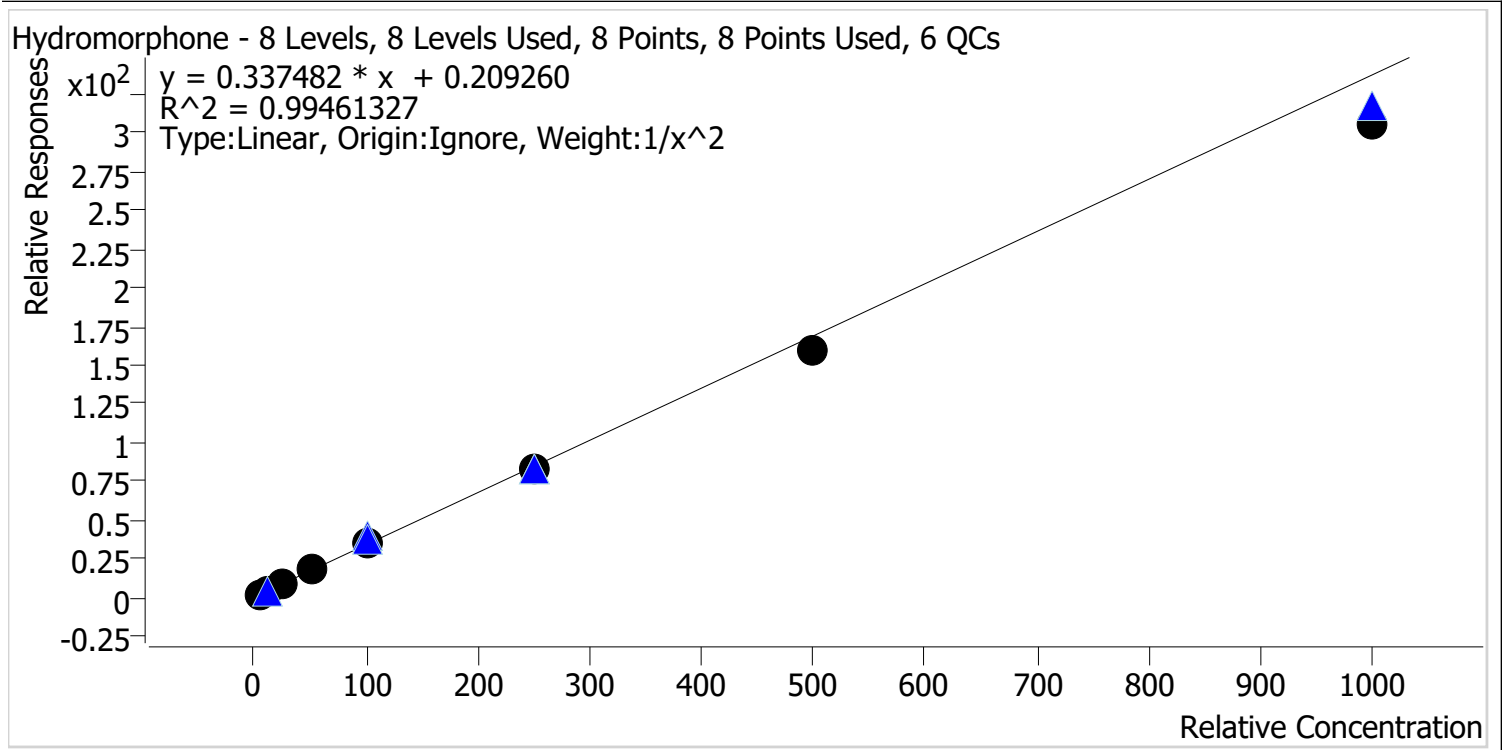


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.7	94.4
p1 Cal 2-10ng	2	✓	10.0	10.7	107.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	56.4	112.8
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	245.6	98.2
p1 Cal 7-500ng	7	✓	500.0	459.9	92.0
p1 Cal 8-1000ng	8	✓	1000.0	866.9	86.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

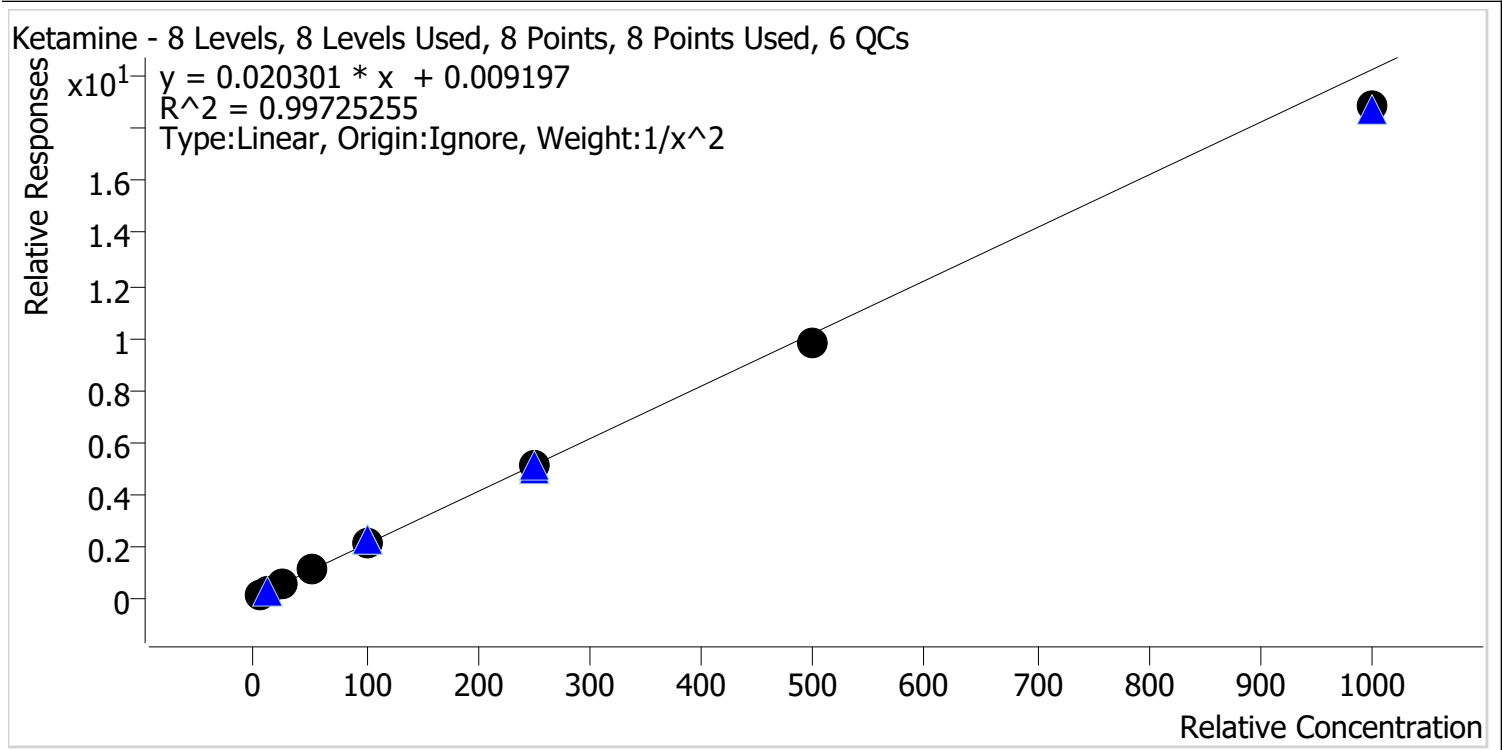


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	54.8	109.6
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	242.4	97.0
p1 Cal 7-500ng	7	✓	500.0	471.1	94.2
p1 Cal 8-1000ng	8	✓	1000.0	906.7	90.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

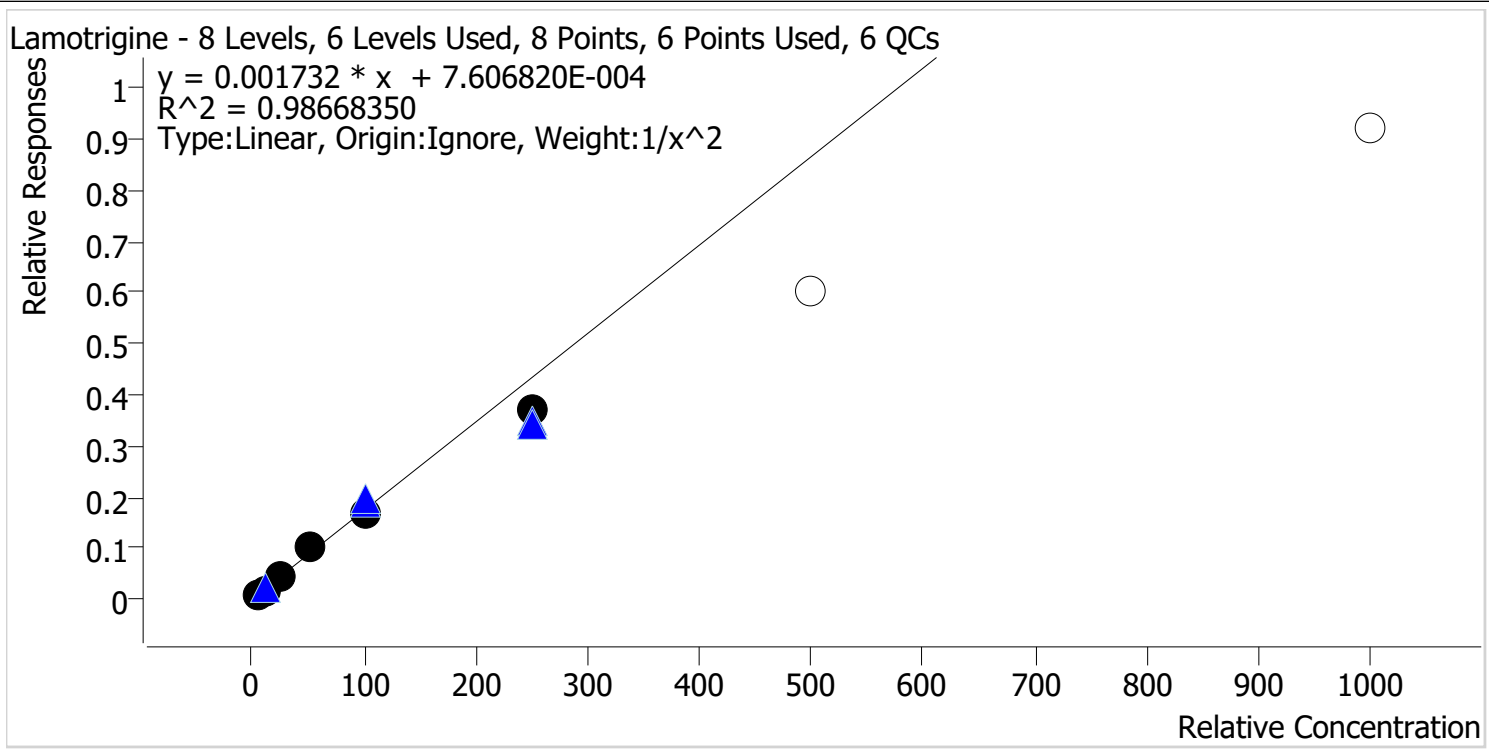


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	54.4	108.9
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	483.8	96.8
p1 Cal 8-1000ng	8	✓	1000.0	930.4	93.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datator
Analyte Lamotrigine **Internal Standard** Ketamine-D4



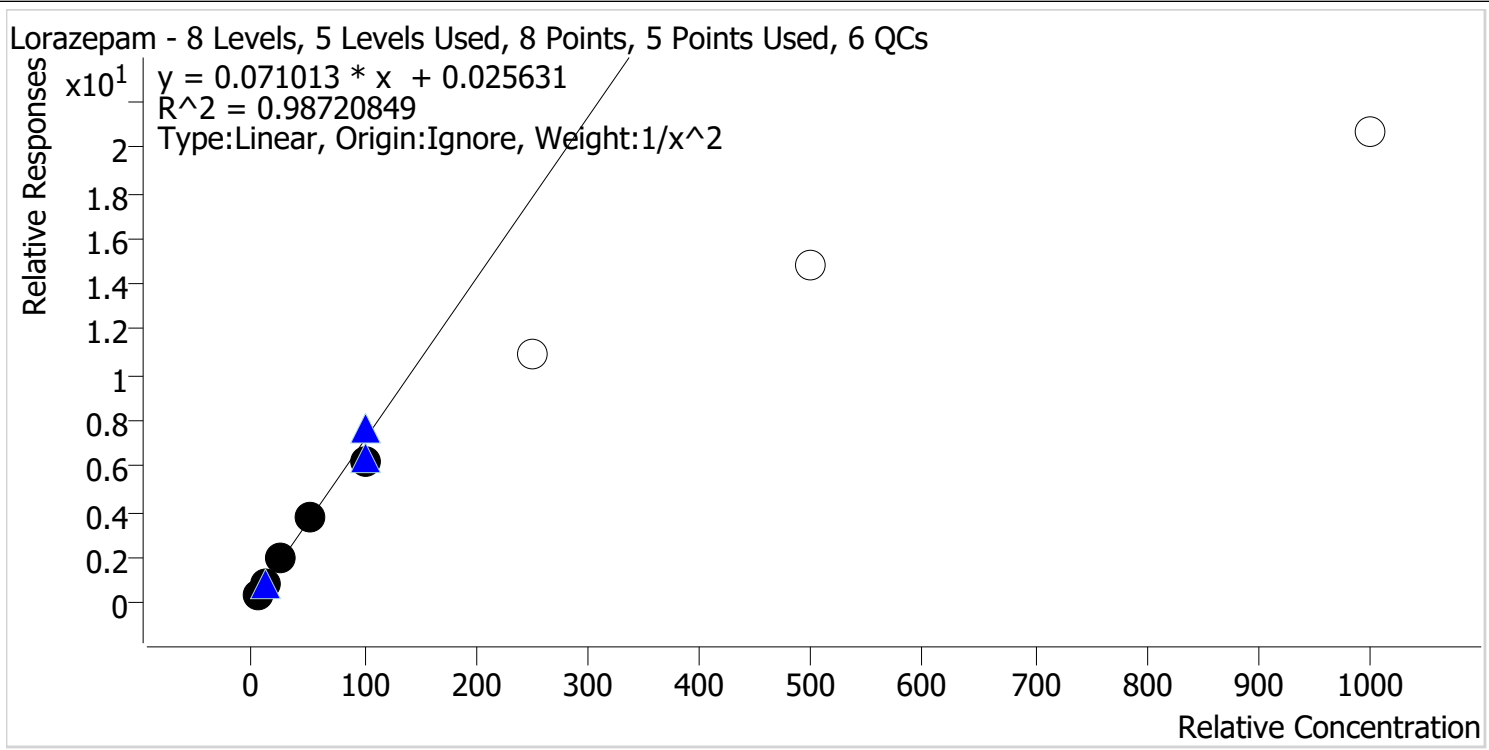
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	57.3	114.6
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	214.4	85.8
p1 Cal 7-500ng	7	✗	500.0	346.3	69.3
p1 Cal 8-1000ng	8	✗	1000.0	532.4	53.2

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



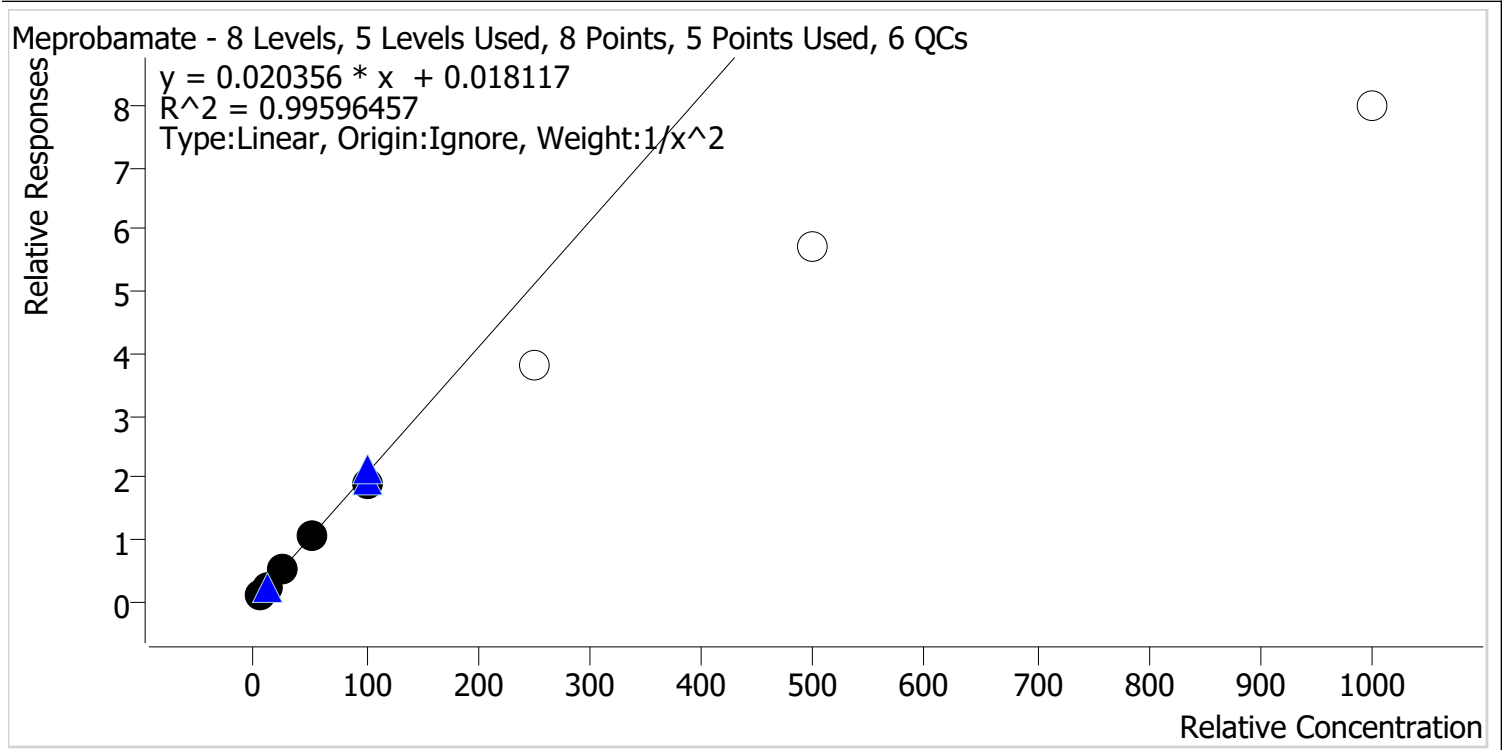
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.8	108.0
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	87.0	87.0
p1 Cal 6-250ng	6	✗	250.0	154.4	61.8
p1 Cal 7-500ng	7	✗	500.0	208.5	41.7
p1 Cal 8-1000ng	8	✗	1000.0	292.1	29.2

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



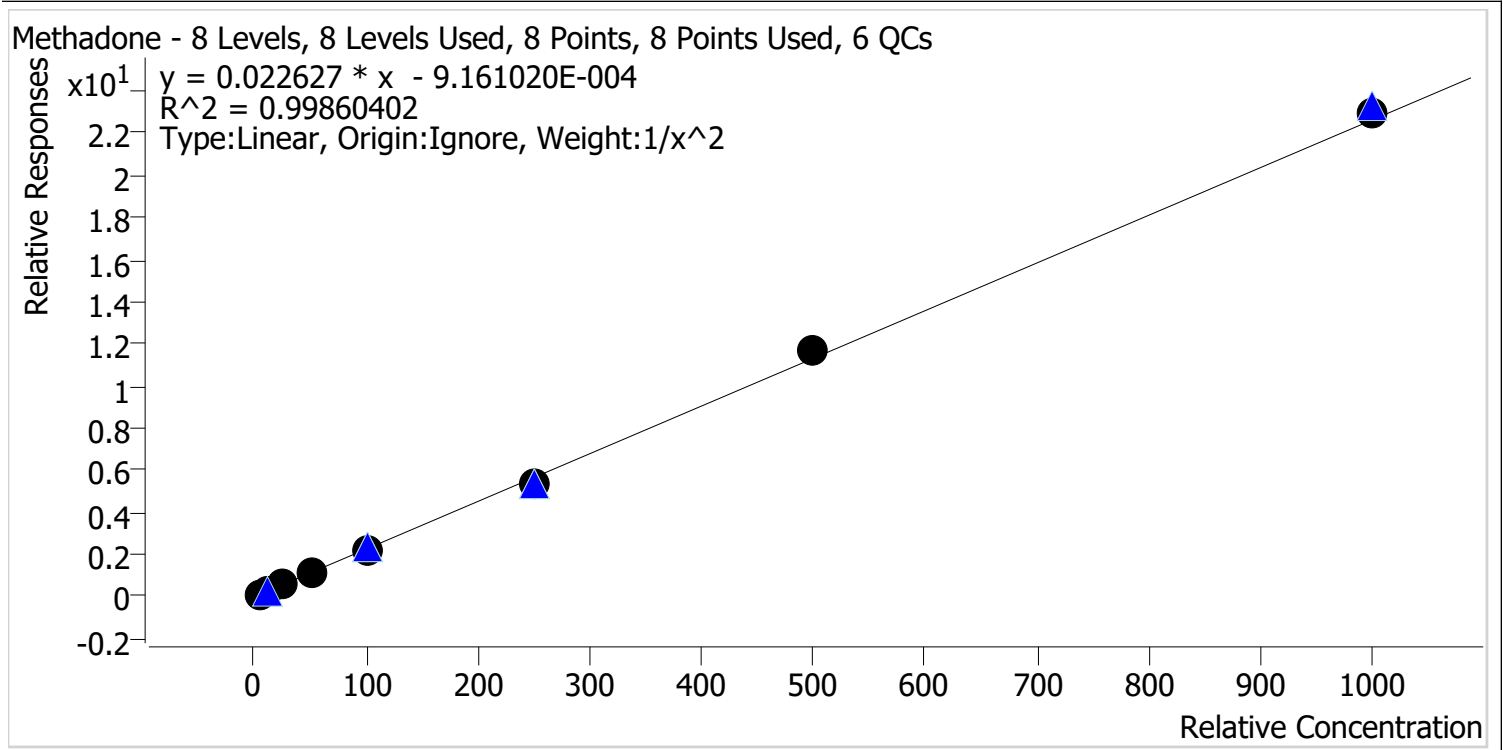
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	92.8	92.8
p1 Cal 6-250ng	6	✗	250.0	185.8	74.3
p1 Cal 7-500ng	7	✗	500.0	279.7	55.9
p1 Cal 8-1000ng	8	✗	1000.0	391.0	39.1

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datator
Analyte Methadone **Internal Standard** Methadone-D9

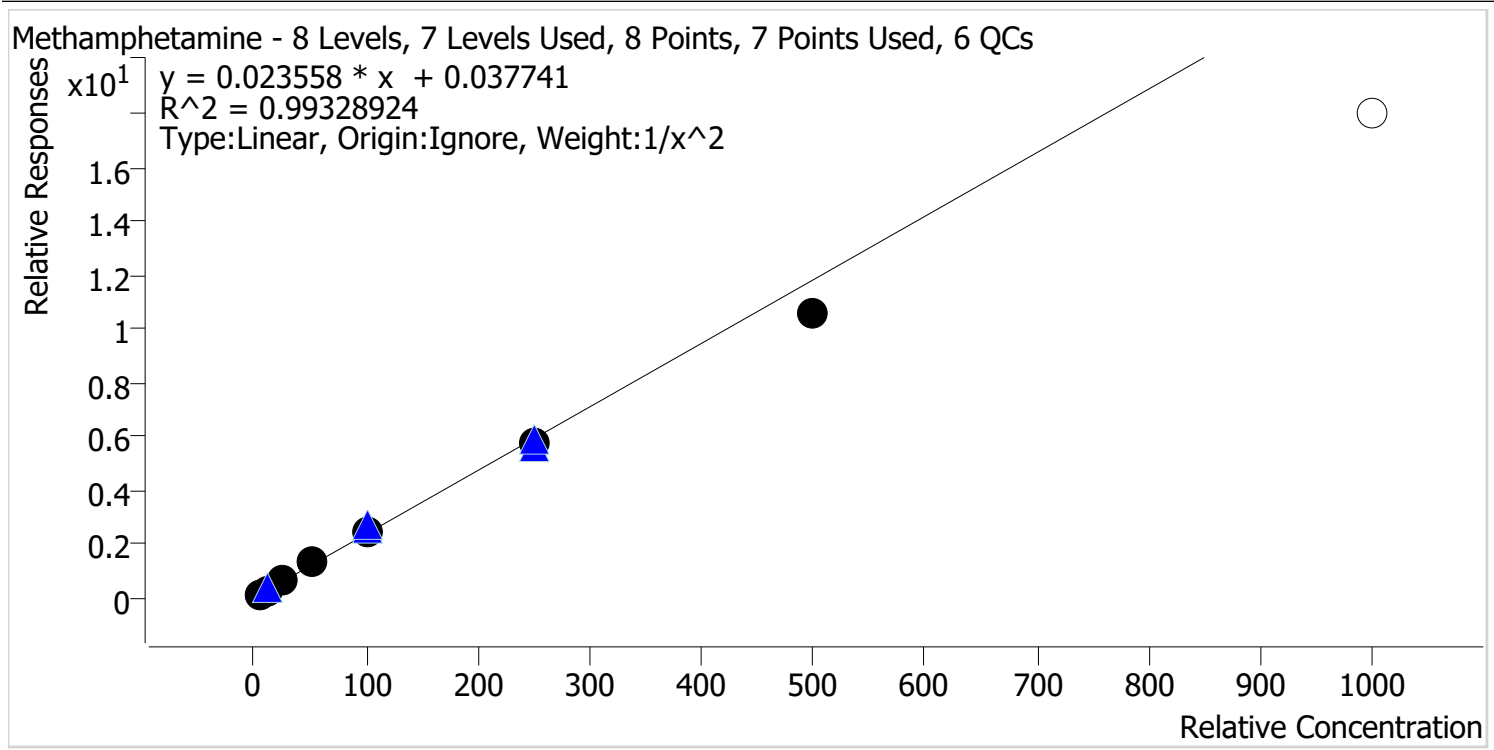


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.4
p1 Cal 4-50ng	4	✓	50.0	51.6	103.1
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	240.7	96.3
p1 Cal 7-500ng	7	✓	500.0	518.8	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1016.7	101.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



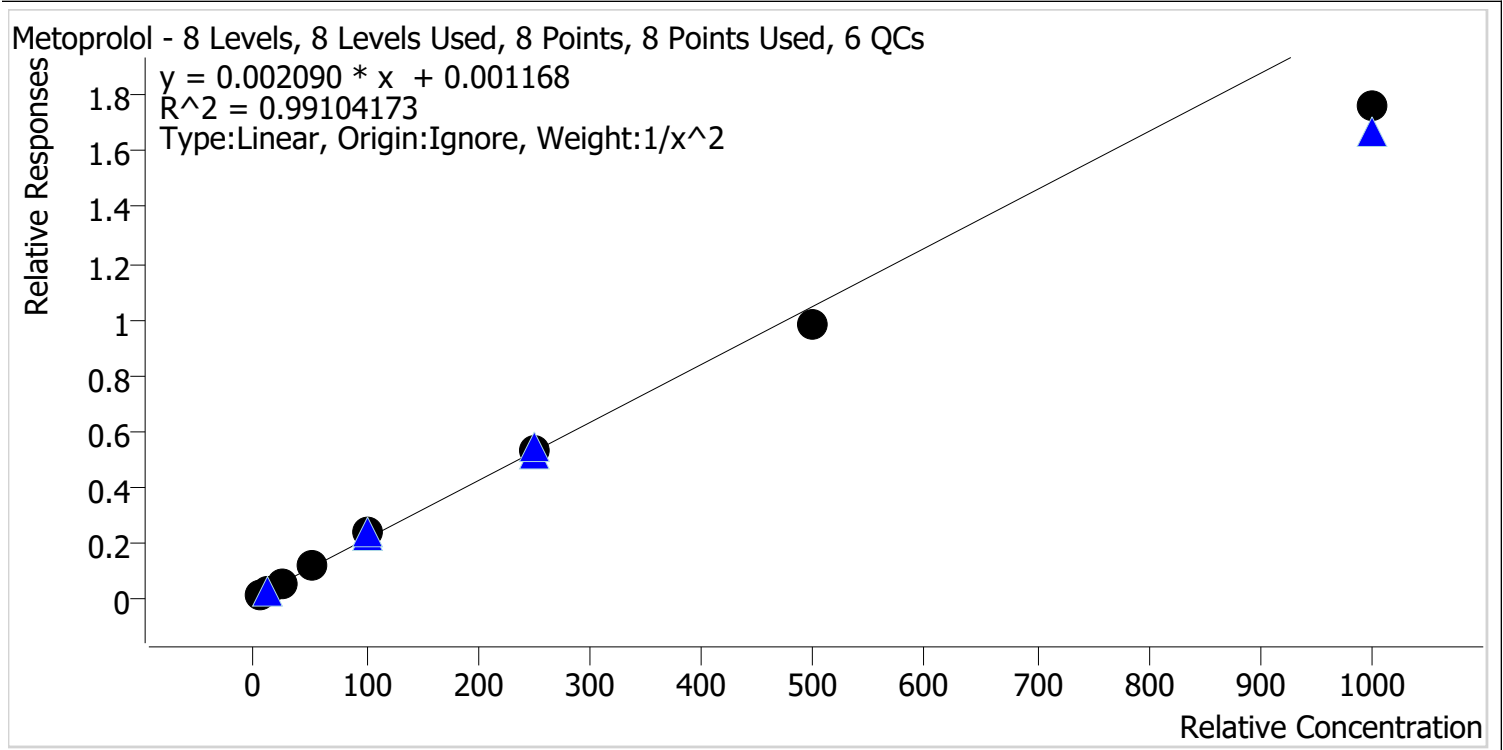
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	55.9	111.7
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	241.3	96.5
p1 Cal 7-500ng	7	✓	500.0	445.2	89.0
p1 Cal 8-1000ng	8	x	1000.0	762.1	76.2

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

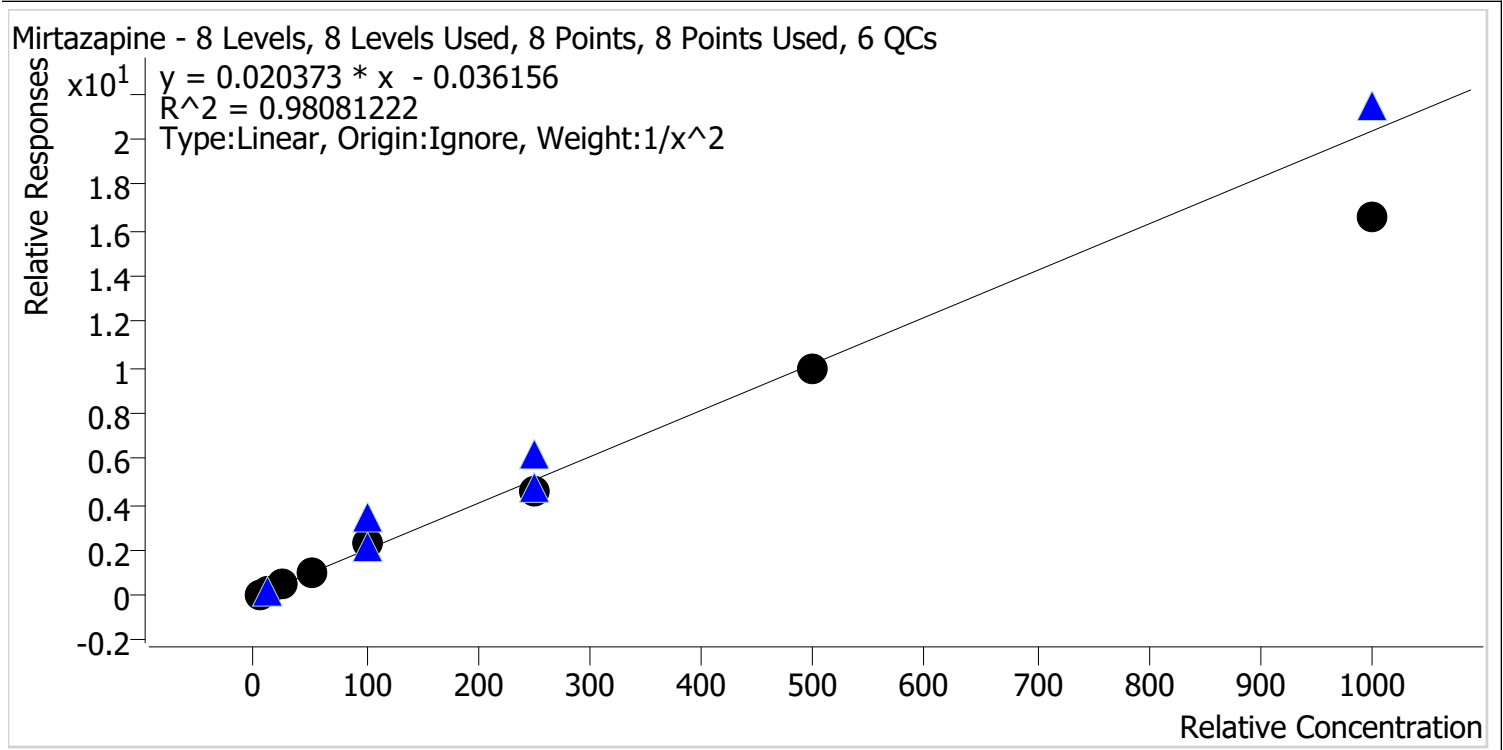


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng	5	✓	100.0	109.8	109.8
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	471.1	94.2
p1 Cal 8-1000ng	8	✓	1000.0	843.5	84.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



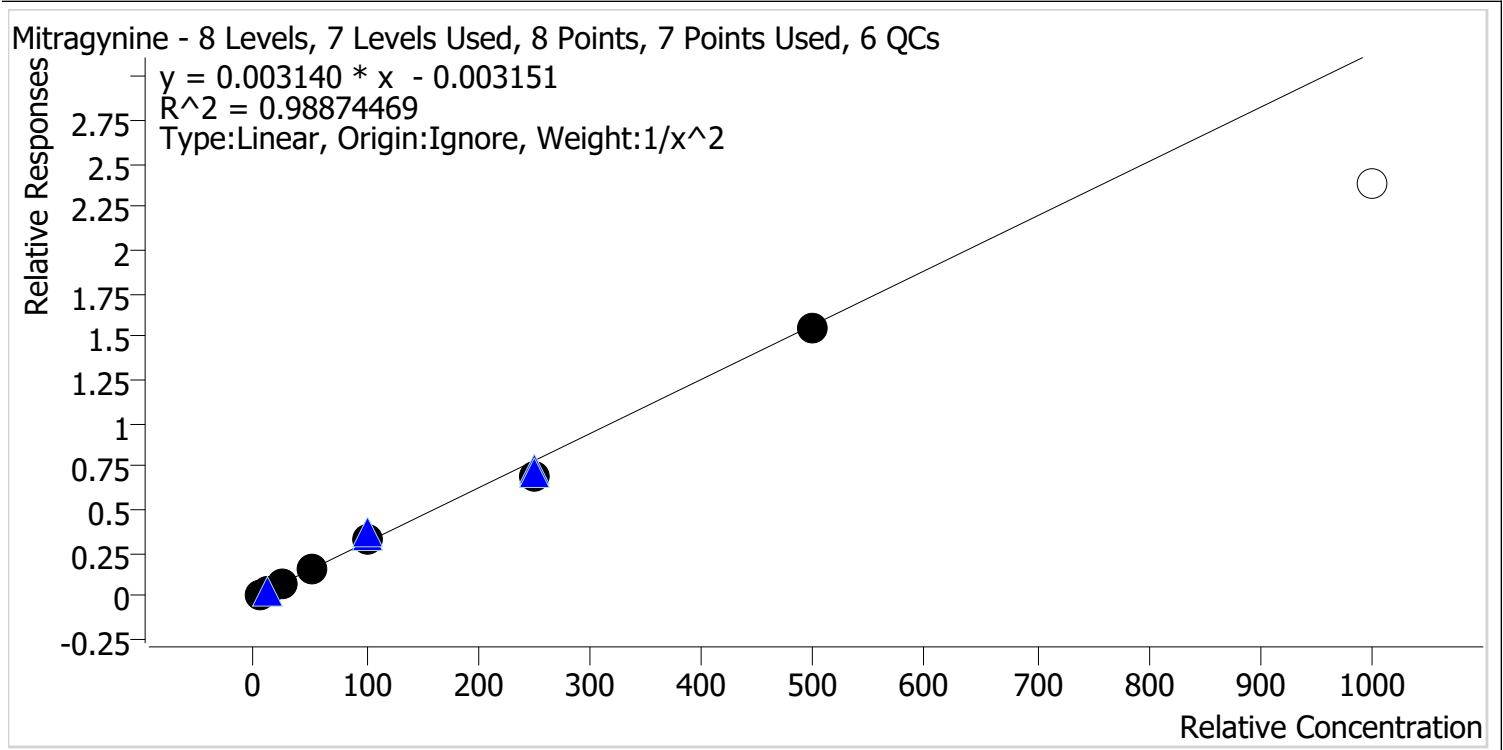
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.5	89.3
p1 Cal 2-10ng	2	✓	10.0	11.7	117.2
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.2
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	111.5	111.5
p1 Cal 6-250ng	6	✓	250.0	228.7	91.5
p1 Cal 7-500ng	7	✓	500.0	485.3	97.1
p1 Cal 8-1000ng	8	✓	1000.0	816.3	81.6

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



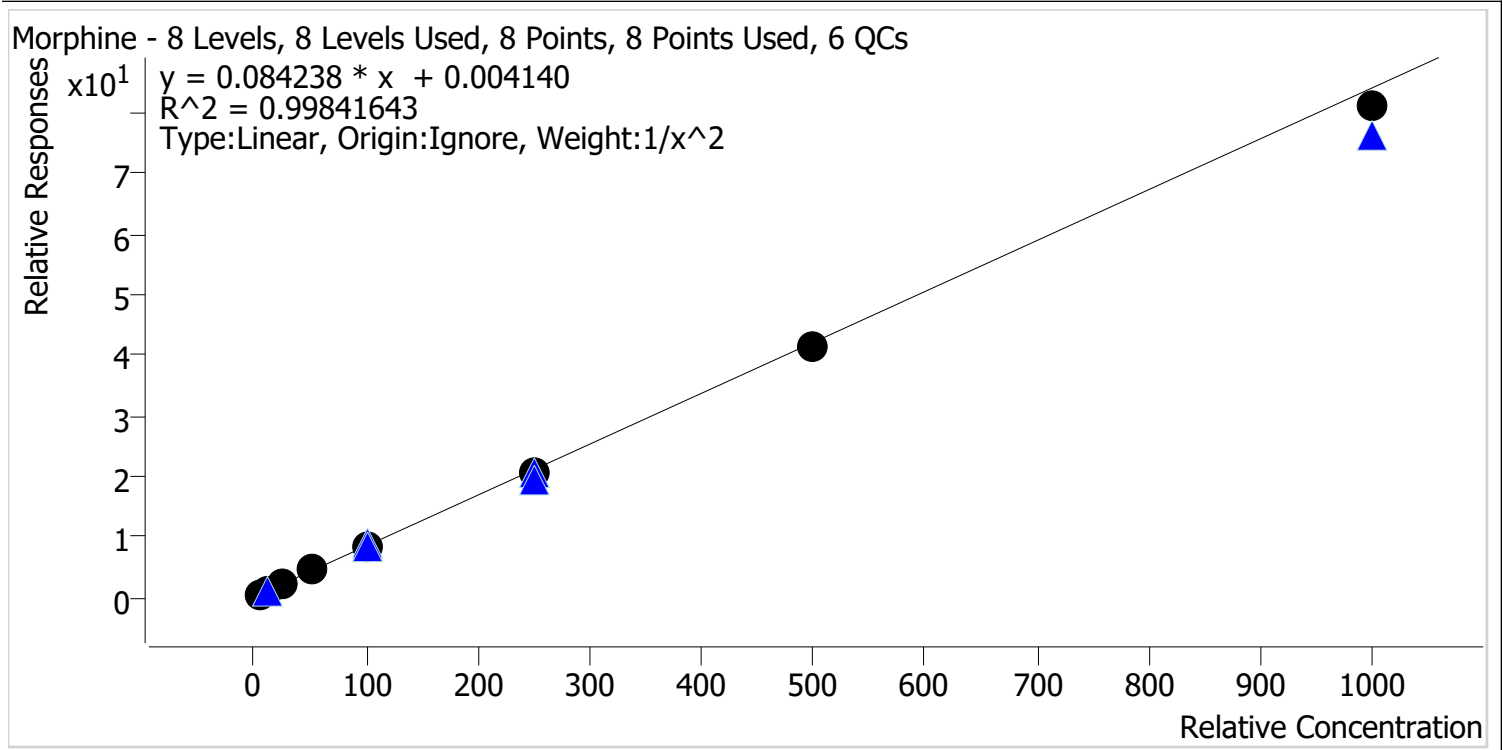
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.7	93.0
p1 Cal 2-10ng	2	✓	10.0	11.5	114.8
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	219.7	87.9
p1 Cal 7-500ng	7	✓	500.0	491.7	98.3
p1 Cal 8-1000ng	8	✗	1000.0	759.2	75.9

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6

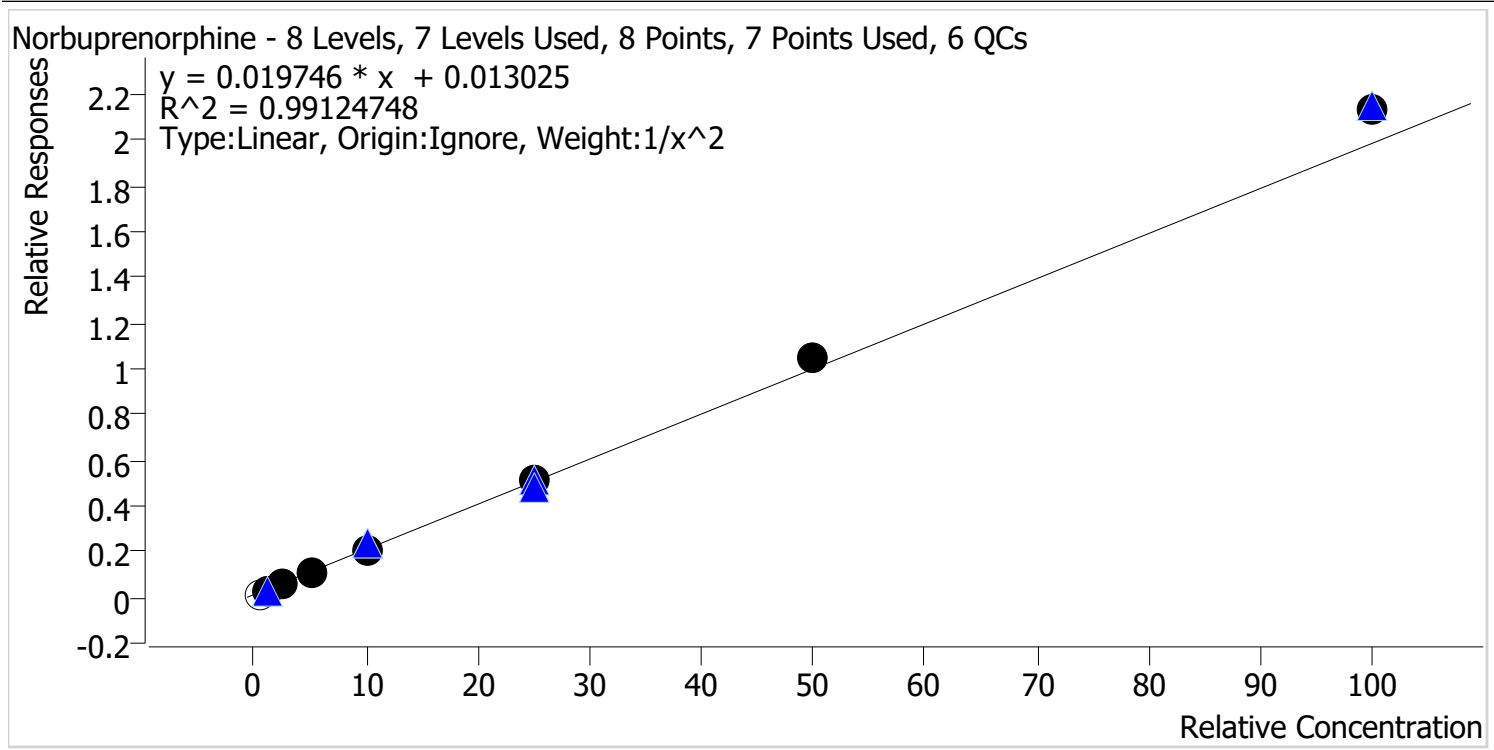


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	489.0	97.8
p1 Cal 8-1000ng	8	✓	1000.0	963.9	96.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



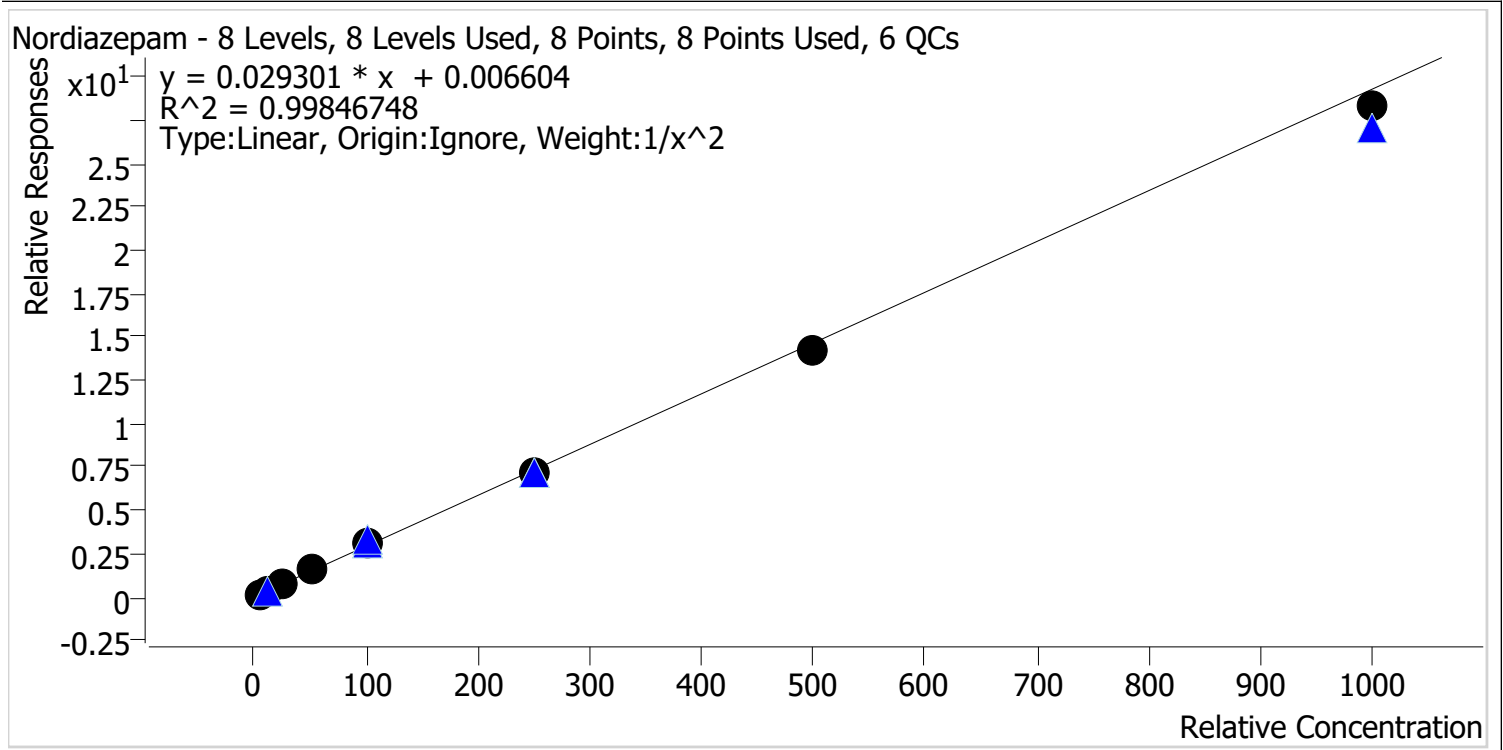
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	x	0.5	0.0	0.6
p1 Cal 2-10ng	2	✓	1.0	1.1	106.8
p1 Cal 3 -25ng	3	✓	2.5	2.2	86.2
p1 Cal 4-50ng	4	✓	5.0	4.6	92.1
p1 Cal 5-100ng	5	✓	10.0	10.0	99.7
p1 Cal 6-250ng	6	✓	25.0	25.6	102.5
p1 Cal 7-500ng	7	✓	50.0	52.4	104.8
p1 Cal 8-1000ng	8	✓	100.0	107.9	107.9

Calibrator 1 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 9:54 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

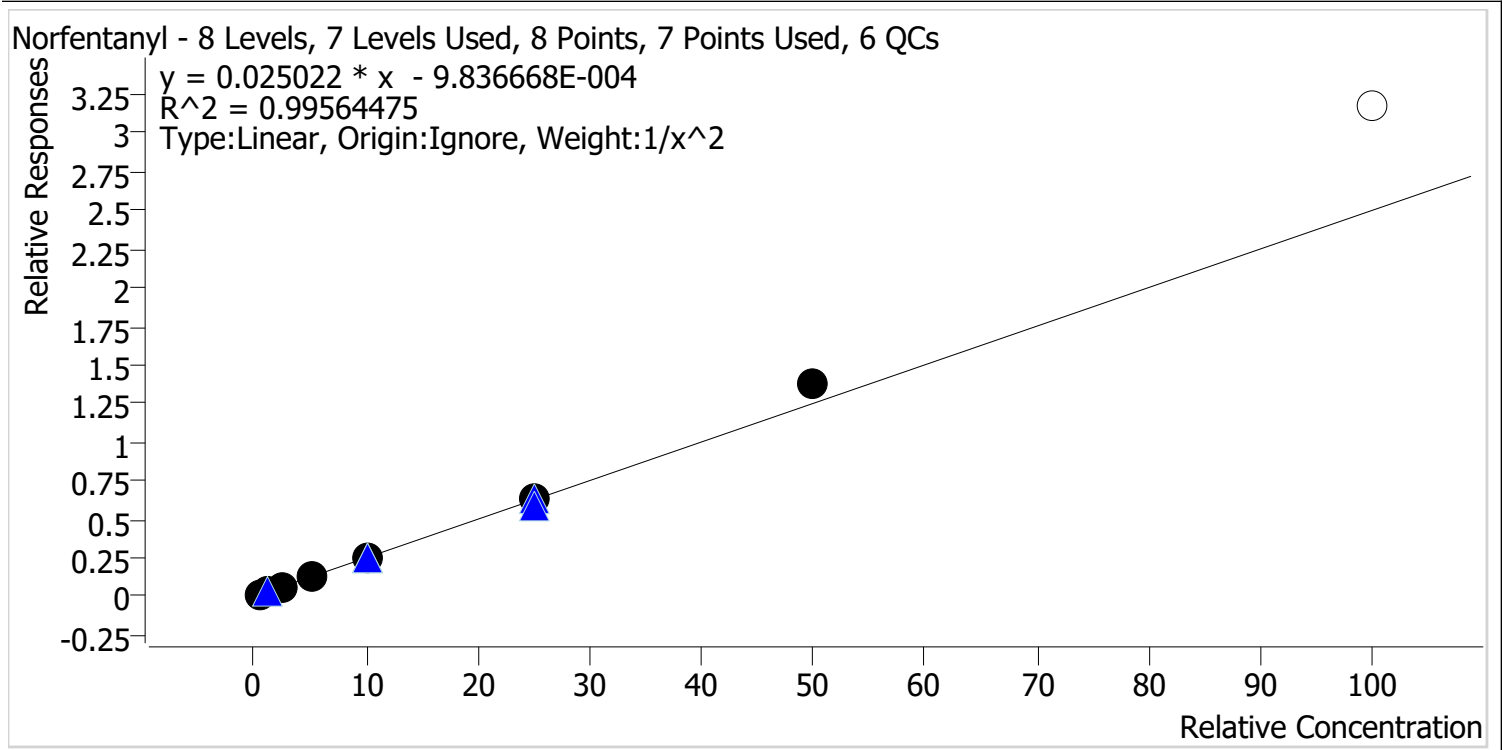


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	485.1	97.0
p1 Cal 8-1000ng	8	✓	1000.0	966.3	96.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



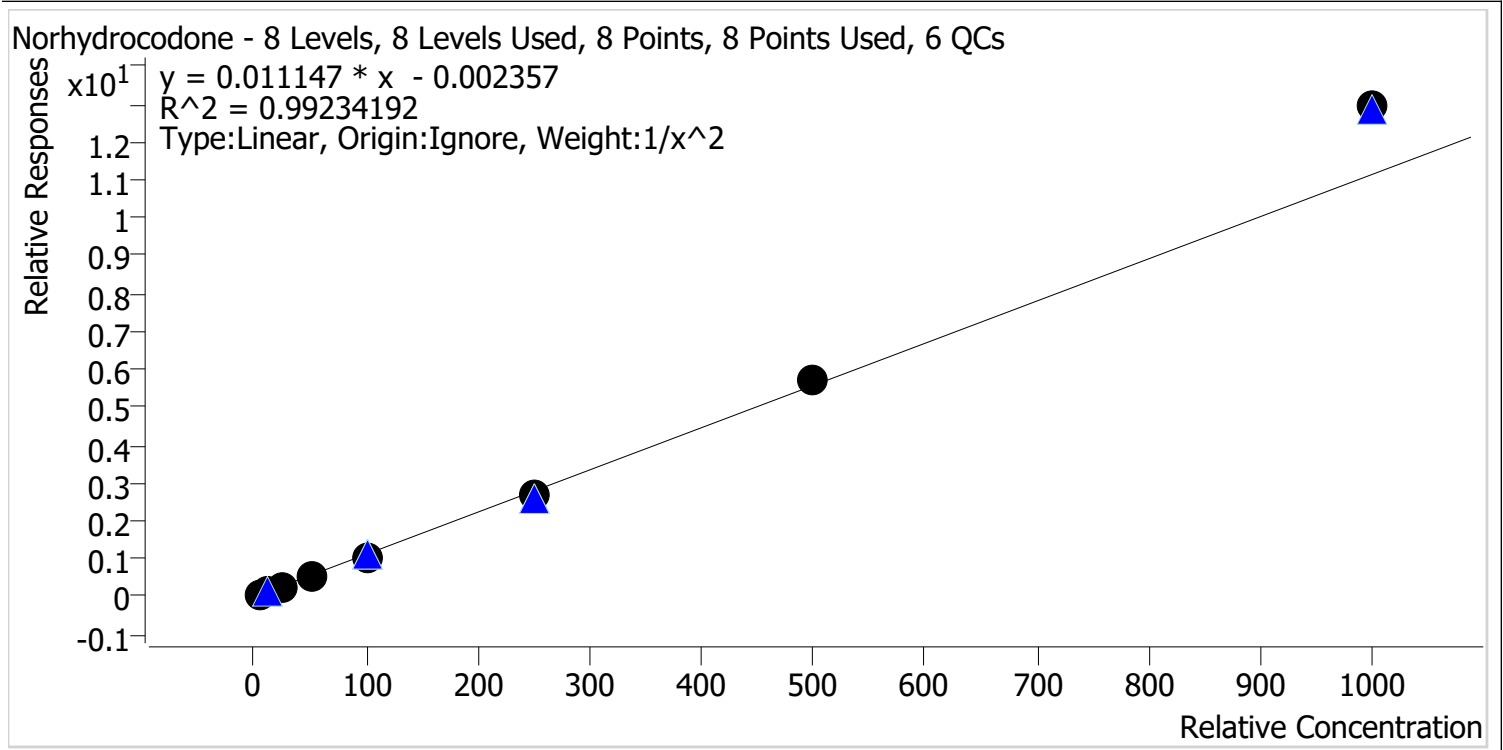
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	0.5	0.5	103.1
p1 Cal 2-10ng	2	✓	1.0	1.0	97.0
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.7
p1 Cal 4-50ng	4	✓	5.0	5.0	100.7
p1 Cal 5-100ng	5	✓	10.0	9.7	97.2
p1 Cal 6-250ng	6	✓	25.0	25.2	100.9
p1 Cal 7-500ng	7	✓	50.0	54.7	109.5
p1 Cal 8-1000ng	8	x	100.0	127.0	127.0

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



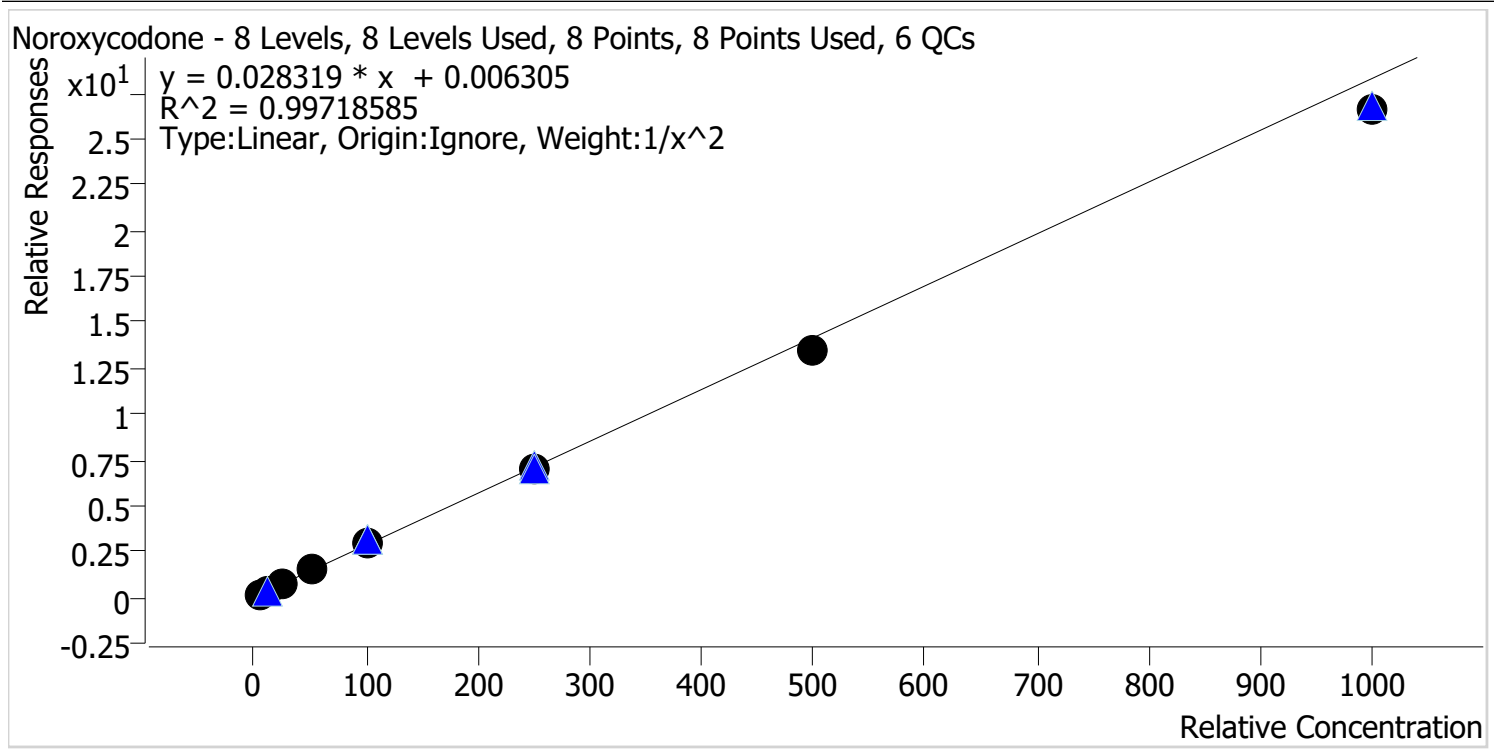
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.1
p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng	5	✓	100.0	93.7	93.7
p1 Cal 6-250ng	6	✓	250.0	241.0	96.4
p1 Cal 7-500ng	7	✓	500.0	512.1	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1161.5	116.1

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



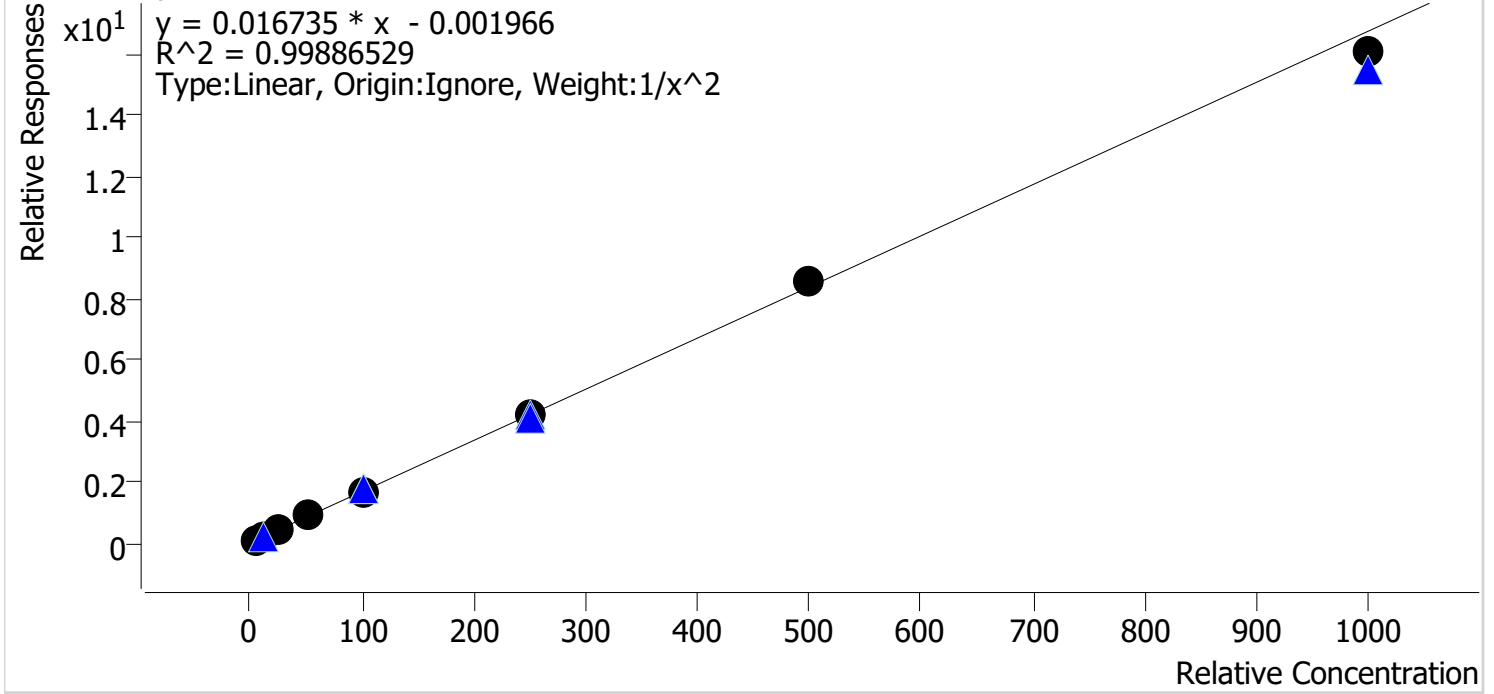
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	477.6	95.5
p1 Cal 8-1000ng	8	✓	1000.0	937.0	93.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

O-desmethyl-tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

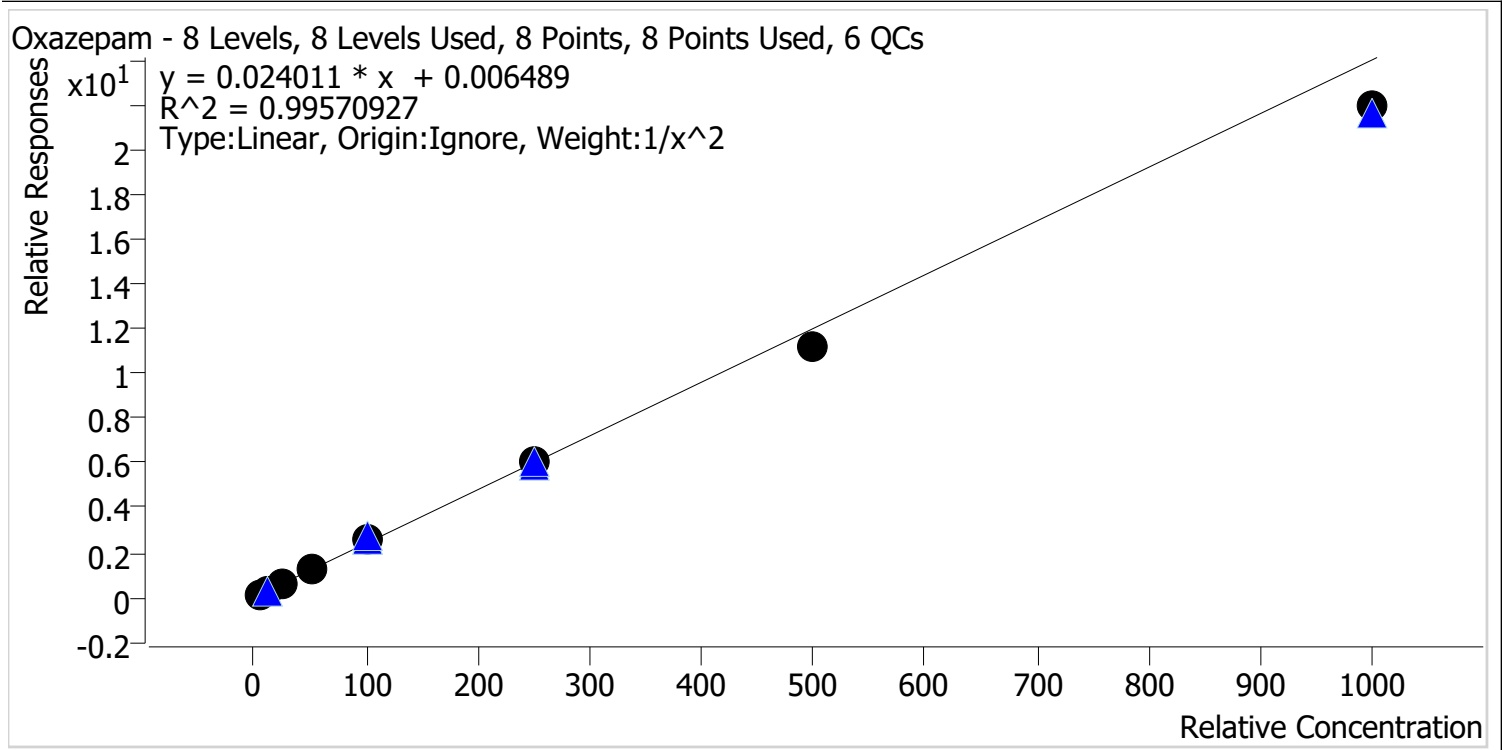


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.4
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	514.8	103.0
p1 Cal 8-1000ng	8	✓	1000.0	959.5	95.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	466.1	93.2
p1 Cal 8-1000ng	8	✓	1000.0	913.6	91.4

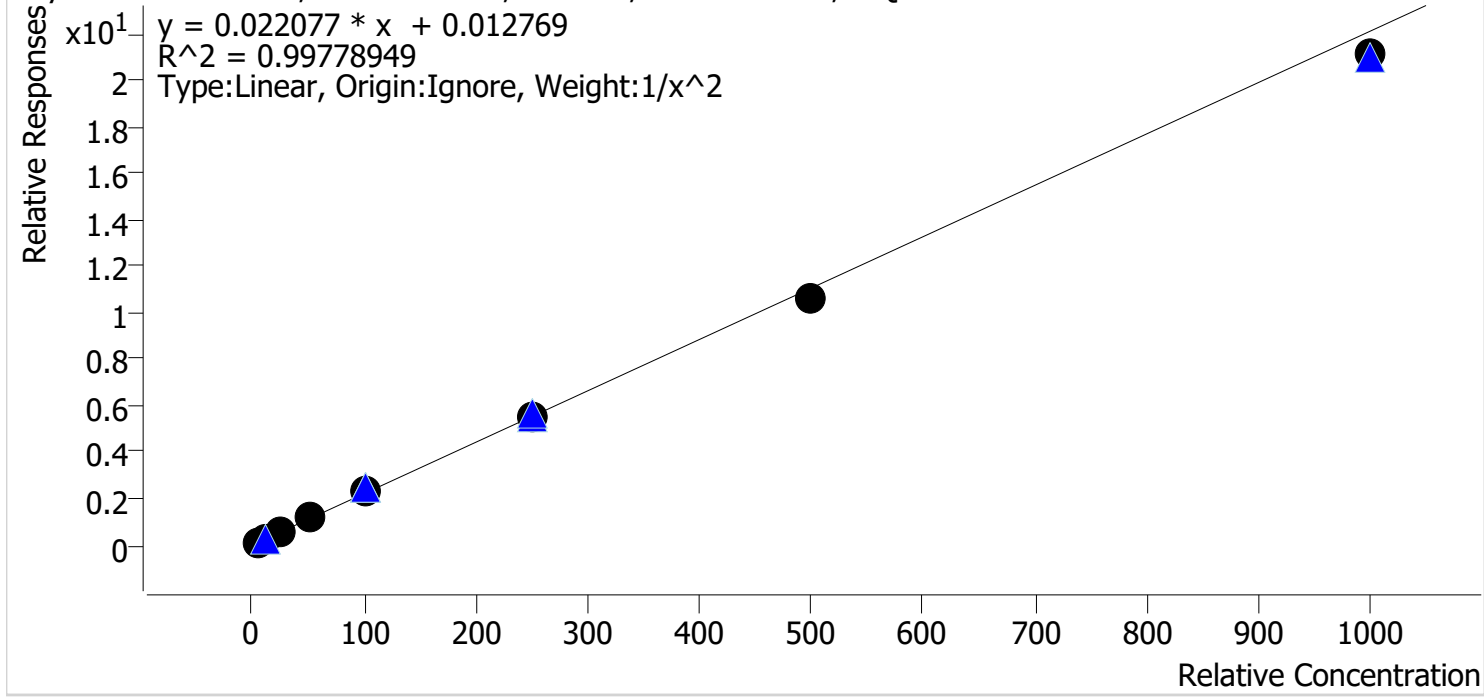
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



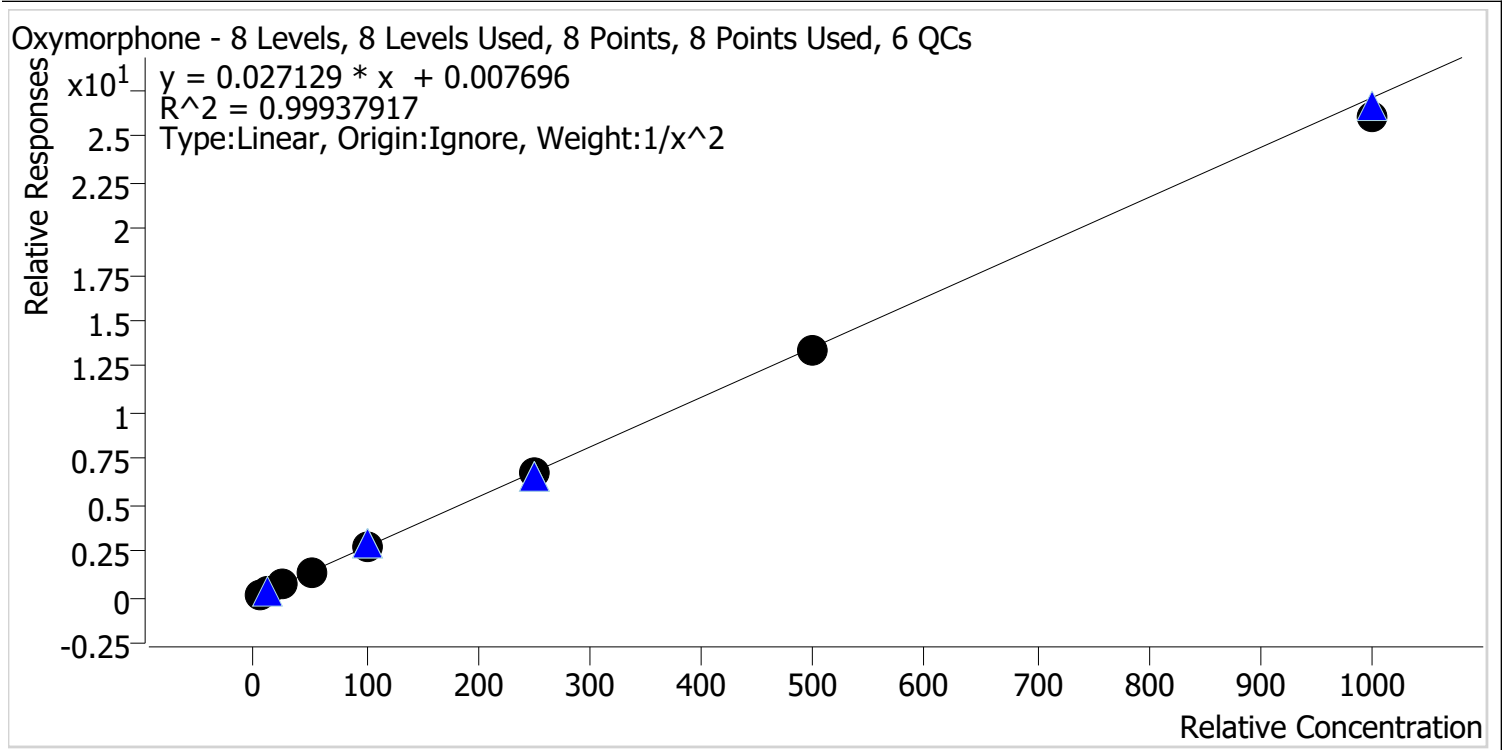
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	248.4	99.4
p1 Cal 7-500ng	7	✓	500.0	481.2	96.2
p1 Cal 8-1000ng	8	✓	1000.0	955.1	95.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

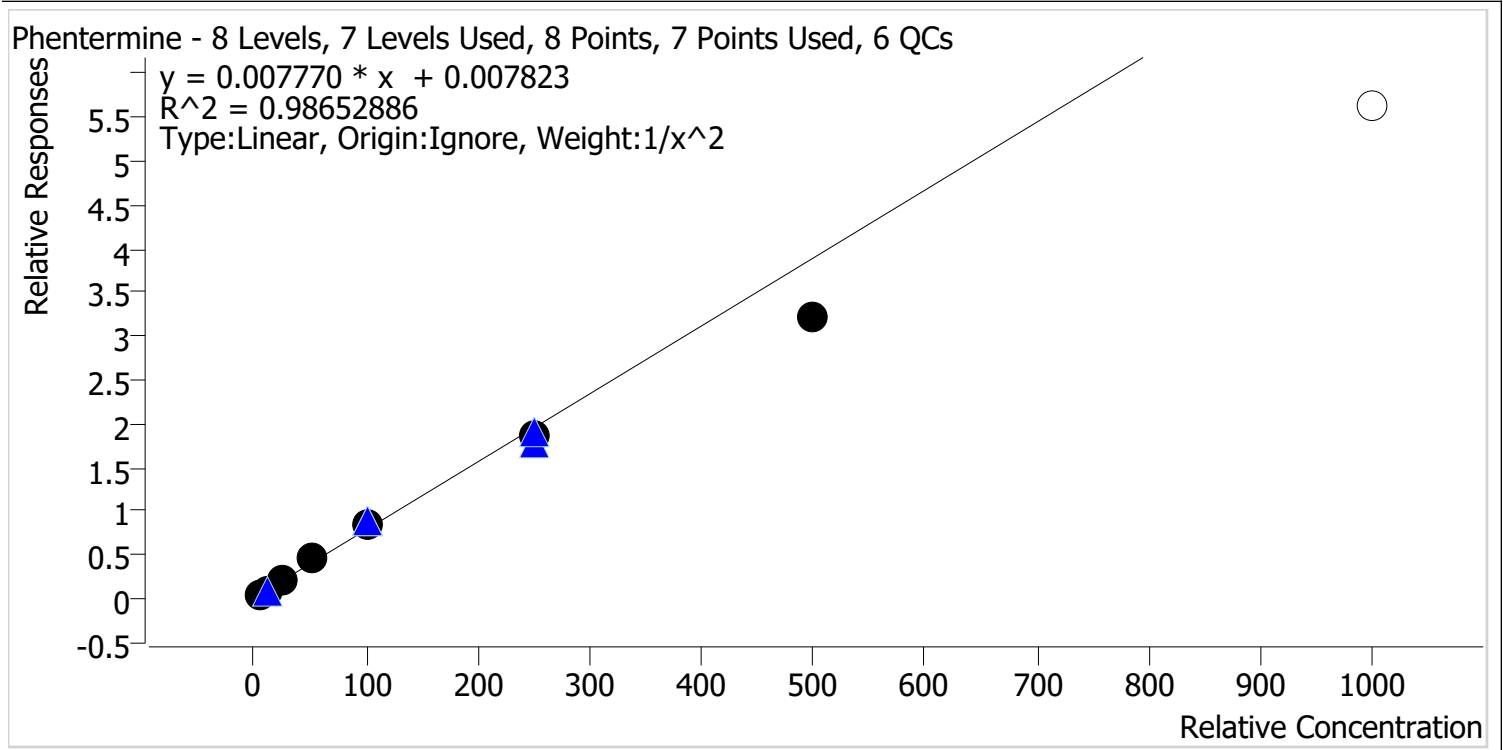


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	496.2	99.2
p1 Cal 8-1000ng	8	✓	1000.0	964.0	96.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



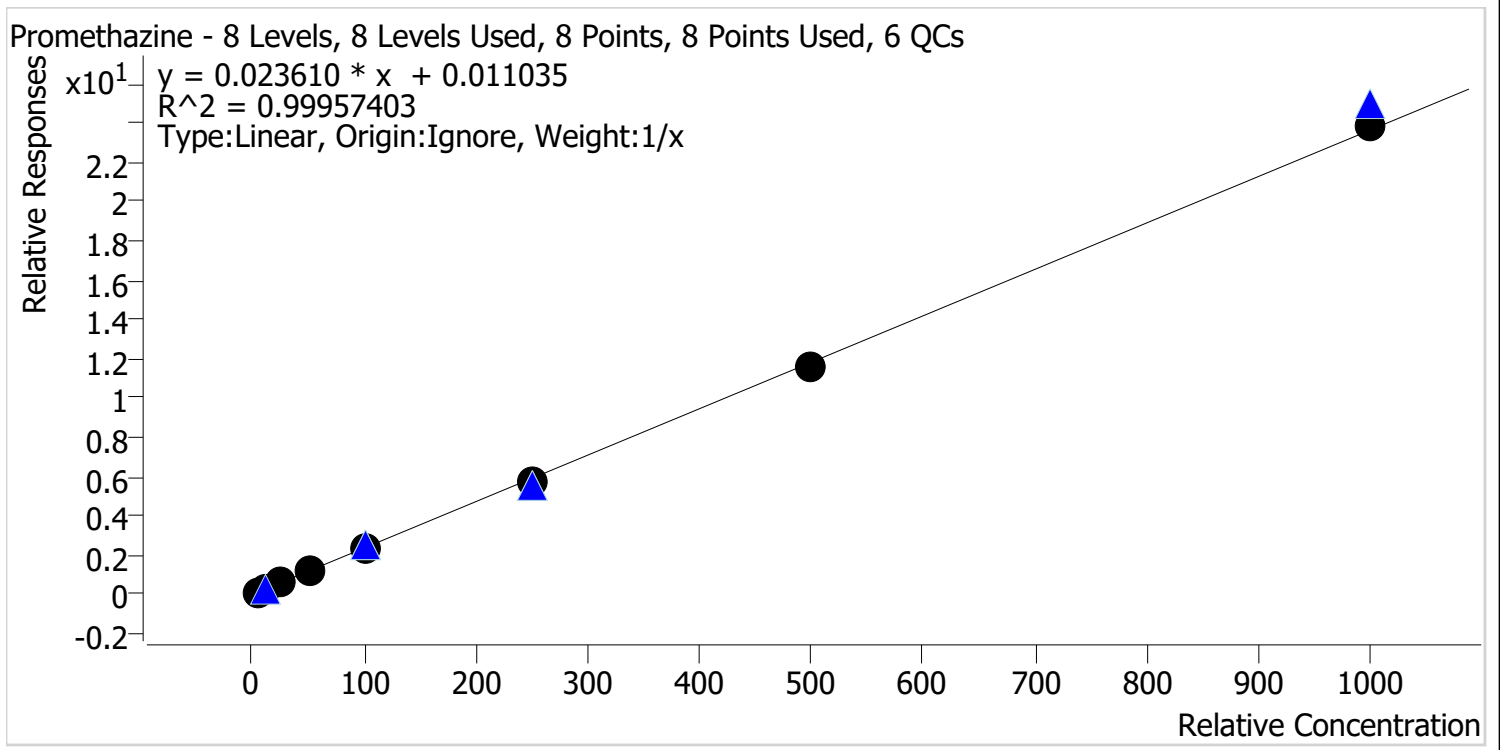
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.8	96.1
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	56.7	113.5
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	236.2	94.5
p1 Cal 7-500ng	7	✓	500.0	413.8	82.8
p1 Cal 8-1000ng	8	x	1000.0	723.3	72.3

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\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



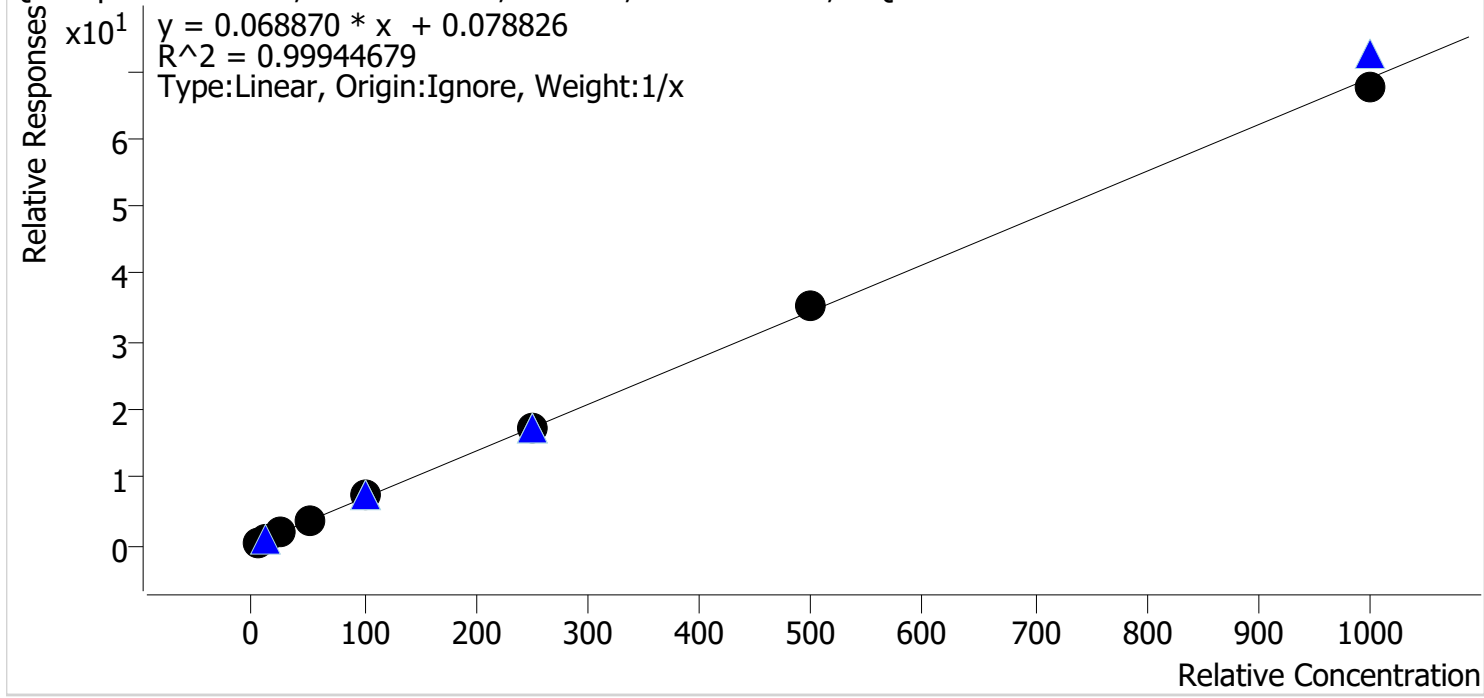
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.4	88.8
p1 Cal 2-10ng	2	✓	10.0	11.4	113.6
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.7
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	245.5	98.2
p1 Cal 7-500ng	7	✓	500.0	493.5	98.7
p1 Cal 8-1000ng	8	✓	1000.0	1008.5	100.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 9:54 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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

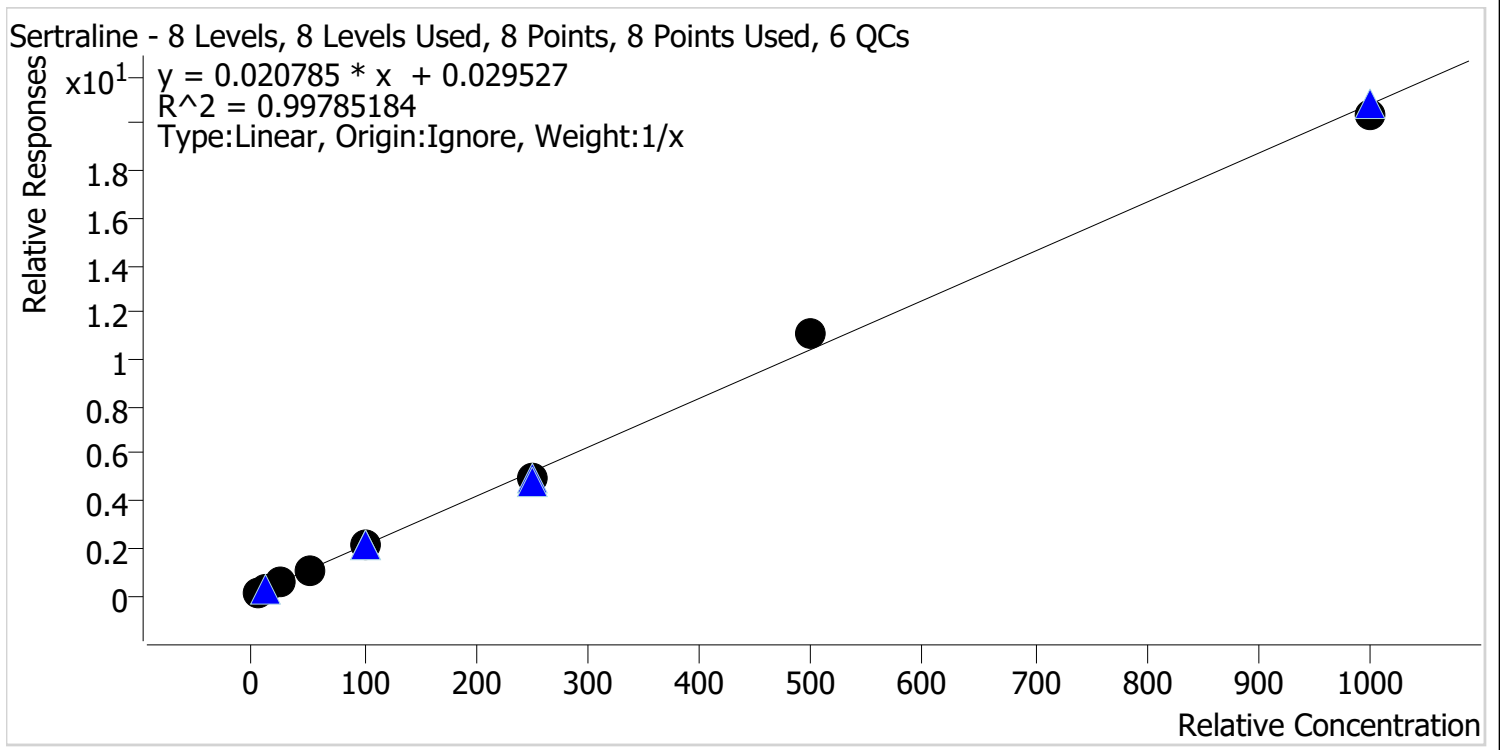


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.3	86.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	508.0	101.6
p1 Cal 8-1000ng	8	✓	1000.0	983.0	98.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

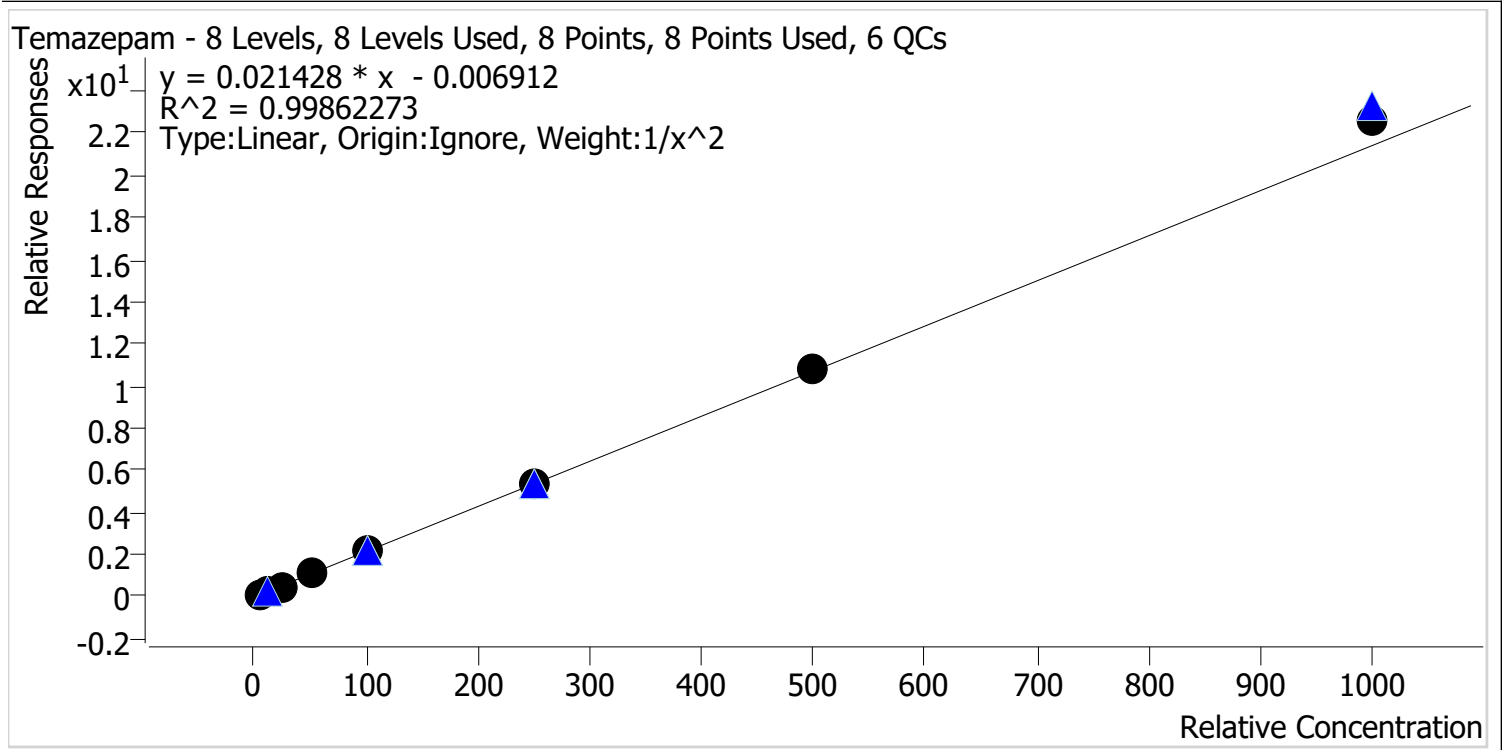


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.0	80.7
p1 Cal 2-10ng	2	✓	10.0	11.9	118.7
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	237.3	94.9
p1 Cal 7-500ng	7	✓	500.0	532.3	106.5
p1 Cal 8-1000ng	8	✓	1000.0	978.1	97.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

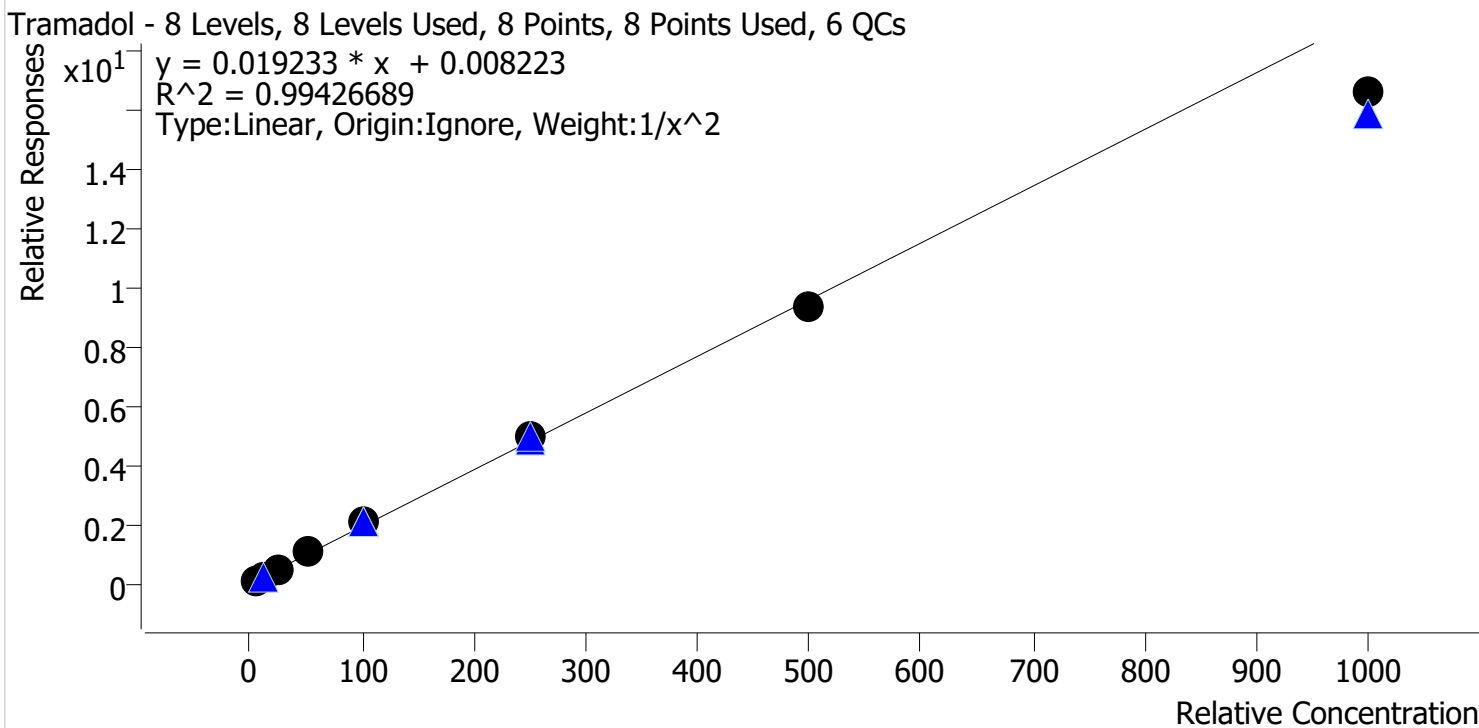


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	501.8	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1059.2	105.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

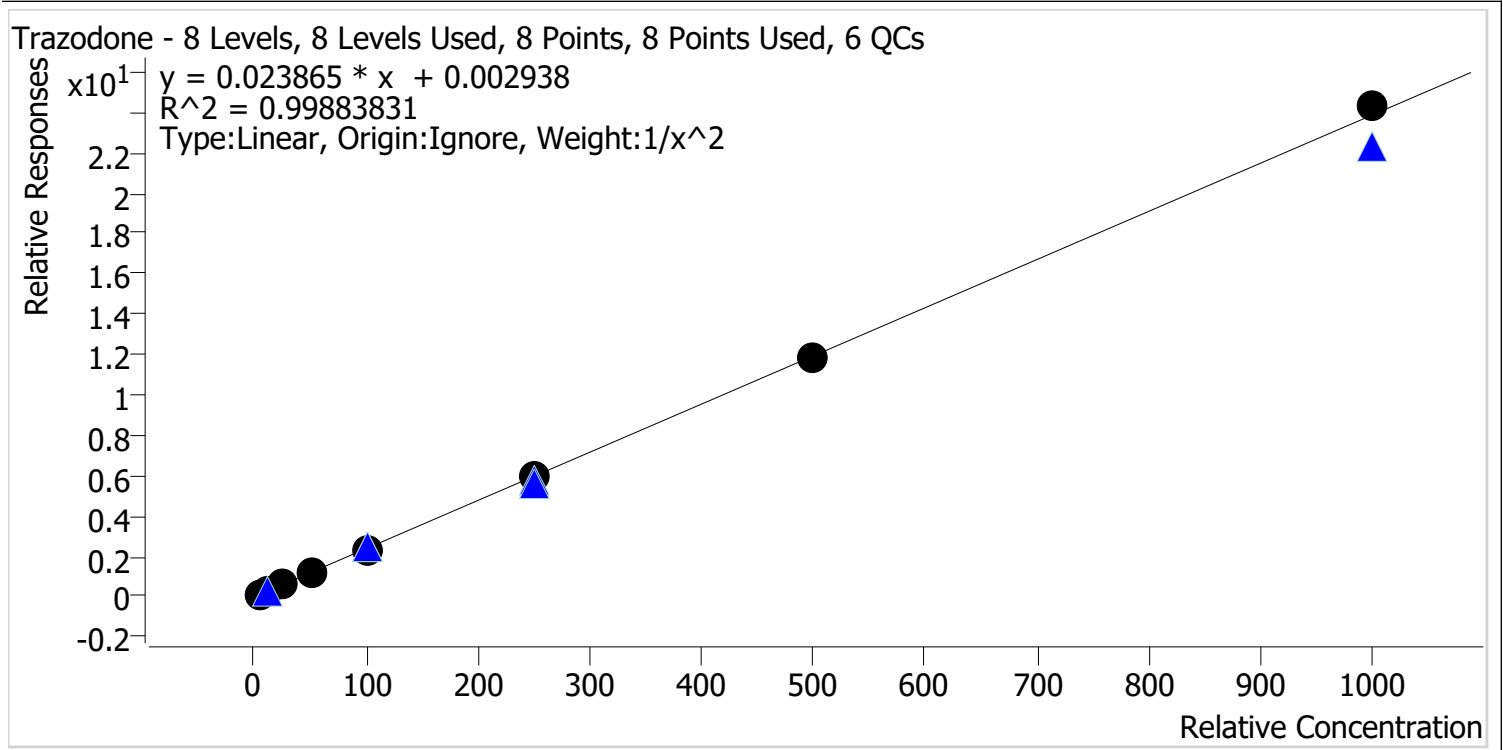


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	53.9	107.9
p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
p1 Cal 6-250ng	6	✓	250.0	258.5	103.4
p1 Cal 7-500ng	7	✓	500.0	485.8	97.2
p1 Cal 8-1000ng	8	✓	1000.0	865.6	86.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datator
Analyte Trazodone **Internal Standard** Trazodone-D6

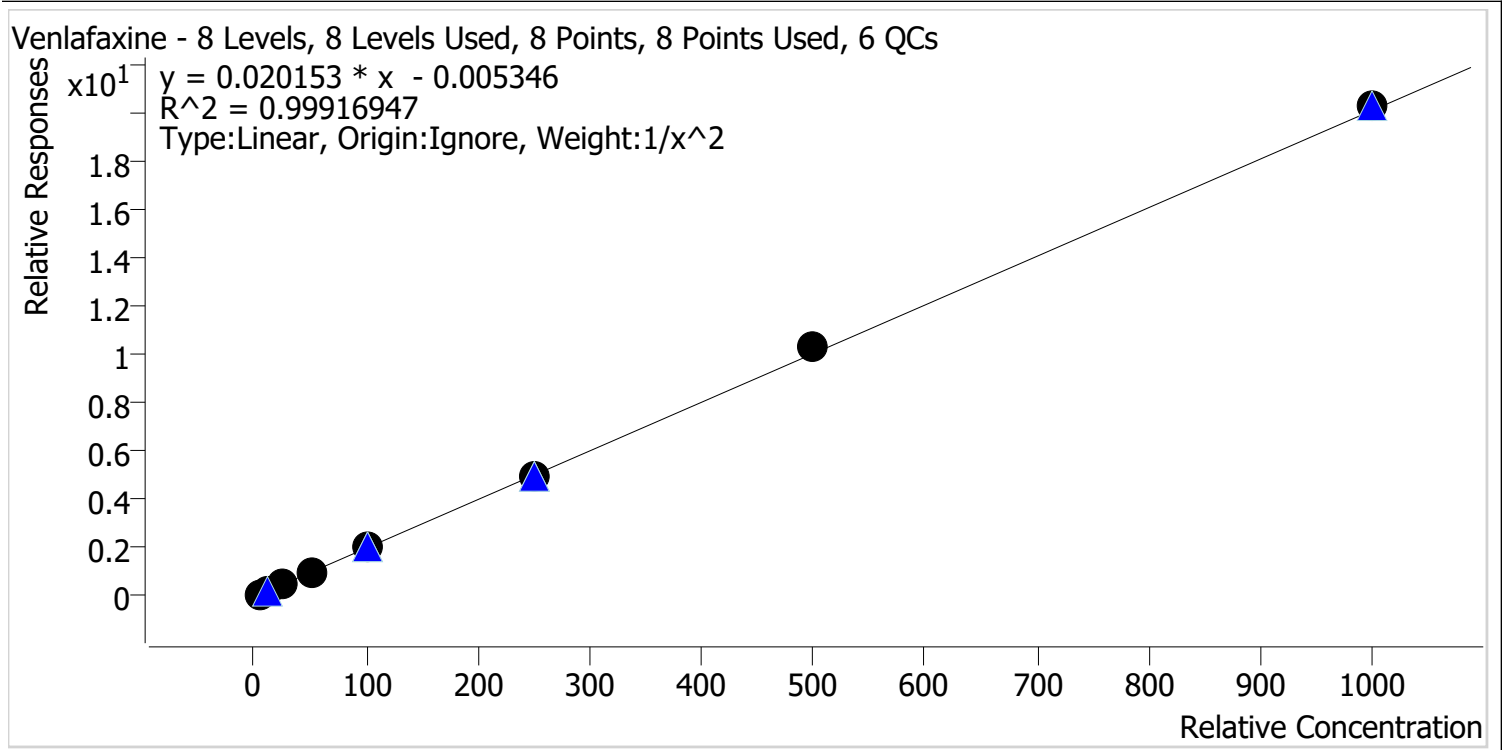


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	246.4	98.5
p1 Cal 7-500ng	7	✓	500.0	497.1	99.4
p1 Cal 8-1000ng	8	✓	1000.0	1018.2	101.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

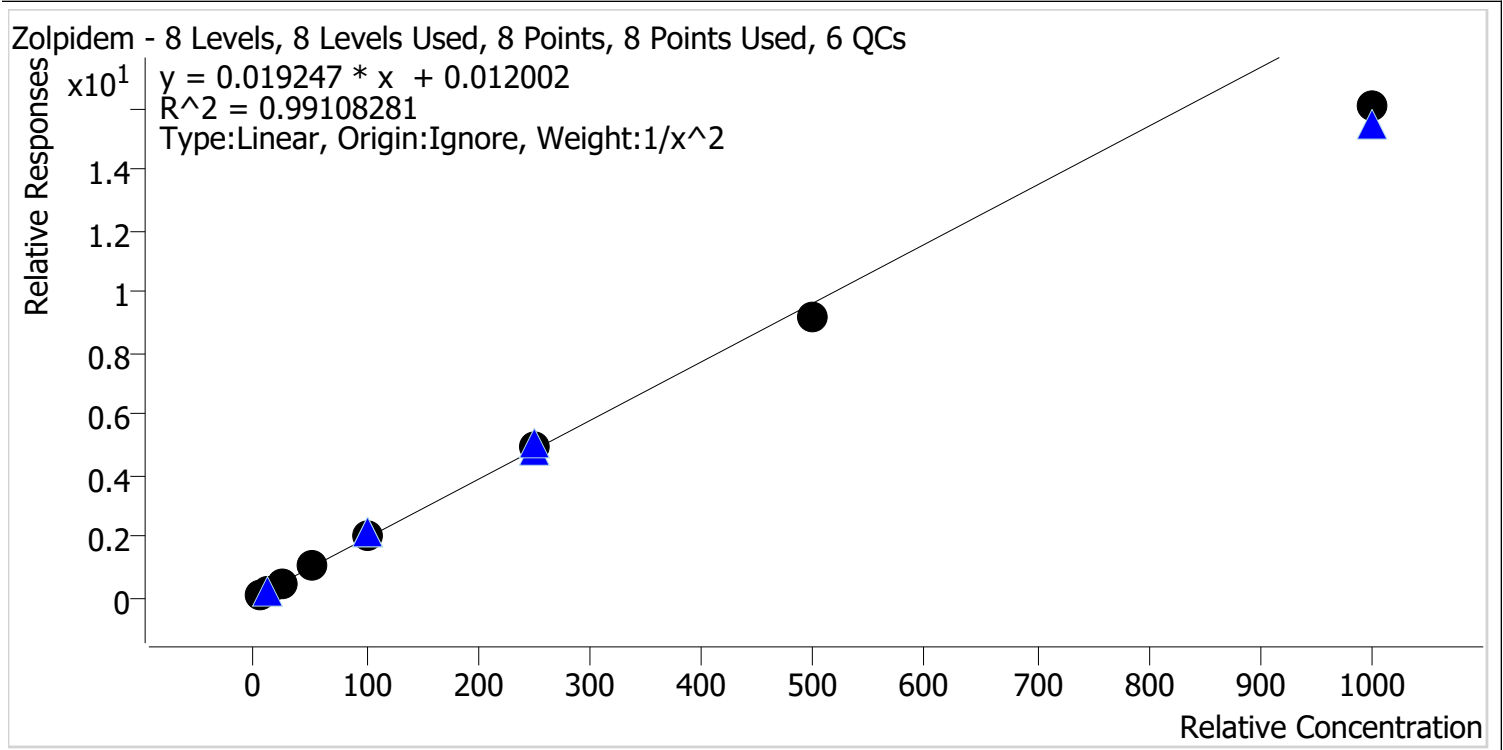


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.6
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	513.0	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1008.5	100.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1
 Updated.batch.bin
Last Cal. Update 4/2/2021 7:33 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng-r	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	55.6	111.2
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	256.6	102.6
p1 Cal 7-500ng	7	✓	500.0	478.7	95.7
p1 Cal 8-1000ng	8	✓	1000.0	834.1	83.4

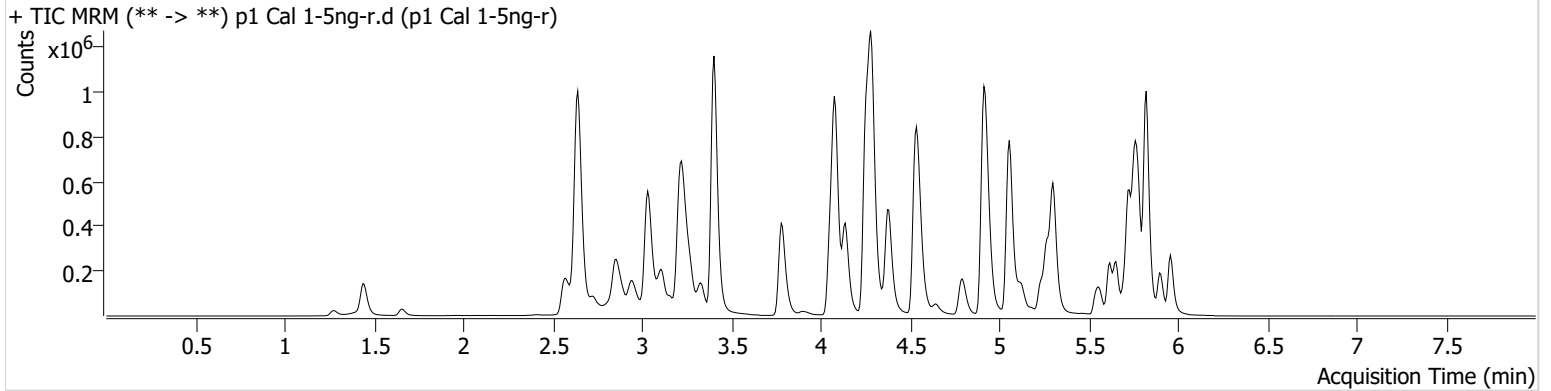
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 9:54:35 AM

Instrument	Instrument 1	Data File	p1 Cal 1-5ng-r.d
Type	Cal	Sample	p1 Cal 1-5ng-r
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-H12	Comment	
Injection Volume	2		
Acq. Date-Time	3/29/2021 3:56:02 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	2690	136.06	71.1	377.53	133155	0.5029 ng/ml
7-aminoclonazepam	4.298	43865	2460.08	82.1	699.80	319666	5.1308 ng/ml
a-hydroxyalprazolam	5.705	28810	56.52	57.6	64.74	197869	4.8768 ng/ml
alpha-PHP	4.950	24250	272.53	271.6	4097.22	1065734	4.6590 ng/ml
alpha-PVP	4.390	116688	2317.18	52.6	437.93	1065734	5.0607 ng/ml
Alprazolam	5.782	92213	676.10	113.6	875.55	665173	5.0294 ng/ml
Amphetamine	3.116	265640	2079.53	49.7	305.79	504584	4.6916 ng/ml
Benzoylecgonine	3.926	6589	95.62	9.1	236.06	30196	8.5968 ng/ml
Buprenorphine	5.853	526	14.90	14.8	128.73	47604	0.4980 ng/ml
Bupropion	4.809	51100	188.21	63.1	200.34	400193	4.9319 ng/ml
Carisoprodol	5.730	93016	6625.65	54.2	266.10	922405	5.0703 ng/ml
Citalopram	5.232	35991	692.18	43.0	283.32	318805	5.3166 ng/ml
Clonazepam	5.618	106759	2605.28	32.6	348.33	246507	4.9057 ng/ml
Clonazolam	5.562	75647	11210.25	38.4	55464.56	246507	4.9933 ng/ml
Cocaine	4.284	108558	316.49	51.1	731.18	1991342	5.1156 ng/ml
Codeine	2.627	14146	17883.23	102.0	27378.94	137576	4.8008 ng/ml
Cyclobenzaprine	5.622	6957	38.00	9.2	15.96	55370	4.2569 ng/ml
Dextromethorphan	5.275	13123	71.30	82.6	72.47	127082	4.9386 ng/ml
Dextrophan	4.139	34804	429.05	203.9	357.66	817264	5.0911 ng/ml
Diazepam	5.967	51083	683.87	88.9	1244.34	474562	4.9622 ng/ml
Dihydrocodeine	2.599	36690	460.90	60.3	468.85	416706	4.8461 ng/ml
Diphenhydramine	5.303	96930	1881.86	32.7	1705.23	1162686	5.0767 ng/ml
Doxylamine	4.556	251704	5402.47	98.5	2803.60	2185408	4.9170 ng/ml
EDDP	5.268	51813	65.29	43.4	6962.05	549180	5.0413 ng/ml
Etizolam	5.820	54050	1634.44	24.8	25408.48	246507	5.9782 ng/ml
Fentanyl	5.116	1227	10.06	67.0	1899.17	107925	0.4902 ng/ml
Flualprazolam	5.712	45784	1070.30	94.2	4337.24	665173	4.9723 ng/ml
Fluoxetine	5.714	6986	110.74	9.3	130.25	47385	0.2865 ng/ml
Hydrocodone	3.059	51391	226.16	38.3	82.17	1201928	4.7188 ng/ml
Hydromorphone	1.660	48328	2984.95	76.5	26.53	26181	4.8496 ng/ml
Ketamine	4.072	108197	528.70	37.7	85.56	981844	4.9751 ng/ml
Lamotrigine	4.321	8980	123.13	80.4	152.45	981844	4.8401 ng/ml
Levetiracetam	2.730	50252	156.75	168.4	1114.43	2682733	5.3538 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	89561	569.13	58.7	67.39	246507	4.7553 ng/ml
MDA	3.250	164050	1056.77	25.8	164.61	828674	4.7701 ng/ml
MDMA	3.337	98300	6611.19	76.7	627.69	184732	5.0254 ng/ml
Meprobamate	4.944	60332	3059.06	27.2	314.38	512473	4.8935 ng/ml
Methadone	5.653	42183	49.71	44.2	1316.99	377984	4.9726 ng/ml
Methamphetamine	3.271	218695	650.85	38.5	1170.75	1412411	4.9705 ng/ml
Metoprolol	4.346	24967	3727.07	93.5	485.81	2217192	4.8298 ng/ml
Mirtazapine	4.644	58431	955.17	49.7	1113.44	1065734	4.4658 ng/ml
Mitragynine	5.250	4329	14.78	45.5	3981.26	377984	4.6502 ng/ml
Morphine	1.287	6835	36.57	29.0	560.99	16476	4.8760 ng/ml
Nordiazepam	5.906	46895	302.64	56.3	341.13	312352	4.8985 ng/ml
Norfentanyl	4.106	23624	502.15	33.9	41.45	1982187	0.5156 ng/ml
Norhydrocodone	3.107	8543	327.24	42.3	117.77	156122	5.1205 ng/ml
Noroxycodone	2.964	57475	16.01	43.7	1255.53	399565	4.8567 ng/ml
O-desmethyl-tramadol	3.409	225240	7079.60	7.0	343.47	2727927	5.0514 ng/ml
Oxazepam	5.763	111272	305.51	77.3	237.69	885988	4.9604 ng/ml
Oxycodone	2.881	106442	251.66	27.0	247.03	865292	4.9937 ng/ml
Oxymorphone	1.445	52409	120.51	42.6	364.80	367799	4.9688 ng/ml
Phentermine	3.817	50451	724.72	4.9	46.66	1117332	4.8043 ng/ml
Promethazine	5.545	12368	50.45	28.3	22.75	106697	4.4424 ng/ml
Pseudoephedrine	2.650	275737	261.70	16.7	1934.84	2682733	5.8733 ng/ml
Quetiapine	5.562	39884	118.84	57.1	∞	105628	4.3382 ng/ml
Sertraline	5.782	2538	15.84	96.9	422.78	22374	4.0366 ng/ml
Temazepam	5.830	187303	1744.35	28.6	66.64	1832027	5.0938 ng/ml
Tramadol	4.266	227905	1545.51	3.8	38.69	2217192	4.9170 ng/ml
Trazodone	5.183	29581	76.75	79.9	1070.24	243761	4.9619 ng/ml
Venlafaxine	5.057	175533	11464.75	39.3	100.71	1818290	5.0556 ng/ml
Zolpidem	4.935	228929	805.94	31.4	147.77	2174674	4.8459 ng/ml

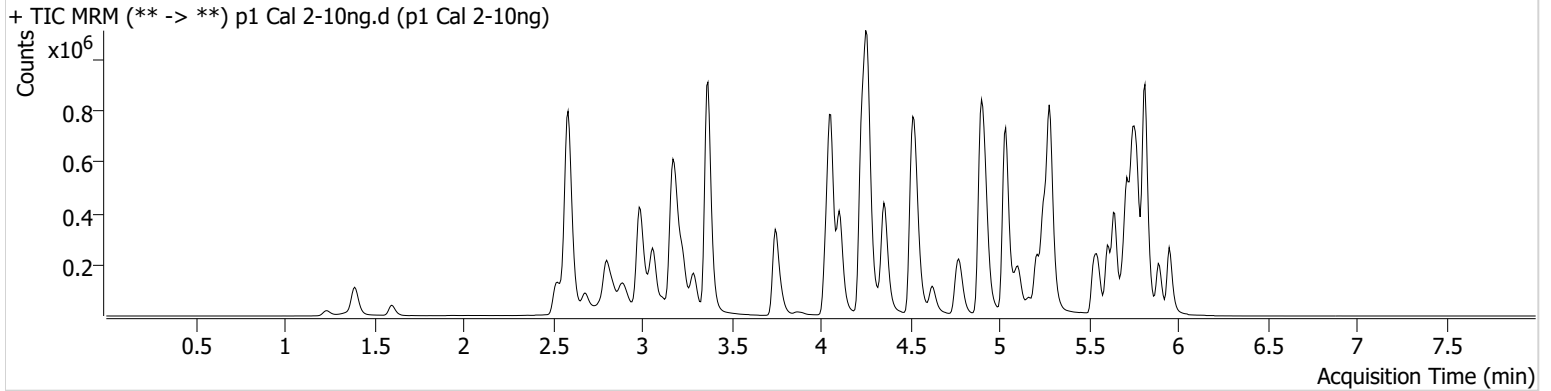
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 9:54:35 AM

Instrument	Instrument 1	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-G12	Comment	
Injection Volume	2		
Acq. Date-Time	3/25/2021 10:57:54 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	3936	266.43	69.5	51.14	97684	1.0088 ng/ml
7-aminoclonazepam	4.271	71564	1524.93	81.7	92.58	260106	9.8238 ng/ml
a-hydroxyalprazolam	5.699	42467	603.37	60.5	246.16	155145	10.1935 ng/ml
alpha-PHP	4.930	46959	1454.81	264.9	815.08	850674	10.9287 ng/ml
alpha-PVP	4.363	186536	773.02	53.4	390.07	850674	9.8813 ng/ml
Alprazolam	5.775	140450	545.20	112.1	1327.10	500226	9.9989 ng/ml
Amphetamine	3.063	396536	640.53	48.2	224.08	380341	10.7027 ng/ml
Benzoylecgonine	3.892	5710	53.42	7.5	64.48	21523	10.2697 ng/ml
Buprenorphine	5.846	2399	135.47	15.4	886.56	80309	1.0669 ng/ml
Bupropion	4.788	131862	322.02	60.3	765.54	472792	10.3220 ng/ml
Carisoprodol	5.724	138782	337.37	53.9	177.32	688422	9.9274 ng/ml
Citalopram	5.212	96218	193.46	41.2	259.12	427327	10.3299 ng/ml
Clonazepam	5.612	159883	4283.84	33.0	989.69	188451	10.0895 ng/ml
Clonazepam	5.548	107200	17440.17	38.0	100346.30	188451	9.8467 ng/ml
Cocaine	4.257	161180	4497.73	53.2	137.45	1554703	9.6584 ng/ml
Codeine	2.580	20479	3134.70	103.5	228.22	102103	10.2441 ng/ml
Cyclobenzaprine	5.615	36778	481.78	7.3	50.91	115018	11.9863 ng/ml
Dextromethorphan	5.255	45391	220.23	80.0	433.34	207098	10.3203 ng/ml
Dextrophan	4.111	56916	360.32	202.1	1552.29	698712	9.7871 ng/ml
Diazepam	5.960	84096	251.91	89.1	204.55	387824	10.1570 ng/ml
Dihydrocodeine	2.552	51528	8064.31	64.6	1228.77	300868	10.1748 ng/ml
Diphenhydramine	5.289	241351	227.24	34.0	3532.57	1454367	9.9627 ng/ml
Doxylamine	4.529	413390	6371.08	97.3	8946.91	1767776	10.1761 ng/ml
EDDP	5.254	110928	∞	41.5	428.70	574243	10.0639 ng/ml
Etizolam	5.813	84641	1176.90	26.2	51199.09	188451	10.4938 ng/ml
Fentanyl	5.103	4446	158.64	63.9	4443.98	192861	1.0546 ng/ml
Flualprazolam	5.705	65293	2179.49	94.4	41364.62	500226	9.9824 ng/ml
Fluoxetine	5.700	39354	521.64	7.4	28.15	108895	10.0711 ng/ml
Hydrocodone	3.018	78711	323.16	38.2	366.16	878652	10.7051 ng/ml
Hydromorphone	1.601	68290	1111.59	76.2	1967.56	18557	10.2842 ng/ml
Ketamine	4.051	156670	1974.18	37.4	∞	744140	9.9177 ng/ml
Lamotrigine	4.280	13941	380.11	82.6	93.00	744140	10.3746 ng/ml
Levetiracetam	2.683	63138	404.19	167.7	1406.62	1869643	9.2182 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	149424	920.41	54.8	372.48	188451	10.8048 ng/ml
MDA	3.203	260573	843.03	24.4	468.43	645850	10.4879 ng/ml
MDMA	3.296	149831	1481.06	77.1	1395.13	144436	9.8922 ng/ml
Meprobamate	4.924	80883	4270.16	27.7	495.94	352722	10.3752 ng/ml
Methadone	5.646	138470	1153.89	47.0	161.33	598843	10.2597 ng/ml
Methamphetamine	3.231	291286	5706.29	38.5	798.79	1078945	9.8577 ng/ml
Metoprolol	4.326	38979	2166.92	89.5	588.59	1699642	10.4157 ng/ml
Mirtazapine	4.624	172382	4596.38	48.2	417.24	850674	11.7211 ng/ml
Mitragynine	5.230	19693	538.89	35.2	89.64	598843	11.4753 ng/ml
Morphine	1.240	10000	416.03	28.5	479.64	11369	10.3928 ng/ml
Norbuprenorphine	4.992	477	932.60	82.3	617.17	13973	1.0685 ng/ml
Nordiazepam	5.900	85628	201.34	56.2	1231.73	276480	10.3444 ng/ml
Norfentanyl	4.079	34716	201.44	34.3	135.42	1490717	0.9700 ng/ml
Norhydrocodone	3.066	12048	89.54	43.5	52.99	110791	9.9674 ng/ml
Noroxycodone	2.909	89344	206.11	41.0	560.71	296052	10.4338 ng/ml
O-desmethyl-tramadol	3.369	328249	939.66	6.8	377.50	2004793	9.9014 ng/ml
Oxazepam	5.756	168771	1730.08	76.6	113.77	693437	9.8662 ng/ml
Oxycodone	2.834	158019	733.22	26.6	492.06	682392	9.9108 ng/ml
Oxymorphone	1.398	74990	440.82	42.5	760.60	269724	9.9647 ng/ml
Phentermine	3.783	78965	1957.26	4.3	75.49	895712	10.3390 ng/ml
Promethazine	5.532	69696	105.19	28.1	86.32	249634	11.3580 ng/ml
Pseudoephedrine	2.596	378590	889.92	16.6	1700.07	1869643	10.1914 ng/ml
Quetiapine	5.548	109711	199.52	56.2	1572.08	140606	10.1851 ng/ml
Sertraline	5.776	16260	43.57	105.4	112.11	58845	11.8738 ng/ml
Temazepam	5.823	289726	630.24	29.2	586.63	1421090	9.8370 ng/ml
Tramadol	4.246	345905	567.90	3.7	164.58	1699642	10.1542 ng/ml
Trazodone	5.163	79325	2038.37	82.3	1328.39	319336	10.2859 ng/ml
Venlafaxine	5.037	292031	1897.16	40.4	294.29	1496773	9.9467 ng/ml
Zolpidem	4.921	352350	287.30	31.3	747.92	1681333	10.2646 ng/ml

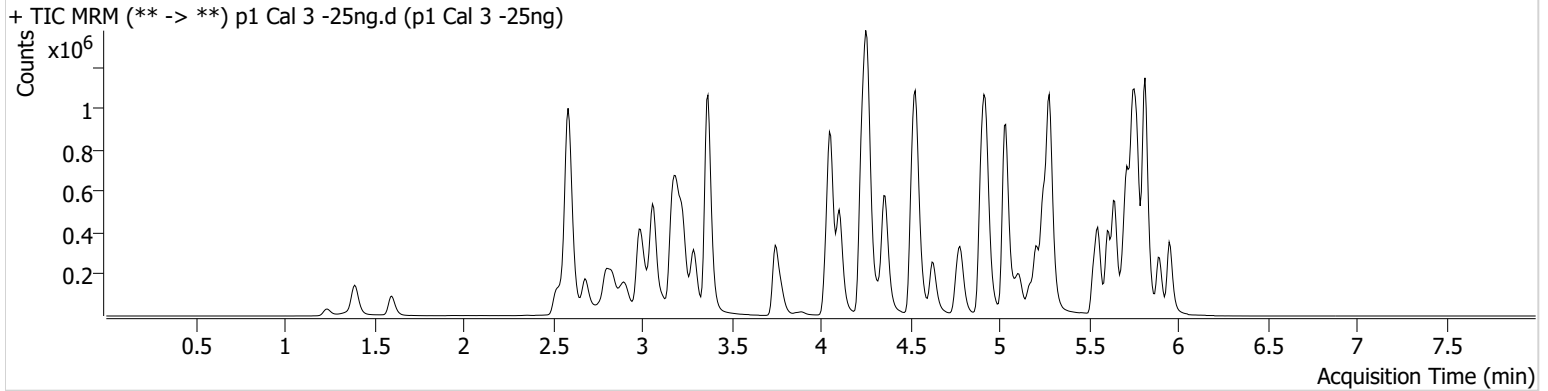
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 9:54:35 AM

Instrument	Instrument 1	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-F12	Comment	
Injection Volume	2		
Acq. Date-Time	3/25/2021 11:08:30 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	8884	2503.59	71.5	264.22	95841	2.3284 ng/ml
7-aminoclonazepam	4.271	148067	6649.97	80.8	3361.98	222620	23.0945 ng/ml
a-hydroxyalprazolam	5.692	99567	2077.88	59.6	338.27	147334	26.8782 ng/ml
alpha-PHP	4.930	113859	1381.20	266.9	2314.46	842216	26.3840 ng/ml
alpha-PVP	4.363	451399	3912.44	52.1	6004.33	842216	23.7861 ng/ml
Alprazolam	5.775	322063	1385.48	113.1	491.83	478888	23.6951 ng/ml
Amphetamine	3.063	913744	2612.92	48.9	358.59	378290	26.6921 ng/ml
Benzoylecgonine	3.892	12832	3011.24	8.9	∞	19932	23.7160 ng/ml
Buprenorphine	5.860	5481	225.13	14.4	1581.71	80663	2.2174 ng/ml
Bupropion	4.788	339510	524.17	60.8	981.10	509080	24.1528 ng/ml
Carisoprodol	5.724	315549	11459.03	54.3	1006.06	648212	23.6766 ng/ml
Citalopram	5.212	223494	465.09	43.6	812.30	427796	23.6044 ng/ml
Clonazepam	5.612	370086	436.06	32.1	237.42	179596	25.2204 ng/ml
Clonazepam	5.548	246969	13946.12	37.5	61333.99	179596	24.7843 ng/ml
Cocaine	4.257	385799	5372.70	51.4	6646.12	1492376	23.9677 ng/ml
Codeine	2.580	48464	11612.86	100.3	1867.67	97696	26.6999 ng/ml
Cyclobenzaprine	5.615	69500	2645.65	8.0	60.10	110797	24.2310 ng/ml
Dextromethorphan	5.255	112366	6387.34	79.3	941.21	216606	24.2299 ng/ml
Dextrophan	4.105	134954	3672.29	205.3	6076.86	684221	23.7738 ng/ml
Diazepam	5.960	196588	2113.39	87.3	470.72	382031	24.3219 ng/ml
Dihydrocodeine	2.552	121174	2030.38	64.3	232.37	287997	26.1504 ng/ml
Diphenhydramine	5.282	588972	1393.29	33.3	720.14	1518079	23.0990 ng/ml
Doxylamine	4.536	969072	12742.19	98.7	5770.95	1730412	24.6311 ng/ml
EDDP	5.248	262749	392.09	43.2	1560.49	577429	23.3721 ng/ml
Etizolam	5.813	192514	8748.08	25.5	2087.26	179596	22.7275 ng/ml
Fentanyl	5.103	10447	199.49	69.7	185652.91	205717	2.3943 ng/ml
Flualprazolam	5.705	147293	3313.98	97.2	42844.24	478888	24.3593 ng/ml
Fluoxetine	5.700	58915	100.96	8.9	181.78	91812	22.8888 ng/ml
Hydrocodone	3.018	179429	553.86	37.8	227.32	859896	25.9293 ng/ml
Hydromorphone	1.601	159154	3276.49	76.3	479923.29	17993	25.5893 ng/ml
Ketamine	4.051	368420	1564.01	37.3	301.03	714594	24.9428 ng/ml
Lamotrigine	4.280	31891	881.80	84.4	609.29	714594	25.3211 ng/ml
Levetiracetam	2.683	148348	1468.57	169.3	903.26	1806940	21.6369 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	340459	1434.76	56.5	262.21	179596	26.3342 ng/ml
MDA	3.203	595560	3366.31	24.2	602.23	613975	26.2521 ng/ml
MDMA	3.290	362310	9031.67	77.9	750.09	142401	24.4081 ng/ml
Meprobamate	4.924	181524	41221.30	27.6	18603.08	342597	25.1393 ng/ml
Methadone	5.646	331608	4207.09	46.3	1337.23	615498	23.8511 ng/ml
Methamphetamine	3.231	666683	769.25	38.7	568.01	1058914	25.1226 ng/ml
Metoprolol	4.319	91479	8846.47	88.5	1730.66	1704566	25.1228 ng/ml
Mirtazapine	4.624	424939	1176.62	48.1	1499.85	842216	26.5398 ng/ml
Mitragynine	5.230	44377	226.62	40.6	131.97	615498	23.9631 ng/ml
Morphine	1.240	22723	263.89	28.2	196.13	10781	24.9706 ng/ml
Norbuprenorphine	4.979	820	410.51	116.8	2150.36	14750	2.1554 ng/ml
Nordiazepam	5.900	195842	3582.50	58.5	677.50	269106	24.6116 ng/ml
Norfentanyl	4.079	80307	665.42	33.3	540.68	1425080	2.2915 ng/ml
Norhydrocodone	3.059	25582	145.55	41.9	163.31	101677	22.7833 ng/ml
Noroxycodone	2.909	199168	1709.06	42.1	1725.74	280072	24.8884 ng/ml
O-desmethyl-tramadol	3.369	766294	22416.99	6.9	3184.88	1929329	23.8512 ng/ml
Oxazepam	5.756	398769	2455.67	74.4	302.08	642772	25.5677 ng/ml
Oxycodone	2.834	359397	1476.17	27.1	226.68	647307	24.5712 ng/ml
Oxymorphone	1.398	174199	∞	42.1	∞	248111	25.5966 ng/ml
Phentermine	3.783	186998	520.71	4.6	29.19	887722	26.1032 ng/ml
Promethazine	5.532	136940	2466.32	29.3	454.46	242856	23.4159 ng/ml
Pseudoephedrine	2.596	912851	14019.58	16.4	347.31	1806940	23.3001 ng/ml
Quetiapine	5.555	254857	16414.78	59.1	10151.77	142841	24.7624 ng/ml
Sertraline	5.769	24128	95.56	92.3	∞	44792	24.4960 ng/ml
Temazepam	5.816	660125	32746.74	28.6	3170.88	1321577	23.6330 ng/ml
Tramadol	4.246	826606	1138.04	3.7	567.52	1704566	24.7865 ng/ml
Trazodone	5.169	199812	7671.98	79.4	5554.10	351142	23.7212 ng/ml
Venlafaxine	5.037	691899	974.57	39.4	394.98	1468122	23.6507 ng/ml
Zolpidem	4.928	839341	2641.19	30.7	1139.01	1665187	25.5650 ng/ml

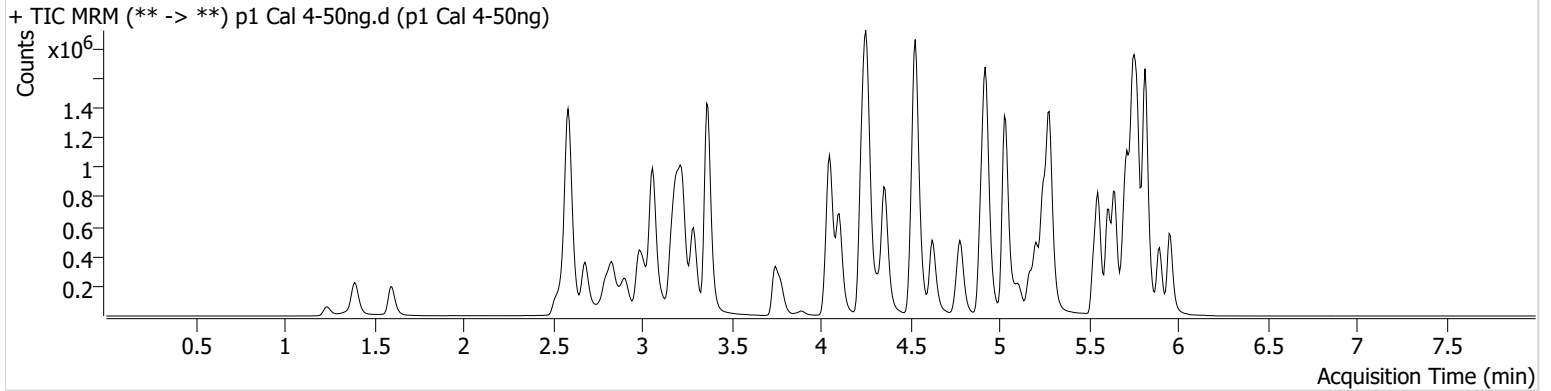
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 9:54:35 AM

Instrument	Instrument 1	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-E12	Comment	
Injection Volume	2		
Acq. Date-Time	3/25/2021 11:19:06 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	19252	72662.02	74.7	31526.96	94379	5.1308 ng/ml
7-aminoclonazepam	4.271	315271	307.10	82.6	601.34	217949	49.6857 ng/ml
a-hydroxyalprazolam	5.692	201144	2955.54	59.5	1120.86	152860	53.4396 ng/ml
alpha-PHP	4.930	231933	6758.57	264.7	4023.51	807178	55.7824 ng/ml
alpha-PVP	4.363	950018	636.40	52.3	782.84	807178	51.9305 ng/ml
Alprazolam	5.775	684581	840.57	113.6	1063.65	458002	52.4401 ng/ml
Amphetamine	3.063	1809288	1048.40	48.5	4112.93	359313	57.2057 ng/ml
Benzoylcegonine	3.892	28033	1121.29	8.4	489.31	20691	48.9771 ng/ml
Buprenorphine	5.860	11378	500.67	15.9	2749.11	73333	4.8521 ng/ml
Bupropion	4.788	652423	11810.17	62.0	1542.00	450108	52.0482 ng/ml
Carisoprodol	5.724	639343	2439.00	53.9	∞	607860	50.9138 ng/ml
Citalopram	5.205	458231	454.49	41.7	∞	399292	51.5217 ng/ml
Clonazepam	5.612	781897	9614.58	33.0	78034.27	174940	55.2870 ng/ml
Clonazepam	5.548	518072	22724.42	36.9	451759.20	174940	54.1726 ng/ml
Cocaine	4.257	804750	1015.87	52.5	14490.95	1444926	51.5471 ng/ml
Codeine	2.573	98358	263.52	102.5	983.59	94165	57.2427 ng/ml
Cyclobenzaprine	5.615	181287	7591.42	8.5	422.56	139565	50.9758 ng/ml
Dextromethorphan	5.255	215882	52298.02	81.3	13632.07	195355	51.4530 ng/ml
Dextrophan	4.105	277788	15083.55	206.7	1167.46	654903	51.1881 ng/ml
Diazepam	5.960	426694	718.12	89.5	544.02	387994	52.1597 ng/ml
Dihydrocodeine	2.552	258690	998.77	62.6	2960.70	290507	56.2296 ng/ml
Diphenhydramine	5.282	1183020	595.48	32.9	386.34	1365910	51.3884 ng/ml
Doxylamine	4.529	2077084	4098.42	98.2	61822.32	1697135	54.0508 ng/ml
EDDP	5.248	579127	586.57	42.6	37721.01	577524	51.2097 ng/ml
Etizolam	5.813	415417	9457.94	24.8	252974.01	174940	48.3171 ng/ml
Fentanyl	5.103	22467	100.12	69.6	217.15	211162	5.0813 ng/ml
Flualprazolam	5.705	314920	8797.56	93.7	16981.60	458002	55.2186 ng/ml
Fluoxetine	5.700	172641	1181.12	9.1	379.20	134368	52.2988 ng/ml
Hydrocodone	3.012	375327	∞	38.6	388.03	839779	56.3914 ng/ml
Hydromorphone	1.601	339322	4622.10	75.7	12591.48	18135	54.8232 ng/ml
Ketamine	4.044	782918	16873.61	37.4	1219.45	702718	54.4269 ng/ml
Lamotrigine	4.273	70313	1240.20	80.5	669.25	702718	57.3163 ng/ml
Levetiracetam	2.683	330481	3247.91	167.7	1310.83	1755822	48.9060 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	653792	3428.86	58.0	1845.30	174940	52.2668 ng/ml
MDA	3.196	1166314	3966.18	24.5	1626.14	572961	55.9020 ng/ml
MDMA	3.290	745181	3764.18	78.8	1965.01	137116	52.2502 ng/ml
Meprobamate	4.917	361447	19311.15	27.8	444.43	332497	52.5134 ng/ml
Methadone	5.646	689763	13146.07	46.8	608.70	591782	51.5527 ng/ml
Methamphetamine	3.231	1398042	2408.42	38.6	12605.19	1032814	55.8560 ng/ml
Metoprolol	4.319	191575	389346.83	91.1	1883.85	1674977	54.1740 ng/ml
Mirtazapine	4.624	839313	26496.41	48.5	2060.29	807178	52.8125 ng/ml
Mitragynine	5.230	94747	1523.55	39.9	59358.68	591782	51.9876 ng/ml
Morphine	1.240	48994	1058.59	28.8	160.60	10913	53.2460 ng/ml
Norbuprenorphine	4.986	1379	1481.86	118.3	881.18	13257	4.6070 ng/ml
Nordiazepam	5.900	429907	17229.24	57.3	623.66	276217	52.8927 ng/ml
Norfentanyl	4.079	168626	1589042.63	33.9	629.85	1349013	5.0350 ng/ml
Norhydrocodone	3.059	51925	276.39	41.5	94.22	95408	49.0363 ng/ml
Noroxycodone	2.903	411295	2504.66	43.1	602.96	270219	53.5244 ng/ml
O-desmethyl-tramadol	3.369	1652073	31861.22	6.9	832.75	1927765	51.3270 ng/ml
Oxazepam	5.756	794721	4429.03	75.6	3852.22	609483	54.0357 ng/ml
Oxycodone	2.827	774753	2680.12	27.0	684.66	642225	54.0656 ng/ml
Oxymorphone	1.391	356036	∞	44.1	∞	252370	51.7188 ng/ml
Phentermine	3.783	383613	431.75	4.6	90.08	854862	56.7453 ng/ml
Promethazine	5.532	379944	491.60	27.9	419.82	301673	52.8778 ng/ml
Pseudoephedrine	2.596	1928043	50396.26	16.4	15491.17	1755822	48.9761 ng/ml
Quetiapine	5.555	528752	1088.77	58.5	3187.66	139697	53.8140 ng/ml
Sertraline	5.769	83922	567.49	99.1	262.07	76345	51.4673 ng/ml
Temazepam	5.823	1345250	10643.37	28.9	302.37	1258182	50.2197 ng/ml
Tramadol	4.239	1751741	25894.34	3.6	1610.32	1674977	53.9498 ng/ml
Trazodone	5.169	406824	43513.73	81.2	21382.20	325835	52.1954 ng/ml
Venlafaxine	5.030	1476791	1523.72	39.1	2836.51	1441158	51.1131 ng/ml
Zolpidem	4.928	1751770	4440.51	30.6	597.13	1618422	55.6133 ng/ml

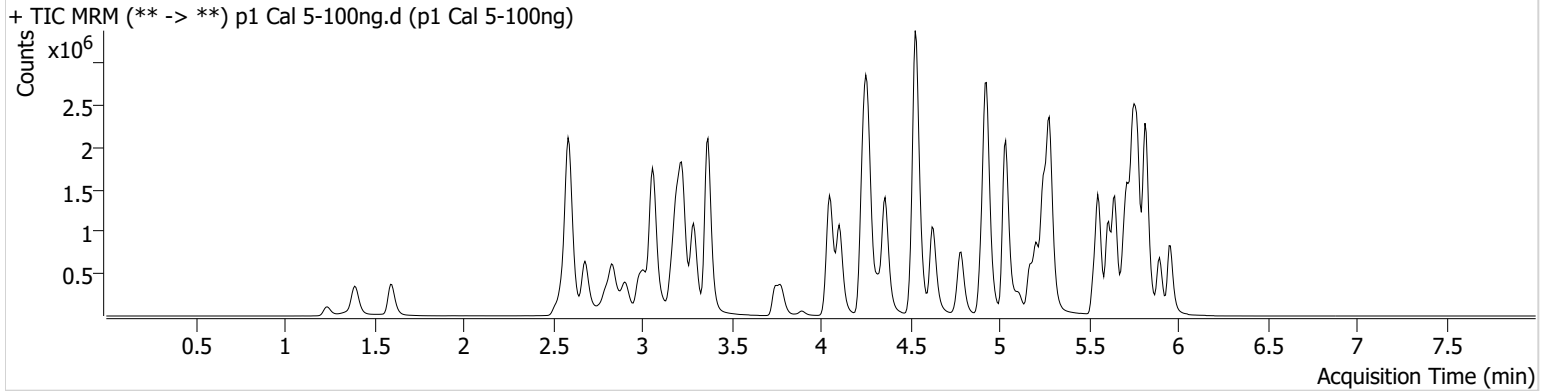
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 9:54:35 AM

Instrument	Instrument 1	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-D12	Comment	
Injection Volume	2		
Acq. Date-Time	3/25/2021 11:29:42 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	39251	220.43	68.7	995.66	96813	10.2031 ng/ml
7-aminoclonazepam	4.271	680468	5493.05	79.3	69752.86	236270	98.4670 ng/ml
a-hydroxyalprazolam	5.692	333588	3227.51	58.1	593.96	158562	86.1378 ng/ml
alpha-PHP	4.930	434916	13179.38	264.0	5526.10	803610	104.8345 ng/ml
alpha-PVP	4.363	1822630	1103.95	52.0	15602.71	803610	99.8372 ng/ml
Alprazolam	5.775	1235218	∞	114.9	982.04	436906	99.0258 ng/ml
Amphetamine	3.063	3320400	1544.05	48.7	1322.45	365951	104.2341 ng/ml
Benzoylecgonine	3.892	55942	1299.07	8.3	179.48	20445	98.0541 ng/ml
Buprenorphine	5.860	25791	2260.58	14.4	3808.82	85842	9.2416 ng/ml
Bupropion	4.788	1101878	635.23	60.8	520.84	387412	101.7641 ng/ml
Carisoprodol	5.724	1082727	74789.83	55.6	5592.43	542967	96.3401 ng/ml
Citalopram	5.205	934234	3758.56	42.7	16468.68	435941	95.9719 ng/ml
Clonazepam	5.612	1391513	17175.74	32.3	8600.58	162793	106.1899 ng/ml
Clonazepam	5.548	935468	12828.86	37.1	97638.74	162793	105.7672 ng/ml
Cocaine	4.257	1512102	66039.36	51.8	27091.16	1423991	98.2090 ng/ml
Codeine	2.573	179975	278.61	102.0	731.62	93924	105.7829 ng/ml
Cyclobenzaprine	5.615	272086	311.67	8.9	195.38	109890	97.8429 ng/ml
Dextromethorphan	5.255	464255	742.06	79.9	3892.80	217109	99.4280 ng/ml
Dextrophan	4.105	559448	51234.52	207.8	1044.39	677558	99.6938 ng/ml
Diazepam	5.960	780542	630.36	86.6	4696.34	361956	102.4312 ng/ml
Dihydrocodeine	2.552	493415	1679.75	65.1	1894.67	295622	106.0869 ng/ml
Diphenhydramine	5.282	2505864	518.80	33.2	6826.39	1523004	97.4932 ng/ml
Doxylamine	4.529	4177837	95444.37	98.3	8881.60	1758893	105.0763 ng/ml
EDDP	5.248	1375016	603.81	42.6	12894.59	708194	98.9218 ng/ml
Etizolam	5.813	742926	12230.29	25.5	332247.41	162793	91.3165 ng/ml
Fentanyl	5.103	47184	69.63	69.5	207.67	229888	9.8570 ng/ml
Flualprazolam	5.705	559587	15805.46	97.7	14409.45	436906	103.3888 ng/ml
Fluoxetine	5.700	166066	3178.57	9.3	16553.80	70276	101.6055 ng/ml
Hydrocodone	3.012	712994	1529.06	38.9	340.95	860474	105.1865 ng/ml
Hydromorphone	1.595	653141	7728.33	75.4	945841.69	18097	106.3244 ng/ml
Ketamine	4.051	1485770	69629.03	37.8	793.18	710003	102.6258 ng/ml
Lamotrigine	4.280	120796	2717.44	81.4	335.90	710003	97.7647 ng/ml
Levetiracetam	2.683	622786	601.92	163.1	1360.92	1732584	92.9070 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1009637	18411.36	54.1	761.04	162793	86.9751 ng/ml
MDA	3.196	2114749	4890.16	24.0	2101.98	555355	105.2172 ng/ml
MDMA	3.290	1463597	11717.54	77.6	1970.09	138702	101.5450 ng/ml
Meprobamate	4.917	621465	11616.29	27.3	20300.66	325884	92.7938 ng/ml
Methadone	5.646	1437916	2341.88	46.0	4049.46	650485	97.7344 ng/ml
Methamphetamine	3.231	2692479	5272.19	38.0	9875.80	1079903	104.2308 ng/ml
Metoprolol	4.319	378606	171277.91	89.2	4984.23	1642343	109.7579 ng/ml
Mirtazapine	4.624	1796910	3724.70	48.1	5839.25	803610	111.5282 ng/ml
Mitragynine	5.230	214890	1909.32	39.3	10877.71	650485	106.2024 ng/ml
Morphine	1.240	95248	6251.45	28.7	293.41	11414	99.0096 ng/ml
Norbuprenorphine	4.986	3168	231.03	102.0	1387.85	15098	9.9669 ng/ml
Nordiazepam	5.900	739026	1867.86	58.4	6174.38	245711	102.4231 ng/ml
Norfentanyl	4.079	307834	2828.91	33.9	1556.44	1271368	9.7161 ng/ml
Norhydrocodone	3.059	89595	358.55	42.6	203.60	85942	93.7361 ng/ml
Noroxycodone	2.909	757660	6710.08	41.9	874.66	258136	103.4209 ng/ml
O-desmethyl-tramadol	3.369	3286203	52477.39	6.8	1275.34	1933693	101.6681 ng/ml
Oxazepam	5.756	1305230	4749.29	74.2	218.14	513530	105.5857 ng/ml
Oxycodone	2.827	1511285	16818.80	27.2	1133.58	657742	103.4992 ng/ml
Oxymorphone	1.391	688962	∞	42.3	5921.57	251999	100.4938 ng/ml
Phentermine	3.783	728641	9618.29	4.4	290.51	881277	105.4005 ng/ml
Promethazine	5.532	593852	1696.25	28.1	1502.71	249328	100.4159 ng/ml
Pseudoephedrine	2.596	3696754	58711.11	16.4	41988.80	1732584	93.8232 ng/ml
Quetiapine	5.555	1050108	1135.63	57.6	51736.08	144880	104.0991 ng/ml
Sertraline	5.769	73559	346.43	101.0	1480.69	34747	100.4336 ng/ml
Temazepam	5.823	2282392	∞	28.3	403.38	1073770	99.5187 ng/ml
Tramadol	4.239	3360844	21801.98	3.7	1812.56	1642343	105.9724 ng/ml
Trazodone	5.169	870246	1812.99	78.9	310.42	368472	98.8424 ng/ml
Venlafaxine	5.037	2869147	1530.15	38.5	90067.36	1428007	99.9635 ng/ml
Zolpidem	4.928	3396635	9646.26	30.9	7482.15	1668423	105.1503 ng/ml

AM #28 Multi-Drug Quant. Results

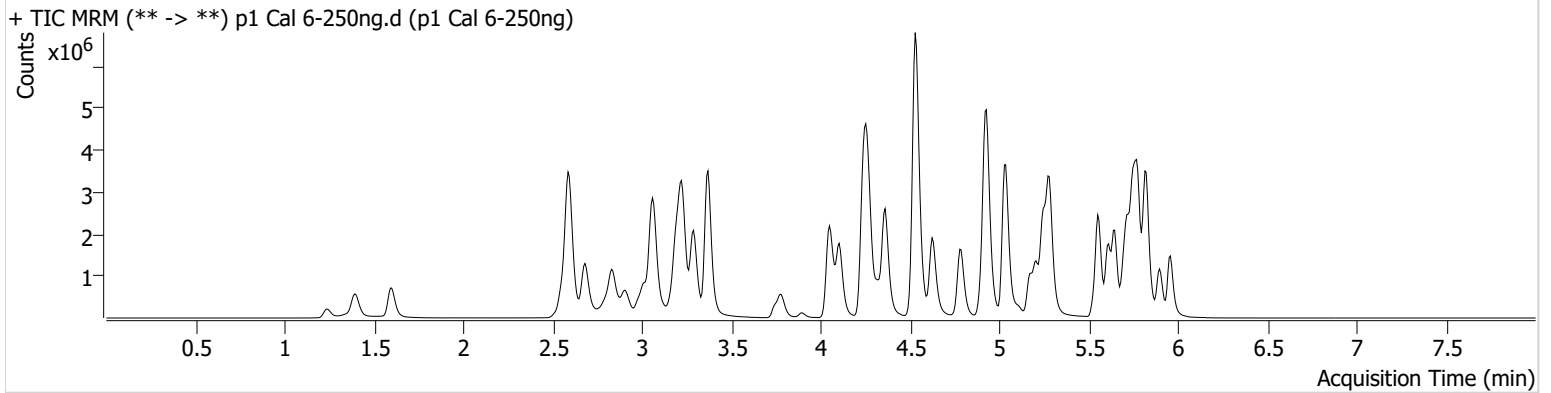


Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 9:54:35 AM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-C12
Injection Volume 2
Acq. Date-Time 3/25/2021 11:40:18 PM
Sample Info.

Data File p1 Cal 6-250ng.d
Sample p1 Cal 6-250ng
Operator Celena Shrum
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	86113	3455.65	71.4	4117.48	87403	24.8031 ng/ml
7-aminoclonazepam	4.271	1062186	10897.38	81.3	5595.64	155273	233.2463 ng/ml
a-hydroxyalprazolam	5.692	552176	2399.93	60.1	936.13	163618	138.8788 ng/ml
alpha-PHP	4.930	825235	13242.40	271.6	72156.35	697588	228.8403 ng/ml
alpha-PVP	4.363	3856104	3079.73	52.3	21859.88	697588	242.9622 ng/ml
Alprazolam	5.775	2532150	13443.14	111.6	994.64	351119	252.3140 ng/ml
Amphetamine	3.063	5734572	35989.84	48.5	10653.42	291242	227.8831 ng/ml
Benzoylecgonine	3.892	128736	5404.36	7.7	89.77	18993	241.6436 ng/ml
Buprenorphine	5.860	40641	102074.14	14.4	12971.52	52744	23.4445 ng/ml
Bupropion	4.788	2577326	37444.25	61.1	1257.38	381619	241.1196 ng/ml
Carisoprodol	5.724	1967281	5355713.54	54.3	9014.36	388590	244.2674 ng/ml
Citalopram	5.205	1679871	∞	42.0	1075.48	313266	239.7344 ng/ml
Clonazepam	5.612	2626976	49192.62	31.8	7457.51	130505	250.7479 ng/ml
Clonazepam	5.548	1780846	93555.38	37.7	1037928.55	130505	252.1163 ng/ml
Cocaine	4.257	3055436	1750.94	51.9	23468.33	1148792	245.8685 ng/ml
Codeine	2.573	324311	1586.86	102.1	1989.25	78182	230.0786 ng/ml
Cyclobenzaprine	5.615	318982	299.56	8.9	207.79	51943	243.7774 ng/ml
Dextromethorphan	5.255	723291	897.77	79.2	598.71	134281	250.2352 ng/ml
Dextrophan	4.105	1133522	4201.61	204.7	97330.02	556848	245.8592 ng/ml
Diazepam	5.960	1603929	52812.15	86.9	1058.49	307084	248.3212 ng/ml
Dihydrocodeine	2.552	980488	2079.86	64.8	42089.31	262793	238.1242 ng/ml
Diphenhydramine	5.282	4434254	60354.23	32.9	19922.78	1071593	244.9748 ng/ml
Doxylamine	4.529	9062233	13291.52	97.2	16096.50	1527064	262.8056 ng/ml
EDDP	5.248	2687797	20646.17	42.4	6356.60	569143	240.2562 ng/ml
Etizolam	5.813	1516599	19379.33	25.4	14054.79	130505	229.9488 ng/ml
Fentanyl	5.103	66005	273.35	69.7	254.17	131205	24.2456 ng/ml
Flualprazolam	5.705	1082860	12485.11	101.3	152410.08	351119	249.8187 ng/ml
Fluoxetine	5.700	126993	414.01	8.7	33229.46	22546	251.1211 ng/ml
Hydrocodone	3.012	1443161	437.10	38.4	320.11	749082	245.5574 ng/ml
Hydromorphone	1.601	1295679	1707124.52	76.3	6166.49	15799	242.3899 ng/ml
Ketamine	4.051	3132780	111523.12	37.3	1358.91	614505	250.6676 ng/ml
Lamotrigine	4.280	228743	2560.36	79.7	4096.93	614505	214.4219 ng/ml
Levetiracetam	2.683	1292910	6689.46	165.9	12079.52	1385268	240.3707 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1434220	61003.05	56.7	1205.45	130505	154.3975 ng/ml
MDA	3.196	3555653	3597.74	23.5	1585.14	419774	234.9509 ng/ml
MDMA	3.290	2926728	8917.08	77.8	6080.07	113176	249.0008 ng/ml
Meprobamate	4.917	995952	68342.60	27.2	4006.33	262043	185.8241 ng/ml
Methadone	5.646	2401865	149593.25	45.9	10067.10	441094	240.6922 ng/ml
Methamphetamine	3.231	5323582	3792.77	37.9	101736.60	930175	241.3338 ng/ml
Metoprolol	4.319	748093	2475085.10	90.6	25604.12	1399787	255.1890 ng/ml
Mirtazapine	4.624	3224944	92264.49	48.0	3301.97	697588	228.6885 ng/ml
Mitragynine	5.230	302876	1342.23	39.4	353.69	441094	219.6620 ng/ml
Morphine	1.240	199222	679.75	28.9	∞	9556	247.4465 ng/ml
Norbuprenorphine	4.986	5669	2160.81	102.2	14706.31	10927	25.6130 ng/ml
Nordiazepam	5.900	1473089	1300.01	58.6	979.79	204426	245.7041 ng/ml
Norfentanyl	4.079	682595	14982.07	33.9	1211.94	1083509	25.2170 ng/ml
Norhydrocodone	3.059	172560	145.75	41.8	106.60	64287	241.0171 ng/ml
Noroxycodone	2.903	1391672	3524.91	42.6	3924.68	197829	248.1841 ng/ml
O-desmethyl-tramadol	3.369	7008283	104625.15	6.7	739.52	1654102	253.2949 ng/ml
Oxazepam	5.756	2081283	23773.31	73.8	5046.13	340811	254.0683 ng/ml
Oxycodone	2.827	3162142	11224.83	26.7	1593.47	575343	248.3765 ng/ml
Oxymorphone	1.391	1327010	∞	42.3	1084.38	197356	247.5680 ng/ml
Phentermine	3.783	1368043	17420.60	4.4	226.94	742359	236.1610 ng/ml
Promethazine	5.532	692004	1713.31	28.3	1248.98	119182	245.4612 ng/ml
Pseudoephedrine	2.596	7456481	34054.26	16.1	38166.49	1385268	234.5266 ng/ml
Quetiapine	5.555	1925592	105825.17	58.6	68006.46	110553	251.7652 ng/ml
Sertraline	5.769	44247	400.39	104.1	∞	8920	237.2505 ng/ml
Temazepam	5.823	4175382	975.46	28.5	337.97	788427	247.4668 ng/ml
Tramadol	4.239	6969719	1877.22	3.5	838.03	1399787	258.4596 ng/ml
Trazodone	5.169	1505284	45183.04	78.7	519.49	255901	246.3628 ng/ml
Venlafaxine	5.037	6133653	1902.96	38.0	2115.16	1228974	247.9170 ng/ml
Zolpidem	4.928	7059841	10217.78	29.9	5304.29	1425983	256.6034 ng/ml



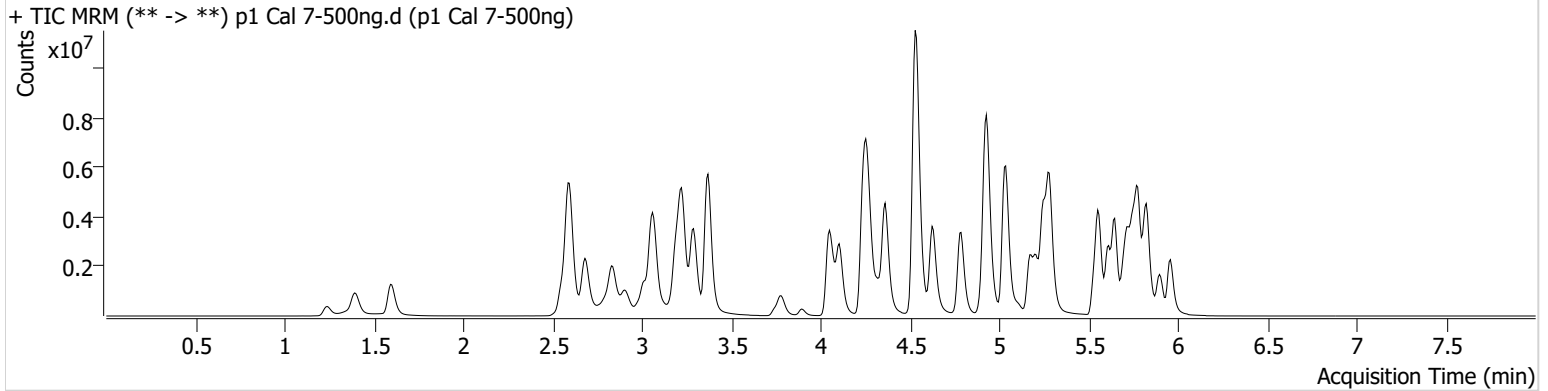
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 9:54:35 AM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-B12
Injection Volume 2
Acq. Date-Time 3/25/2021 11:50:53 PM
Sample Info.

Data File p1 Cal 7-500ng.d
Sample p1 Cal 7-500ng
Operator Celena Shrum
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	173486	2999.48	72.9	13863.01	88733	49.2256 ng/ml
7-aminoclonazepam	4.278	1716090	14751.72	80.8	13708.54	120484	485.1482 ng/ml
a-hydroxyalprazolam	5.692	716614	1059.27	59.0	641.28	187963	157.0437 ng/ml
alpha-PHP	4.930	1351273	706.53	267.2	11900.03	621586	420.3084 ng/ml
alpha-PVP	4.363	7197124	∞	52.2	27071.79	621586	508.6390 ng/ml
Alprazolam	5.775	4212688	9159.45	112.4	658.87	291618	505.2350 ng/ml
Amphetamine	3.063	8797027	58307.34	47.7	7731.62	247291	412.8730 ng/ml
Benzoylcegonine	3.892	303092	10606.31	8.0	20540.46	21624	498.7935 ng/ml
Buprenorphine	5.860	80090	4901.33	14.3	34208.37	47220	51.4092 ng/ml
Bupropion	4.788	5532625	1911.78	60.6	19323.97	390181	505.8230 ng/ml
Carisoprodol	5.724	2865265	7616012.03	53.7	7501.90	266920	517.6984 ng/ml
Citalopram	5.205	2941647	16407.23	42.3	6781.00	264504	496.8984 ng/ml
Clonazepam	5.612	3907129	24971.88	31.9	1912.10	102669	474.4959 ng/ml
Clonazepam	5.555	2746517	21356.57	38.5	38324.89	102669	494.9098 ng/ml
Cocaine	4.257	5330563	1085.76	51.3	104350.92	971183	507.3086 ng/ml
Codeine	2.573	528909	610.67	99.4	650.87	71293	412.2138 ng/ml
Cyclobenzaprine	5.615	1151290	978.95	8.9	625.01	91409	500.7618 ng/ml
Dextromethorphan	5.255	1317366	898.17	81.1	40421.64	126223	484.7276 ng/ml
Dextrophan	4.105	2007352	2240.05	208.1	63730.36	475093	510.3721 ng/ml
Diazepam	5.960	2735235	11888.88	86.6	20236.86	263290	494.0662 ng/ml
Dihydrocodeine	2.552	1795299	1450.58	65.7	55937.03	276709	414.6692 ng/ml
Diphenhydramine	5.282	8229702	207491.29	32.1	859.62	936821	519.9041 ng/ml
Doxylamine	4.529	16713383	217705.38	96.4	175389.30	1499890	493.6352 ng/ml
EDDP	5.248	5339336	1246.19	41.3	802.84	533778	508.6171 ng/ml
Etizolam	5.813	2684835	8980.05	24.7	575250.83	102669	515.3551 ng/ml
Fentanyl	5.103	182452	7117.41	69.7	189328.47	169410	51.9732 ng/ml
Flualprazolam	5.705	1780958	34144.58	101.7	971.99	291618	495.3096 ng/ml
Fluoxetine	5.700	627073	284.05	8.9	999.41	55117	513.8111 ng/ml
Hydrocodone	3.012	2681177	383.40	38.5	630.10	744188	459.8591 ng/ml
Hydromorphone	1.595	2398901	3907.22	76.9	1659457.32	15069	471.0785 ng/ml
Ketamine	4.051	5812730	1606.92	36.7	1144.81	591239	483.8254 ng/ml
Lamotrigine	4.280	355165	7320.98	80.5	2378.86	591239	346.2997 ng/ml
Levetiracetam	2.683	2401992	16650.87	163.1	14430.83	1150224	537.1498 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1522604	23826.49	55.1	556.68	102669	208.4780 ng/ml
MDA	3.196	5191676	3455.06	23.0	4679.74	344531	418.5524 ng/ml
MDMA	3.290	5196543	4223.03	78.0	5650.35	100500	497.9760 ng/ml
Meprobamate	4.911	1354107	23973.90	27.2	24469.40	237056	279.7269 ng/ml
Methadone	5.646	4908205	3194.21	44.4	78732.16	418159	518.7838 ng/ml
Methamphetamine	3.224	9084349	2189.06	37.1	1519.88	862972	445.2352 ng/ml
Metoprolol	4.319	1269554	1110.16	92.1	8247.74	1287958	471.1432 ng/ml
Mirtazapine	4.624	6122847	51424.72	48.0	61472.16	621586	485.2669 ng/ml
Mitragynine	5.230	644398	1621.63	39.3	326513.07	418159	491.7368 ng/ml
Morphine	1.240	375863	7167.66	30.7	817.28	9124	488.9820 ng/ml
Norbuprenorphine	4.986	10433	2096.24	95.0	5676.38	9958	52.3983 ng/ml
Nordiazepam	5.900	2313172	1722.52	58.2	539.74	162668	485.0903 ng/ml
Norfentanyl	4.079	1296790	201797.56	33.8	9492.59	947440	54.7413 ng/ml
Norhydrocodone	3.059	320973	213.34	44.8	136.98	56251	512.1163 ng/ml
Noroxycodone	2.903	2182082	3325.12	42.4	10873.82	161245	477.6388 ng/ml
O-desmethyl-tramadol	3.369	13291139	137402.98	6.7	16854.30	1543050	514.8218 ng/ml
Oxazepam	5.749	2201581	11097.70	75.8	2664.23	196625	466.0564 ng/ml
Oxycodone	2.827	6113043	3368.63	26.5	789.38	574718	481.2240 ng/ml
Oxymorphone	1.391	2433818	∞	43.8	∞	180714	496.1541 ng/ml
Phentermine	3.783	2227990	3930.84	4.4	526.80	691293	413.7767 ng/ml
Promethazine	5.532	2460921	3442.07	28.2	29729.39	211018	493.4904 ng/ml
Pseudoephedrine	2.596	13110387	197085.05	15.9	84811.54	1150224	495.0315 ng/ml
Quetiapine	5.555	3553989	1652.63	59.4	101962.90	101357	507.9905 ng/ml
Sertraline	5.769	327141	130.69	97.4	1087.93	29489	532.3263 ng/ml
Temazepam	5.823	5712435	18505.51	28.3	28363.94	531624	501.7778 ng/ml
Tramadol	4.239	12043726	1745.55	3.6	988.43	1287958	485.7739 ng/ml
Trazodone	5.169	3555444	141633.94	79.9	2867.02	299647	497.0759 ng/ml
Venlafaxine	5.037	11199438	486396.22	38.1	833.23	1083765	513.0394 ng/ml
Zolpidem	4.928	12937633	1846.32	29.9	3668.82	1402255	478.7383 ng/ml

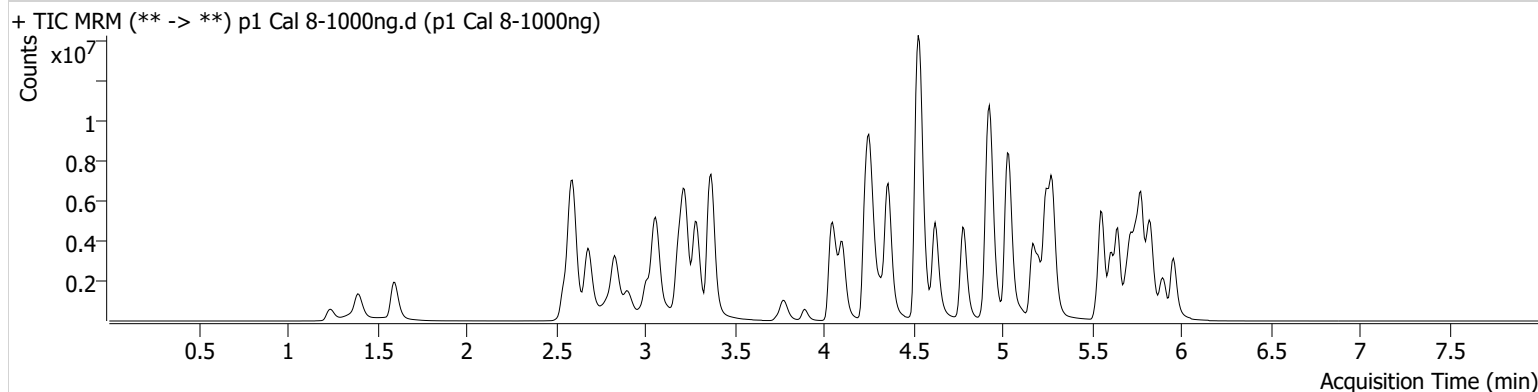
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 9:54:35 AM

Instrument	Instrument 1	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-A12	Comment	
Injection Volume	2		
Acq. Date-Time	3/26/2021 12:01:29 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	320606	1241.25	70.9	30179.73	78309	103.0860 ng/ml
7-aminoclonazepam	4.278	2060343	2076.24	70.4	8110.69	59138	1186.0167 ng/ml
a-hydroxyalprazolam	5.685	875046	445.84	59.7	181.87	206729	174.4846 ng/ml
alpha-PHP	4.930	1722424	64091.41	269.5	4323.18	495822	671.4890 ng/ml
alpha-PVP	4.363	11540048	850.78	52.9	82547.83	495822	1022.1743 ng/ml
Alprazolam	5.775	6109582	∞	113.1	10833.68	216312	987.6472 ng/ml
Amphetamine	3.063	11161374	65961.21	48.0	31583.75	175011	741.3279 ng/ml
Benzoylcegonine	3.892	649970	961.92	8.1	49232.60	21005	1100.1500 ng/ml
Buprenorphine	5.860	81918	431.80	14.4	30320.43	20833	118.9679 ng/ml
Bupropion	4.781	7786438	1631.34	60.6	∞	283164	980.5661 ng/ml
Carisoprodol	5.724	3762663	227102.32	53.7	33532.94	172461	1051.9869 ng/ml
Citalopram	5.205	3574791	26729.61	42.1	6561.64	157064	1016.6227 ng/ml
Clonazepam	5.612	5563384	3634.51	31.6	36785.31	78733	881.4741 ng/ml
Clonazepam	5.555	3767745	25325.72	37.8	259626.50	78733	885.8852 ng/ml
Cocaine	4.257	8134638	1154.70	51.4	594.47	722047	1041.2111 ng/ml
Codeine	2.566	727868	1726.63	102.1	262.15	54908	737.2893 ng/ml
Cyclobenzaprine	5.615	832761	1834.88	8.8	2720.14	32931	1006.1678 ng/ml
Dextromethorphan	5.255	1335333	2478.22	81.0	731.17	60953	1017.3124 ng/ml
Dextrophan	4.105	2868856	99468.87	212.0	67165.50	337367	1027.2367 ng/ml
Diazepam	5.960	4105659	13759.13	87.9	307.45	201317	970.0546 ng/ml
Dihydrocodeine	2.545	2825519	1369.21	64.4	4392.90	255656	706.9237 ng/ml
Diphenhydramine	5.282	10087349	2179.18	33.0	1225.04	572847	1042.0149 ng/ml
Doxylamine	4.529	23697146	150373.54	97.2	214601.23	1244772	843.4818 ng/ml
EDDP	5.248	9159699	50003.22	41.0	12872.16	439769	1058.7939 ng/ml
Etizolam	5.813	4064969	10508.77	24.5	3286.65	78733	1015.8630 ng/ml
Fentanyl	5.103	175085	5166.40	69.3	11627.18	84879	99.5986 ng/ml
Flualprazolam	5.705	2411803	16860.57	105.1	31070.26	216312	904.7786 ng/ml
Fluoxetine	5.700	243900	6010.87	8.6	302.94	11270	983.2037 ng/ml
Hydrocodone	3.012	4392133	∞	38.8	6183.92	647157	866.9196 ng/ml
Hydromorphone	1.601	3895923	2746837.91	76.3	2634987.85	12724	906.6592 ng/ml
Ketamine	4.044	9520069	222076.07	36.4	37663.35	503789	930.3745 ng/ml
Lamotrigine	4.280	465022	12911.86	80.4	1895.18	503789	532.3564 ng/ml
Levetiracetam	2.683	3797564	20833.27	167.5	8358.30	814257	1198.9710 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1635166	18251.51	56.0	5302.96	78733	292.1021 ng/ml
MDA	3.189	6648344	4977.01	22.9	5459.04	248422	743.9232 ng/ml
MDMA	3.290	7589590	22793.61	77.8	18055.55	74825	976.9592 ng/ml
Meprobamate	4.904	1602739	30747.28	27.5	6421.45	200889	391.0485 ng/ml
Methadone	5.646	5628438	85445.31	45.5	12860.90	244663	1016.7360 ng/ml
Methamphetamine	3.224	12532347	59012.17	37.2	63699.36	696551	762.1135 ng/ml
Metoprolol	4.319	1813229	8210.97	91.2	12267.43	1028050	843.4696 ng/ml
Mirtazapine	4.624	8228193	14080.89	47.5	18127.02	495822	816.3212 ng/ml
Mitragynine	5.230	582504	5680.21	39.9	764.75	244663	759.1683 ng/ml
Morphine	1.240	629675	∞	29.6	4518.59	7754	963.9252 ng/ml
Norbuprenorphine	4.986	10959	3133.79	99.1	198.77	5113	107.8805 ng/ml
Nordiazepam	5.900	3236194	∞	57.0	431.62	114271	966.3117 ng/ml
Norfentanyl	4.079	2056002	707.47	34.3	12952.02	647339	126.9730 ng/ml
Norhydrocodone	3.053	568322	107.39	39.6	120.71	43906	1161.4514 ng/ml
Noroxycodone	2.903	3089151	968.59	44.0	450.61	116387	937.0189 ng/ml
O-desmethyl-tramadol	3.371	19851651	116958.87	7.2	26793.11	1236465	959.4969 ng/ml
Oxazepam	5.749	2235021	12562.62	73.1	12205.69	101852	913.6460 ng/ml
Oxycodone	2.827	10516498	∞	26.3	3058.45	498468	955.0751 ng/ml
Oxymorphone	1.391	4018568	196.67	42.1	307.52	153613	964.0141 ng/ml
Phentermine	3.776	3111621	∞	4.2	2171.66	552848	723.3480 ng/ml
Promethazine	5.532	1783374	5709.02	28.5	6111.81	74862	1008.5384 ng/ml
Pseudoephedrine	2.596	19307253	71679.73	16.1	95866.15	814257	1028.2778 ng/ml
Quetiapine	5.555	5359502	2147.61	59.2	623.86	79071	983.0455 ng/ml
Sertraline	5.769	112064	9023.38	99.6	2305.43	5504	978.1158 ng/ml
Temazepam	5.830	6603245	144548.84	28.0	9527.02	291018	1059.2197 ng/ml
Tramadol	4.239	17123812	1240.38	3.8	1758.69	1028050	865.6234 ng/ml
Trazodone	5.169	5537885	262921.32	80.4	738.93	227869	1018.2438 ng/ml
Venlafaxine	5.030	16912147	∞	40.0	1992.92	832306	1008.5440 ng/ml
Zolpidem	4.928	19748184	3823.72	31.7	14181.22	1229185	834.1057 ng/ml

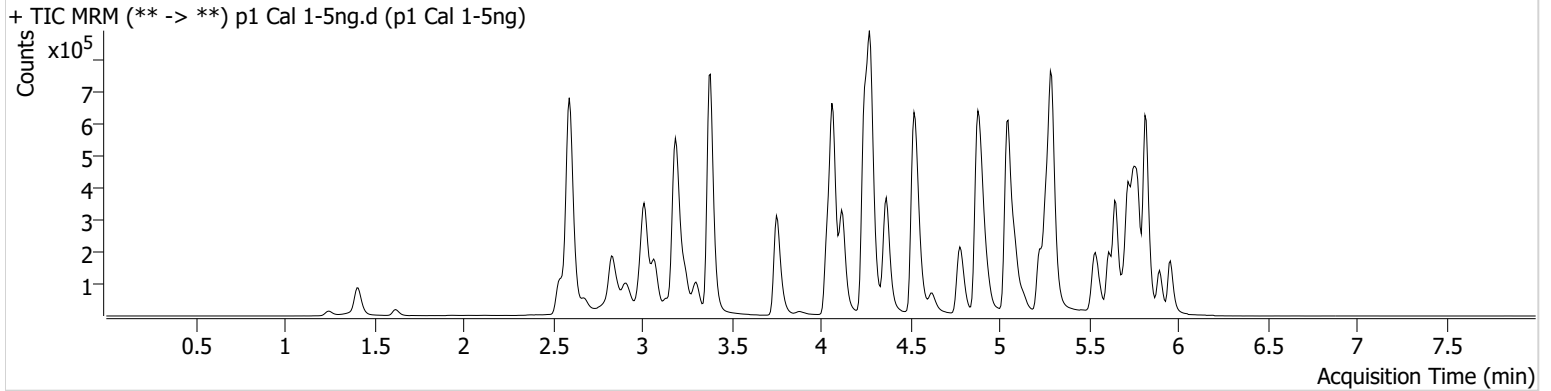
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\032521 AM 27 28 CS\QuantResults\AM 28 MDQ P1 Updated.batch.bin
Calibration Last Update 4/2/2021 9:54:35 AM

Instrument	Instrument 1	Data File	p1 Cal 1-5ng.d
Type	Sample	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-H12	Comment	
Injection Volume	2		
Acq. Date-Time	3/25/2021 10:47:09 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	1758	106.09	69.2	41.82	86733	0.5046 ng/ml
7-aminoclonazepam	4.285	31085	476.10	77.6	48.62	208948	5.5237 ng/ml
a-hydroxyalprazolam	5.705	16199	1499.37	60.5	215.11	110751	4.9043 ng/ml
alpha-PHP	4.944	24680	229.78	264.4	1116.35	787705	6.3165 ng/ml
alpha-PVP	4.376	90122	1300.49	51.9	214.79	787705	5.2768 ng/ml
Alprazolam	5.782	65726	114.93	114.0	976.88	421296	5.6370 ng/ml
Amphetamine	3.076	188202	1870.16	48.6	1025.51	360694	4.6371 ng/ml
Benzoylecgonine	3.912	2789	14.25	7.9	8.16 Low	19481	5.9303 ng/ml
Buprenorphine	5.772	1589	72.22	16.9	225.81	71475	0.8362 ng/ml
Bupropion	4.795	75606	444.40	60.3	946.10	499766	5.7730 ng/ml
Carisoprodol	5.730	58708	1509.57	56.9	156.96	558911	5.2727 ng/ml
Citalopram	5.226	72024	108.38	45.7	331.87	399268	8.3306 ng/ml
Clonazepam	5.618	72104	282.99	32.0	781.69	151354	5.4461 ng/ml
Cocaine	4.277	78387	701.62	50.9	1143.59	1409635	5.2166 ng/ml
Codeine	2.593	9245	230.56	104.9	95.79	88591	4.8862 ng/ml
Cyclobenzaprine	5.622	53316	54.89	8.9	17.67	76191	27.1174 ng/ml
Dextromethorphan	5.268	36333	35.39	77.5	118.99	192256	8.9184 ng/ml
Dextrophan	4.125	26269	520.21	207.4	1000.93	631061	4.9752 ng/ml
Diazepam	5.967	35559	173.68	87.9	268.91	289974	5.6751 ng/ml
Dihydrocodeine	2.572	23163	524.44	62.7	294.95	268855	4.7249 ng/ml
Diphenhydramine	5.296	155788	57.52	35.6	227.48	1367560	6.8842 ng/ml
Doxylamine	4.543	219015	71.77	96.8	742.81	1574865	5.9759 ng/ml
EDDP	5.268	87456	27.29	41.8	123.86	535331	8.5492 ng/ml
Fentanyl	5.109	3373	27.57	81.5	15.99	162229	0.9453 ng/ml
Fluoxetine	5.707	61336	631.02	8.3	18.62	45382	55.3495 ng/ml
Hydrocodone	3.039	33952	246.27	38.3	59.05	787433	4.7648 ng/ml
Hydromorphone	1.621	31426	1964.11	75.7	420.21	17422	4.7250 ng/ml
Ketamine	4.059	72622	468.61	36.3	113.33	659076	4.9746 ng/ml
Lamotrigine	4.287	6068	153.97	91.2	290.39	659076	4.8752 ng/ml
Lorazepam	5.753	55792	492.97	57.4	95.37	151354	4.8300 ng/ml
MDA	3.216	118493	452.41	24.4	118.51	577724	4.9686 ng/ml
MDMA	3.310	69540	1108.83	76.5	407.00	132563	4.9528 ng/ml
Meprobamate	4.931	37625	158.36	28.2	68.23	332402	4.6707 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.653	121114	74.14	47.3	73.86	567072	9.4795 ng/ml
Methamphetamine	3.244	147032	557.57	37.8	707.52	983341	4.7449 ng/ml
Metoprolol	4.340	17799	378.22	91.0	48.16	1552283	4.9281 ng/ml
Mirtazapine	4.624	98447	634.63	47.3	70.47	787705	7.9091 ng/ml
Mitragynine	5.243	14445	43.66	48.8 High	7.41 Low	567072	9.1152 ng/ml
Morphine	1.253	4797	306.69	27.1	20.62	10632	5.3065 ng/ml
Norfentanyl	4.093	16375	103.24	33.3	110.74	1380650	0.5133 ng/ml
Norhydrocodone	3.086	5838	84.98	42.0	29.54	101498	5.3714 ng/ml
Noroxycodone	2.930	39814	275.03	41.5	324.71	262561	5.1320 ng/ml
O-desmethyl-tramadol	3.383	148374	1096.87	6.7	436.89	1780452	5.0972 ng/ml
Oxazepam	5.756	68659	151.09	80.2	570.80	511151	5.3240 ng/ml
Oxycodone	2.861	71612	362.31	26.0	191.13	595725	4.8667 ng/ml
Oxymorphone	1.411	34749	278.59	43.2	101.12	240079	5.0516 ng/ml
Phentermine	3.790	36317	210.97	4.5	35.24	825949	4.6520 ng/ml
Promethazine	5.538	99518	125.94	29.0	36.95	171035	24.1776 ng/ml
Sertraline	5.782	30055	128.81	93.7	59.22	15912	89.4542 ng/ml
Temazepam	5.823	125004	576.45	27.9	331.59	1107410	5.5904 ng/ml
Tramadol	4.259	159645	465.81	3.7	71.57	1552283	4.9199 ng/ml
Trazodone	5.135	65954	102.37	76.3	77.01	290737	9.3826 ng/ml
Venlafaxine	5.050	149027	526.49	39.3	136.77	1376562	5.6373 ng/ml
Zolpidem	4.901	191175	726.43	31.0	297.31	1529380	5.8710 ng/ml