

Worklist: 4747

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
P2020-3607	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-3638	1	CBUK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-3725	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-3789	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-3790	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2020-3792	3	CBUK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-0003	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-0005	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-0006	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-0102	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-0103	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date: 01/20/2021

Analyst: Celena Shrum

Plate lot#: 200513

Plate Expiration: 11/13/2020- okay with external control

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: 20L20725

Blank Urine Lot: POC031319

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

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate.
Pipette ID: #42
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
- 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. *SPE Dry ID: 067103*
- 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-PHP 5-500, Amphetamine 5-500, Dihydrocodeine 5-500, Lamotrigine 5-250, Lorazepam 5-250, MDA 5-500, Meprobamate 5-250, Methamphetamine 25-500, Mirtazapine 5-500, Mitragynine 5-500, Norfentanyl 0.5-50, Norhydrocodone 5-500, Phentermine 5-250.



Idaho State Police Forensic Services

**AM #25 Blood Multi-Drug Screen by LCMS-QQQ
And
AM #28 Blood Multi-Drug Confirmatory Analysis by
LCMS-QQQ---Panel 1**

Methanol External Control Solution (Lot: 121020)

100 μ L of 1mg/mL stock was added to each drug to 9600 μ L of LC MeOH.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	197468	
Alprazolam	Cerilliant	FE07061604	07/31/2021
Clonazepam	Cerilliant	FE07131603	10/31/2021
Hydrocodone	Cerilliant	FE04241902	09/30/2024
Morphine	Cerilliant	FE06231704	07/31/2022
Prepared:	12/10/2020		
Prepared By:	Tamara Salazar		
Expires:	07/31/2021		

Blood External Control Solution (Lot: WS121020)

*100 μ L of methanol external control solution was added to 9900 μ L of blood.
Approximately 100 ng/mL of each compound.*

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Lampire	20L20725
Methanol External Control Solution		121020
Prepared:	12/10/2020	
Prepared by:	Tamara Salazar	
Expires:	07/31/2021	



Idaho State Police Forensic Services

**AM #25 Blood and Urine Multi-Drug Screen by LCMS-QQQ
And
AM #28 Urine Multi-Drug Confirmatory Analysis by
LCMS-QQQ—Panel 1**

Methanol External Control Solution (Lot: 031820)

100 ul of 1mg/mL stock was added to each drug to 9700 ul of LC MeOH.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	193068	
O-desmethyl Tramadol	Cerilliant	FN01241702	04/30/2022
Amphetamine	Cerilliant	FE04061701	06/30/2022
Alprazolam	Cerilliant	FE07061604	07/31/2021
Prepared: 03/18/20			
Prepared By: Sarah Pickle			
Expires: 03/18/21			

Urine External Control Solution (Lot: WS052220)

200 ul of methanol external control solution was added to 9800 ul of urine.

Approximately 100ng/mL of each compound.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Urine	Pocatello Lab	POC031319
Methanol External Control Solution		031820
Prepared:	05/22/20	
Prepared by:	Celena Shrum	
Expires:	03/18/21	

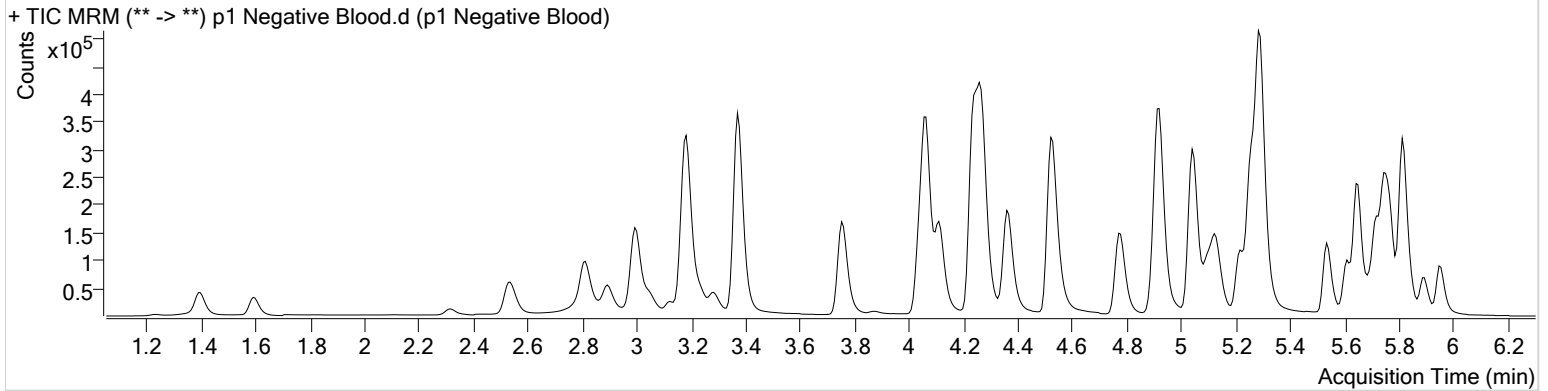
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

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	P6-F2	Comment	
Injection Volume	2		
Acq. Date-Time	1/20/2021 4:50:03 PM		
Sample Info.			

Sample Chromatogram



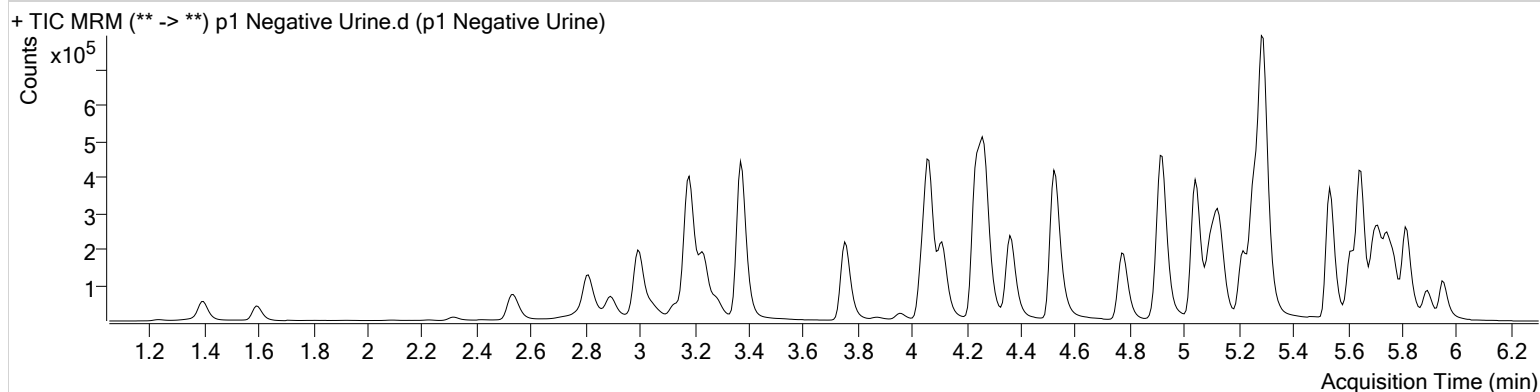
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

Instrument Type	Instrument 1 Sample	Data File	p1 Negative Urine.d
Acq. Method	AM 28 MDQ P1.m	Sample	p1 Negative Urine
Sample Position	P6-H4	Operator	Celena Shrum
Injection Volume	2	Comment	
Acq. Date-Time	1/20/2021 5:21:52 PM		
Sample Info.			

Sample Chromatogram



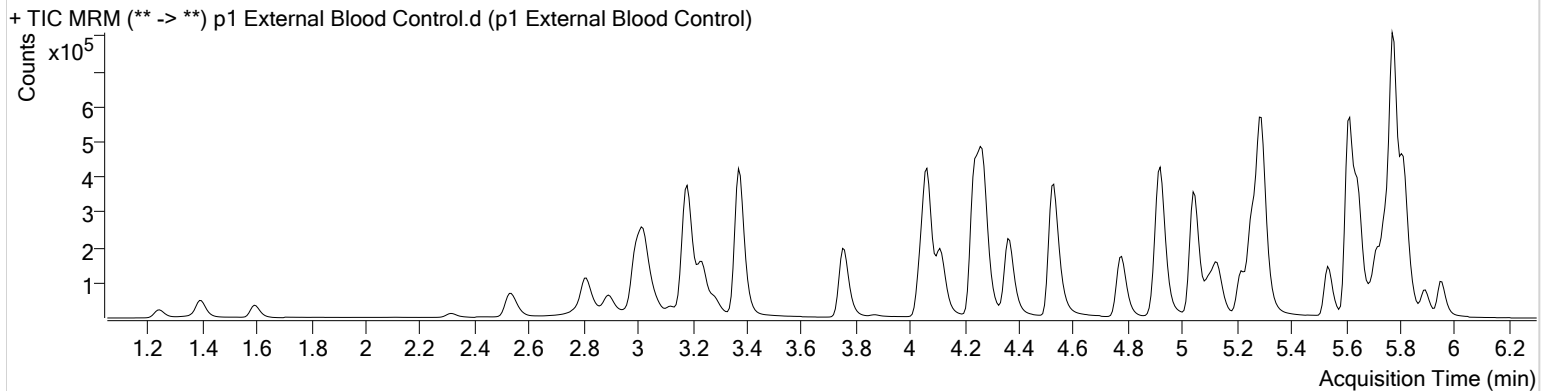
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

Instrument	Instrument 1	Data File	p1 External Blood Control.d
Type	Sample	Sample	p1 External Blood Control
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-G2	Comment	
Injection Volume	2		
Acq. Date-Time	1/20/2021 5:32:27 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.778	685956	9394.98	114.8	1206.05	237614	102.6760 ng/ml
Clonazepam	5.615	828302	21692.93	33.5	43365.37	100096	106.2712 ng/ml
Hydrocodone	3.020	351817	283.30	38.7	∞	259690	84.3032 ng/ml
Morphine	1.246	45359	12192.35	26.1	288.49	6184	98.3931 ng/ml

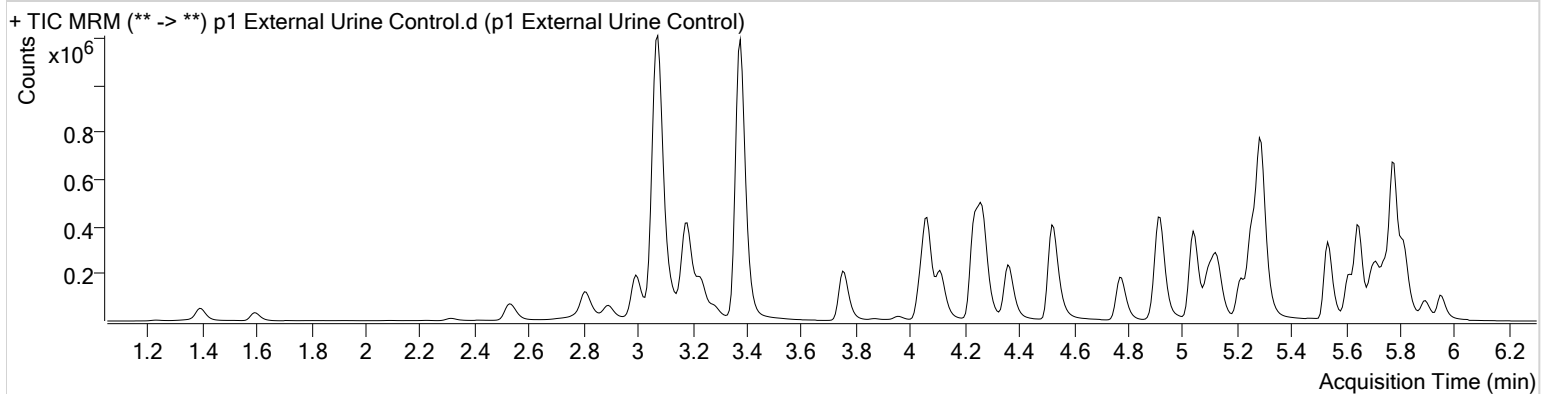
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

Instrument	Instrument 1	Data File	p1 External Urine Control.d
Type	Sample	Sample	p1 External Urine Control
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-E4	Comment	
Injection Volume	2		
Acq. Date-Time	1/20/2021 5:43:02 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.778	568700	29394.59	111.9	1084.00	186423	108.4878 ng/ml
Amphetamine	3.078	2382089	∞	52.9	13145.51	291715	103.6935 ng/ml
O-desmethyl-tramadol	3.377	1963670	∞	7.1	6779.96	1043118	110.0779 ng/ml

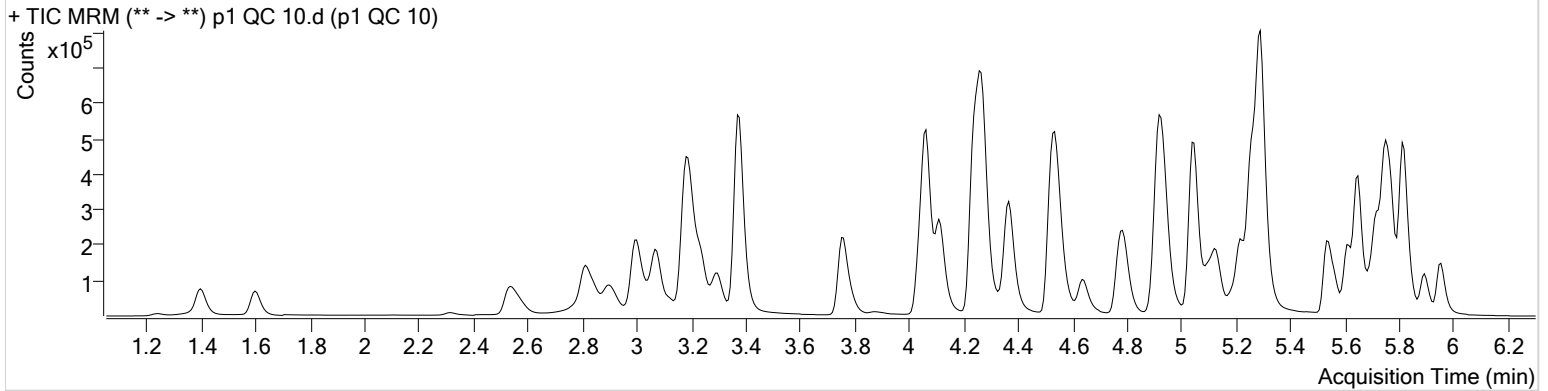


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

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	P6-A2	Comment	
Injection Volume	2		
Acq. Date-Time	1/20/2021 2:42:48 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	2823	∞	66.9	319.99	62329	1.0809 ng/ml
7-aminoclonazepam	4.277	41421	195.64	81.6	2278.78	157145	9.7893 ng/ml
a-hydroxyalprazolam	5.695	25910	172.26	61.1	275.25	83064	10.2440 ng/ml
alpha-PHP	4.942	34786	4376.22	261.1	2725.90	631584	10.1386 ng/ml
alpha-PVP	4.375	145083	421.65	52.1	958.24	631584	9.9699 ng/ml
Alprazolam	5.778	81907	644.64	112.3	1125.83	290998	10.1971 ng/ml
Amphetamine	3.078	281012	4199.56	53.3	5567.74	310998	10.3477 ng/ml
Benzoylecgonine	3.898	3935	236.52	7.4	42.93	13532	10.2850 ng/ml
Buprenorphine	5.890	2274	111.20	18.0	∞	87721	0.9105 ng/ml
Bupropion	4.800	156224	12750.40	61.3	7886.58	515461	9.9618 ng/ml
Carisoprodol	5.727	78642	1130.29	55.8	260.10	399069	10.0146 ng/ml
Citalopram	5.223	82003	4850.59	44.4	537.05	365609	9.7575 ng/ml
Clonazepam	5.615	98612	645.51	33.2	204.61	119242	10.1297 ng/ml
Cocaine	4.269	106115	16395.57	53.5	576.92	879666	9.8514 ng/ml
Codeine	2.590	13162	233.40	103.2	2070.85	64526	10.1554 ng/ml
Cyclobenzaprine	5.618	32483	∞	8.7	110.63	131004	9.8084 ng/ml
Dextromethorphan	5.266	46670	250.62	78.5	405.17	220432	9.8045 ng/ml
Dextrophan	4.117	38070	1916.61	211.4	4090.72	454553	9.6577 ng/ml
Diazepam	5.956	47570	1893.68	86.9	8613.24	229633	10.2573 ng/ml
Dihydrocodeine	2.569	33611	∞	63.3	∞	182068	10.2999 ng/ml
Diphenhydramine	5.294	227947	343.76	33.2	2182.58	1413598	10.0831 ng/ml
Doxylamine	4.548	284920	304.43	97.8	7023.23	1220422	10.1019 ng/ml
EDDP	5.258	119356	3236.46	46.7	1483.74	672674	8.9575 ng/ml
Fentanyl	5.114	5462	4070.69	72.7	12653.18	258509	0.9684 ng/ml
Fluoxetine	5.703	16382	∞	9.7	∞	64660	10.0660 ng/ml
Hydrocodone	3.027	54378	370.71	37.6	102.10	304636	10.1511 ng/ml
Hydromorphone	1.608	40598	221.18	75.6	754.80	132541	9.6327 ng/ml
Ketamine	4.058	105305	303.89	38.1	313.04	485125	10.0952 ng/ml
Lamotrigine	4.286	9744	678.34	76.9	885.61	485125	11.0903 ng/ml
Lorazepam	5.750	82918	∞	60.0	∞	119242	10.3075 ng/ml
MDA	3.211	189074	7022.73	23.0	96.75	500254	10.7105 ng/ml
MDMA	3.298	103034	∞	82.5	2665.51	103309	10.4762 ng/ml
Meprobamate	4.929	52796	408.52	26.7	397.71	225986	10.1508 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	141452	317.26	45.3	621.88	627243	9.9582 ng/ml
Metoprolol	4.332	22995	505.43	89.2	1602.49	1183881	10.0723 ng/ml
Mirtazapine	4.636	158412	5579.33	47.5	4921.69	631584	9.7357 ng/ml
Mitragynine	5.248	24860	∞	38.6	∞	627243	10.3993 ng/ml
Morphine	1.246	6390	1242.94	25.7	104.27	8491	9.4524 ng/ml
Norbuprenorphine	4.991	386	76.37	83.4	46.29	13984	1.2659 ng/ml
Nordiazepam	5.903	48301	2327.85	58.9	688.04	155263	10.3465 ng/ml
Norfentanyl	4.085	20916	366.70	35.3	286.23	967140	0.9694 ng/ml
Norhydrocodone	3.068	8851	116.50	42.7	97.25	82666	10.4826 ng/ml
Noroxycodone	2.918	58406	776.73	43.4	1358.74	205110	10.3583 ng/ml
O-desmethyl-tramadol	3.377	213655	895.34	7.1	1208.22	1237721	10.0100 ng/ml
Oxazepam	5.753	105818	4509.51	70.9	635.29	555347	10.5568 ng/ml
Oxycodone	2.843	105283	428.21	27.2	861.03	441769	10.1374 ng/ml
Oxymorphone	1.403	48902	288.65	42.3	780.89	174404	10.1598 ng/ml
Phentermine	3.790	54698	∞	4.3	119.51	591338	10.6750 ng/ml
Promethazine	5.535	69421	1283.24	27.6	324.65	286558	9.9729 ng/ml
Quetiapine	5.559	87462	7180.62	59.9	293.74	119936	10.2932 ng/ml
Sertraline	5.772	3594	70.02	104.5	328.75	15755	9.7161 ng/ml
Temazepam	5.819	166140	1733.60	29.3	403.78	780228	10.0631 ng/ml
Tramadol	4.251	232157	14635.83	3.7	298.72	1183881	10.3087 ng/ml
Trazodone	5.188	86063	831.03	80.6	7885.29	374031	10.0645 ng/ml
Venlafaxine	5.048	191494	424.67	39.8	230.16	1027793	10.4867 ng/ml
Zolpidem	4.939	251164	57006.34	30.9	611.08	1174004	10.1769 ng/ml

AM #28 Multi-Drug Quant. Results

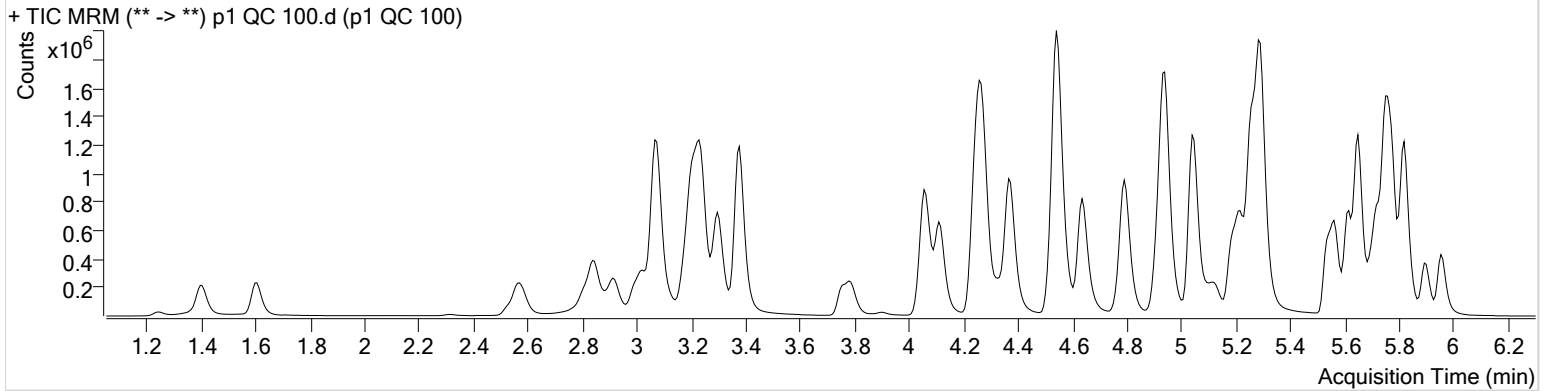


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Instrument Instrument 1
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-B2
Injection Volume 2
Acq. Date-Time 1/20/2021 3:04:02 PM
Sample Info.

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	3.132	23339	555.87	70.3	∞	53157	10.4951 ng/ml
7-aminoclonazepam	4.277	309331	9140.81	79.6	407.83	110703	101.0613 ng/ml
a-hydroxyalprazolam	5.695	212284	4426.95	61.0	429.86	65664	110.5723 ng/ml
alpha-PHP	4.942	294529	48421.37	264.5	11374.00	546870	107.2630 ng/ml
alpha-PVP	4.375	1294234	46166.67	53.4	27113.61	546870	103.7434 ng/ml
Alprazolam	5.778	659116	23014.06	111.9	4428.35	223798	104.7449 ng/ml
Amphetamine	3.071	2299728	∞	52.5	28809.86	269301	108.4980 ng/ml
Benzoylcegonine	3.898	31093	399.24	7.7	3341.36	10984	105.3602 ng/ml
Buprenorphine	5.890	23066	291.44	14.9	4983.11	78599	10.3308 ng/ml
Bupropion	4.793	1430384	106143.48	61.2	36901.57	452075	107.1593 ng/ml
Carisoprodol	5.727	649569	27007.48	52.5	676.96	318367	105.4401 ng/ml
Citalopram	5.216	736803	14681.29	43.9	7830.82	309656	103.7054 ng/ml
Clonazepam	5.615	770290	2750.67	33.9	∞	93430	105.8773 ng/ml
Cocaine	4.263	926354	115327.17	52.9	65427.70	721701	105.5438 ng/ml
Codeine	2.583	112034	1681.50	102.4	9252.32	52260	112.3906 ng/ml
Cyclobenzaprine	5.618	322195	11171.58	9.0	1014.38	124079	103.1251 ng/ml
Dextromethorphan	5.266	427421	31194.77	79.9	15983.57	194464	103.4490 ng/ml
Dextrophan	4.117	350469	776.16	206.0	11614.60	396674	101.6830 ng/ml
Diazepam	5.956	395047	750.14	87.4	6355.98	183672	107.8995 ng/ml
Dihydrocodeine	2.562	287792	∞	62.9	∞	155068	109.1407 ng/ml
Diphenhydramine	5.294	2036444	350167.91	33.5	58271.50	1216248	103.7797 ng/ml
Doxylamine	4.541	2557157	99664.69	98.1	77491.07	1071944	107.0764 ng/ml
EDDP	5.258	1225267	17100.87	42.9	10283.20	602775	103.5101 ng/ml
Fentanyl	5.114	57597	1057.00	69.1	69907.38	256456	10.2609 ng/ml
Fluoxetine	5.703	147208	498.45	8.9	1707.16	58440	102.9733 ng/ml
Hydrocodone	3.020	463973	537.34	38.2	∞	250376	115.7195 ng/ml
Hydromorphone	1.608	330788	∞	75.0	1422.92	102492	105.0637 ng/ml
Ketamine	4.058	925200	865.15	38.1	10271.77	424186	108.5237 ng/ml
Lamotrigine	4.286	76230	16298.23	80.2	35327.25	424186	106.3412 ng/ml
Lorazepam	5.750	619209	2933.26	58.9	5864.08	93430	106.6532 ng/ml
MDA	3.204	1525523	73908.85	23.3	896.00	412190	115.1263 ng/ml
MDMA	3.298	930682	21402.49	81.1	14728.76	90144	109.8481 ng/ml
Meprobamate	4.923	399003	16875.38	26.2	∞	183253	105.5096 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	1394777	1140.76	44.9	1950.80	592624	104.2162 ng/ml
Methamphetamine	3.239	1806445	3905.94	39.5	1501.02	656330	110.9362 ng/ml
Metoprolol	4.332	197150	66635.63	89.7	∞	1048178	100.2764 ng/ml
Mirtazapine	4.636	1423177	14998.37	46.9	31504.33	546870	100.9514 ng/ml
Mitragynine	5.241	216353	41712.69	40.1	5892.92	592624	98.6014 ng/ml
Morphine	1.246	51908	313.79	25.5	611.37	6465	107.7726 ng/ml
Norbuprenorphine	4.991	2773	1915.61	98.8	126.37	12332	11.1252 ng/ml
Nordiazepam	5.903	396030	∞	58.5	1023.26	123061	108.9814 ng/ml
Norfentanyl	4.085	185982	415.85	35.0	51.62	811730	9.8754 ng/ml
Norhydrocodone	3.068	55888	166.65	46.4	101.38	58891	95.6537 ng/ml
Noroxycodone	2.918	497958	5153.65	42.8	3676.77	167632	112.6784 ng/ml
O-desmethyl-tramadol	3.377	1871638	106262.02	7.0	8093.15	1031289	106.1190 ng/ml
Oxazepam	5.753	794520	10428.29	75.1	18759.13	425088	109.2289 ng/ml
Oxycodone	2.843	935065	3506.56	27.0	1704.88	379314	109.0220 ng/ml
Oxymorphone	1.403	391210	10600.64	43.9	6092.14	143278	103.5066 ng/ml
Phentermine	3.790	445756	12581.02	4.3	550.89	524235	102.7892 ng/ml
Promethazine	5.535	663327	376.76	28.5	694.92	268822	101.9062 ng/ml
Quetiapine	5.559	758750	28480.77	58.5	80005.60	100045	109.0893 ng/ml
Sertraline	5.772	27288	530.21	100.1	18556.55	11825	103.1593 ng/ml
Temazepam	5.819	1443622	68187.60	28.8	586.87	654153	105.5537 ng/ml
Tramadol	4.251	2006906	∞	3.7	223.08	1048178	107.7077 ng/ml
Trazodone	5.188	796961	530.86	80.5	85446.36	340464	105.5149 ng/ml
Venlafaxine	5.041	1747648	78996.33	39.7	947.94	885284	110.8957 ng/ml
Zolpidem	4.939	2143920	4669.22	30.5	35973.63	978629	111.1396 ng/ml



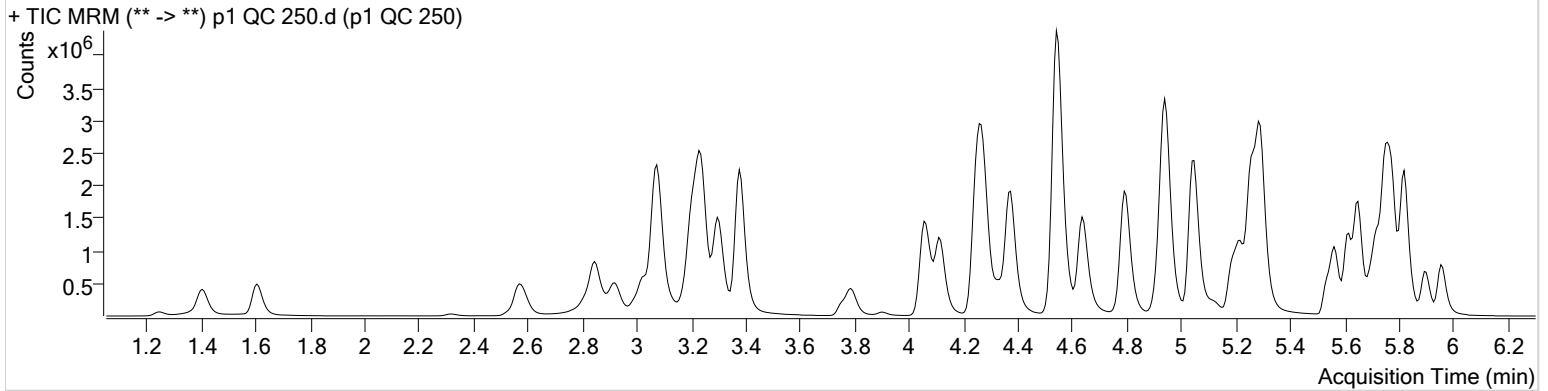
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

Instrument Instrument 1
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-C2
Injection Volume 2
Acq. Date-Time 1/20/2021 3:25:14 PM
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	3.139	56460	2687.18	71.5	27504.51	55381	24.3720 ng/ml
7-aminoclonazepam	4.277	641579	4685.28	80.3	564.22	91610	252.8688 ng/ml
a-hydroxyalprazolam	5.695	453476	3862.92	60.1	10567.08	61960	250.9180 ng/ml
alpha-PHP	4.942	606864	23550.88	264.3	52610.79	519185	233.8791 ng/ml
alpha-PVP	4.375	2979434	1150.61	53.7	39747.94	519185	251.7189 ng/ml
Alprazolam	5.778	1398787	∞	115.2	∞	193945	256.2091 ng/ml
Amphetamine	3.078	4603777	61173.05	51.6	40009.25	247333	237.9863 ng/ml
Benzoylcegonine	3.898	82008	6047.51	8.1	131.29	11680	262.2210 ng/ml
Buprenorphine	5.890	35696	183.31	14.7	8955.17	49472	25.4033 ng/ml
Bupropion	4.793	3107132	248131.52	61.4	43869.81	423601	248.8634 ng/ml
Carisoprodol	5.727	1338862	∞	53.1	9183.60	275309	251.5780 ng/ml
Citalopram	5.216	1308297	836.65	44.3	1147.74	235381	242.2773 ng/ml
Clonazepam	5.615	1686577	2920.08	33.6	20477.71	86880	250.0387 ng/ml
Cocaine	4.269	2006654	326747.31	52.9	63023.44	636249	259.4426 ng/ml
Codeine	2.590	249349	6276.74	97.2	18549.69	51451	254.8234 ng/ml
Cyclobenzaprine	5.618	404629	80797.52	8.7	429.18	63458	253.2908 ng/ml
Dextromethorphan	5.266	649989	18063.93	78.9	46377.82	119321	256.6506 ng/ml
Dextrophan	4.117	767087	1708.61	209.9	22706.73	364117	242.4301 ng/ml
Diazepam	5.956	838783	10015.44	87.0	8188.11	162786	258.6999 ng/ml
Dihydrocodeine	2.569	656241	∞	63.9	∞	158621	244.0534 ng/ml
Diphenhydramine	5.294	3741554	169449.72	33.3	51581.75	908991	254.9832 ng/ml
Doxylamine	4.541	6032856	181532.58	97.4	207991.72	1040469	260.8549 ng/ml
EDDP	5.258	2687642	69128.73	42.2	781.19	551065	248.4762 ng/ml
Fentanyl	5.114	73115	5005.68	68.8	201159.00	134432	24.8437 ng/ml
Fluoxetine	5.703	232989	13350.34	8.9	1499.17	37583	253.9017 ng/ml
Hydrocodone	3.027	1042387	∞	39.0	∞	252089	259.5722 ng/ml
Hydromorphone	1.608	746960	1271.71	77.2	∞	100669	242.0270 ng/ml
Ketamine	4.058	2107850	143867.19	38.7	24052.77	413970	254.3924 ng/ml
Lamotrigine	4.286	151665	∞	80.4	13903.62	413970	217.7242 ng/ml
Lorazepam	5.750	1122475	4858.61	58.9	9538.49	86880	208.8492 ng/ml
MDA	3.211	2808440	73440.41	23.9	1443.40	360335	243.7336 ng/ml
MDMA	3.298	2029909	275252.08	81.4	8595.58	82773	261.1300 ng/ml
Meprobamate	4.923	748962	54112.22	26.1	17887.03	169642	215.2878 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	2165948	2541.64	46.2	54199.26	394269	243.2979 ng/ml
Methamphetamine	3.239	4146828	118260.43	39.0	15947.12	643954	279.1887 ng/ml
Metoprolol	4.332	449072	13667.72	89.8	22417.36	965823	248.3521 ng/ml
Mirtazapine	4.636	2654385	5113.17	46.2	5983.81	519185	198.3193 ng/ml
Mitragynine	5.241	300021	31192.00	39.9	13630.83	394269	205.8932 ng/ml
Morphine	1.246	122976	1181.03	26.0	403.03	6551	252.9010 ng/ml
Norbuprenorphine	4.991	4602	9268.11	100.1	745.97	8590	26.6676 ng/ml
Nordiazepam	5.903	820767	∞	59.8	7455.83	109225	254.7522 ng/ml
Norfentanyl	4.085	440313	2474.36	34.0	3581.03	725660	26.0854 ng/ml
Norhydrocodone	3.068	117464	658.11	42.6	245.11	47373	250.4855 ng/ml
Noroxycodone	2.918	1065175	1738.55	43.3	1234.39	154675	261.8668 ng/ml
O-desmethyl-tramadol	3.377	4446003	123640.86	7.0	∞	1013699	256.5863 ng/ml
Oxazepam	5.753	1536871	38675.07	74.3	29454.19	343282	262.5352 ng/ml
Oxycodone	2.843	2187738	4120.64	27.2	4383.74	374563	258.9198 ng/ml
Oxymorphone	1.403	885281	1011.63	43.9	∞	137030	245.6223 ng/ml
Phentermine	3.790	995595	∞	4.4	1826.62	502998	240.0274 ng/ml
Promethazine	5.535	809248	104919.54	27.9	2401.98	136494	244.9032 ng/ml
Quetiapine	5.559	1364701	935863.44	60.1	325259.44	79080	248.5044 ng/ml
Sertraline	5.772	70777	∞	100.8	1567.48	13619	232.9926 ng/ml
Temazepam	5.819	3175896	24077.75	28.3	3130.60	596819	254.7107 ng/ml
Tramadol	4.251	4392662	∞	3.8	3548.82	965823	256.9571 ng/ml
Trazodone	5.188	1235710	333944.42	81.0	∞	222876	250.3859 ng/ml
Venlafaxine	5.048	3969525	52708.13	39.7	1760.99	837977	266.0712 ng/ml
Zolpidem	4.939	4706816	271147.21	30.4	6207.73	918613	260.9439 ng/ml

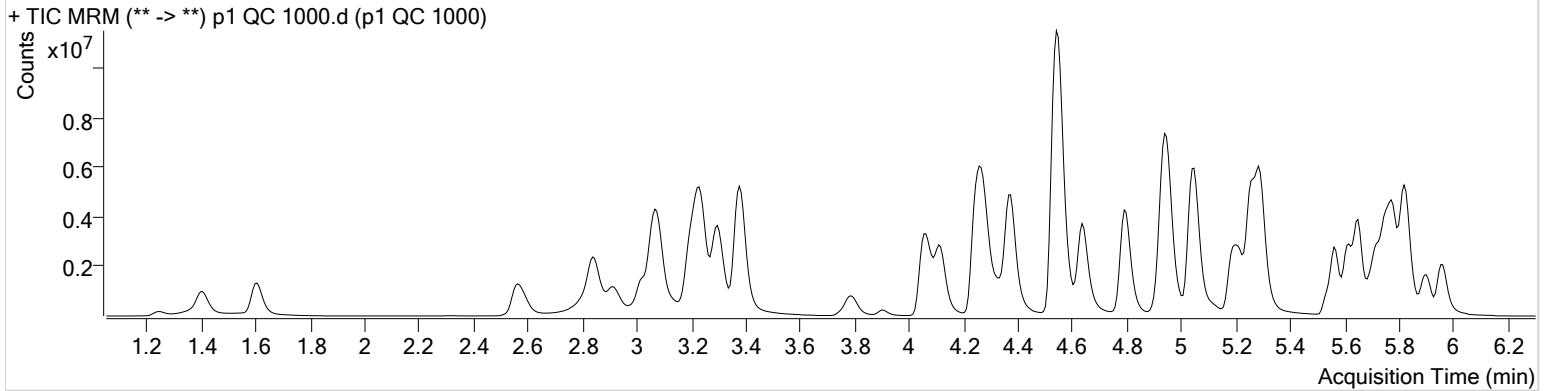


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

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	P6-D2	Comment	
Injection Volume	2		
Acq. Date-Time	1/20/2021 3:46:28 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	233655	1091.38	69.4	16242.90	55696	100.2957 ng/ml
7-aminoclonazepam	4.290	1487574	7816.98	76.1	16208.20	48310	1110.8372 ng/ml
a-hydroxyalprazolam	5.695	1302680	456.99	59.4	2802.96	49134	910.1858 ng/ml
alpha-PHP	4.942	1292633	12735.61	264.3	362316.28	379147	683.9386 ng/ml *
alpha-PVP	4.375	8676114	236952.84	53.8	137121.64	379147	1004.0709 ng/ml
Alprazolam	5.778	4280568	∞	112.0	∞	146894	1034.5632 ng/ml
Amphetamine	3.071	9726687	459.09	51.9	67073.98	176142	708.5193 ng/ml *
Benzoylcegonine	3.898	376736	37071.66	8.2	∞	13256	1063.2860 ng/ml
Buprenorphine	5.890	53525	1939.49	14.2	∞	18770	100.3991 ng/ml
Bupropion	4.793	7429658	304825.74	61.5	498506.32	264124	955.3234 ng/ml
Carisoprodol	5.727	3274566	225.69	52.2	23758.13	173418	977.3641 ng/ml
Citalopram	5.216	2767665	1344.01	44.0	871.34	123896	973.7762 ng/ml
Clonazepam	5.615	4750259	119227.77	34.0	40747.91	70746	866.1872 ng/ml
Cocaine	4.269	5451401	318183.29	52.1	104764.72	428579	1046.5670 ng/ml
Codeine	2.590	706385	5445.35	99.3	11062.20	40175	926.0693 ng/ml
Cyclobenzaprine	5.618	706175	57884.63	8.5	2103.74	27657	1014.4233 ng/ml
Dextromethorphan	5.266	1118489	65321.25	78.8	47783.81	52030	1013.3492 ng/ml
Dextrophan	4.117	2117414	55243.19	212.6	44728.00	243927	998.8515 ng/ml
Diazepam	5.963	2785314	∞	87.7	∞	141420	989.2616 ng/ml
Dihydrocodeine	2.555	1992565	∞	64.5	∞	166713	706.2232 ng/ml *
Diphenhydramine	5.294	8309036	∞	33.4	40777.16	497102	1035.1391 ng/ml
Doxylamine	4.541	18722396	∞	96.9	702526.48	945066	892.2697 ng/ml
EDDP	5.258	7841517	1233.98	41.8	55738.74	398214	1003.4879 ng/ml
Fentanyl	5.114	157849	13947.42	67.7	1115.59	73910	97.5450 ng/ml
Fluoxetine	5.703	308099	79271.70	9.2	1166.40	12354	1022.3689 ng/ml
Hydrocodone	3.020	3178297	598.88	37.8	458.47	227466	879.7442 ng/ml
Hydromorphone	1.608	2352678	∞	75.9	997.25	83857	916.1803 ng/ml
Ketamine	4.058	6575930	4204.14	37.6	51587.56	357669	920.6093 ng/ml
Lamotrigine	4.293	301466	11054.30	83.1	119662.02	357669	502.0593 ng/ml *
Lorazepam	5.743	1534149	∞	58.1	4171.34	70746	351.2146 ng/ml
MDA	3.197	5258214	241590.84	23.6	176.85	229425	718.9896 ng/ml
MDMA	3.298	5429295	313287.60	82.0	95287.72	58107	995.3342 ng/ml
Meprobamate	4.916	1254783	42400.82	27.6	64910.77	140887	435.6358 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	5042501	204025.45	45.1	1128.27	221608	1007.8231 ng/ml
Methamphetamine	3.232	10481039	31495.30	38.7	18649.67	598873	783.9358 ng/ml*
Metoprolol	4.332	1241222	419427.85	90.1	∞	774672	856.5874 ng/ml
Mirtazapine	4.636	6487719	373490.62	46.7	133564.08	379147	663.7383 ng/ml*
Mitragynine	5.241	425235	32136.90	39.7	8576.47	221608	519.7100 ng/ml*
Morphine	1.246	399559	638.07	25.7	647.87	5908	912.9943 ng/ml
Norbuprenorphine	4.997	8493	179.58	99.3	120.64	4010	105.7825 ng/ml
Nordiazepam	5.903	2481960	∞	59.3	16926.89	86397	974.4972 ng/ml
Norfentanyl	4.085	1414744	79106.45	35.1	3744.35	464642	130.7310 ng/ml*
Norhydrocodone	3.068	359053	∞	42.3	481.89	29915	1213.8219 ng/ml*
Noroxycodone	2.911	2652979	915.81	42.6	∞	99807	1012.1704 ng/ml
O-desmethyl-tramadol	3.377	13852273	777674.60	7.2	47494.47	813338	996.6406 ng/ml
Oxazepam	5.753	2198452	76860.41	74.4	∞	151250	853.8054 ng/ml
Oxycodone	2.836	7756004	3592.57	26.8	∞	374571	919.0414 ng/ml
Oxymorphone	1.403	2840940	372.09	42.6	∞	113264	955.1219 ng/ml
Phentermine	3.790	2425543	2637.45	4.3	209424.68	432993	680.3572 ng/ml*
Promethazine	5.535	1494428	42231.61	28.2	1232.26	62606	986.1178 ng/ml
Quetiapine	5.559	3925807	719979.83	59.1	57877.15	56267	1005.3646 ng/ml
Sertraline	5.772	73272	3138.95	96.3	3849.82	3553	926.0697 ng/ml
Temazepam	5.819	9609455	97381.12	28.4	66530.61	462775	994.3121 ng/ml
Tramadol	4.245	11415090	∞	3.9	13116.22	774672	834.3172 ng/ml
Trazodone	5.188	3877517	∞	79.8	332254.39	178904	979.7851 ng/ml
Venlafaxine	5.048	12183372	13388.35	40.2	55712.07	634323	1078.7498 ng/ml
Zolpidem	4.945	13833522	∞	30.7	330948.55	837210	843.1610 ng/ml

*Not included in curve. cs

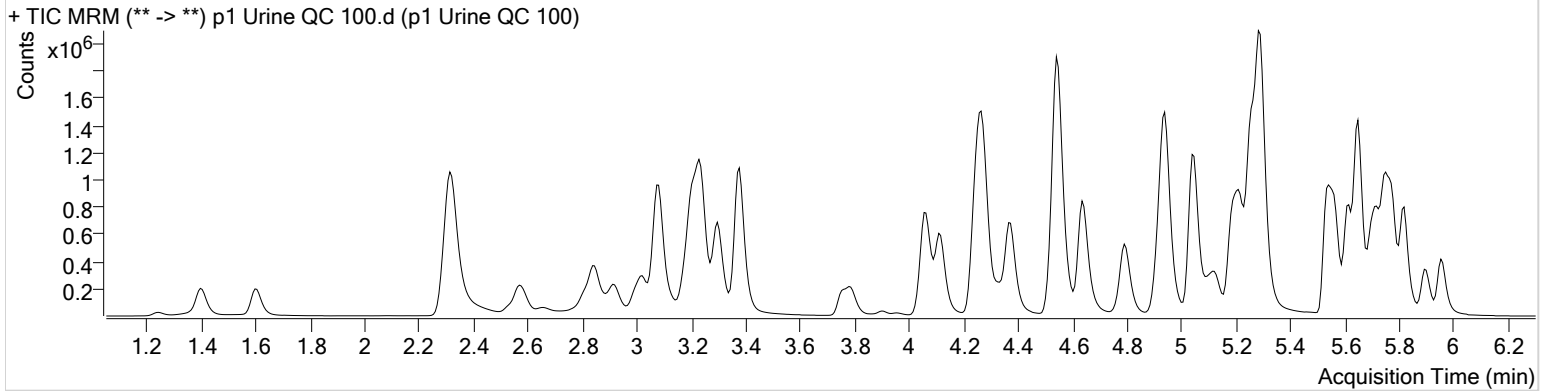
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

Instrument	Instrument 1	Data File	p1 Urine QC 100.d
Type	Sample	Sample	p1 Urine QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-E2	Comment	
Injection Volume	2		
Acq. Date-Time	1/20/2021 4:18:15 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	19939	1182.30	69.3	1526.68	46114	10.3354 ng/ml
7-aminoclonazepam	4.277	368981	5027.59	81.6	29240.68	138828	96.1411 ng/ml
a-hydroxyalprazolam	5.695	163614	437.34	59.3	14169.76	51450	108.7597 ng/ml
alpha-PHP	4.942	204161	2528.87	263.7	3486.29	394632	102.9989 ng/ml
alpha-PVP	4.375	898562	2867.50	53.1	7960.18	394632	99.8089 ng/ml
Alprazolam	5.778	492135	7343.69	111.6	4923.63	163413	107.1041 ng/ml
Amphetamine	3.084	1747492	2351.17	52.9	58281.46	238842	92.7769 ng/ml
Benzoylcegonine	3.898	49656	869.64	8.3	342.31	10722	172.7545 ng/ml
Buprenorphine	5.890	18716	988.41	14.6	4657.27	57612	11.4362 ng/ml
Bupropion	4.793	772176	61324.11	60.9	3390.70	253778	103.0376 ng/ml
Carisoprodol	5.727	512397	∞	52.4	1150.19	238573	111.0024 ng/ml
Citalopram	5.216	801824	525.39	44.2	353.10	348251	100.3490 ng/ml
Clonazepam	5.615	592030	∞	33.7	11197.40	73476	103.4628 ng/ml
Cocaine	4.269	772398	29824.27	53.2	20379.38	602176	105.4705 ng/ml
Codeine	2.590	101286	∞	99.9	7065.58	48682	109.0579 ng/ml
Cyclobenzaprine	5.618	609732	805.16	8.5	376.74	227889	106.2587 ng/ml
Dextromethorphan	5.266	542565	33456.21	78.8	14367.06	241463	105.7616 ng/ml
Dextrophan	4.117	323979	2334.94	208.0	1445.66	368110	101.2915 ng/ml
Diazepam	5.956	380783	3928.10	88.7	6501.48	175122	109.0826 ng/ml
Dihydrocodeine	2.569	265039	∞	63.5	∞	143925	108.2885 ng/ml
Diphenhydramine	5.294	2240959	667.83	33.6	17049.72	1316262	105.5229 ng/ml
Doxylamine	4.541	2433982	100703.24	96.5	69430.18	1002460	108.9904 ng/ml
EDDP	5.258	1094261	2762.84	41.8	1611.73	548008	101.6799 ng/ml
Fentanyl	5.114	92124	3172.36	65.8	259.46	400883	10.4990 ng/ml
Fluoxetine	5.703	556268	25925.49	9.0	9409.53	212105	107.2243 ng/ml
Hydrocodone	3.020	406210	∞	39.6	1151.74	232894	108.8533 ng/ml
Hydromorphone	1.608	284502	1655.49	73.6	607.89	89490	103.4856 ng/ml
Ketamine	4.058	768578	41708.13	38.4	2730.75	345930	110.5612 ng/ml
Lamotrigine	4.286	76990	4135.16	83.3	1388.66	345930	131.9105 ng/ml
Lorazepam	5.743	399471	3798.59	55.1	∞	73476	87.3142 ng/ml
MDA	3.204	1338043	∞	23.8	1071.18	350231	118.8795 ng/ml
MDMA	3.298	871620	44960.77	82.5	4508.43	83970	110.4417 ng/ml
Meprobamate	4.929	348207	950.54	26.2	654.24	155741	108.3780 ng/ml

AM #28 Multi-Drug Quant. Results

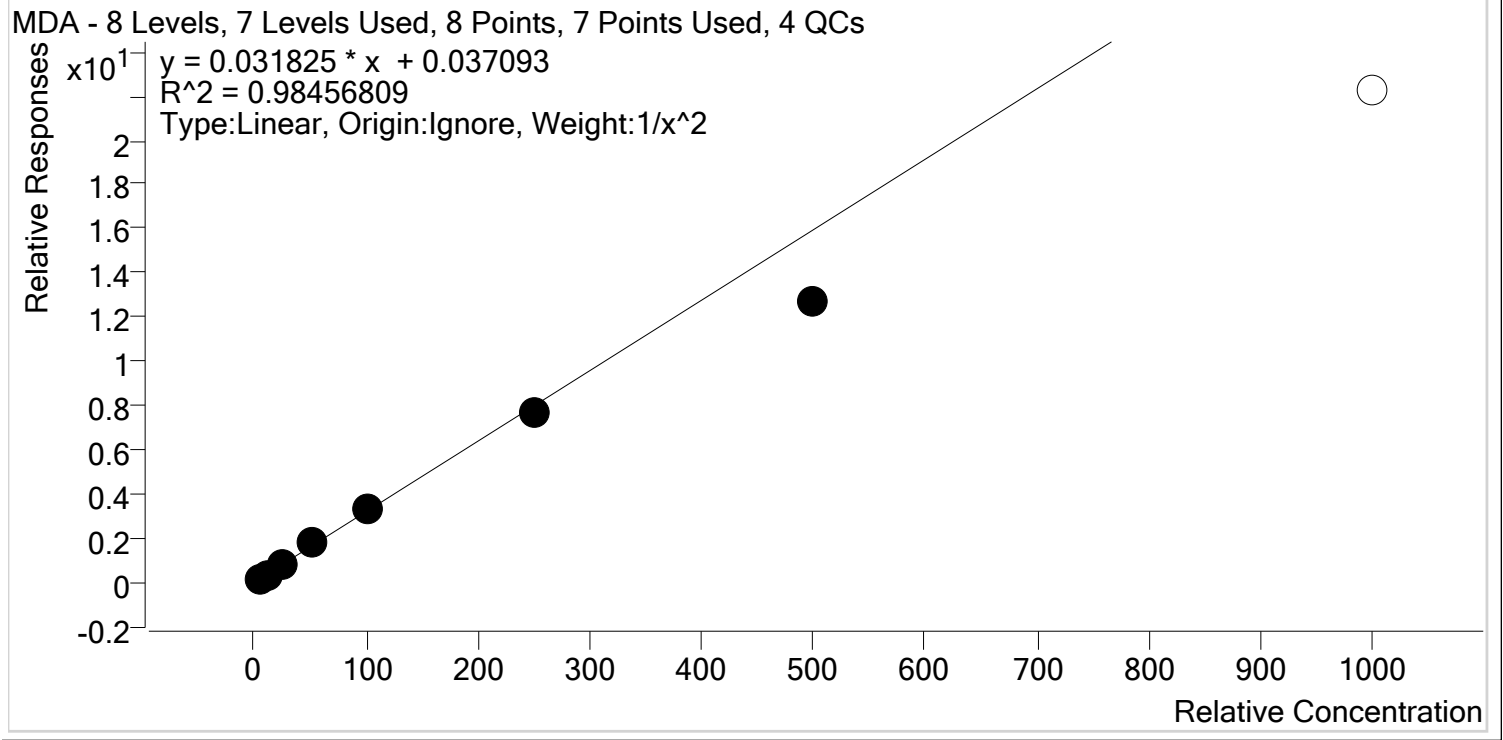


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	1586223	22747.41	45.3	1508.49	676684	103.7977 ng/ml
Methamphetamine	3.239	1567806	2297.04	39.2	13183.02	540710	117.6525 ng/ml
Metoprolol	4.332	186111	3078.06	89.5	∞	911622	108.8679 ng/ml
Mirtazapine	4.636	1484025	6439.25	46.8	5803.53	394632	145.8739 ng/ml
Mitragynine	5.241	282030	19393.66	39.7	52587.52	676684	112.6150 ng/ml
Morphine	1.246	48645	718.77	26.1	480.35	6251	104.4274 ng/ml
Norbuprenorphine	4.991	3072	∞	91.7	728.11	13503	11.2584 ng/ml
Nordiazepam	5.903	365413	1498.05	59.0	644.70	114823	107.7682 ng/ml
Norfentanyl	4.085	173031	2182.60	34.4	183.58	745326	10.0058 ng/ml
Norhydrocodone	3.068	57941	291.60	42.4	125.84	54243	107.7074 ng/ml
Noroxycodone	2.918	421644	470.79	43.5	5651.92	143497	111.4526 ng/ml
O-desmethyl-tramadol	3.377	1717453	82650.84	7.1	928.21	937953	107.0676 ng/ml
Oxazepam	5.753	498545	260.09	72.5	45.05	283390	102.7712 ng/ml
Oxycodone	2.843	878087	3253.78	27.1	1902.76	348937	111.3007 ng/ml
Oxymorphone	1.396	360144	963.65	44.1	∞	128361	106.3745 ng/ml
Phentermine	3.790	418165	∞	4.4	1185.39	465109	108.7176 ng/ml
Promethazine	5.535	1224331	2060.78	28.5	2011.74	492168	102.7362 ng/ml
Quetiapine	5.559	889923	59281.51	60.7	17351.26	113672	112.6176 ng/ml
Sertraline	5.772	107838	3655.73	98.7	40980.92	45816	105.2321 ng/ml
Temazepam	5.819	883442	1840.94	29.3	117.68	412936	102.3240 ng/ml
Tramadol	4.251	1751447	86793.94	3.8	∞	911622	108.0806 ng/ml
Trazodone	5.188	1153782	1518.47	80.5	49066.52	494219	105.2319 ng/ml
Venlafaxine	5.048	1631272	967.02	40.1	1728.75	828086	110.6608 ng/ml
Zolpidem	4.939	1974686	9921.78	30.3	26995.28	890380	112.5218 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

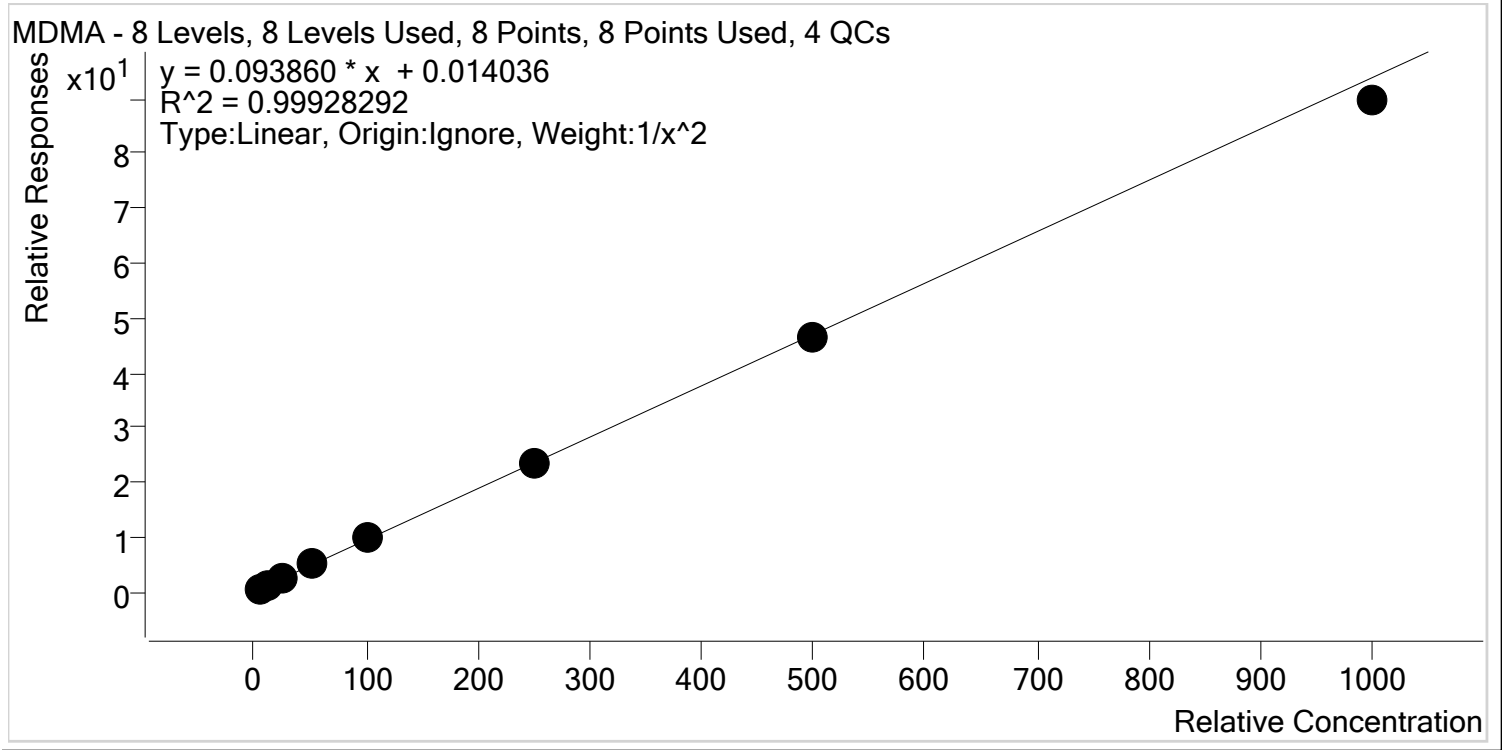


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2- 10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.8
p1 Cal 4-50ng	4	✓	50.0	55.6	111.2
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	240.6	96.2
p1 Cal 7-500ng	7	✓	500.0	400.6	80.1
p1 Cal 8-1000ng	8	✗	1000.0	697.6	69.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

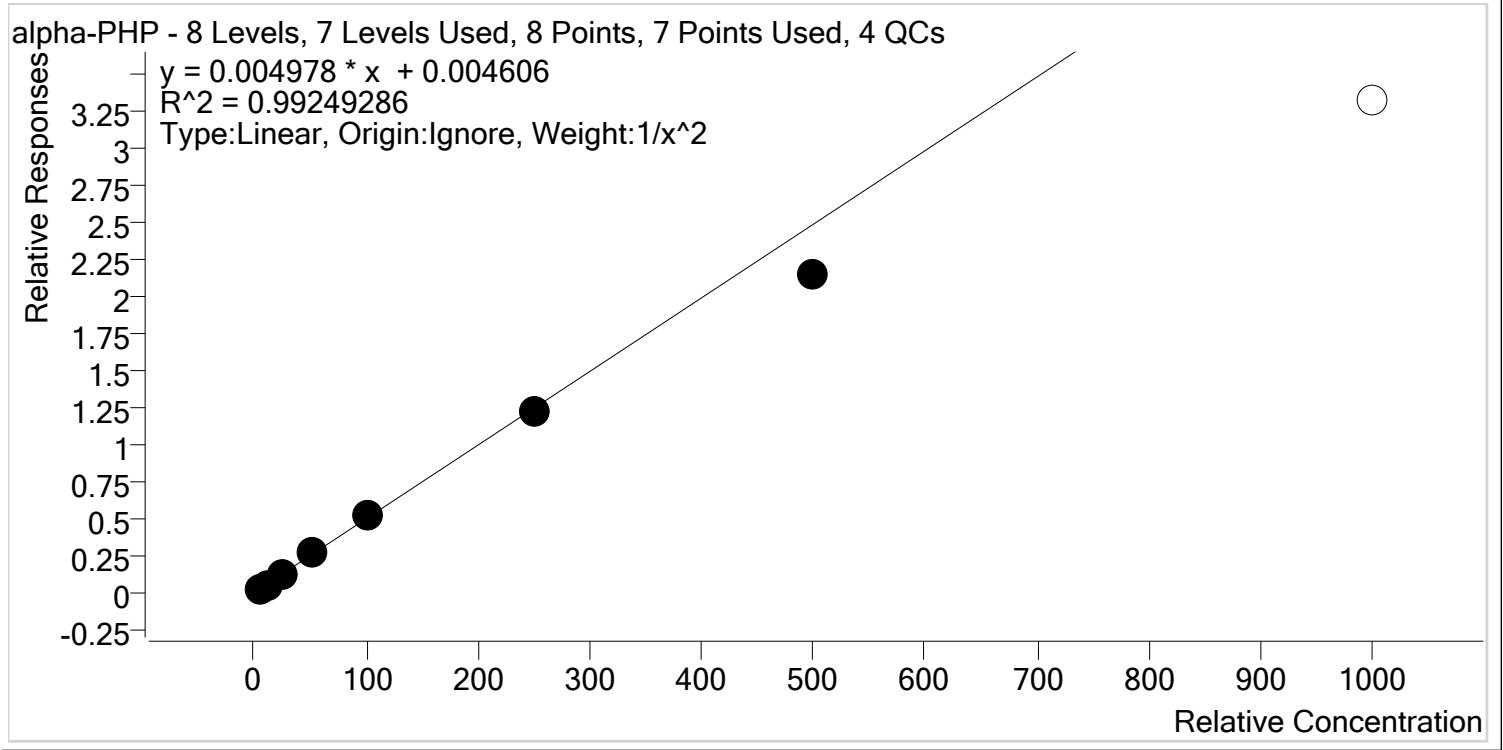


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	250.4	100.1
p1 Cal 7-500ng	7	✓	500.0	497.1	99.4
p1 Cal 8-1000ng	8	✓	1000.0	955.3	95.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

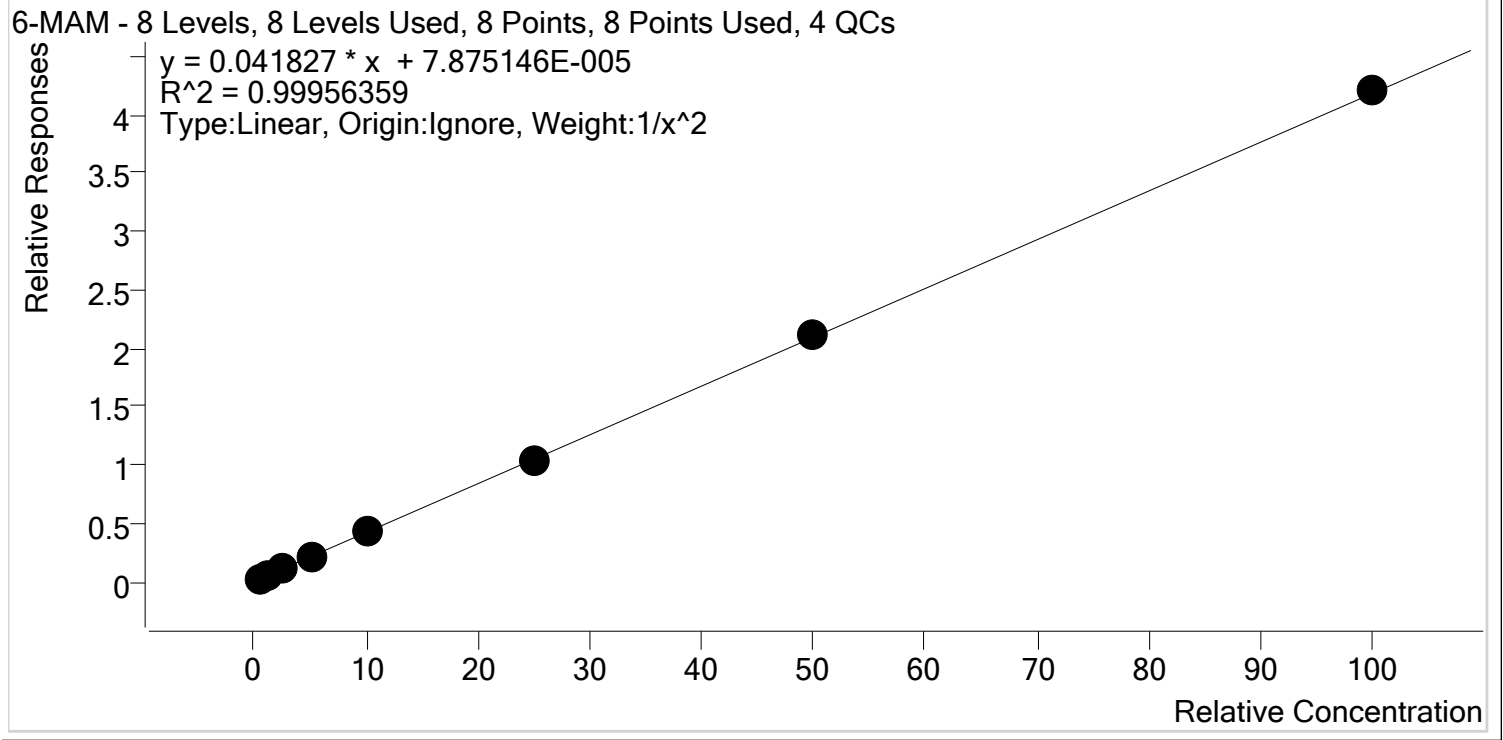


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	429.7	85.9
p1 Cal 8-1000ng	8	✗	1000.0	668.0	66.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

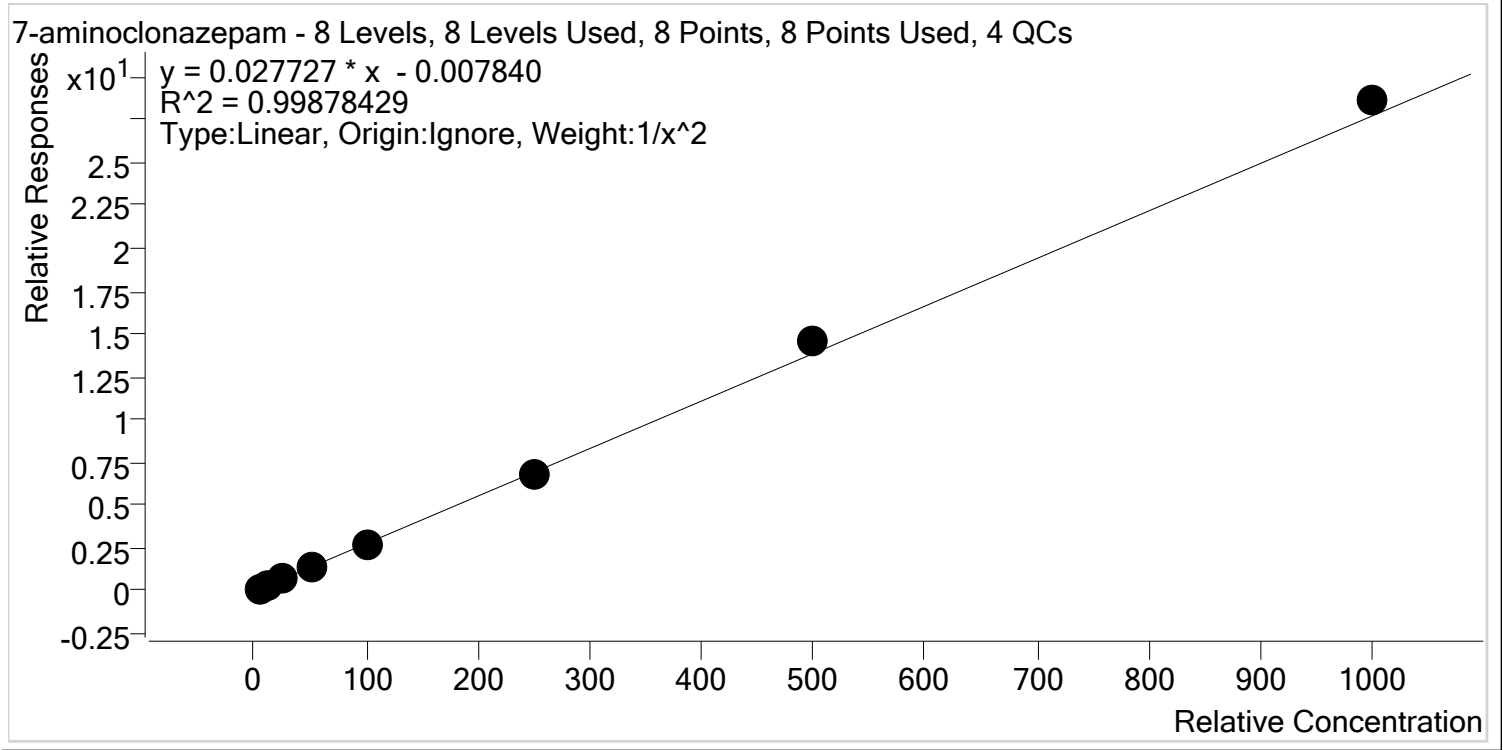


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.0
p1 Cal 2- 10ng	2	✓	1.0	1.0	97.2
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.4
p1 Cal 4-50ng	4	✓	5.0	5.1	102.0
p1 Cal 5-100ng	5	✓	10.0	9.9	98.9
p1 Cal 6-250ng	6	✓	25.0	24.4	97.7
p1 Cal 7-500ng	7	✓	50.0	50.6	101.2
p1 Cal 8-1000ng	8	✓	100.0	100.6	100.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

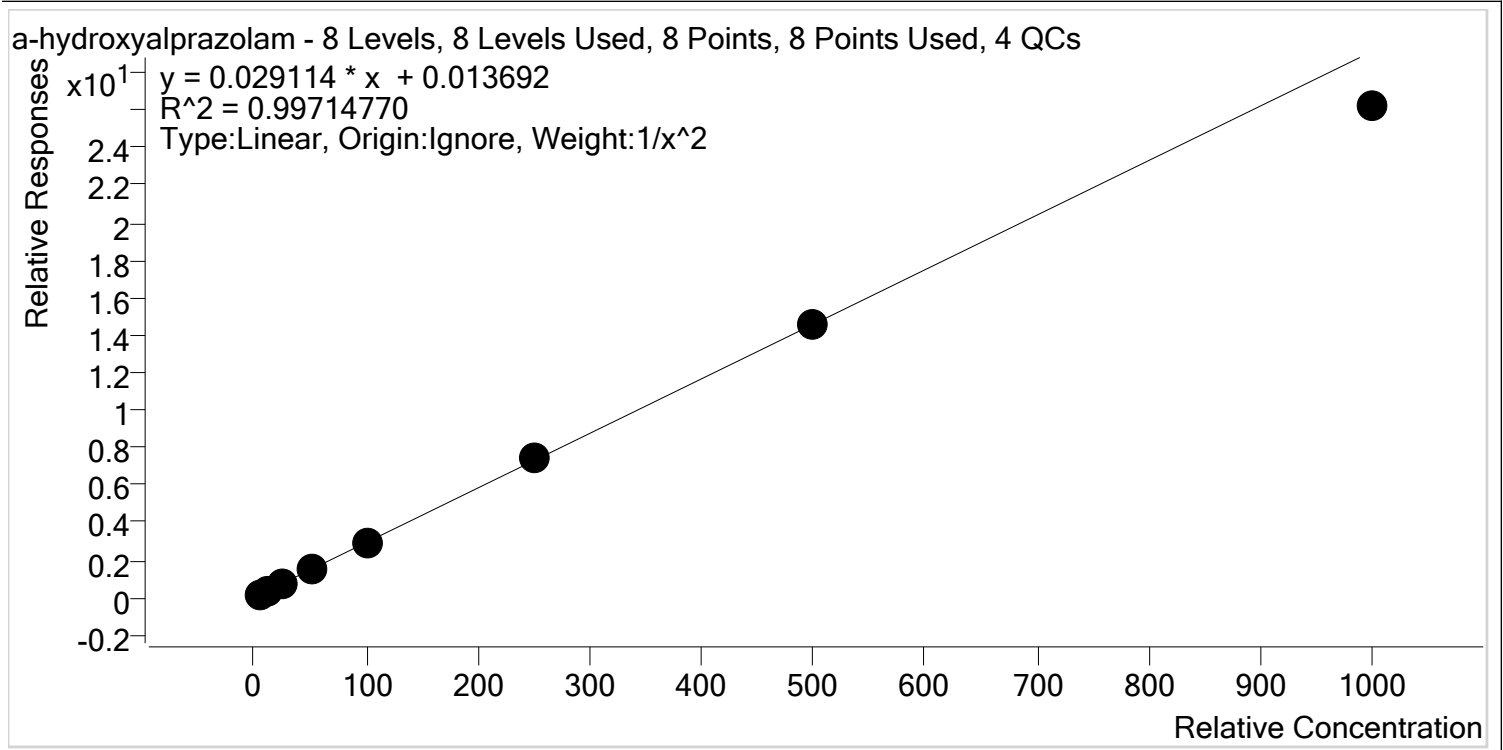


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	524.2	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1032.4	103.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

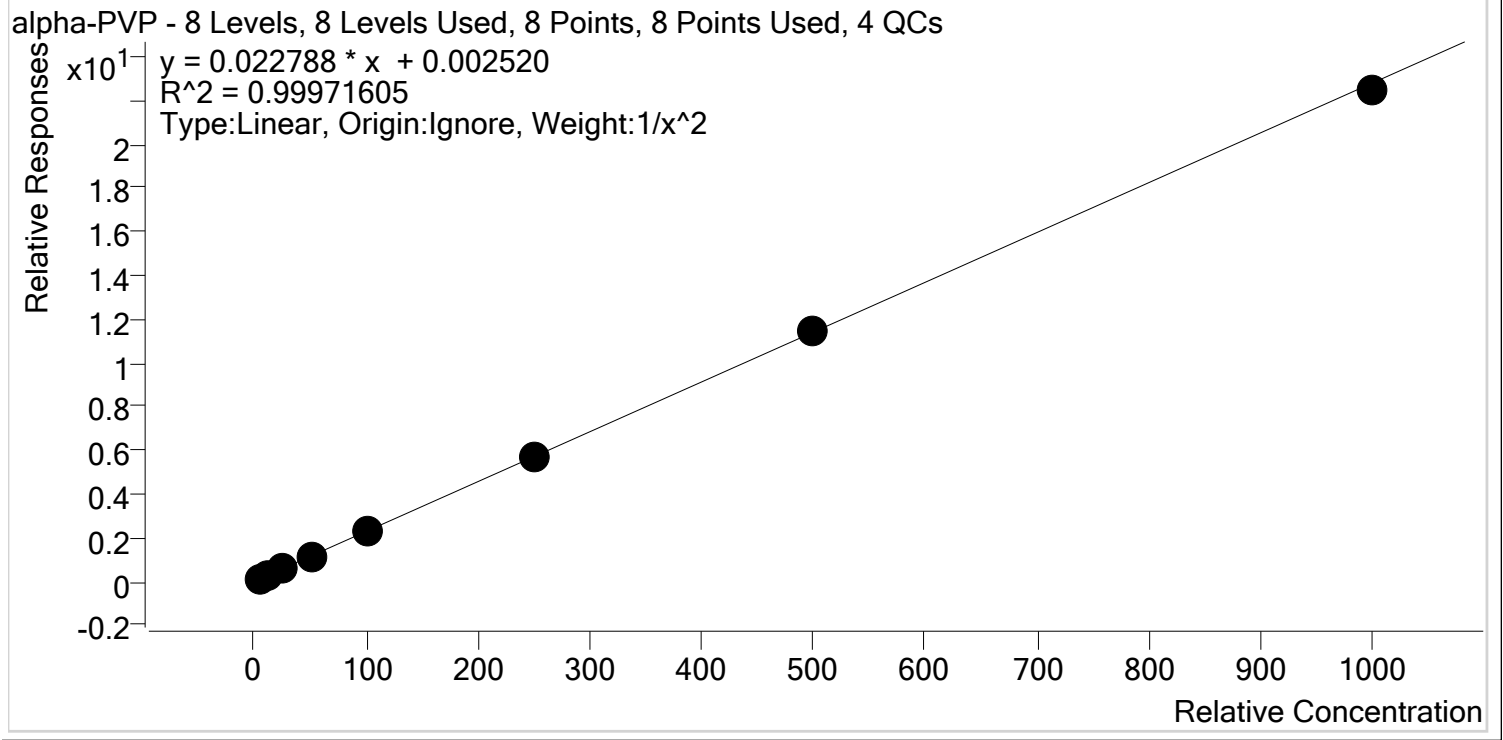


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	503.2	100.6
p1 Cal 8-1000ng	8	✓	1000.0	899.6	90.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

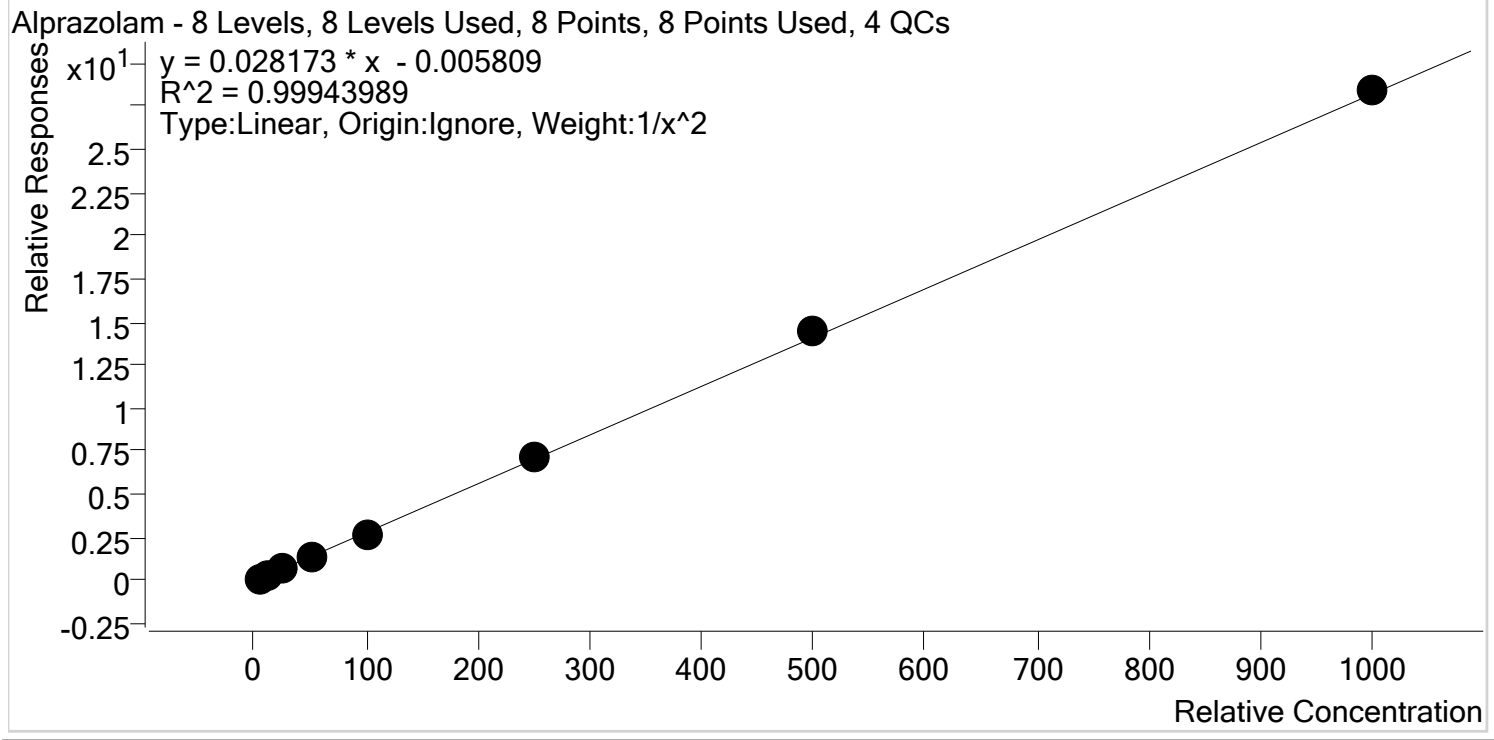


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	499.2	99.8
p1 Cal 8-1000ng	8	✓	1000.0	985.0	98.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

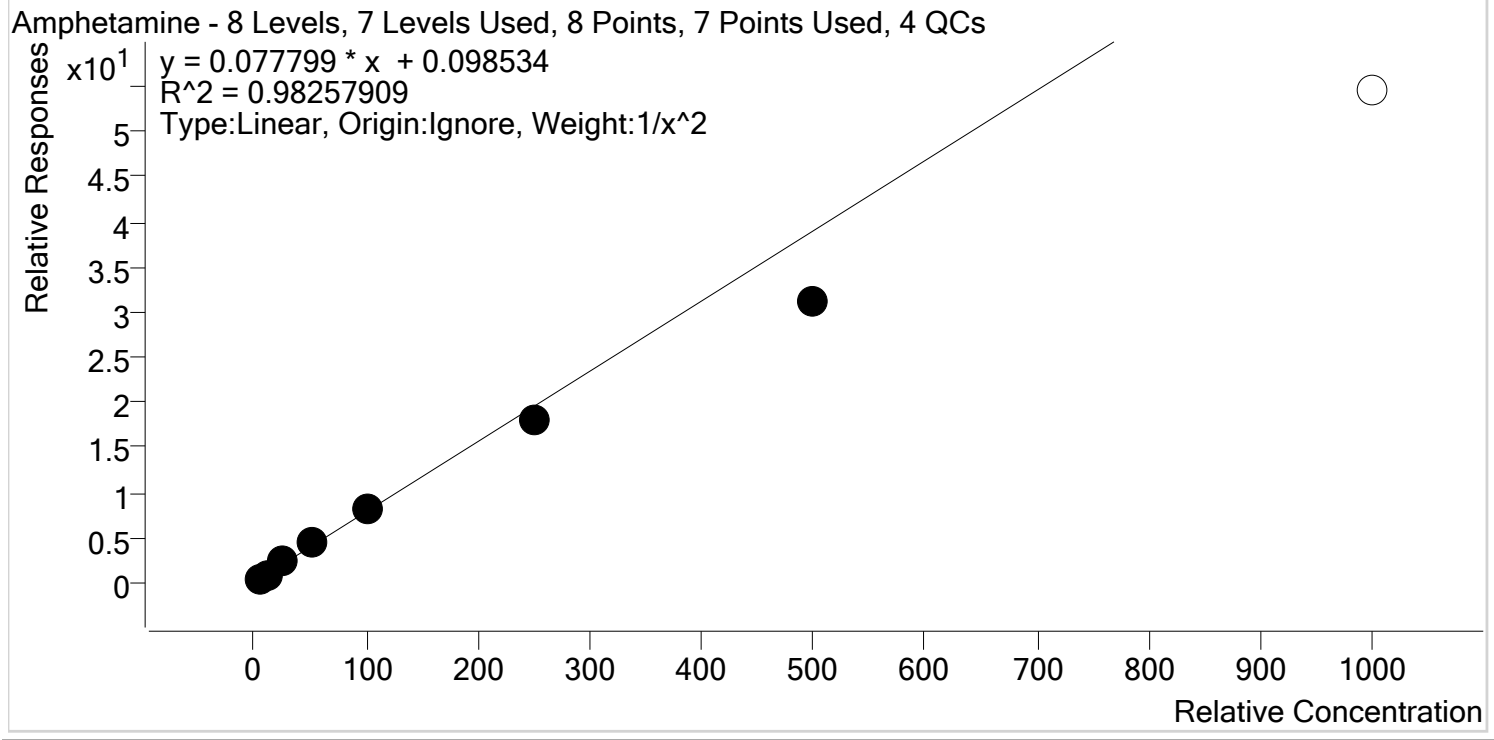


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	516.0	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1007.1	100.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

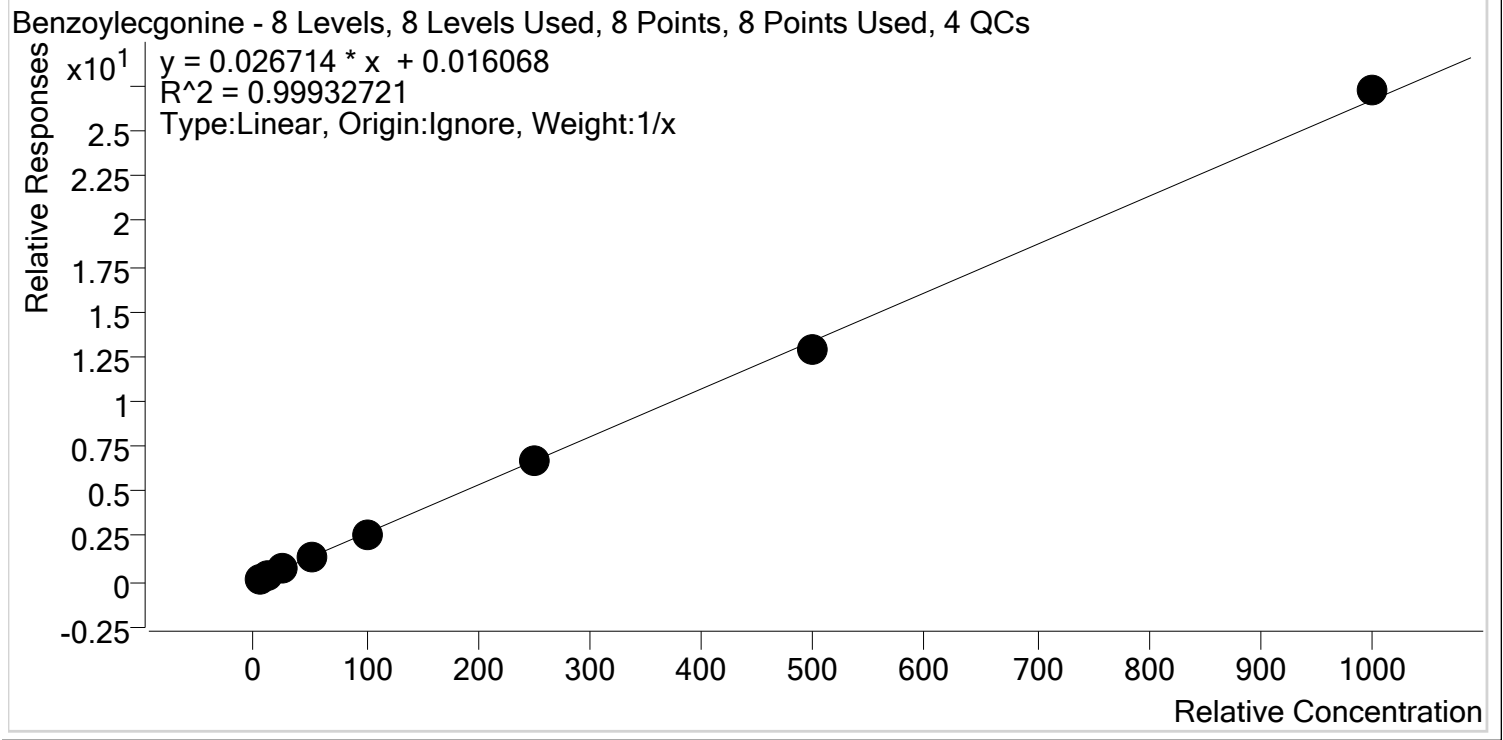


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	27.7	111.0
p1 Cal 4-50ng	4	✓	50.0	55.9	111.8
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	233.4	93.4
p1 Cal 7-500ng	7	✓	500.0	401.2	80.2
p1 Cal 8-1000ng	8	✗	1000.0	699.6	70.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

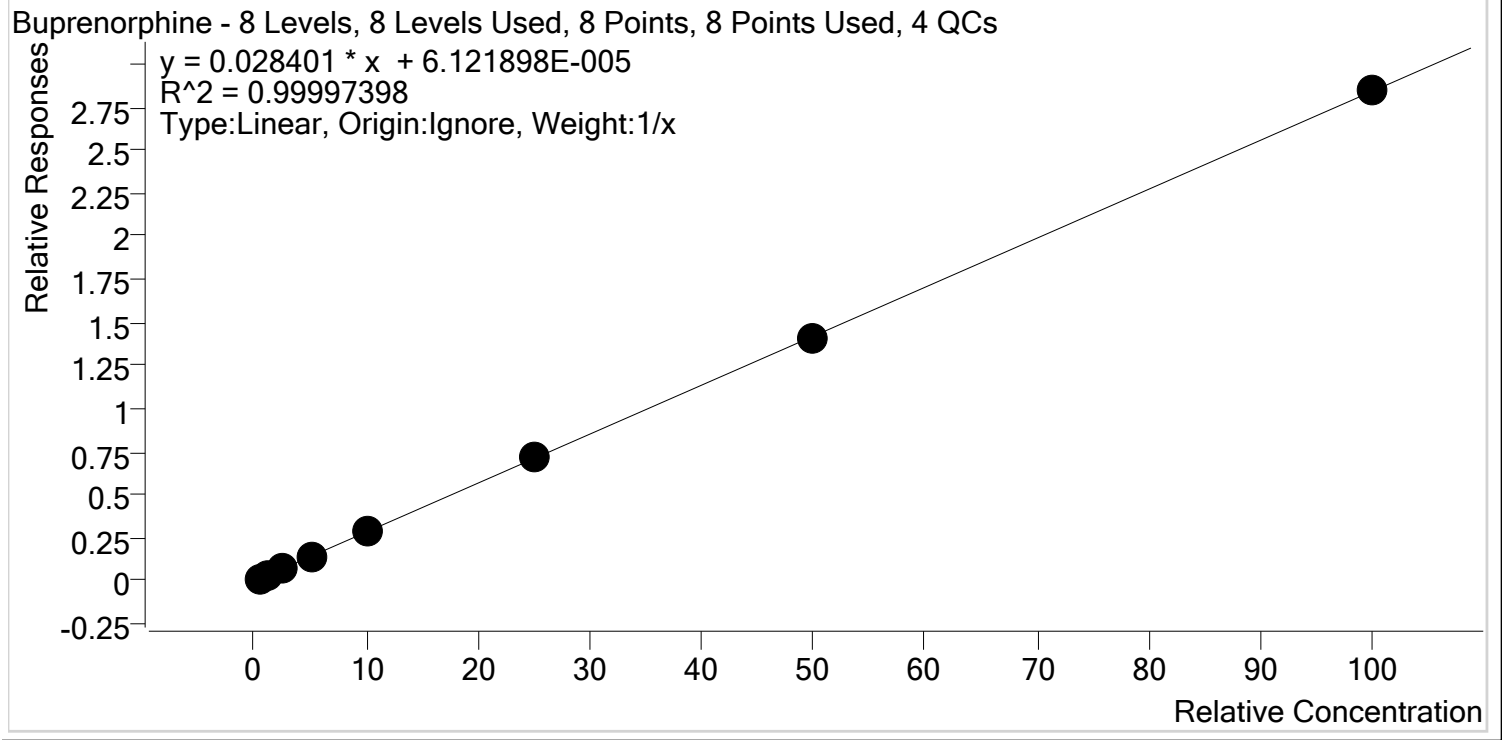


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.0
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	481.0	96.2
p1 Cal 8-1000ng	8	✓	1000.0	1020.0	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

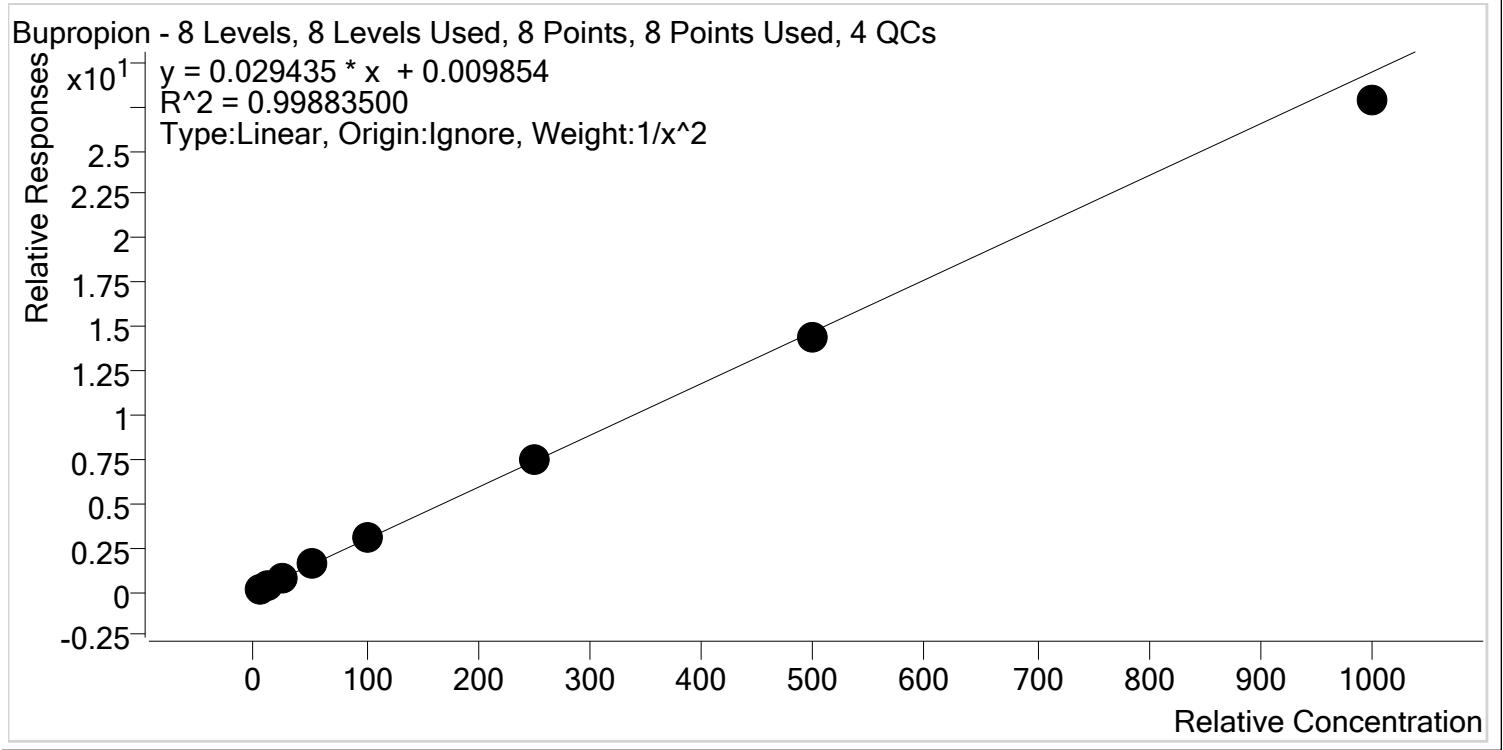


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	97.5
p1 Cal 2- 10ng	2	✓	1.0	1.0	104.6
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.3
p1 Cal 4-50ng	4	✓	5.0	5.0	99.2
p1 Cal 5-100ng	5	✓	10.0	10.0	100.5
p1 Cal 6-250ng	6	✓	25.0	25.0	100.1
p1 Cal 7-500ng	7	✓	50.0	49.8	99.6
p1 Cal 8-1000ng	8	✓	100.0	100.1	100.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

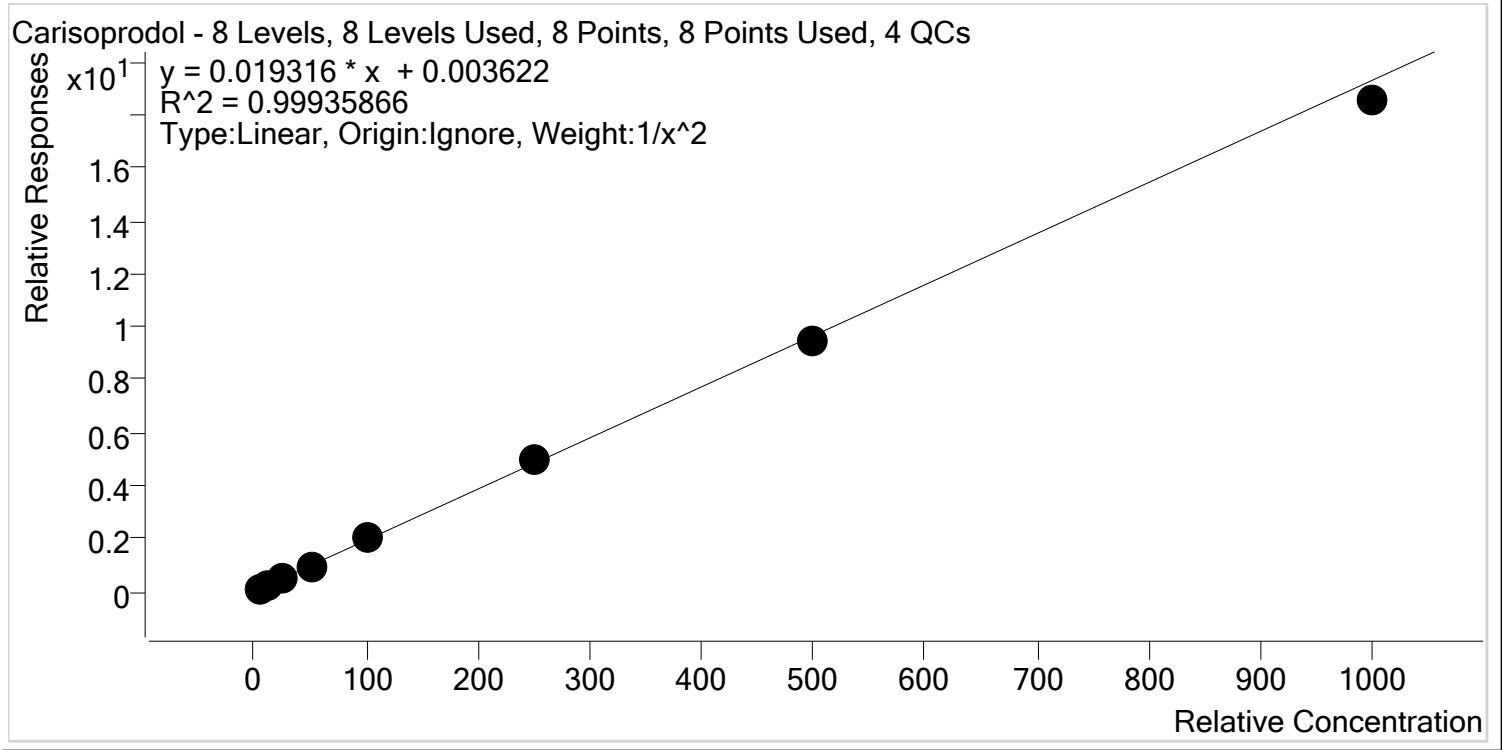


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	485.9	97.2
p1 Cal 8-1000ng	8	✓	1000.0	944.8	94.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

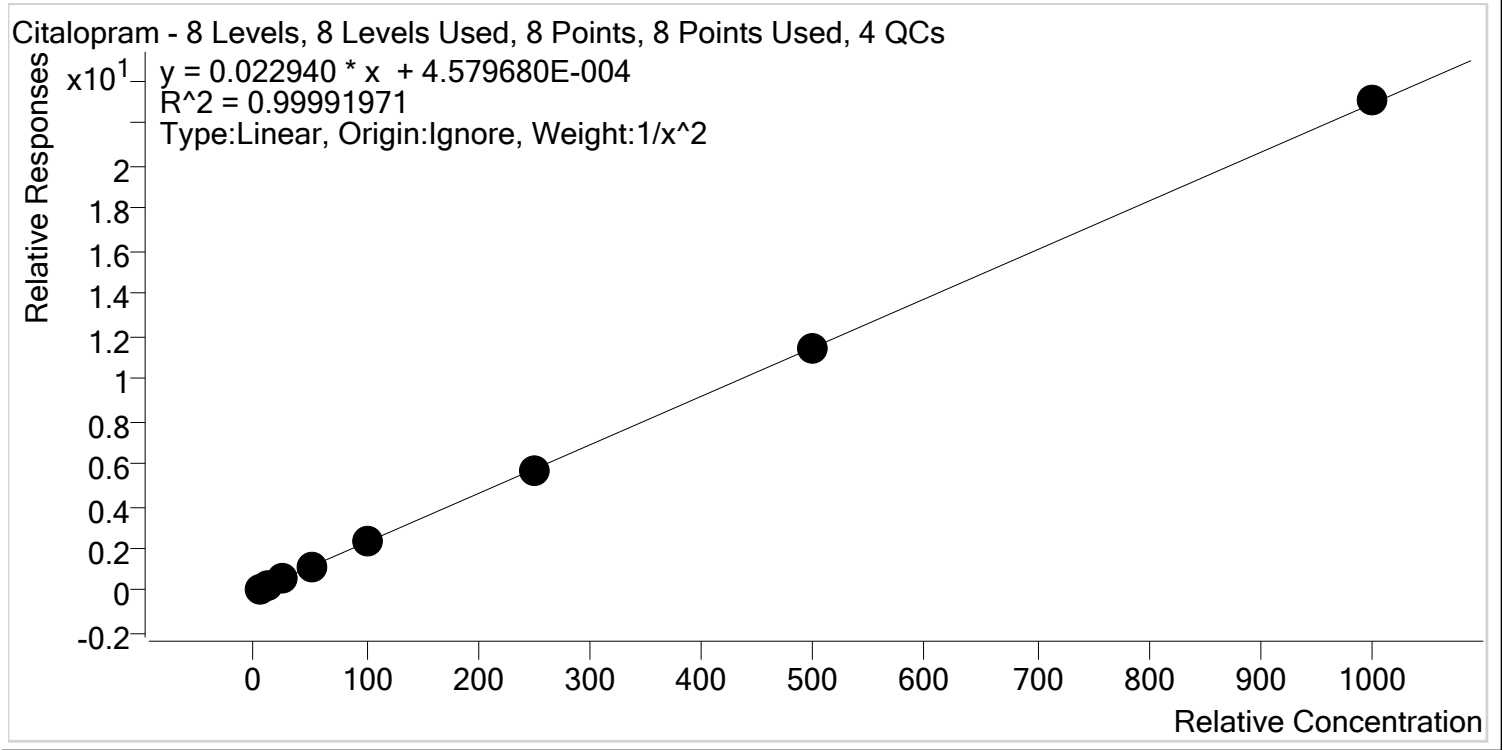


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	488.4	97.7
p1 Cal 8-1000ng	8	✓	1000.0	960.3	96.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

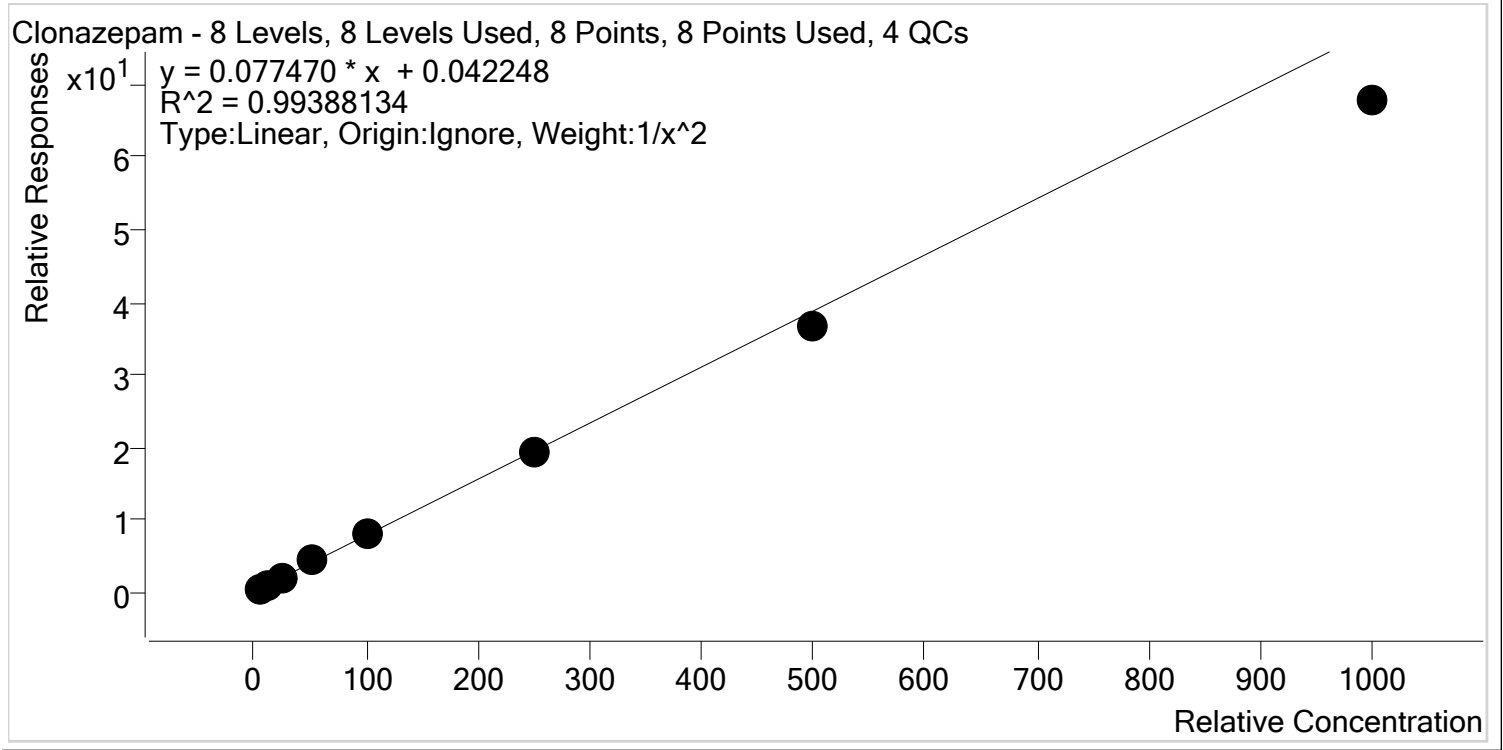


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	499.4	99.9
p1 Cal 8-1000ng	8	✓	1000.0	1006.4	100.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

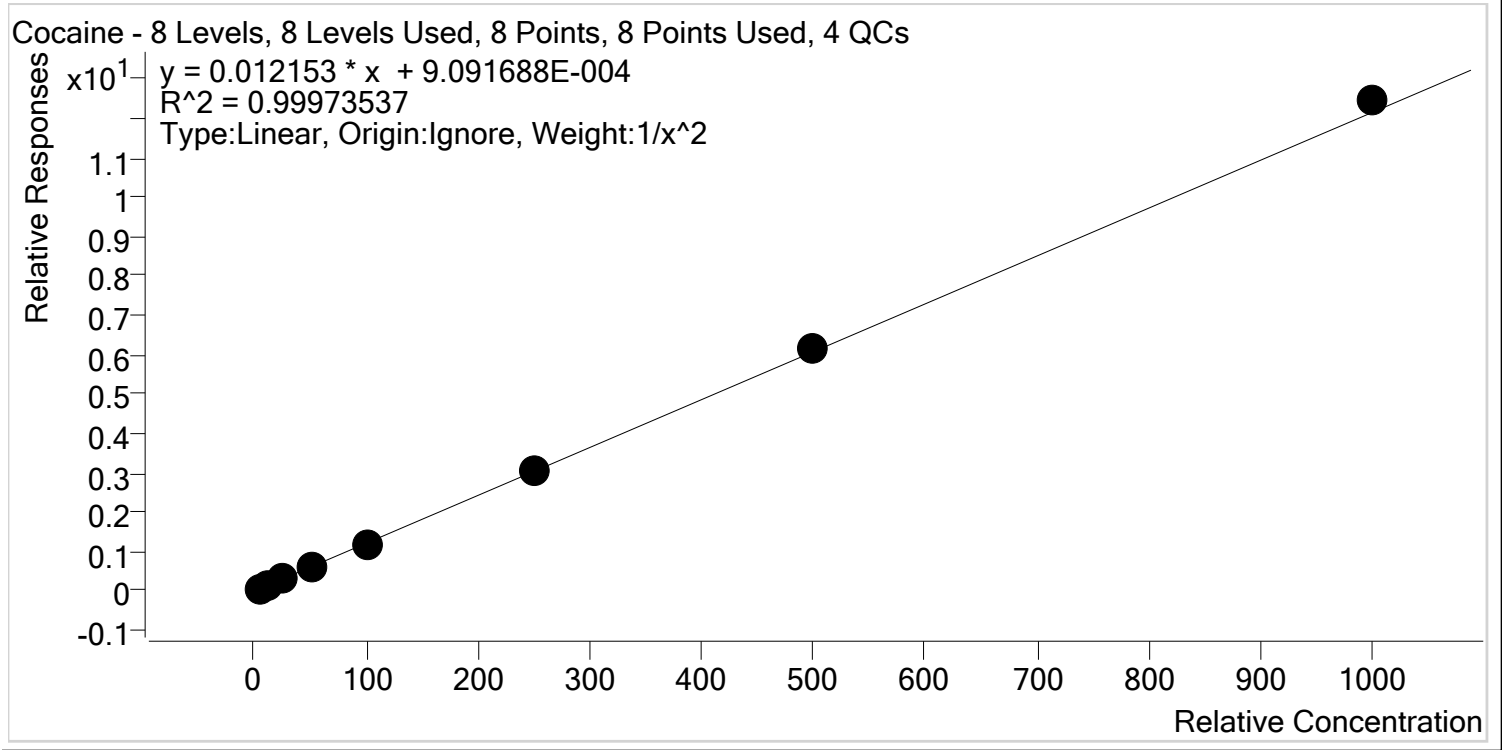


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	471.8	94.4
p1 Cal 8-1000ng	8	✓	1000.0	874.9	87.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

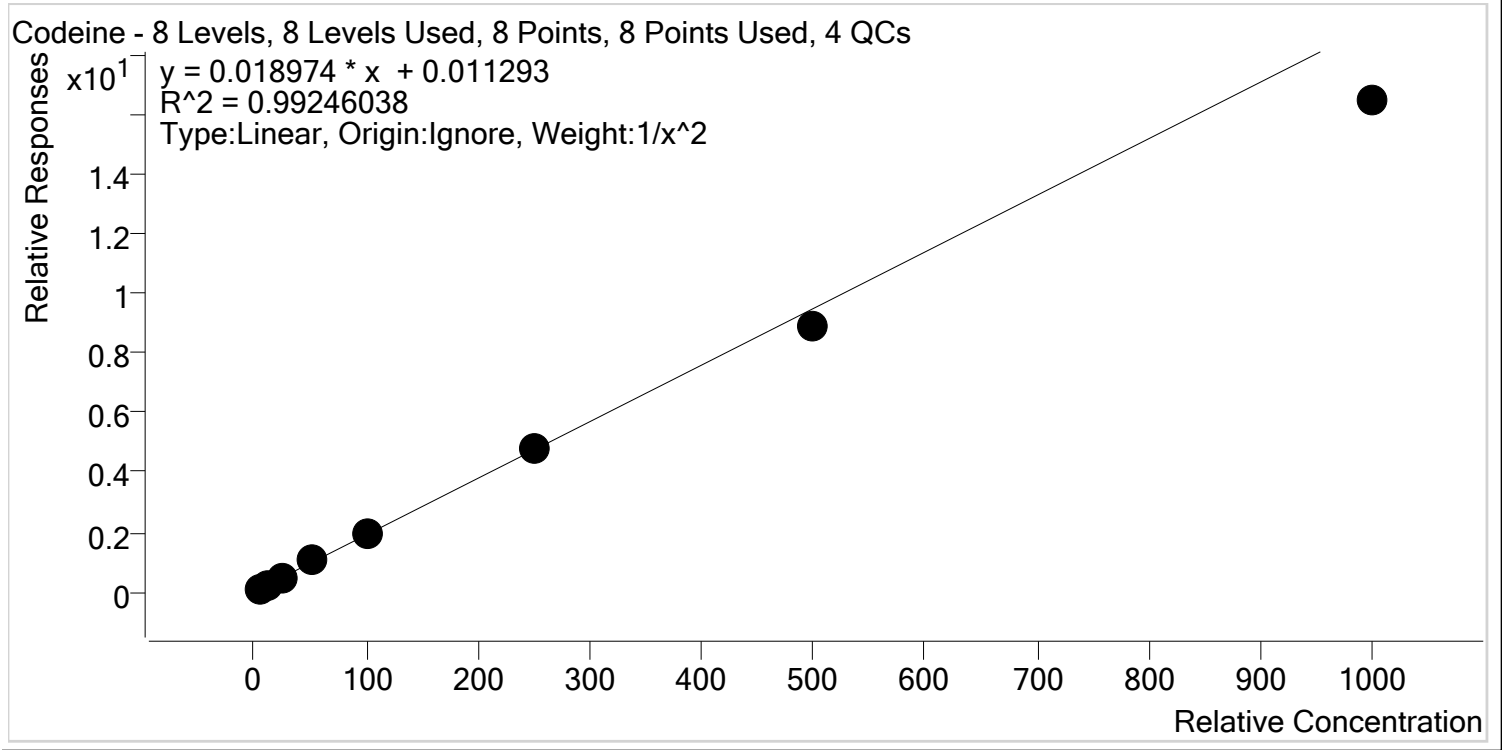


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	506.4	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1024.8	102.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

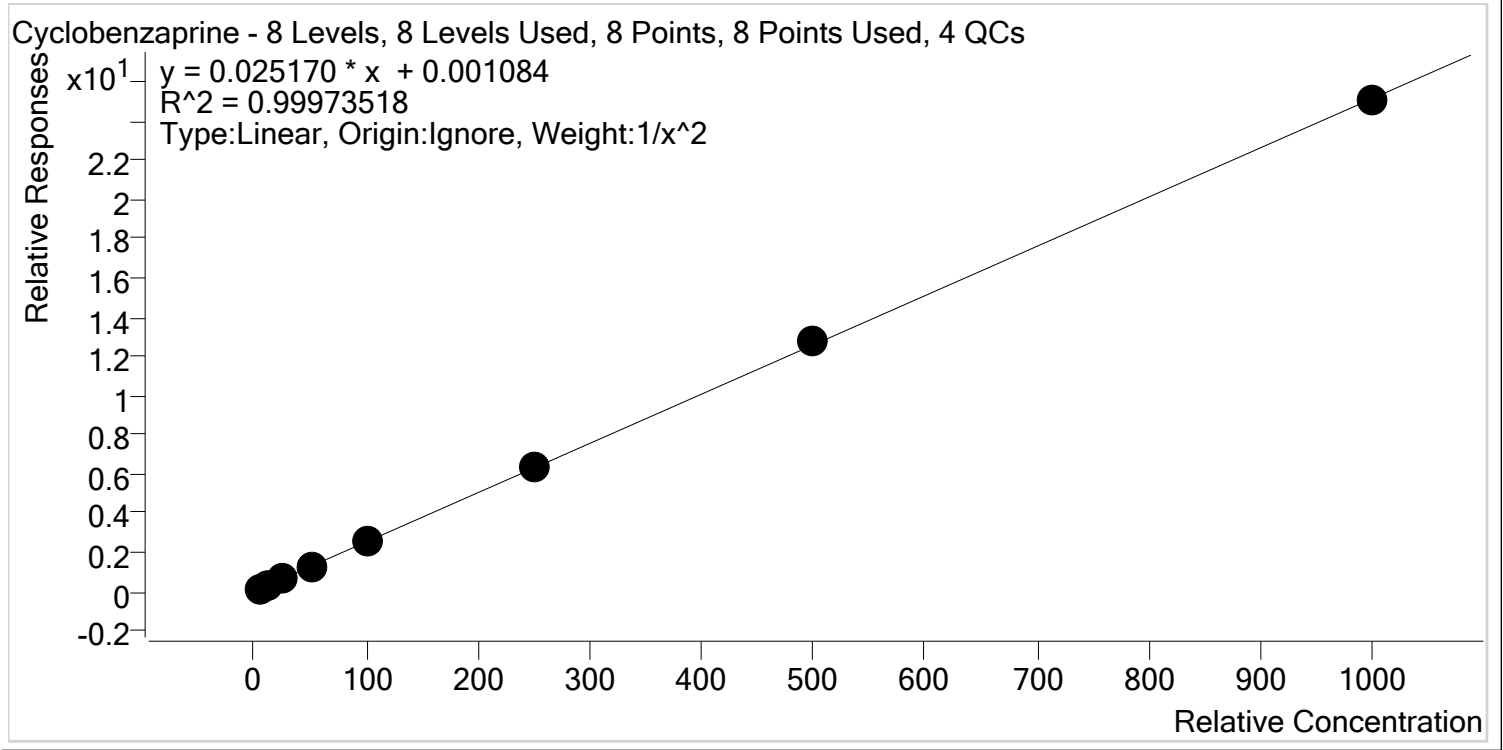


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	55.4	110.7
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	469.2	93.8
p1 Cal 8-1000ng	8	✓	1000.0	867.5	86.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

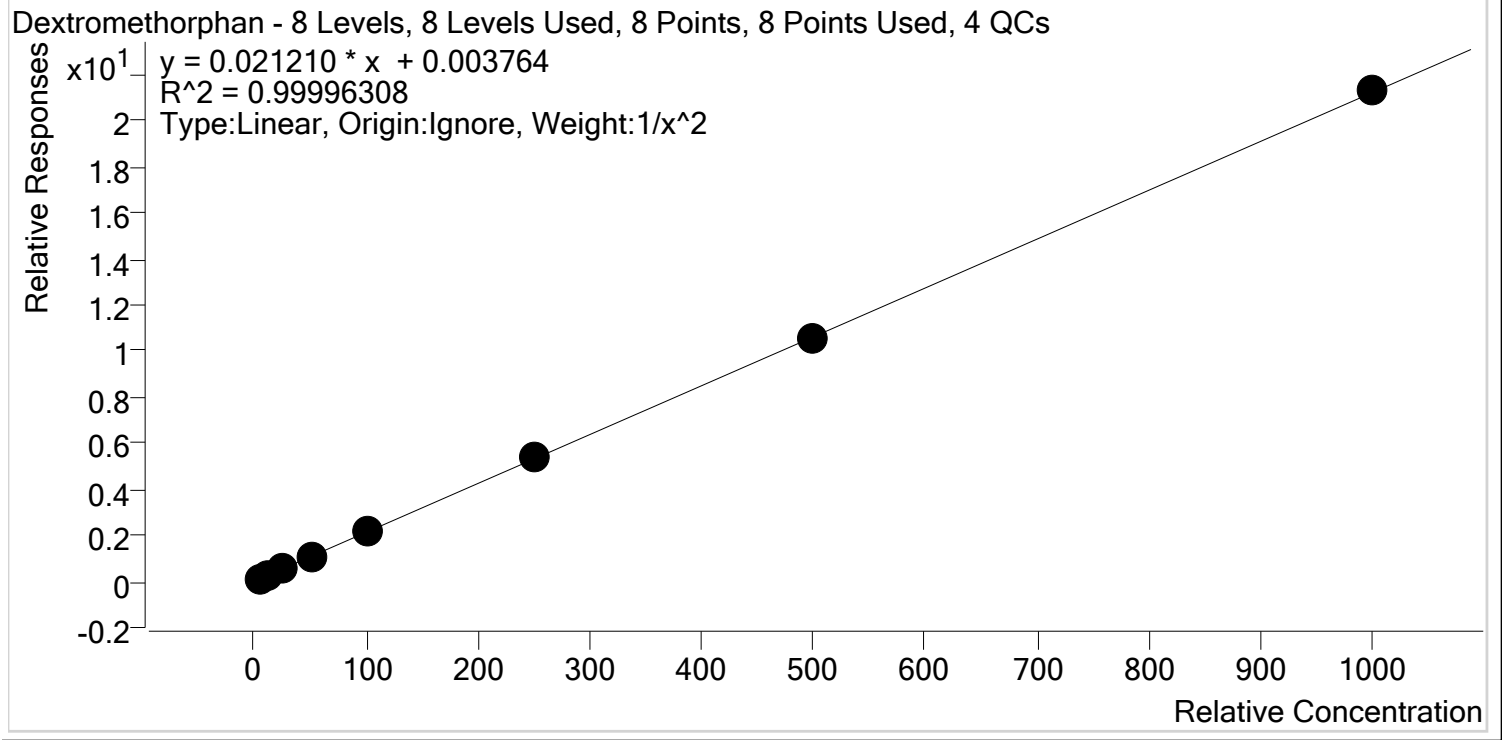


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	506.6	101.3
p1 Cal 8-1000ng	8	✓	1000.0	995.9	99.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

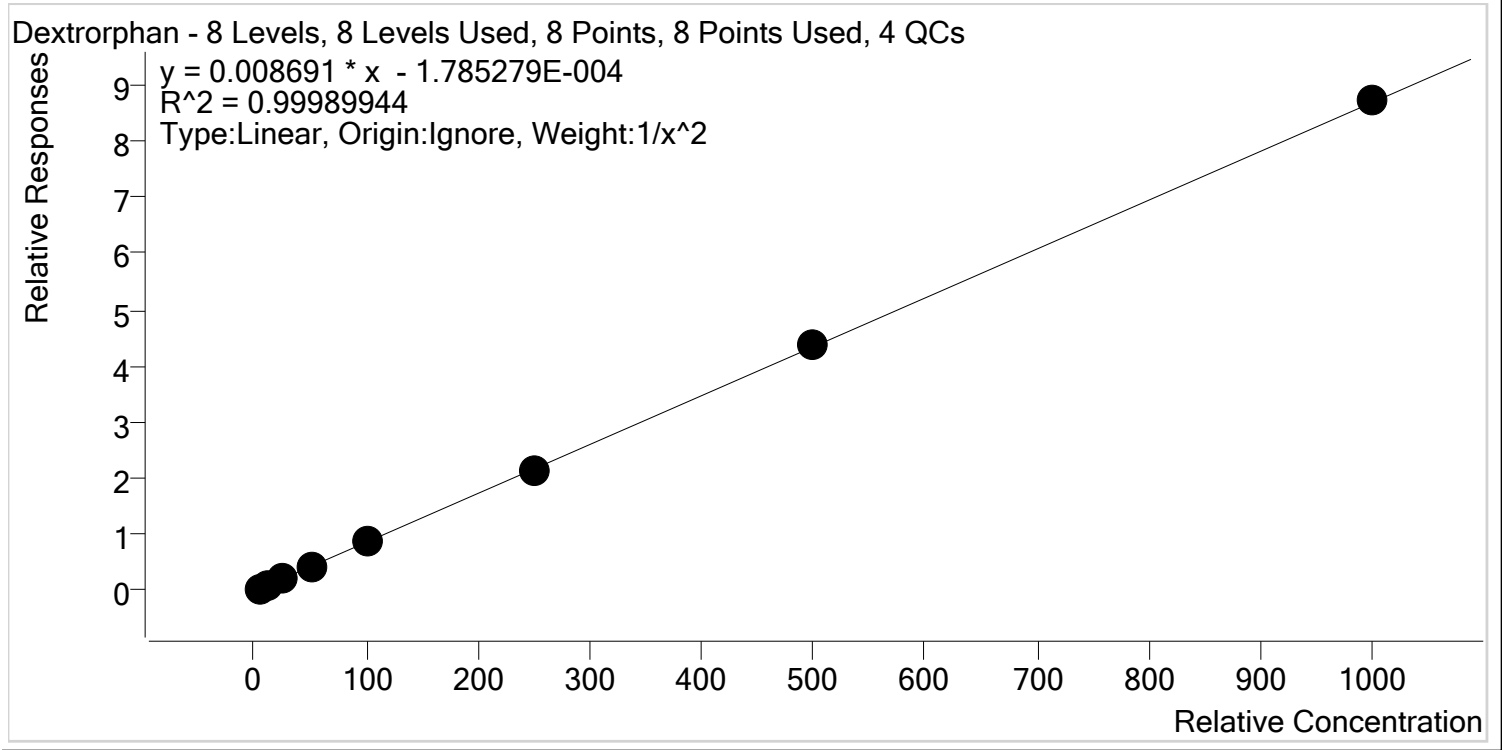


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	500.1	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1004.2	100.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Dextrophan Internal Standard Dextrophan-D3

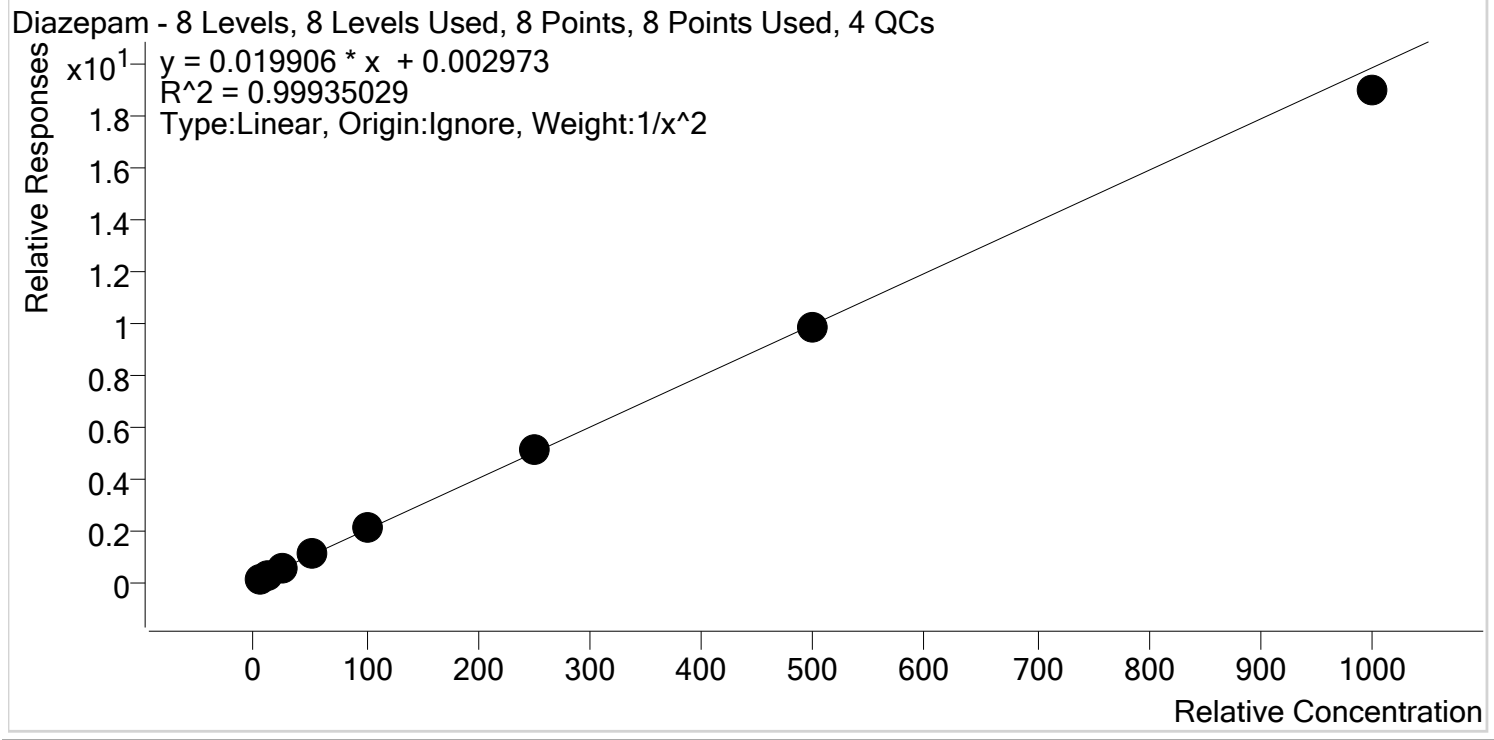


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.9	99.7
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	506.3	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1004.0	100.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

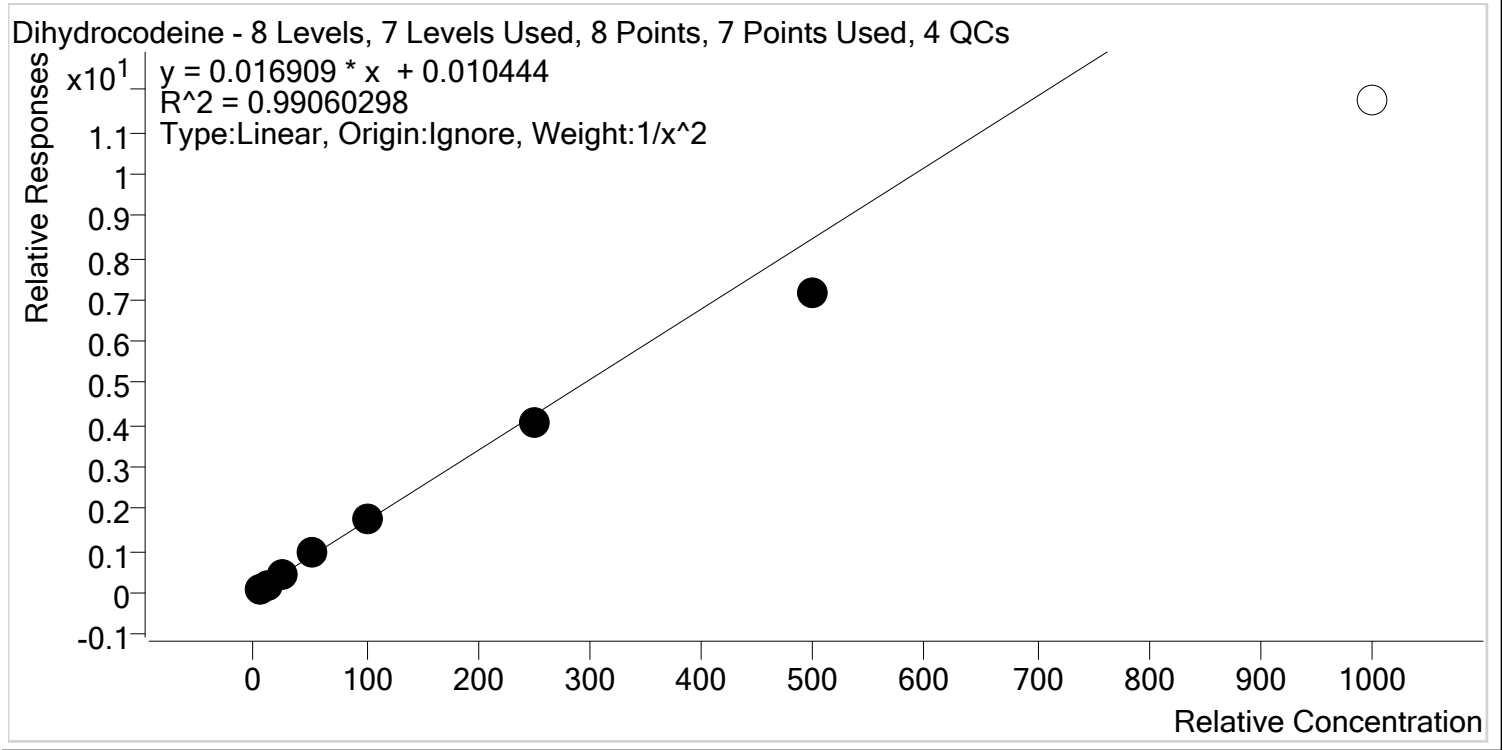


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	497.9	99.6
p1 Cal 8-1000ng	8	✓	1000.0	955.5	95.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

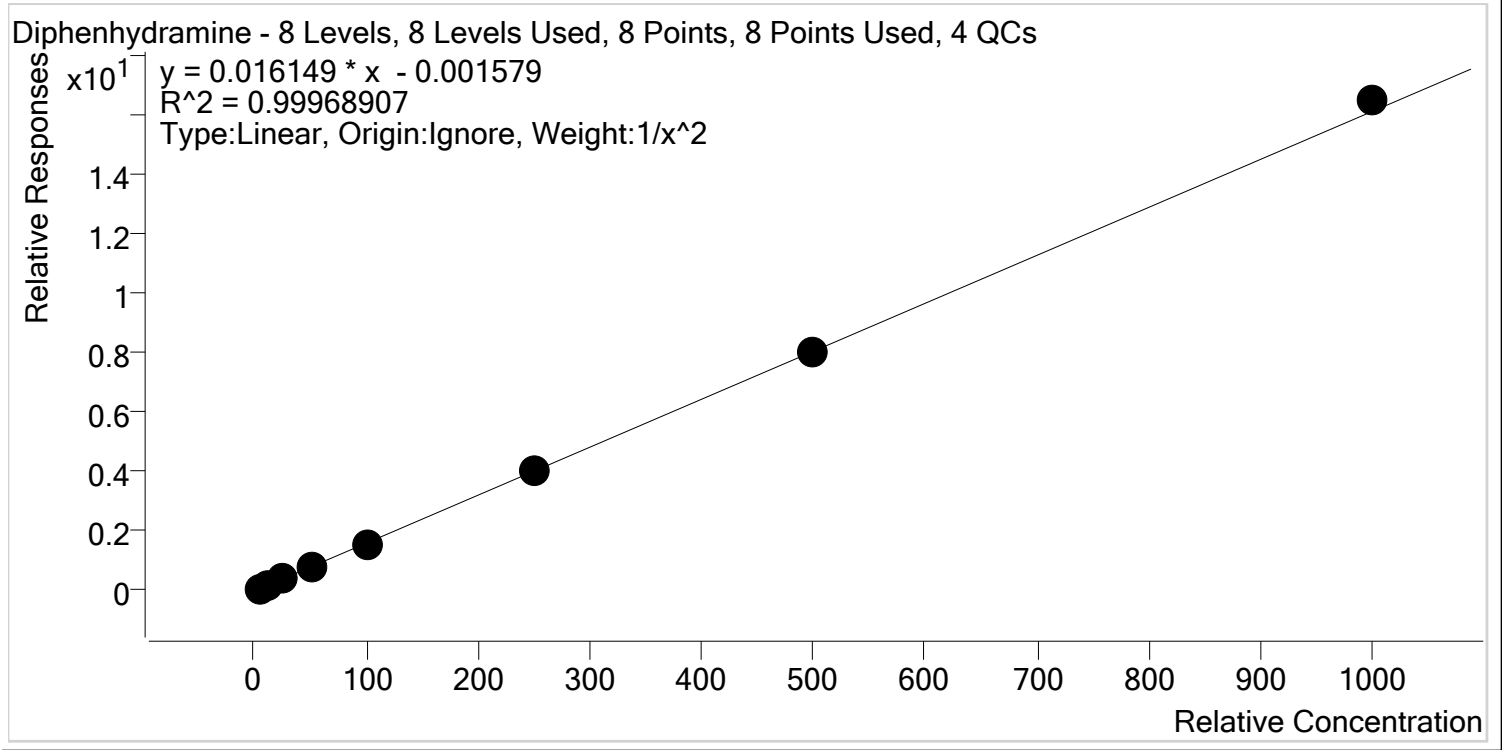


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2- 10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	240.7	96.3
p1 Cal 7-500ng	7	✓	500.0	424.6	84.9
p1 Cal 8-1000ng	8	✗	1000.0	694.2	69.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

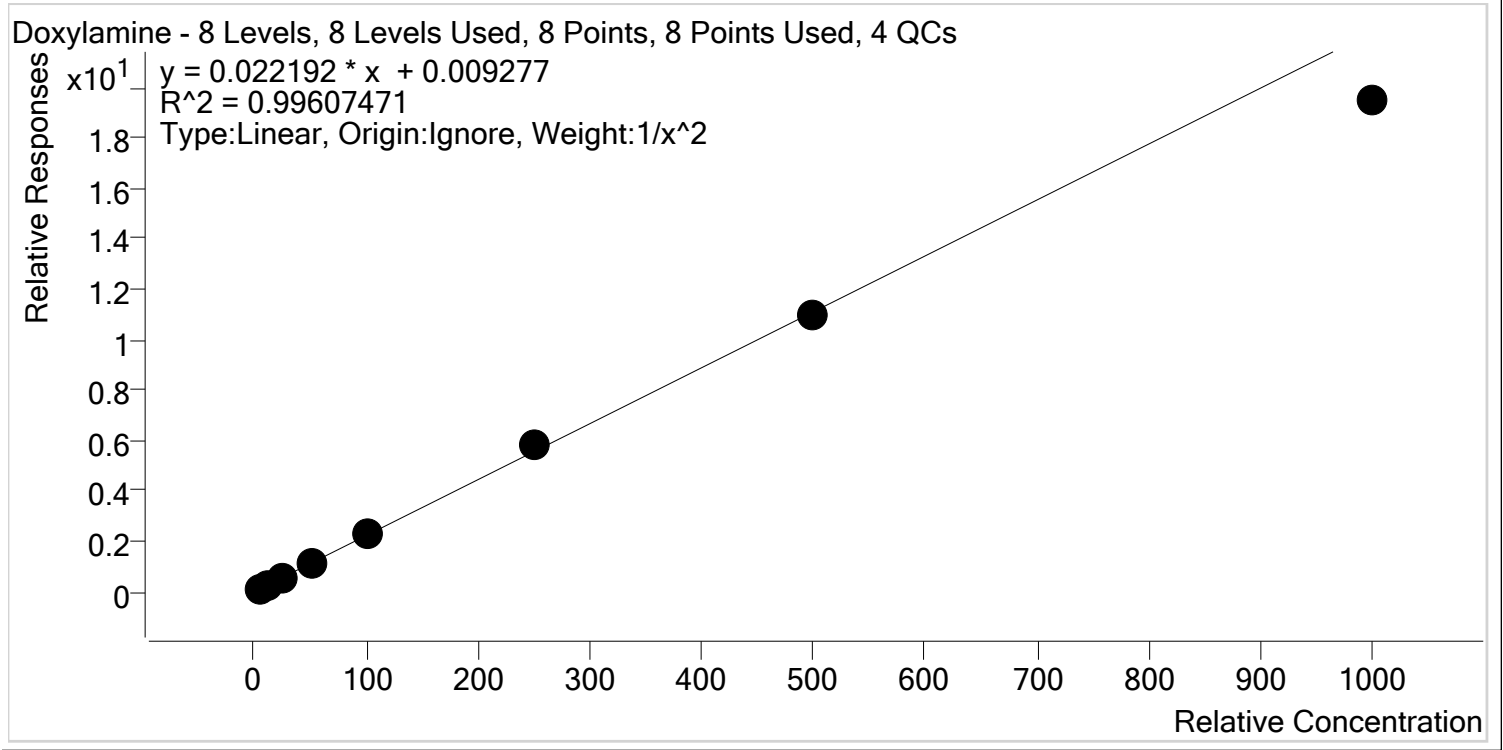


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.4
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	498.5	99.7
p1 Cal 8-1000ng	8	✓	1000.0	1022.7	102.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



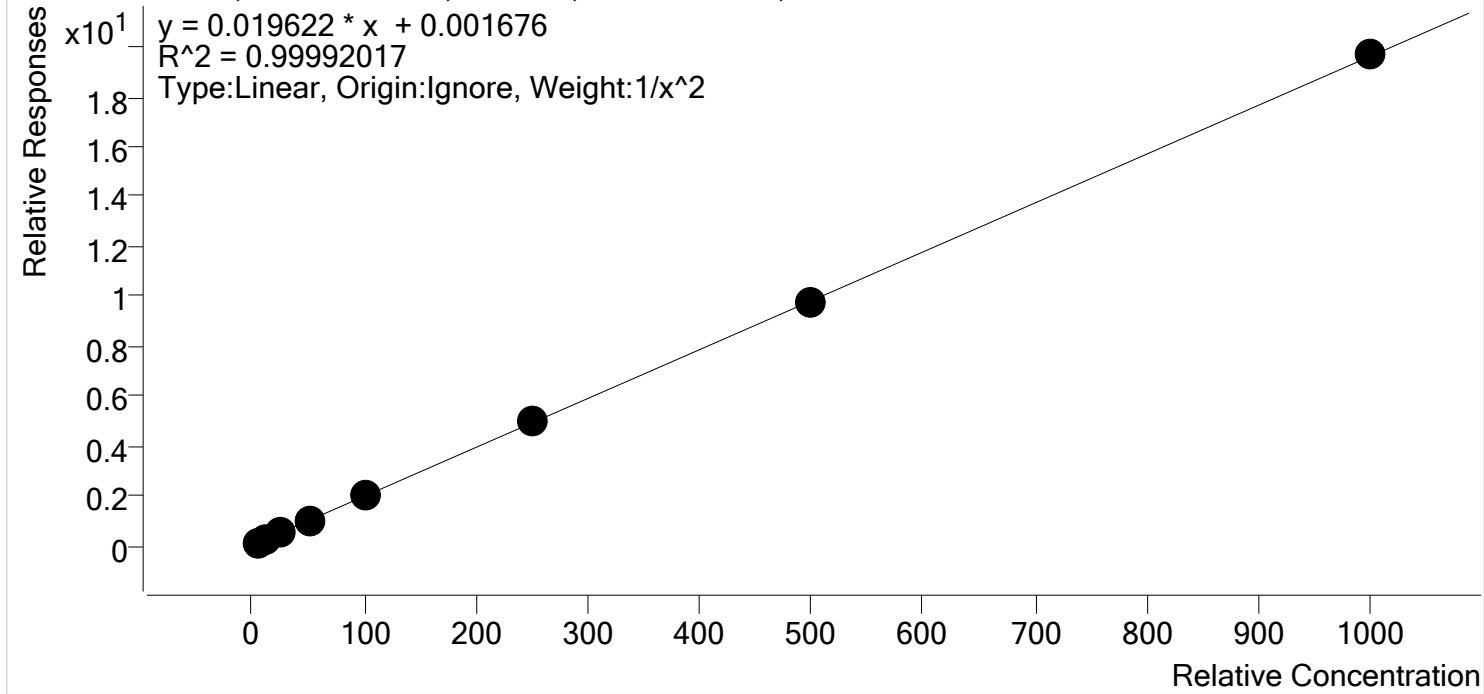
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	259.6	103.9
p1 Cal 7-500ng	7	✓	500.0	494.7	98.9
p1 Cal 8-1000ng	8	✓	1000.0	877.8	87.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

EDDP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

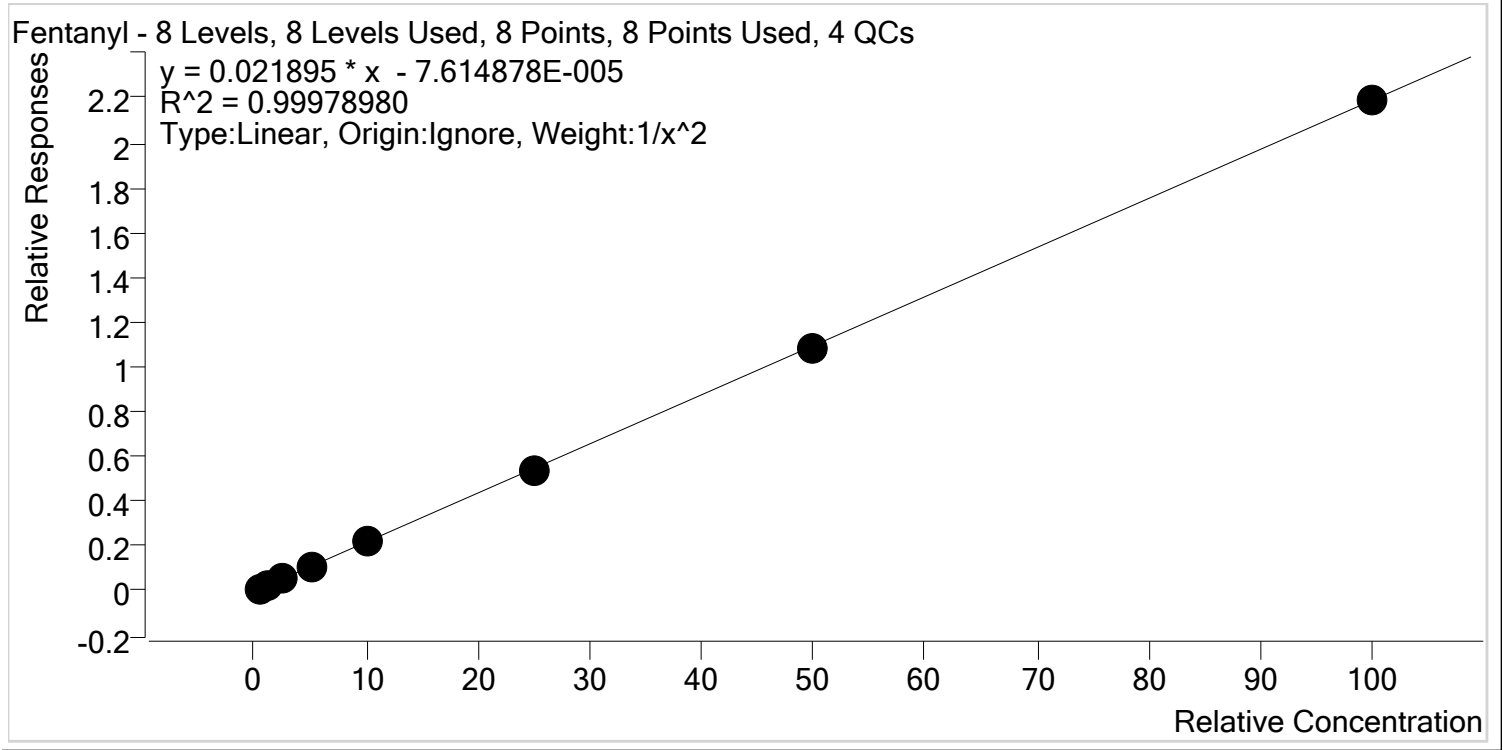


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	497.6	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1003.7	100.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

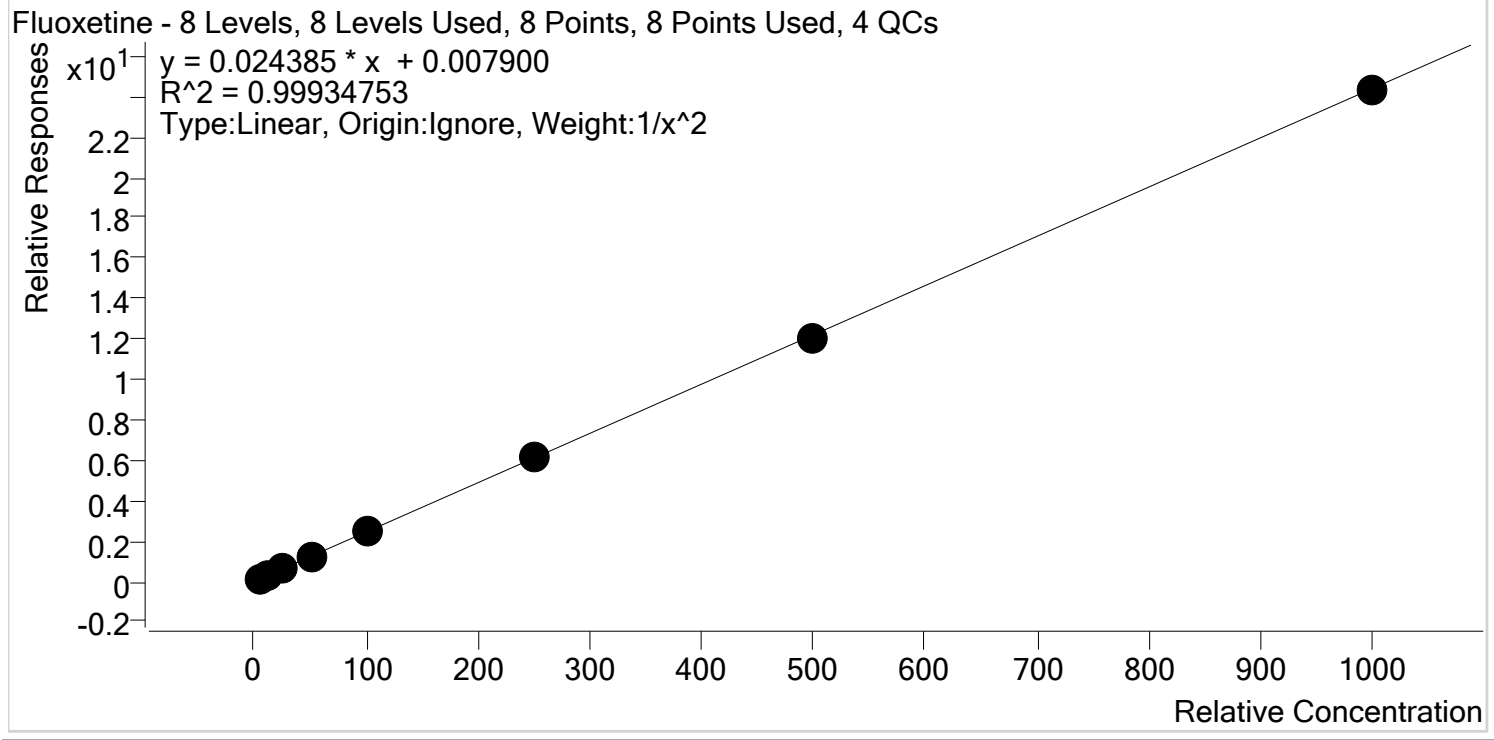


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.1
p1 Cal 2- 10ng	2	✓	1.0	1.0	99.8
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.5
p1 Cal 4-50ng	4	✓	5.0	5.1	102.6
p1 Cal 5-100ng	5	✓	10.0	10.1	100.6
p1 Cal 6-250ng	6	✓	25.0	24.9	99.5
p1 Cal 7-500ng	7	✓	50.0	49.4	98.9
p1 Cal 8-1000ng	8	✓	100.0	99.9	99.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

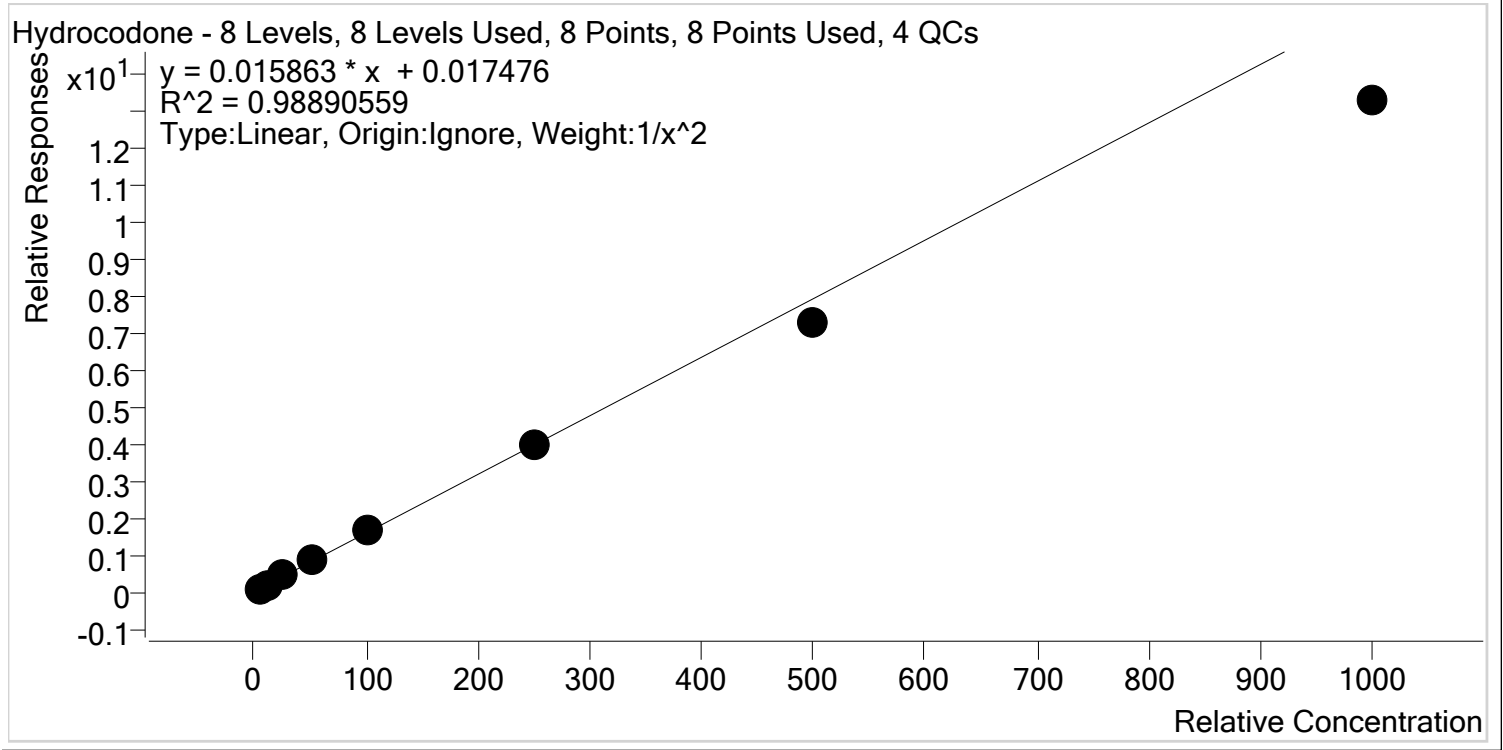


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2- 10ng	2	✓	10.0	9.6	95.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.4
p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	493.4	98.7
p1 Cal 8-1000ng	8	✓	1000.0	995.9	99.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

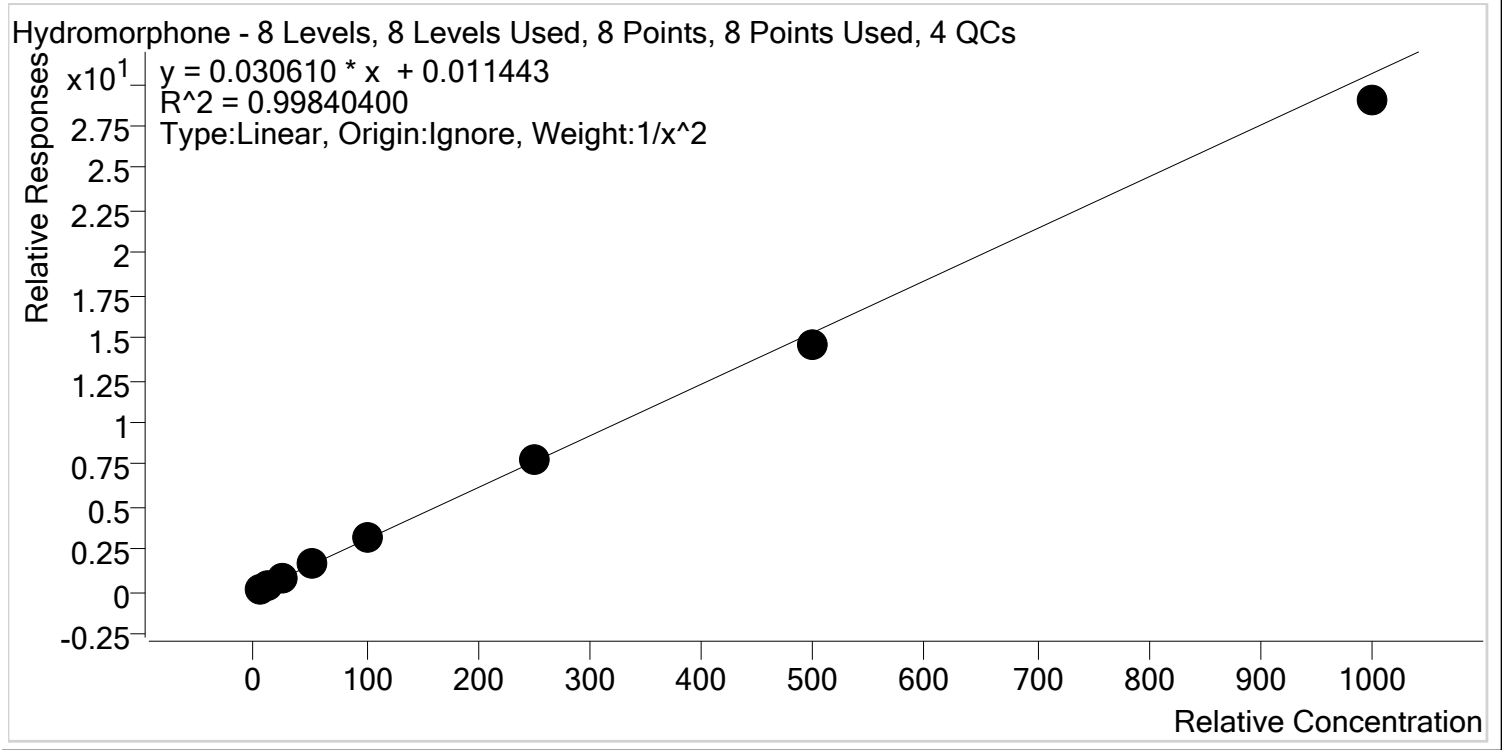


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.4
p1 Cal 2- 10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.9
p1 Cal 4-50ng	4	✓	50.0	54.5	109.1
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	251.9	100.8
p1 Cal 7-500ng	7	✓	500.0	459.3	91.9
p1 Cal 8-1000ng	8	✓	1000.0	838.3	83.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

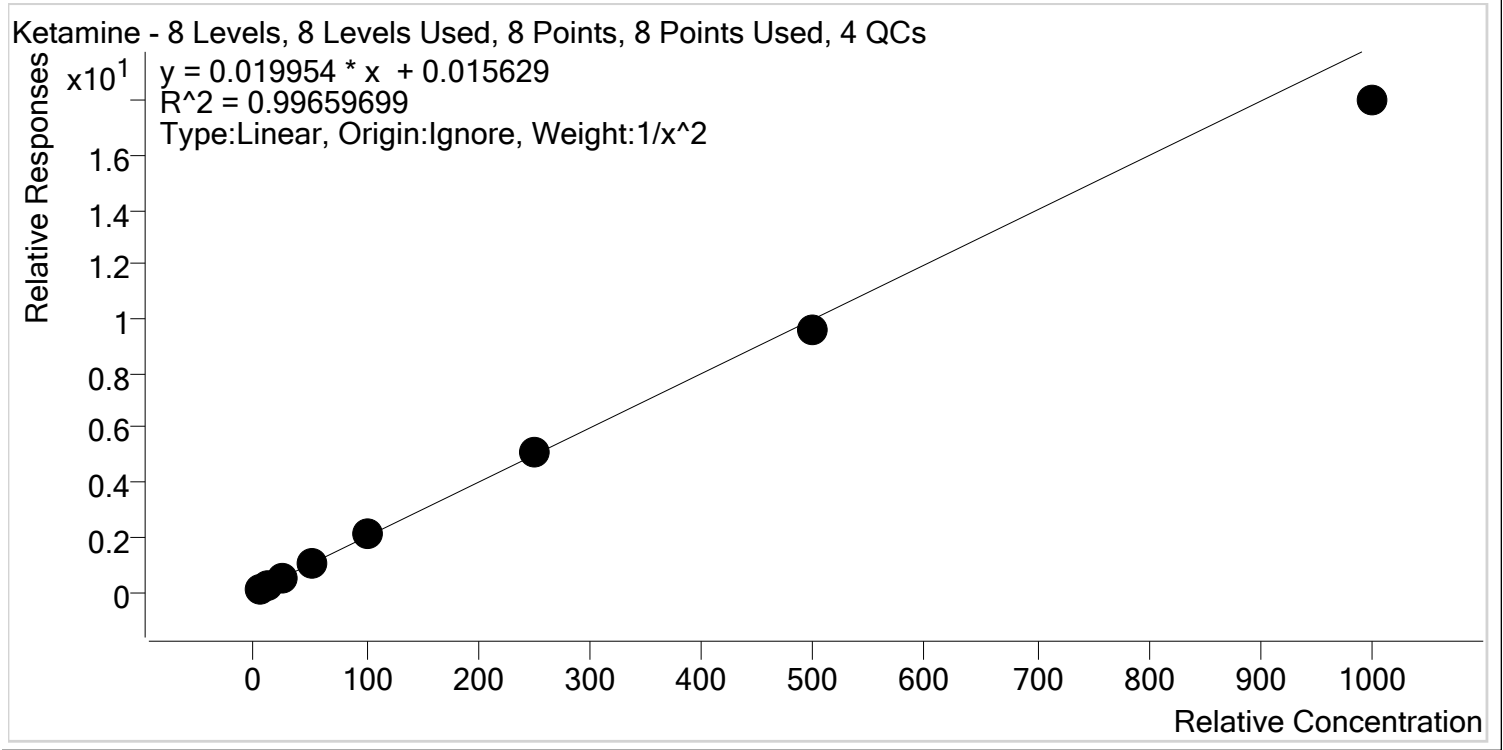


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	476.9	95.4
p1 Cal 8-1000ng	8	✓	1000.0	947.5	94.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

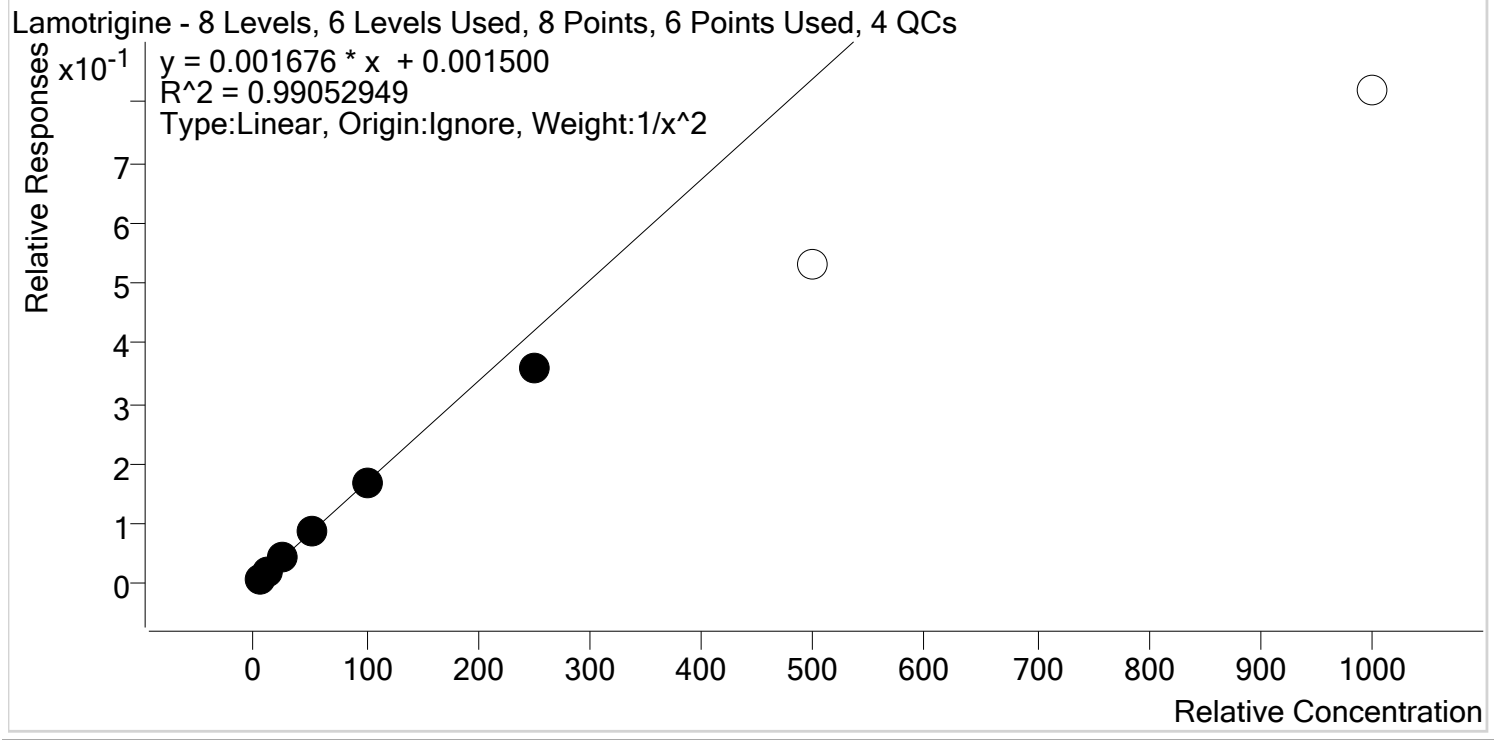


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	255.6	102.3
p1 Cal 7-500ng	7	✓	500.0	479.9	96.0
p1 Cal 8-1000ng	8	✓	1000.0	901.3	90.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4

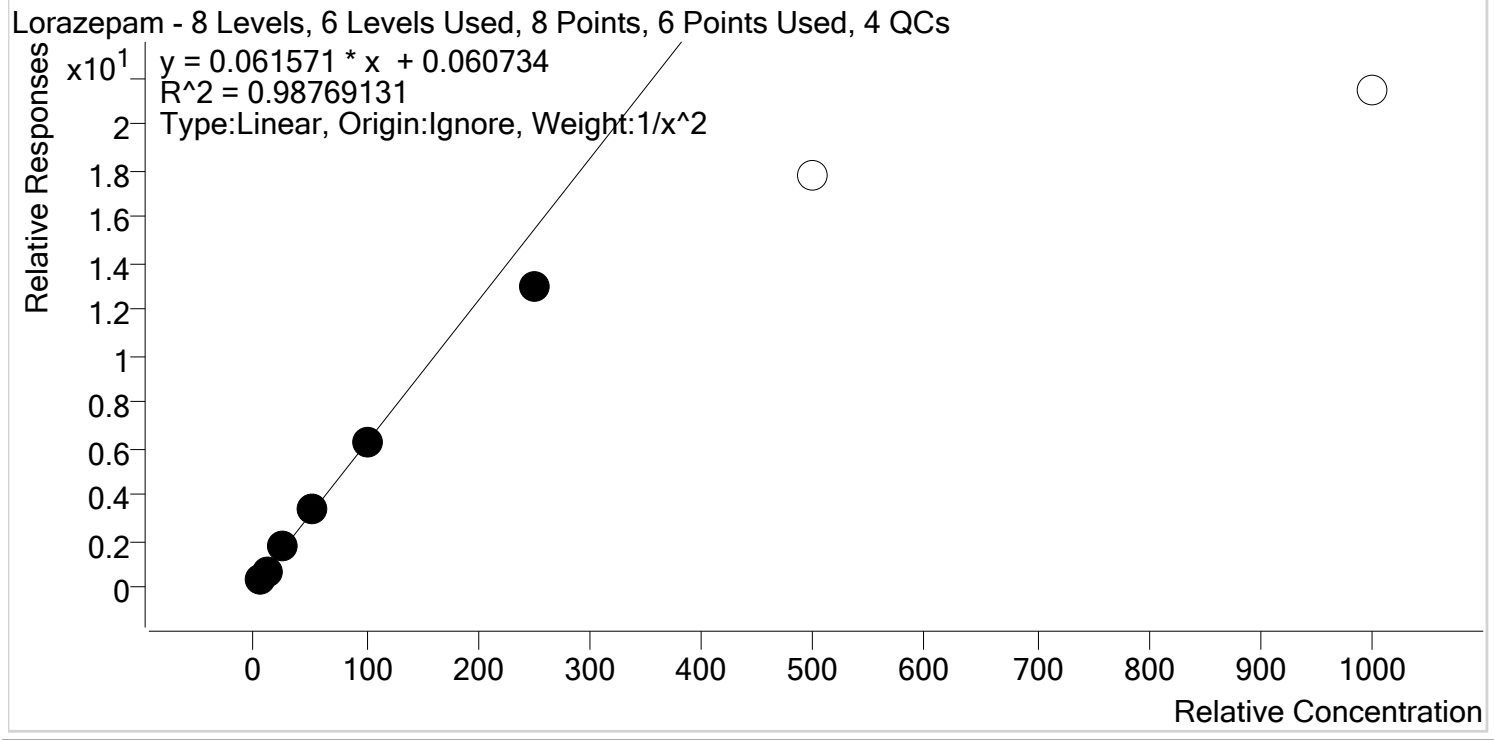


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2- 10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	214.8	85.9
p1 Cal 7-500ng	7	x	500.0	317.6	63.5
p1 Cal 8-1000ng	8	x	1000.0	487.8	48.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

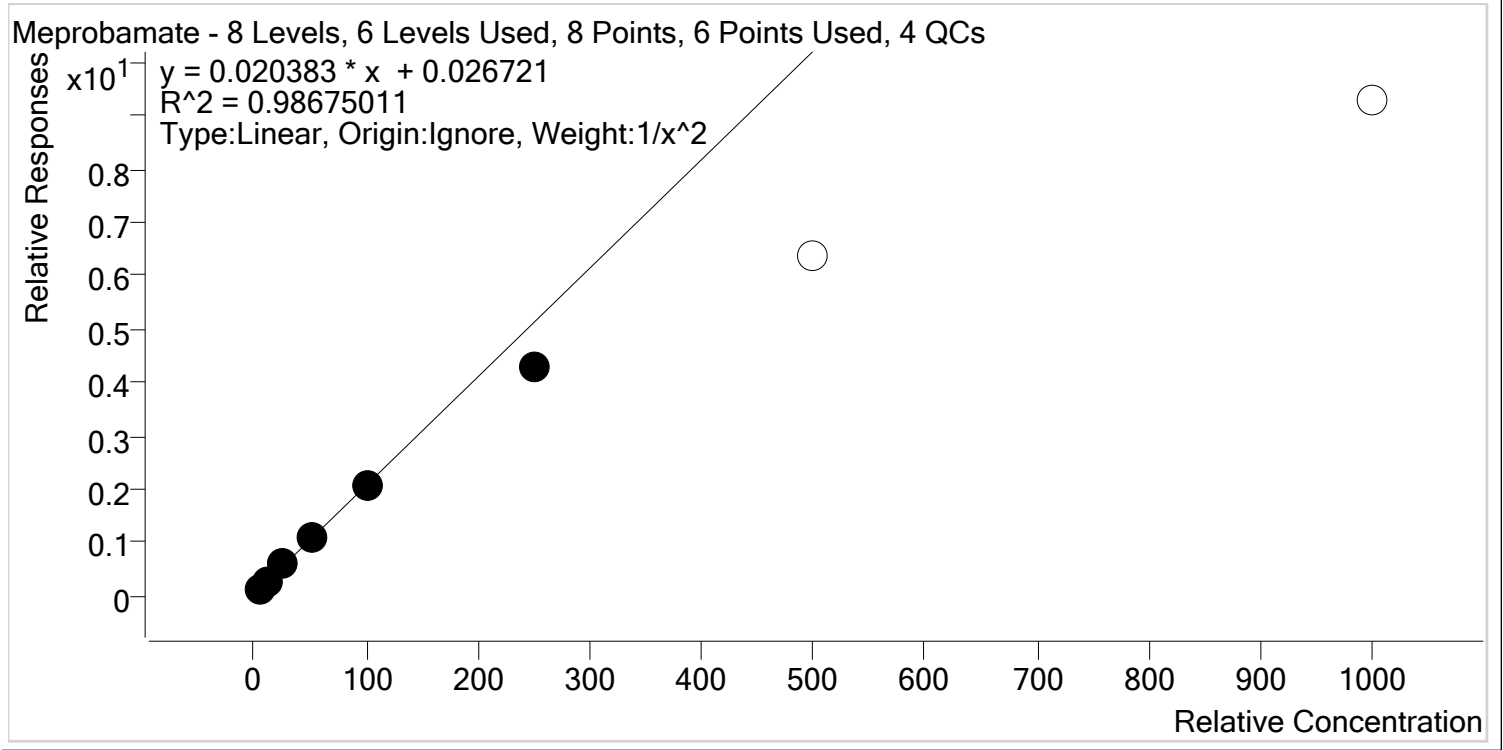


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	54.4	108.7
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	209.8	83.9
p1 Cal 7-500ng	7	✗	500.0	288.1	57.6
p1 Cal 8-1000ng	8	✗	1000.0	347.9	34.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

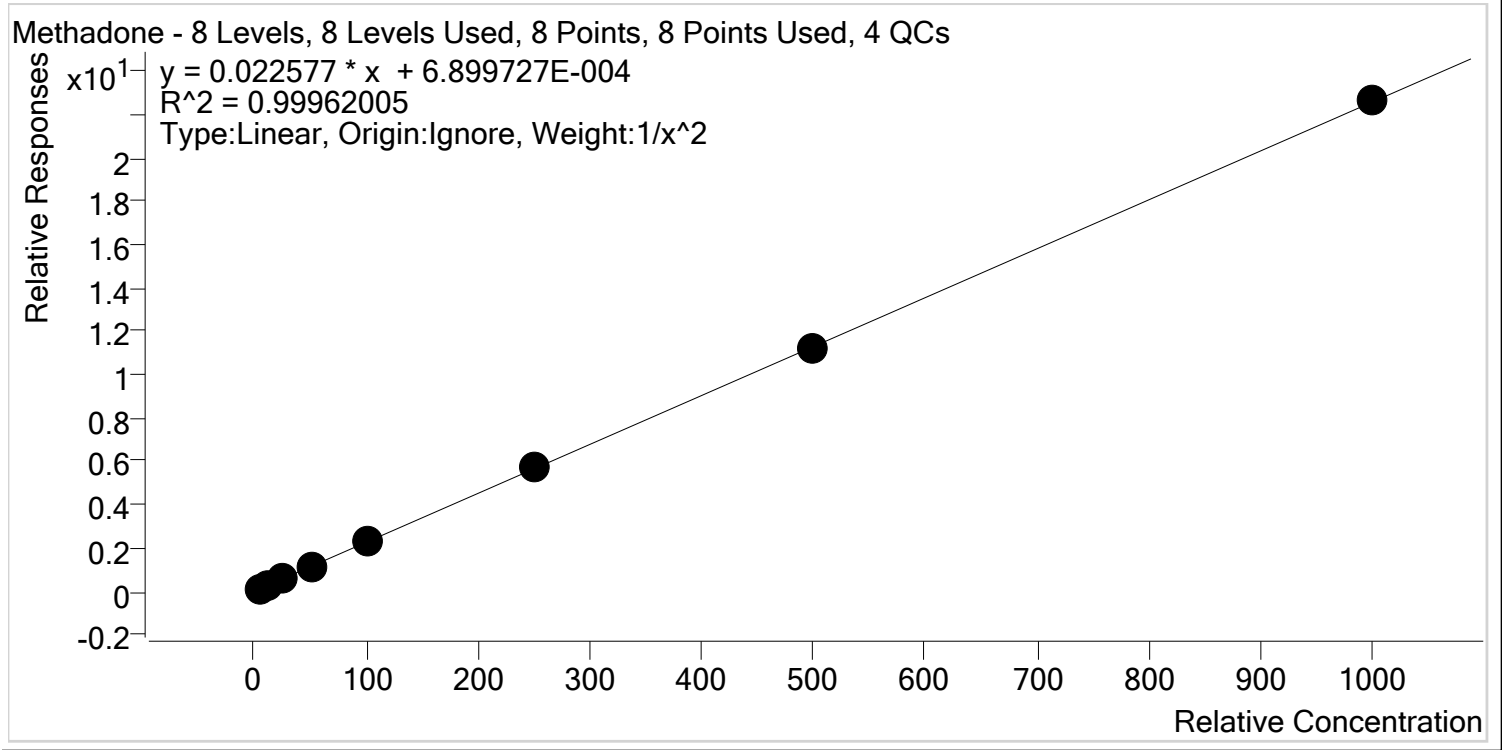


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.2
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	209.2	83.7
p1 Cal 7-500ng	7	x	500.0	312.5	62.5
p1 Cal 8-1000ng	8	x	1000.0	454.4	45.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

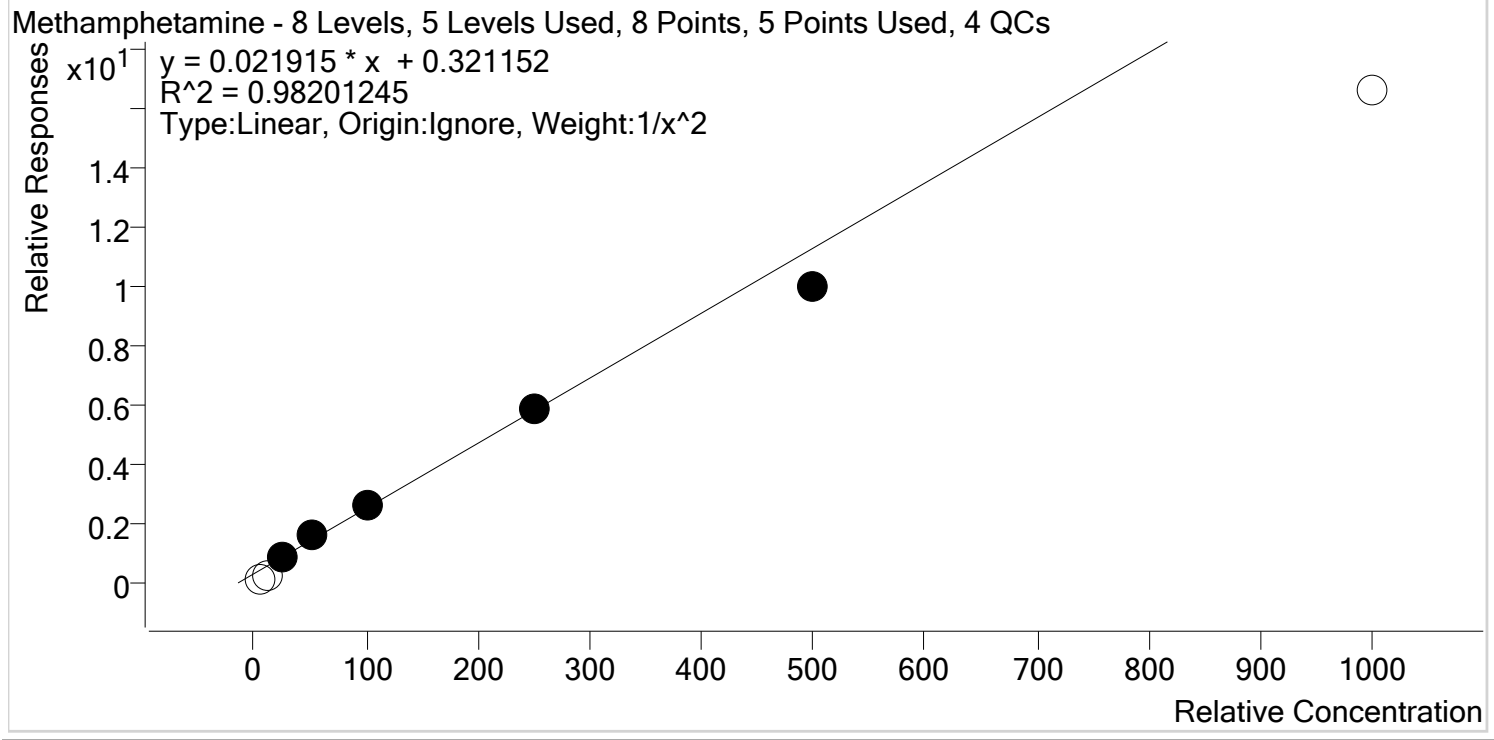


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	255.8	102.3
p1 Cal 7-500ng	7	✓	500.0	497.6	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1003.1	100.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

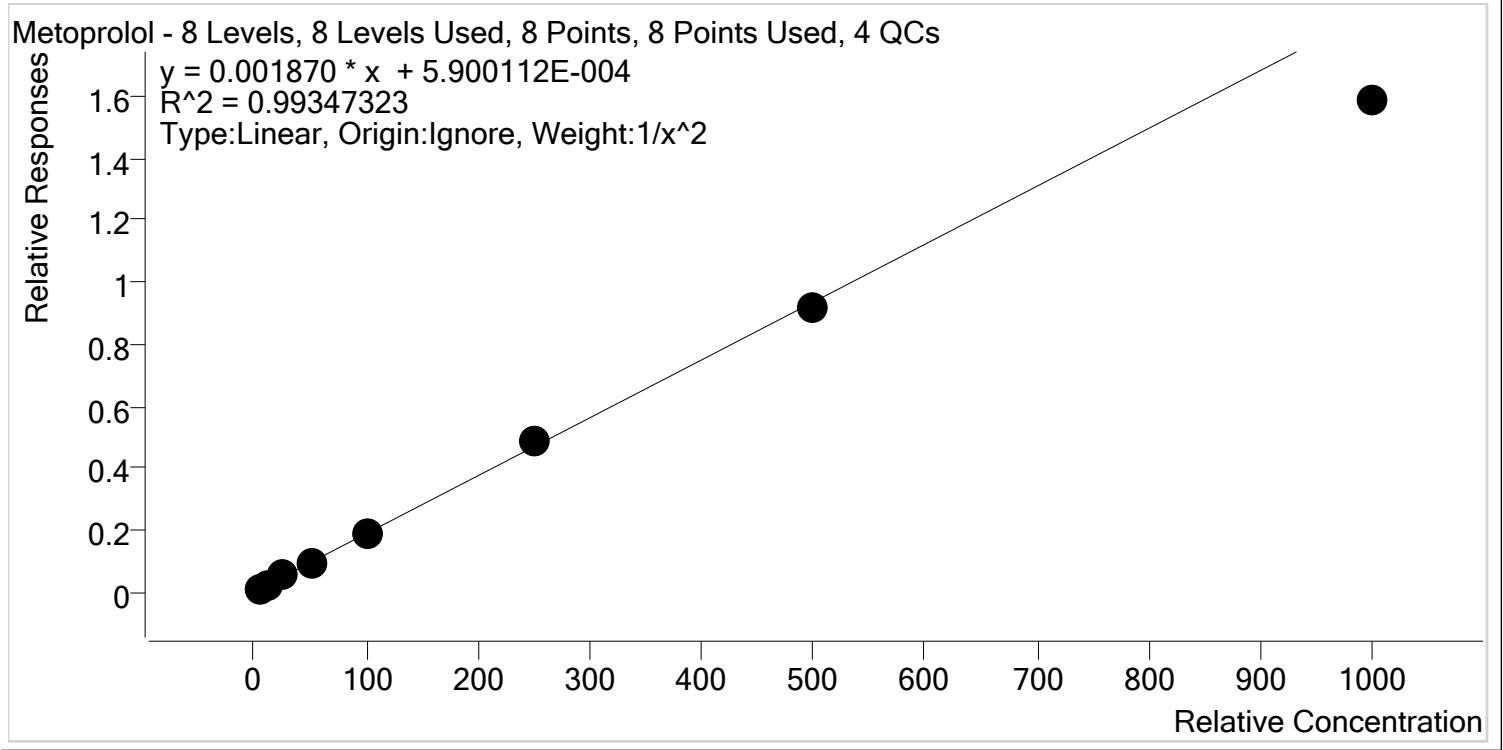


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	0.0	0.0
p1 Cal 2- 10ng	2	x	10.0	0.0	0.0
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.3
p1 Cal 4-50ng	4	✓	50.0	56.8	113.7
p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng	6	✓	250.0	250.6	100.3
p1 Cal 7-500ng	7	✓	500.0	440.8	88.2
p1 Cal 8-1000ng	8	x	1000.0	741.9	74.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

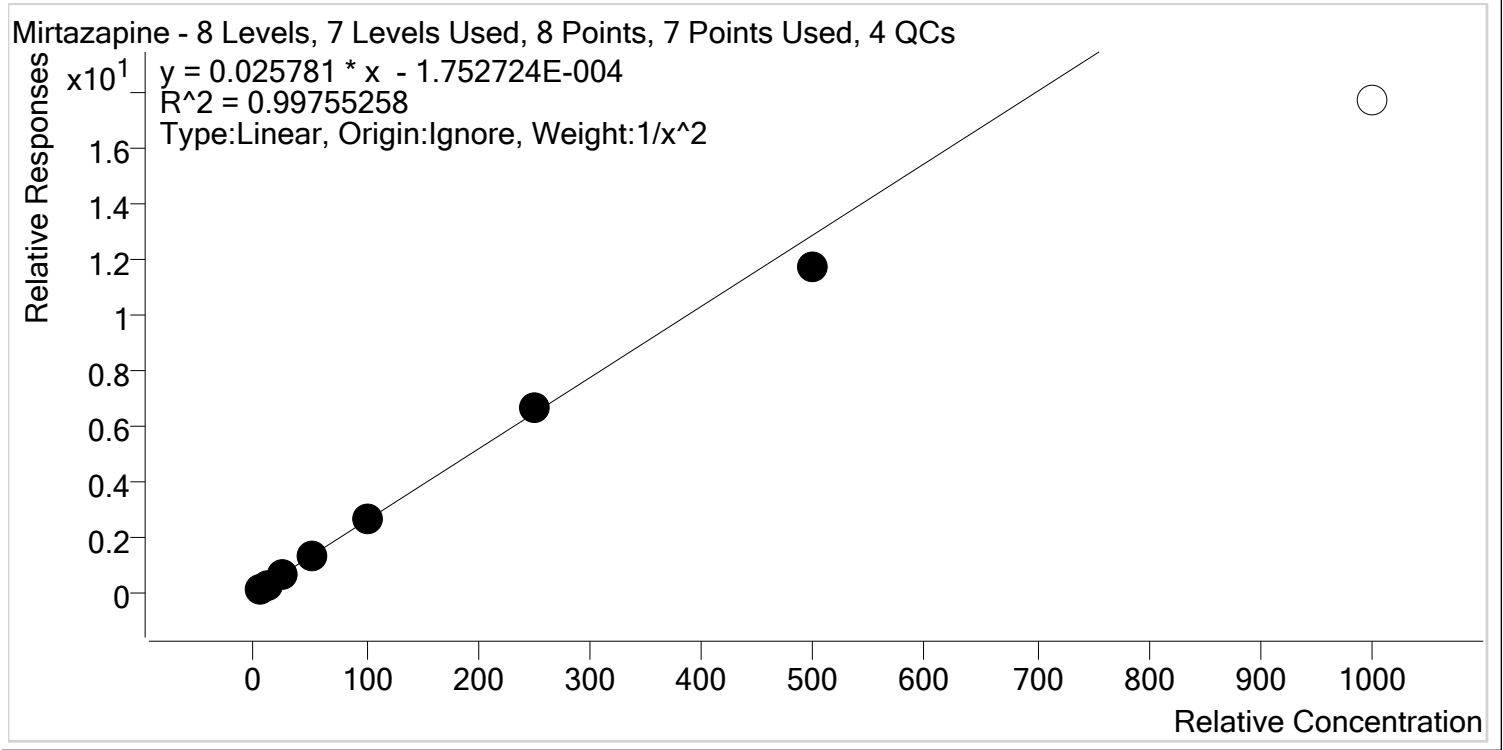


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2- 10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	262.1	104.8
p1 Cal 7-500ng	7	✓	500.0	490.5	98.1
p1 Cal 8-1000ng	8	✓	1000.0	848.1	84.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

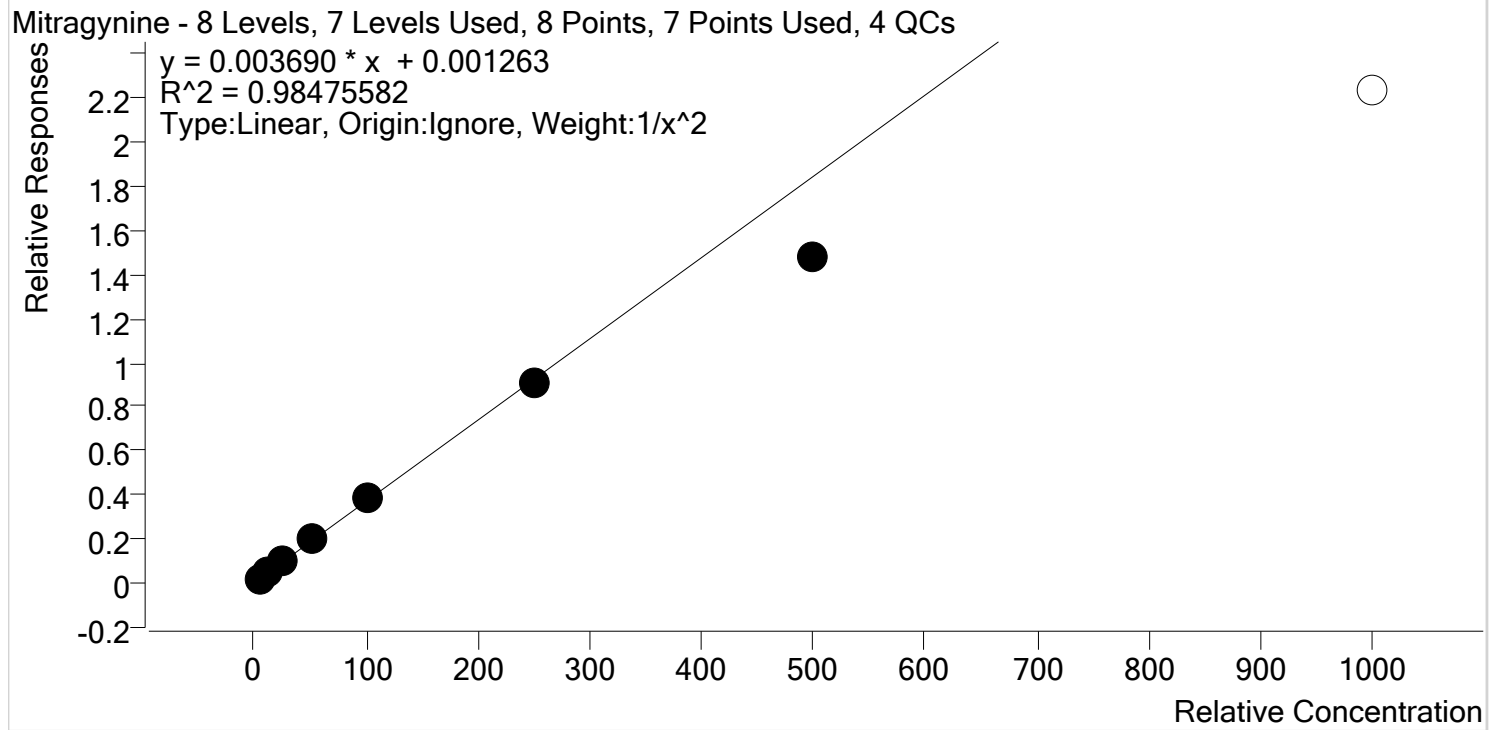


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	258.9	103.6
p1 Cal 7-500ng	7	✓	500.0	456.5	91.3
p1 Cal 8-1000ng	8	✗	1000.0	687.6	68.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

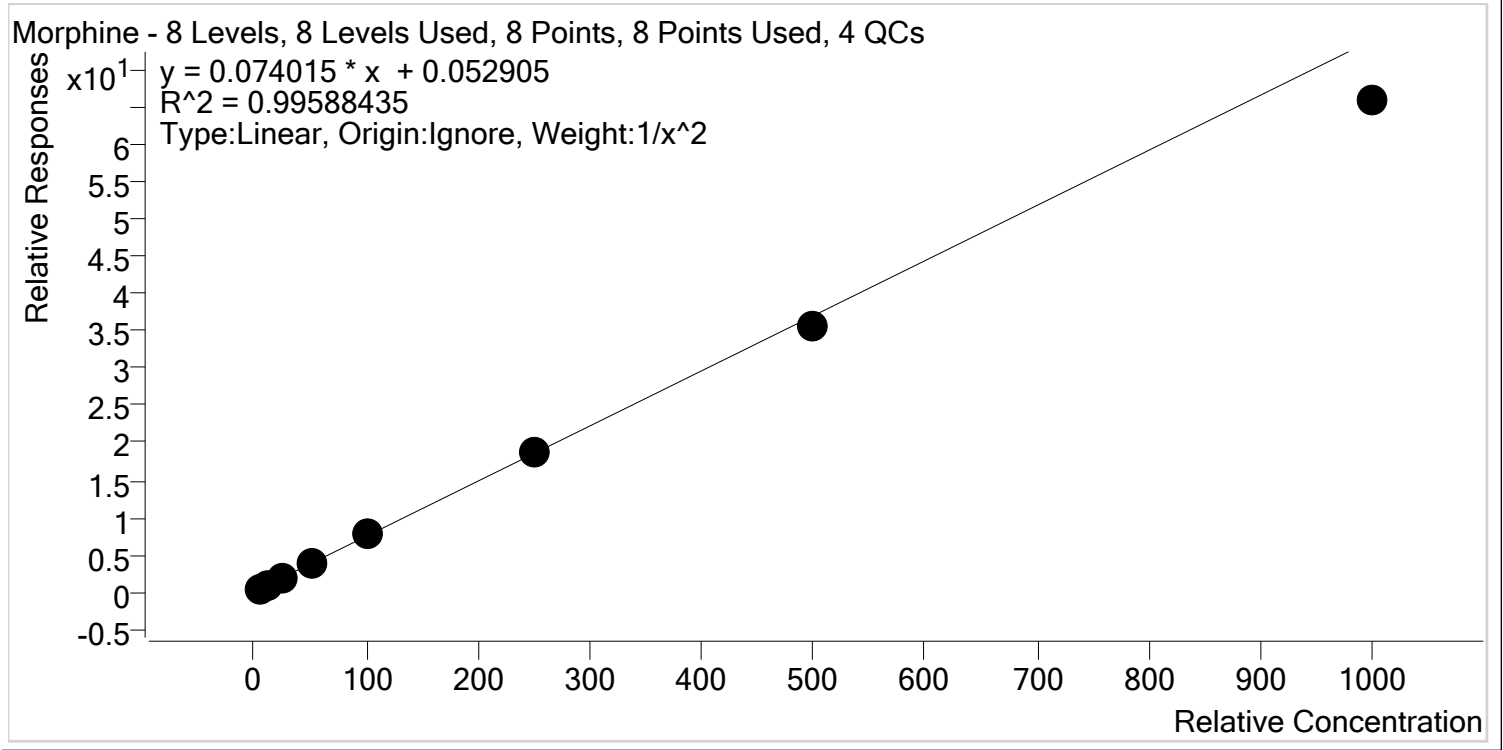


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.4
p1 Cal 2- 10ng	2	✓	10.0	10.9	108.7
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	400.2	80.0
p1 Cal 8-1000ng	8	✗	1000.0	605.6	60.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6

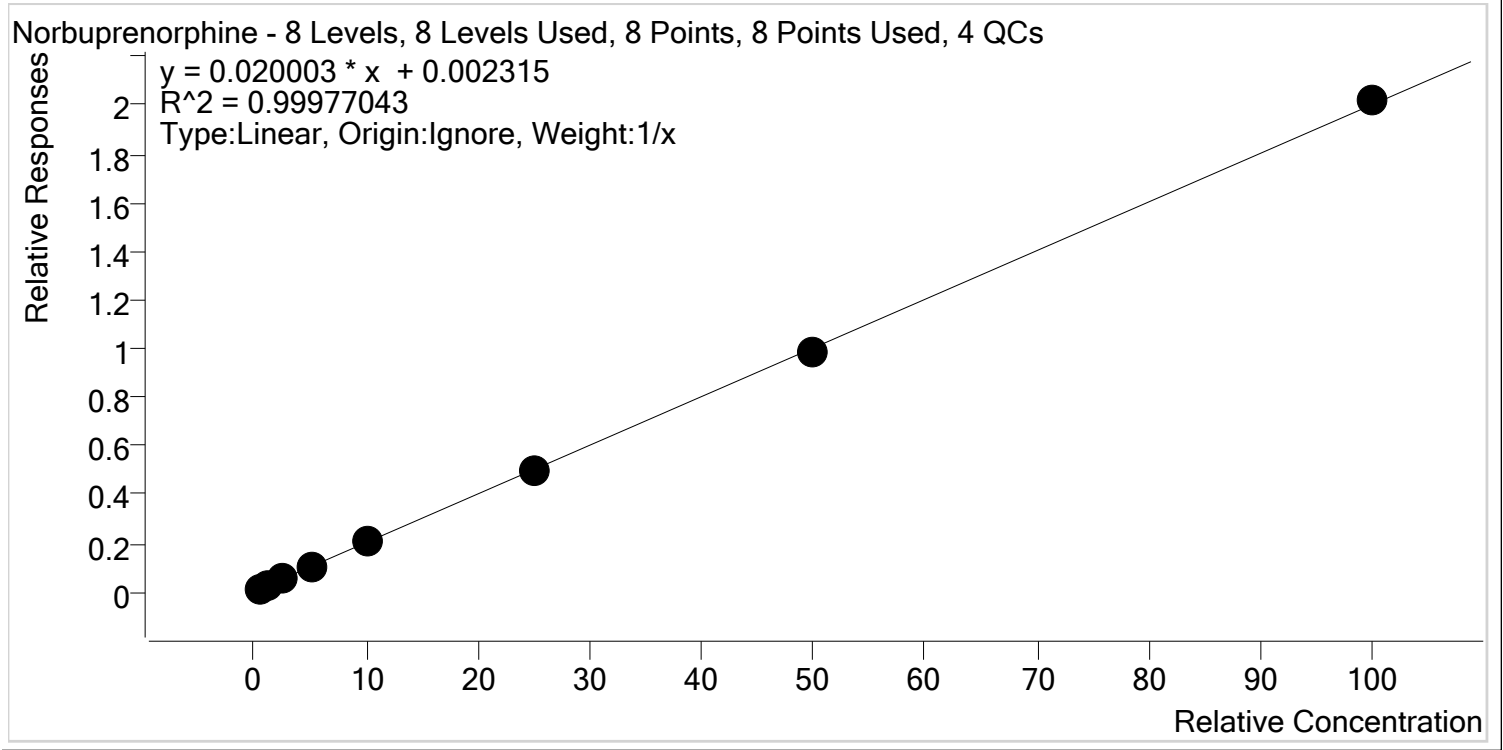


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	482.5	96.5
p1 Cal 8-1000ng	8	✓	1000.0	890.3	89.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

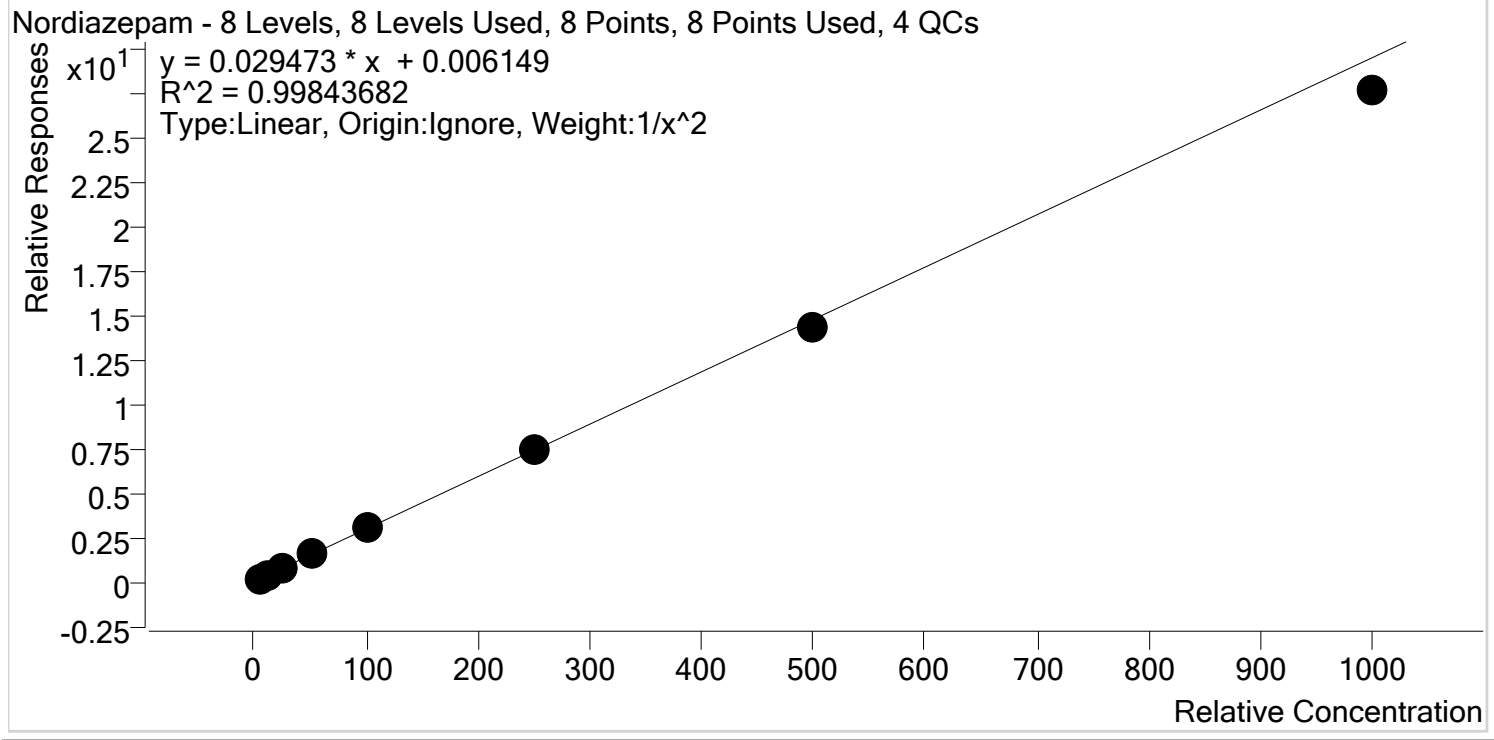


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.8
p1 Cal 2- 10ng	2	✓	1.0	0.9	93.0
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.6
p1 Cal 4-50ng	4	✓	5.0	5.0	100.3
p1 Cal 5-100ng	5	✓	10.0	10.2	102.3
p1 Cal 6-250ng	6	✓	25.0	24.7	98.7
p1 Cal 7-500ng	7	✓	50.0	49.2	98.4
p1 Cal 8-1000ng	8	✓	100.0	100.8	100.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

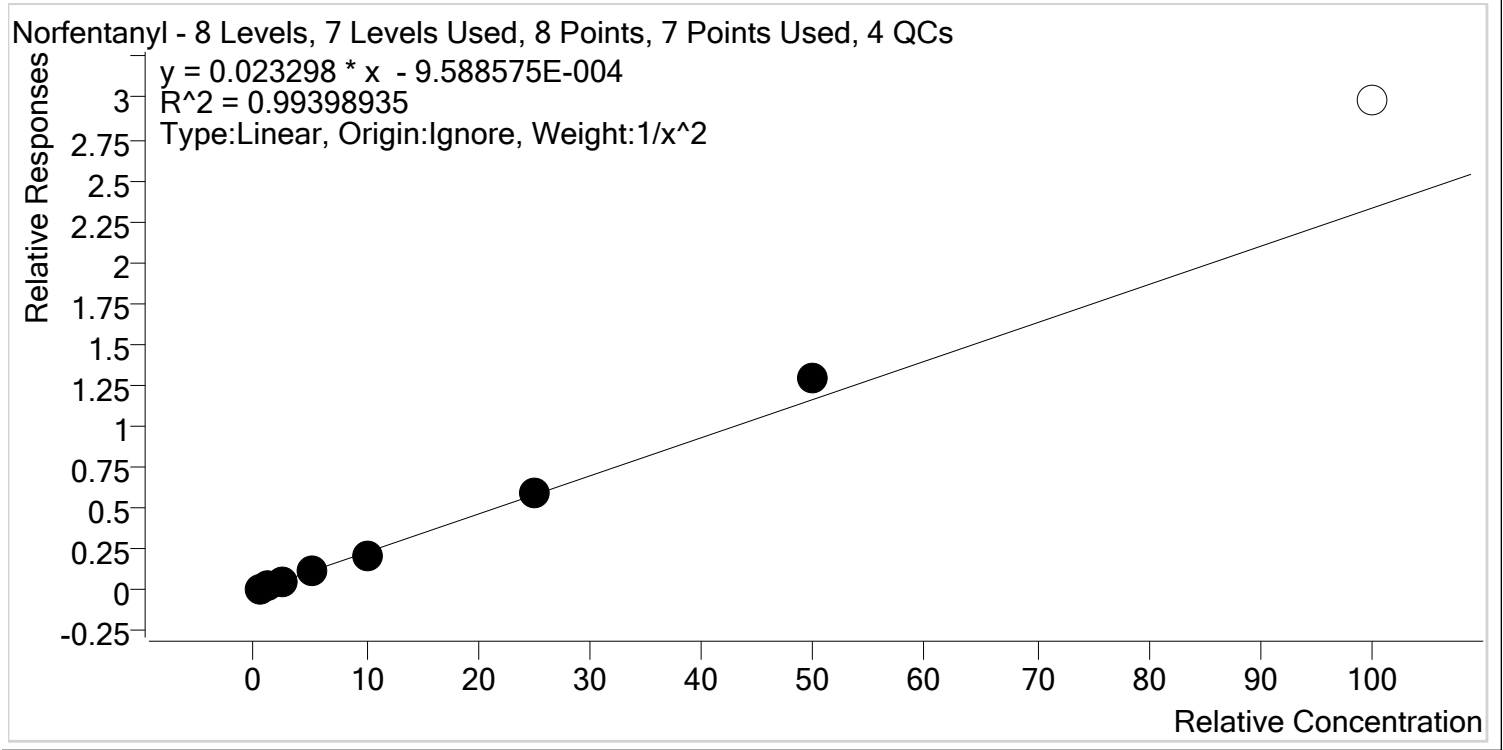


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	250.9	100.3
p1 Cal 7-500ng	7	✓	500.0	487.6	97.5
p1 Cal 8-1000ng	8	✓	1000.0	937.2	93.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

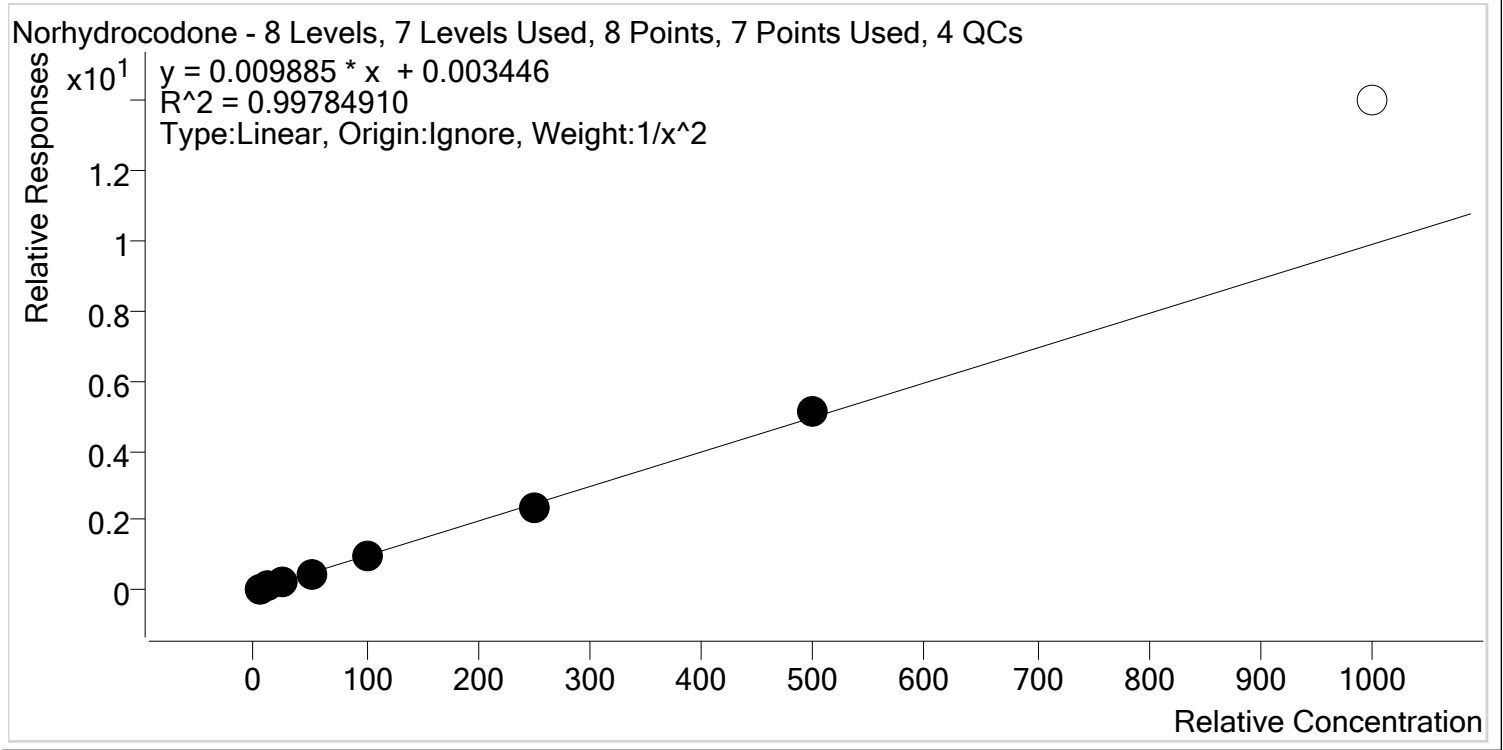


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.6
p1 Cal 2- 10ng	2	✓	1.0	0.9	93.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.0
p1 Cal 4-50ng	4	✓	5.0	4.9	97.9
p1 Cal 5-100ng	5	✓	10.0	9.5	94.9
p1 Cal 6-250ng	6	✓	25.0	25.4	101.8
p1 Cal 7-500ng	7	✓	50.0	55.9	111.8
p1 Cal 8-1000ng	8	✗	100.0	128.1	128.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

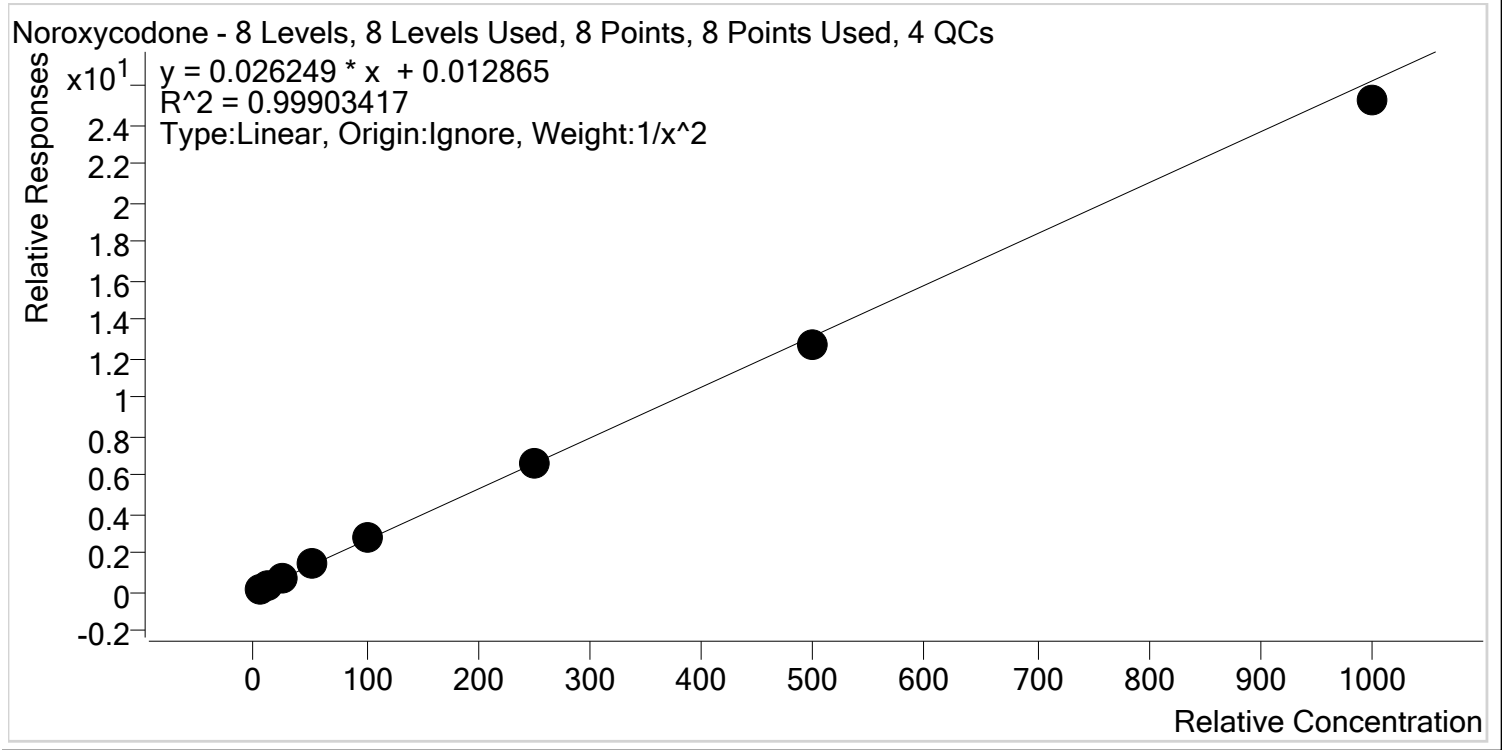


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2- 10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	95.3	95.3
p1 Cal 6-250ng	6	✓	250.0	237.9	95.1
p1 Cal 7-500ng	7	✓	500.0	516.6	103.3
p1 Cal 8-1000ng	8	x	1000.0	1415.4	141.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

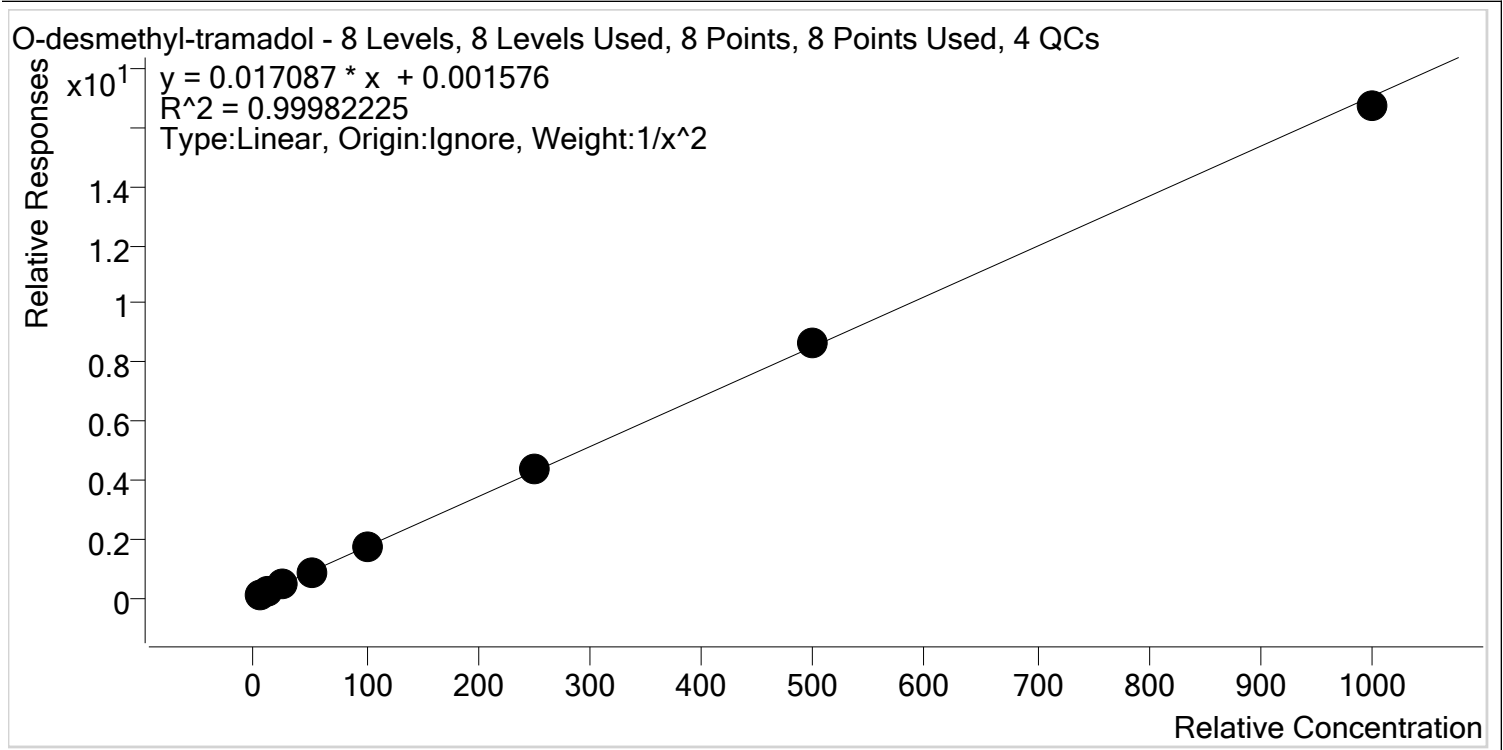


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	52.0	103.9
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	484.8	97.0
p1 Cal 8-1000ng	8	✓	1000.0	961.3	96.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

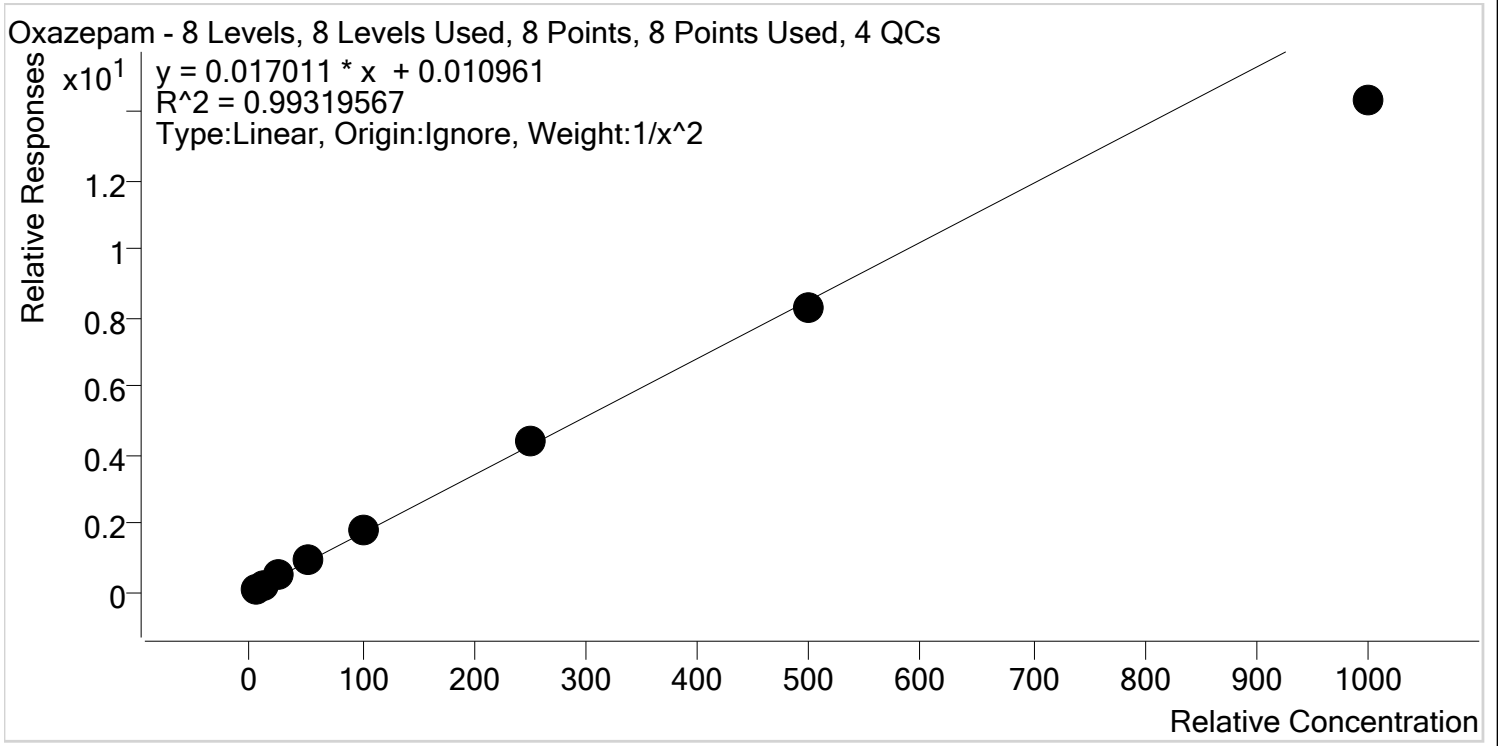


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	506.9	101.4
p1 Cal 8-1000ng	8	✓	1000.0	980.0	98.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



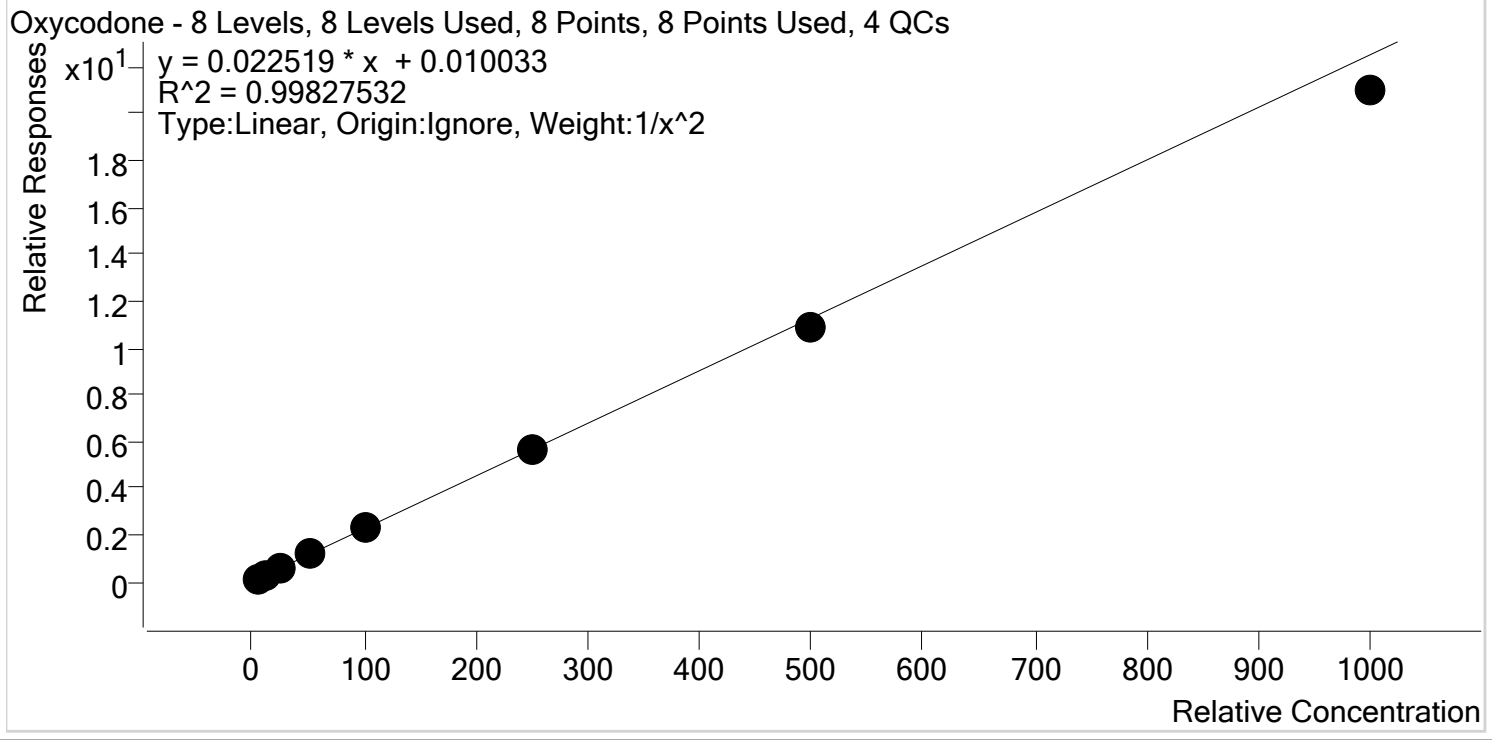
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	259.2	103.7
p1 Cal 7-500ng	7	✓	500.0	486.4	97.3
p1 Cal 8-1000ng	8	✓	1000.0	842.6	84.3

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

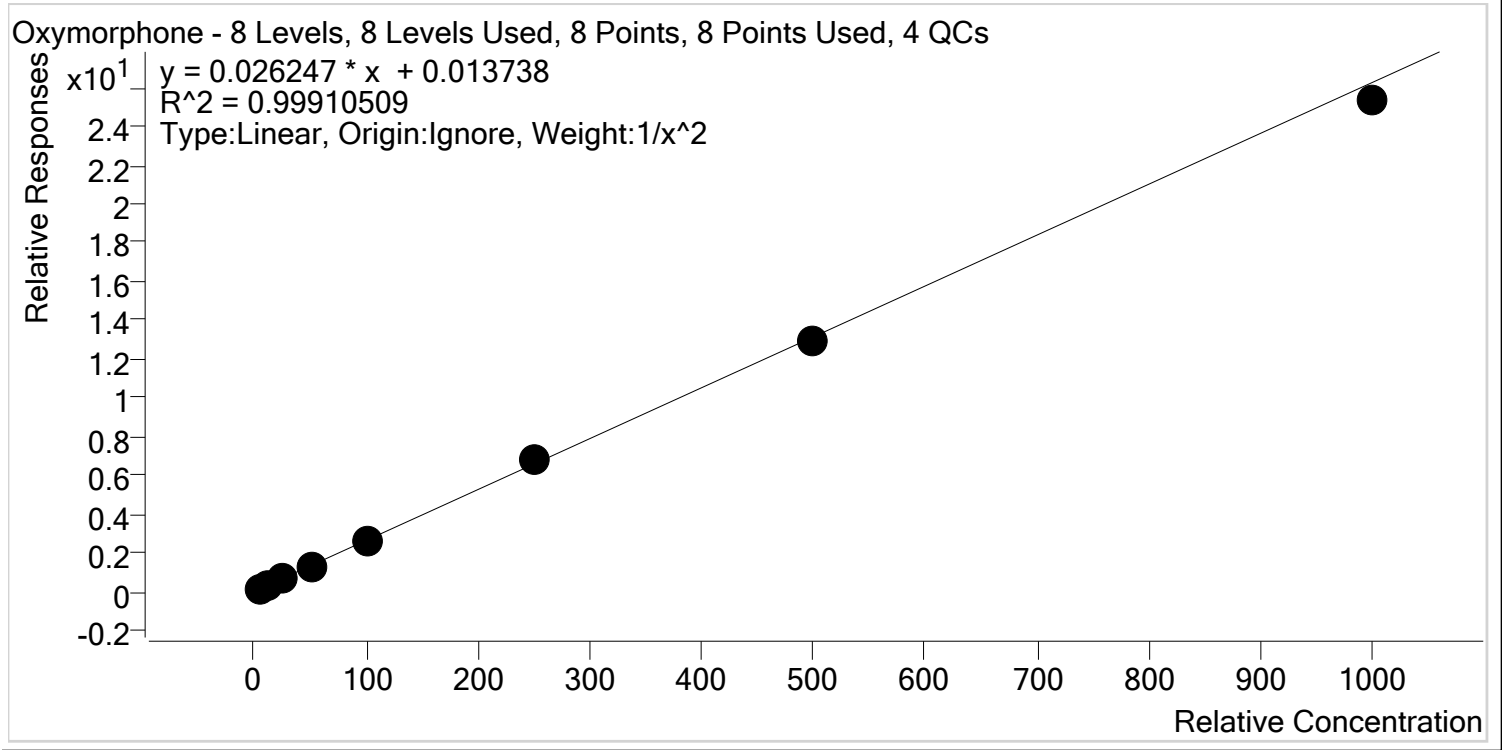


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	485.2	97.0
p1 Cal 8-1000ng	8	✓	1000.0	931.9	93.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

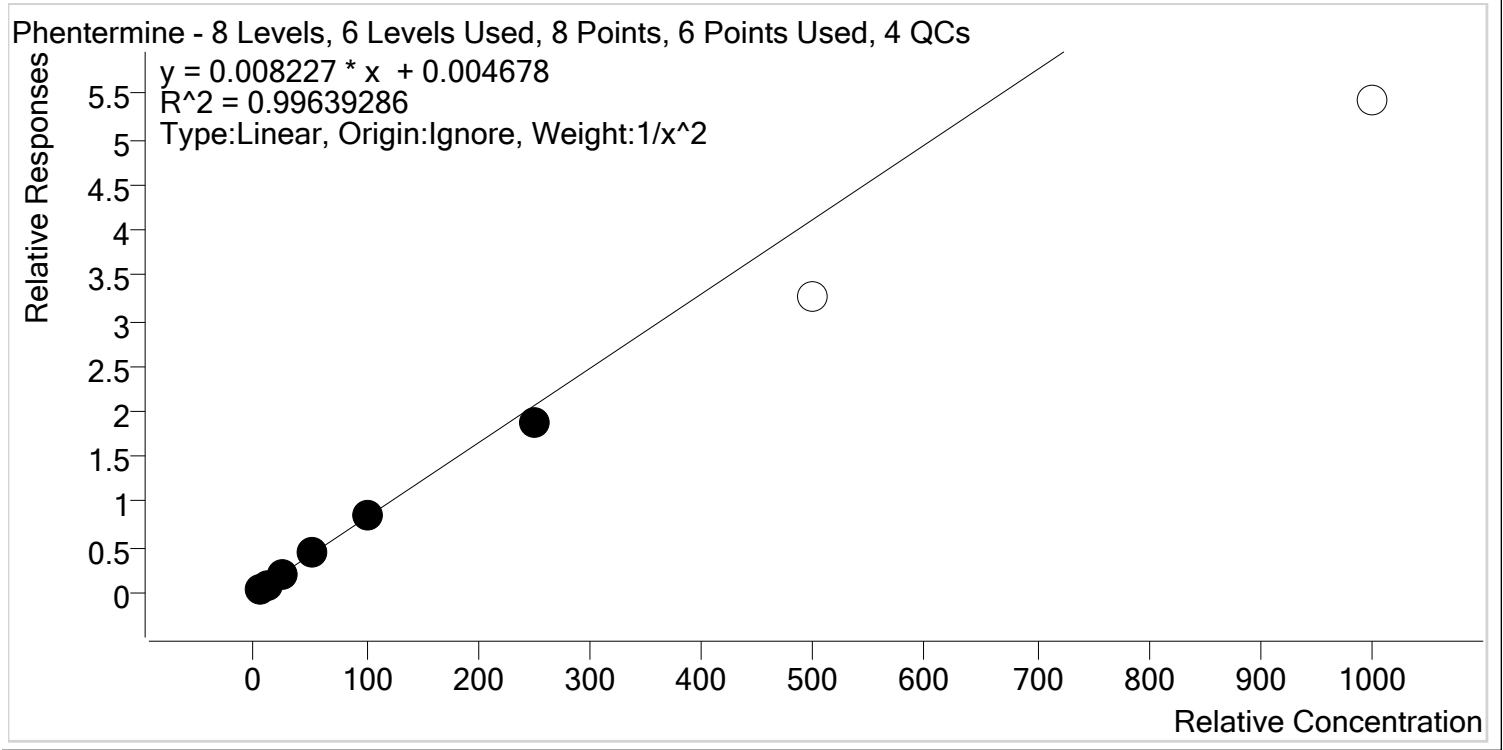


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	261.5	104.6
p1 Cal 7-500ng	7	✓	500.0	494.9	99.0
p1 Cal 8-1000ng	8	✓	1000.0	964.5	96.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

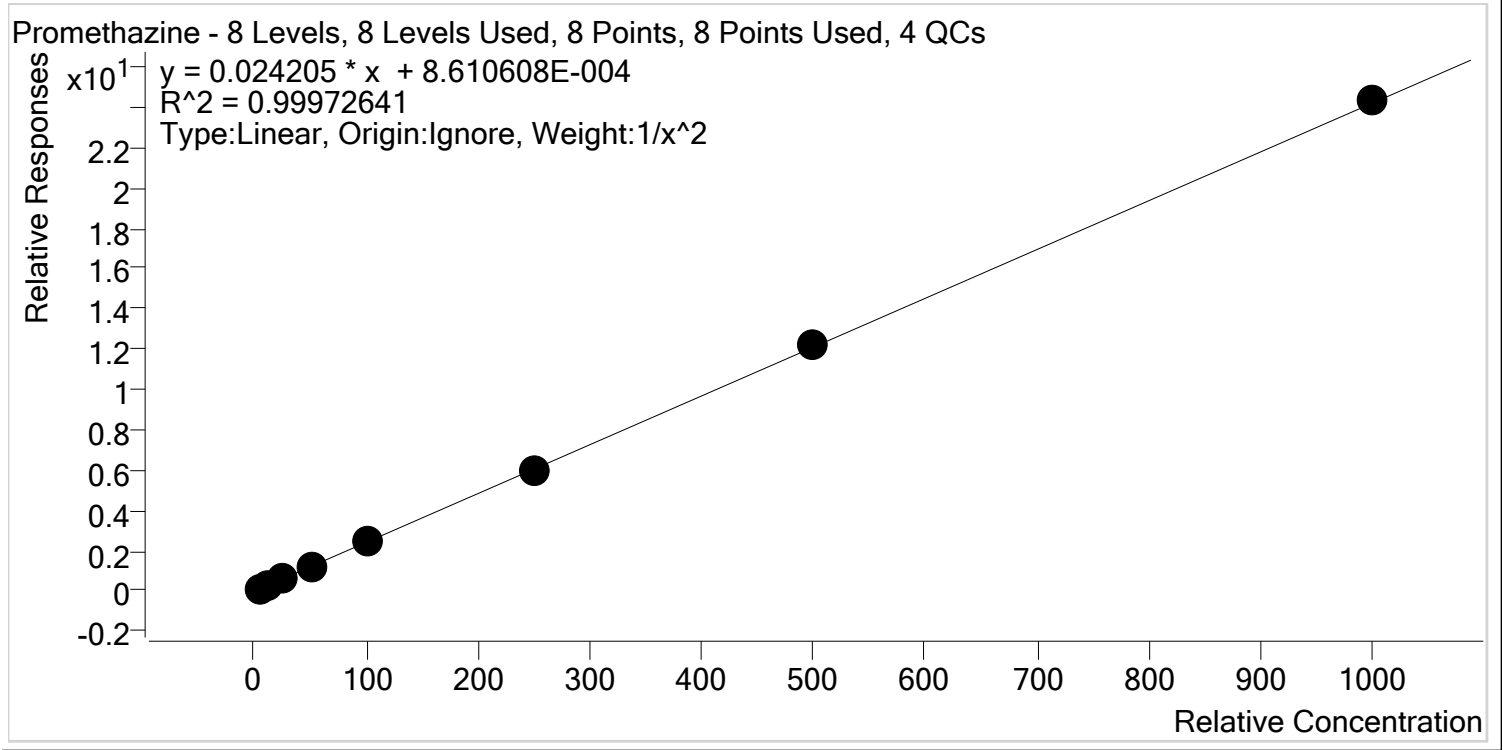


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	229.4	91.8
p1 Cal 7-500ng	7	✗	500.0	394.5	78.9
p1 Cal 8-1000ng	8	✗	1000.0	658.9	65.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

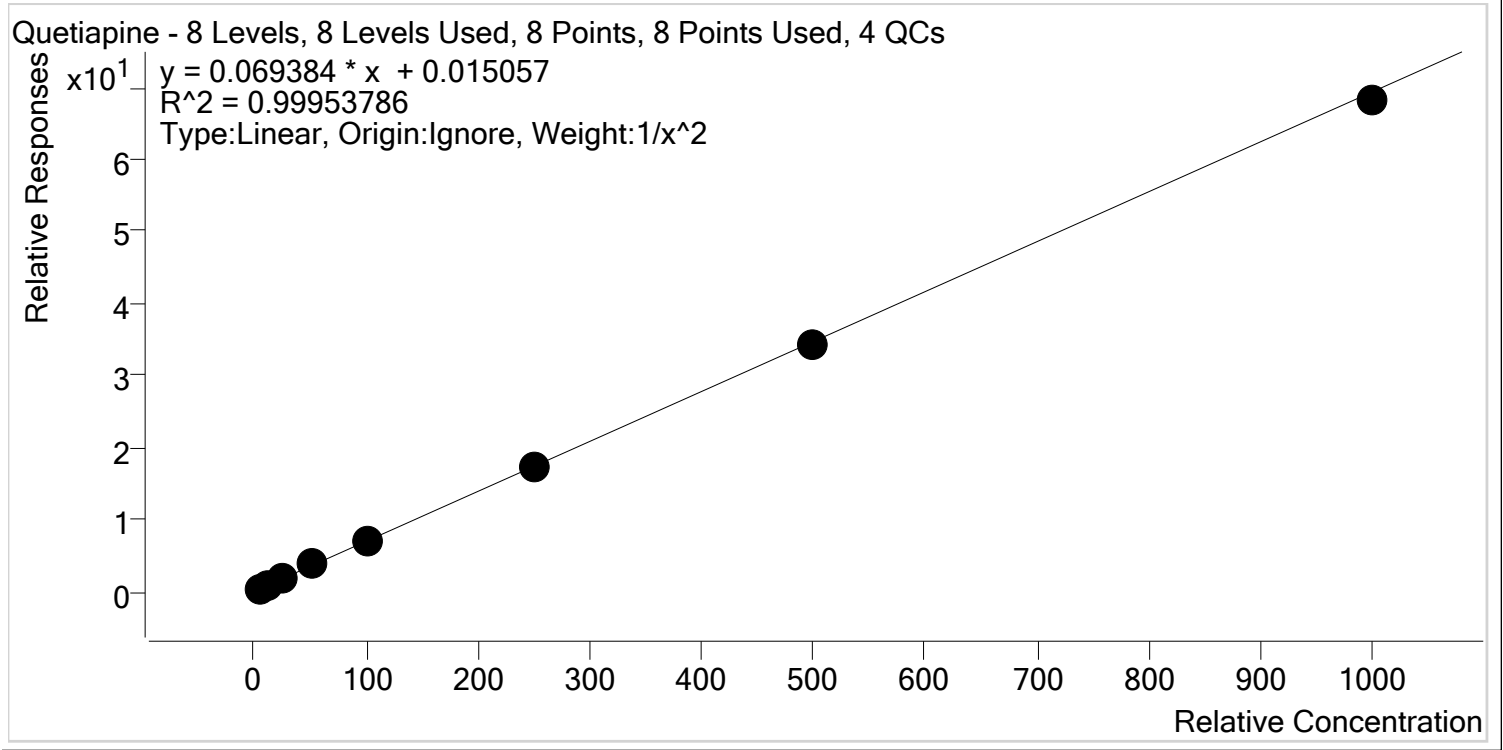


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	244.9	97.9
p1 Cal 7-500ng	7	✓	500.0	506.1	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1005.4	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

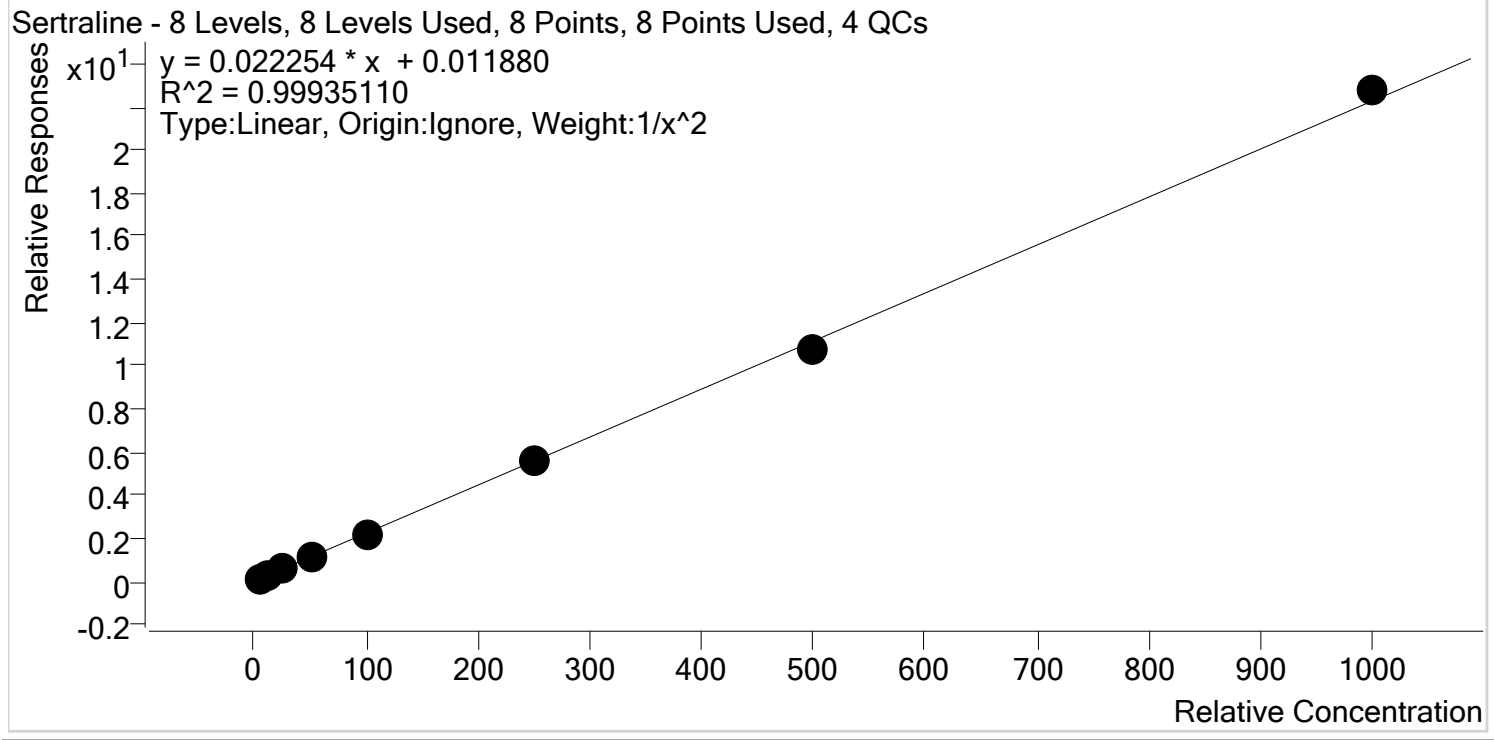


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.4
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	494.4	98.9
p1 Cal 8-1000ng	8	✓	1000.0	982.7	98.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

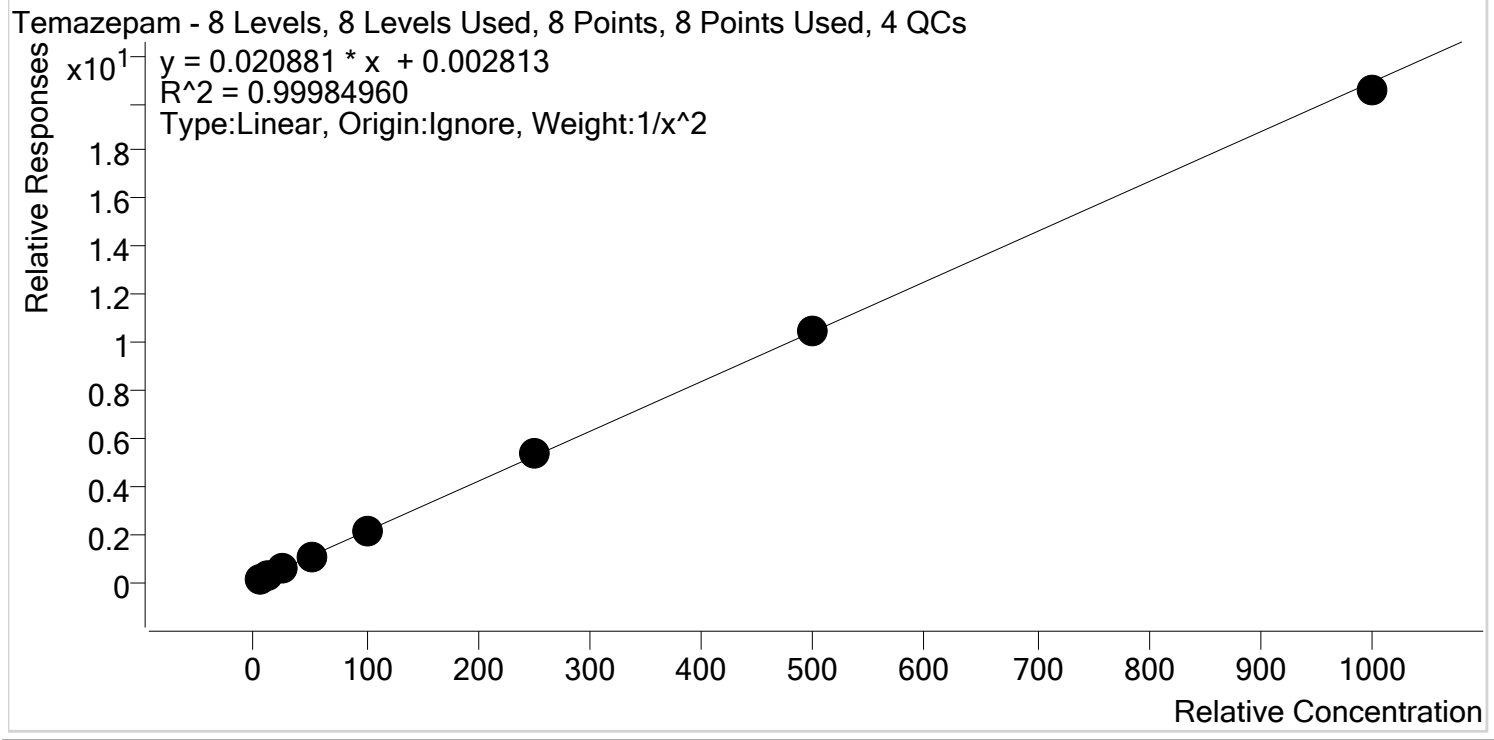


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	480.0	96.0
p1 Cal 8-1000ng	8	✓	1000.0	1021.9	102.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

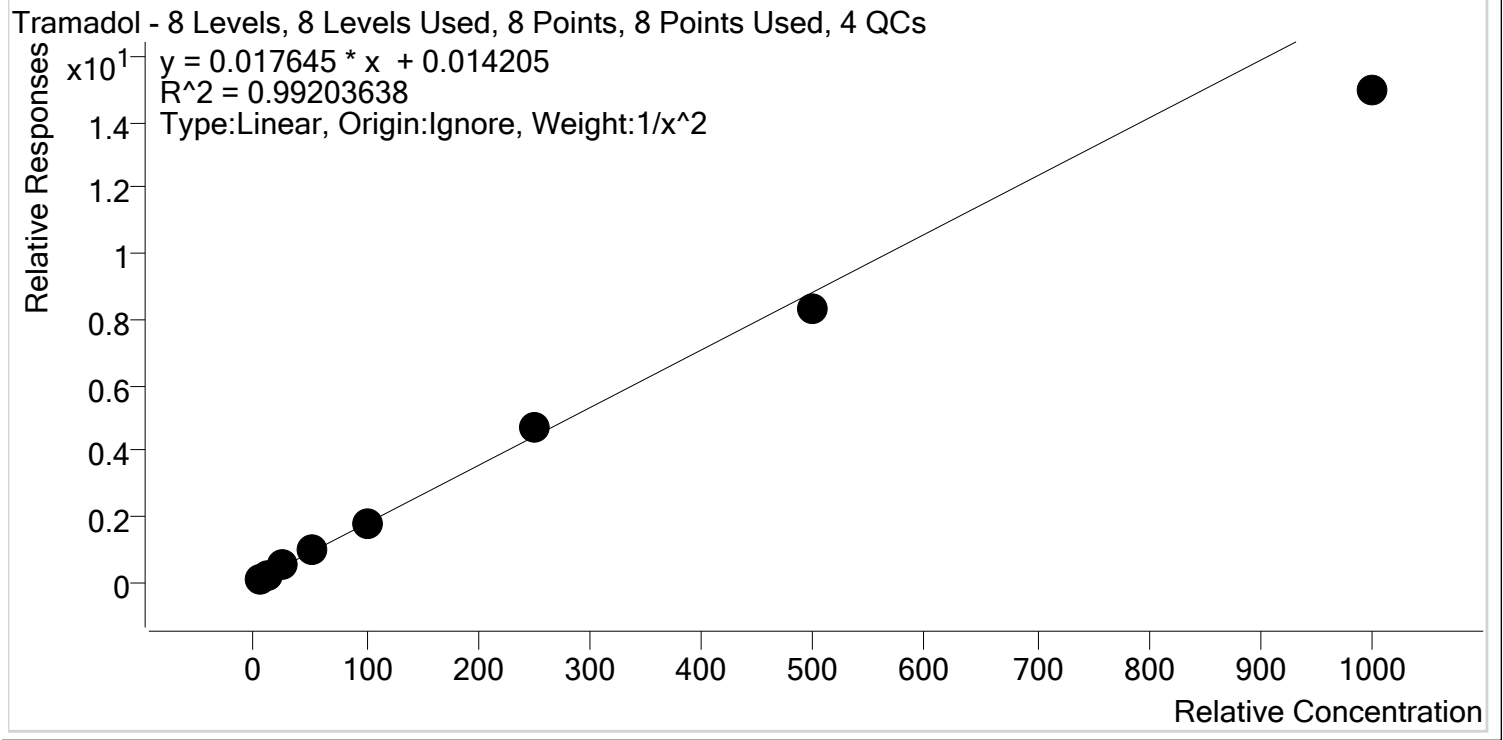


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	503.2	100.6
p1 Cal 8-1000ng	8	✓	1000.0	982.7	98.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

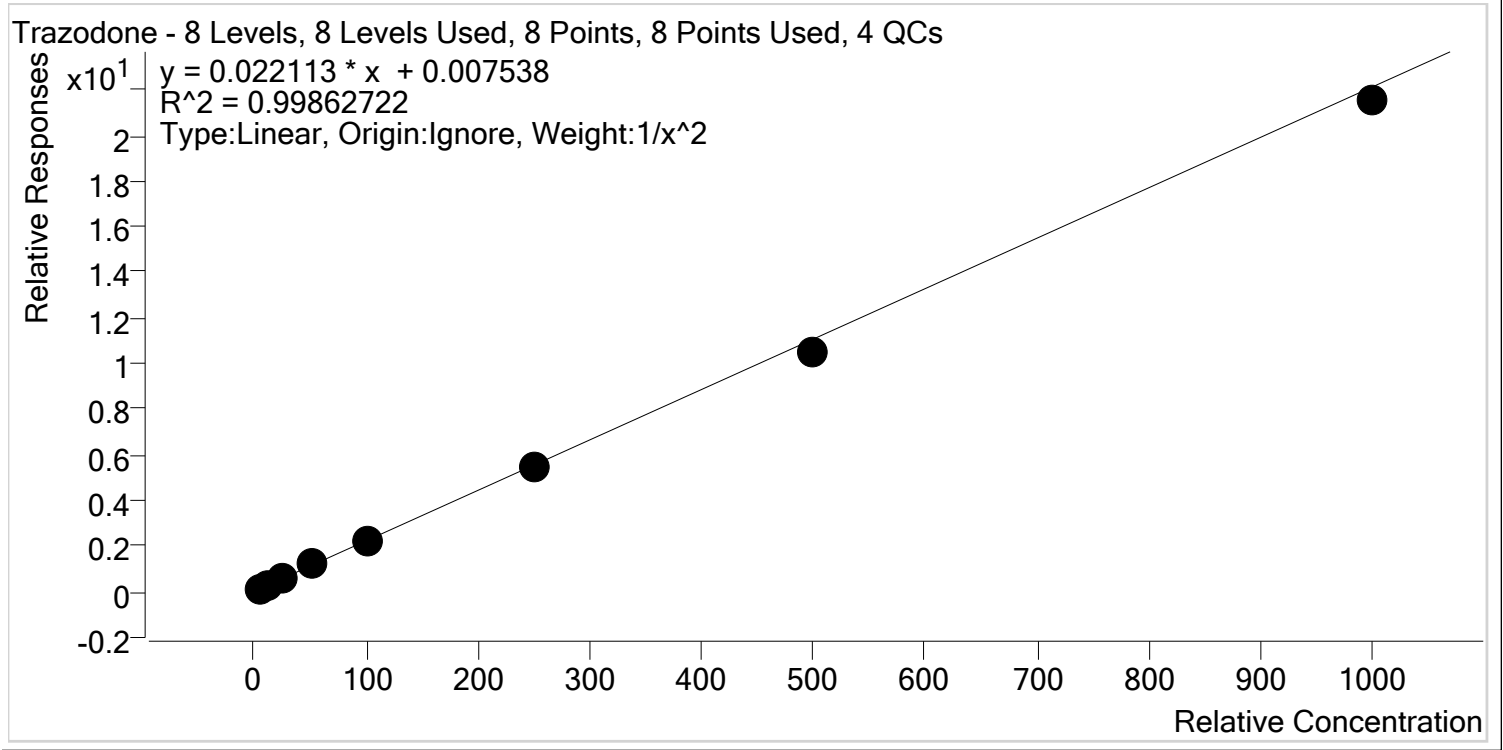


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2- 10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	265.6	106.2
p1 Cal 7-500ng	7	✓	500.0	472.0	94.4
p1 Cal 8-1000ng	8	✓	1000.0	847.7	84.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

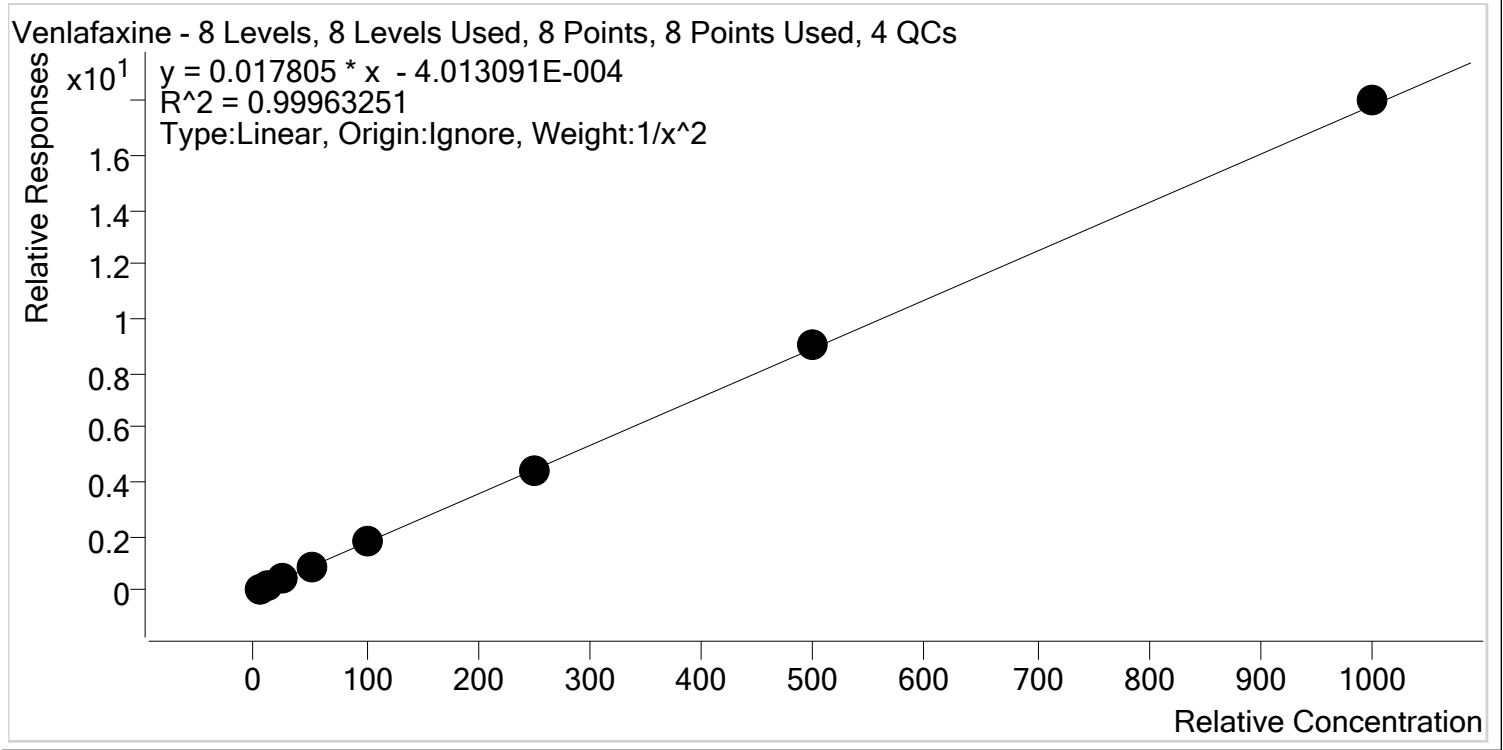


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	473.5	94.7
p1 Cal 8-1000ng	8	✓	1000.0	973.0	97.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

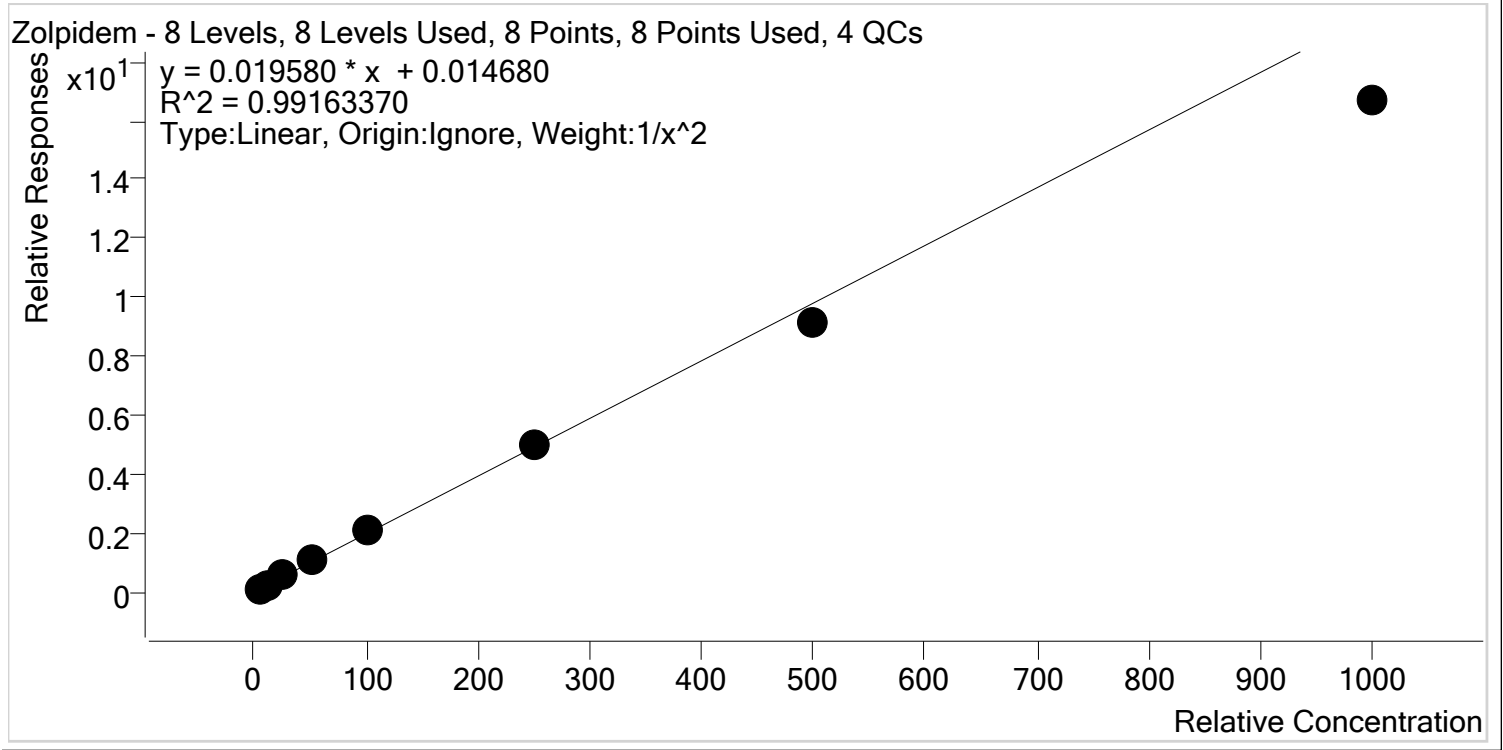


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1010.6	101.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 1/25/2021 1:59 PM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.1
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	54.4	108.7
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	466.8	93.4
p1 Cal 8-1000ng	8	✓	1000.0	851.2	85.1

AM #28 Multi-Drug Quant. Results

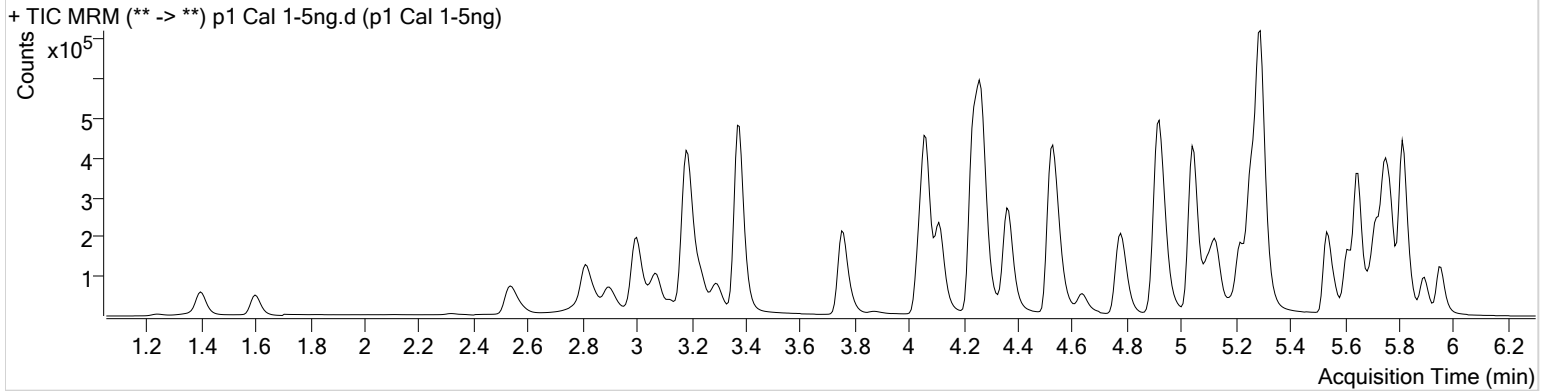


Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-A1
Injection Volume 2
Acq. Date-Time 1/20/2021 12:55:45 PM
Sample Info.

Data File p1 Cal 1-5ng.d
Sample p1 Cal 1-5ng
Operator Celena Shrum
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	1219	∞	69.1	2793.39	57477	0.5051 ng/ml
7-aminoclonazepam	4.277	19941	2046.77	78.7	∞	151674	5.0246 ng/ml
a-hydroxyalprazolam	5.695	12160	125.79	58.8	223.41	76925	4.9594 ng/ml
alpha-PHP	4.942	17511	949.97	257.0	4271.83	601928	4.9186 ng/ml
alpha-PVP	4.375	70648	10523.99	53.5	702.70	601928	5.0399 ng/ml
Alprazolam	5.778	38025	1269.55	114.6	609.04	276387	5.0896 ng/ml
Amphetamine	3.078	139254	982.80	53.6	∞	297956	4.7408 ng/ml
Benzoylecgonine	3.905	1869	38.52	8.8	148.45	11854	5.3000 ng/ml
Buprenorphine	5.890	1229	67.78	15.7	∞	88398	0.4873 ng/ml
Bupropion	4.793	77615	445.41	61.4	2075.05	501327	4.9250 ng/ml
Carisoprodol	5.727	37452	2007.65	56.5	191.98	375277	4.9791 ng/ml
Citalopram	5.216	43224	2754.76	42.7	36433.57	372910	5.0328 ng/ml
Clonazepam	5.615	47675	1260.34	33.1	216.24	114380	4.8350 ng/ml
Cocaine	4.263	51864	471.61	51.8	1233.26	838025	5.0177 ng/ml
Codeine	2.590	6078	154.36	104.3	276.65	58417	4.8887 ng/ml
Cyclobenzaprine	5.618	19145	6575.60	7.4	110.51	149080	5.0592 ng/ml
Dextromethorphan	5.266	25798	901.56	77.4	617.17	234858	5.0013 ng/ml
Dextrophan	4.117	19024	227.12	210.3	1213.86	439525	5.0011 ng/ml
Diazepam	5.956	22627	621.95	89.3	412.28	221186	4.9896 ng/ml
Dihydrocodeine	2.569	15214	∞	63.9	501.61	166996	4.7702 ng/ml
Diphenhydramine	5.294	114706	9367.67	35.1	1208.79	1431286	5.0604 ng/ml
Doxylamine	4.541	135130	∞	96.1	134468.81	1133773	4.9526 ng/ml
EDDP	5.258	56809	246.68	42.1	800.25	569968	4.9942 ng/ml
Fentanyl	5.114	2994	38.20	74.2	2519.66	275033	0.5006 ng/ml
Fluoxetine	5.703	9829	415.78	8.4	488.61	74521	5.0851 ng/ml
Hydrocodone	3.027	25681	147.89	35.9	236.59	278045	4.7209 ng/ml
Hydromorphone	1.608	19414	196.59	74.8	356.67	120269	4.8997 ng/ml
Ketamine	4.058	52174	1824.99	36.3	109.49	462540	4.8697 ng/ml
Lamotrigine	4.286	4411	912.69	85.7	2590.70	462540	4.7950 ng/ml
Lorazepam	5.750	40918	∞	61.3	254.73	114380	4.8238 ng/ml
MDA	3.211	91147	2984.24	22.6	78.98	485094	4.7384 ng/ml
MDMA	3.304	48483	72240.35	84.5	1203.34	100207	5.0052 ng/ml
Meprobamate	4.929	25856	1291.88	25.3	1016.72	207000	4.8170 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	75398	515.75	45.4	599.40	654723	5.0702 ng/ml
Metoprolol	4.332	10934	651.31	88.7	321.22	1143035	4.8003 ng/ml
Mirtazapine	4.636	76267	9123.25	47.7	72373.98	601928	4.9215 ng/ml
Mitragynine	5.241	12103	159.94	39.9	242.51	654723	4.6680 ng/ml
Morphine	1.246	3065	128.94	25.4	52.71	7415	4.8700 ng/ml
Norbuprenorphine	4.991	173	15.71	105.0	149.83	13812	0.5089 ng/ml
Nordiazepam	5.896	23202	8909.47	58.6	565.89	154411	4.8897 ng/ml
Norfentanyl	4.085	9795	6523.53	36.3	133.72	872543	0.5230 ng/ml
Norhydrocodone	3.075	4021	45.16	45.4	36.18	77922	4.8720 ng/ml
Noroxycodone	2.918	26909	502.99	42.1	195.51	187507	4.9771 ng/ml
O-desmethyl-tramadol	3.377	99039	767.47	6.9	503.03	1134508	5.0167 ng/ml
Oxazepam	5.753	50993	1561.46	73.2	367.28	544998	4.8559 ng/ml
Oxycodone	2.843	49241	506.37	27.2	545.19	407613	4.9188 ng/ml
Oxymorphone	1.403	23381	698.03	42.4	149.37	159497	5.0618 ng/ml
Phentermine	3.790	25849	345.55	4.4	13.74	571667	4.9277 ng/ml
Promethazine	5.535	40054	296.26	28.2	819.90	329446	4.9873 ng/ml
Quetiapine	5.559	41436	53101.65	58.8	36295.79	114050	5.0193 ng/ml
Sertraline	5.772	2454	74.41	102.6	3173.03	20011	4.9771 ng/ml
Temazepam	5.819	82721	1030.82	28.3	77.19	773238	4.9887 ng/ml
Tramadol	4.251	112944	6537.24	3.6	104.87	1143035	4.7950 ng/ml
Trazodone	5.188	44955	∞	79.1	∞	388195	4.8961 ng/ml
Venlafaxine	5.048	90102	2284.85	39.7	141.65	998893	5.0886 ng/ml
Zolpidem	4.939	118174	3560.21	31.3	3277.11	1086890	4.8034 ng/ml

AM #28 Multi-Drug Quant. Results

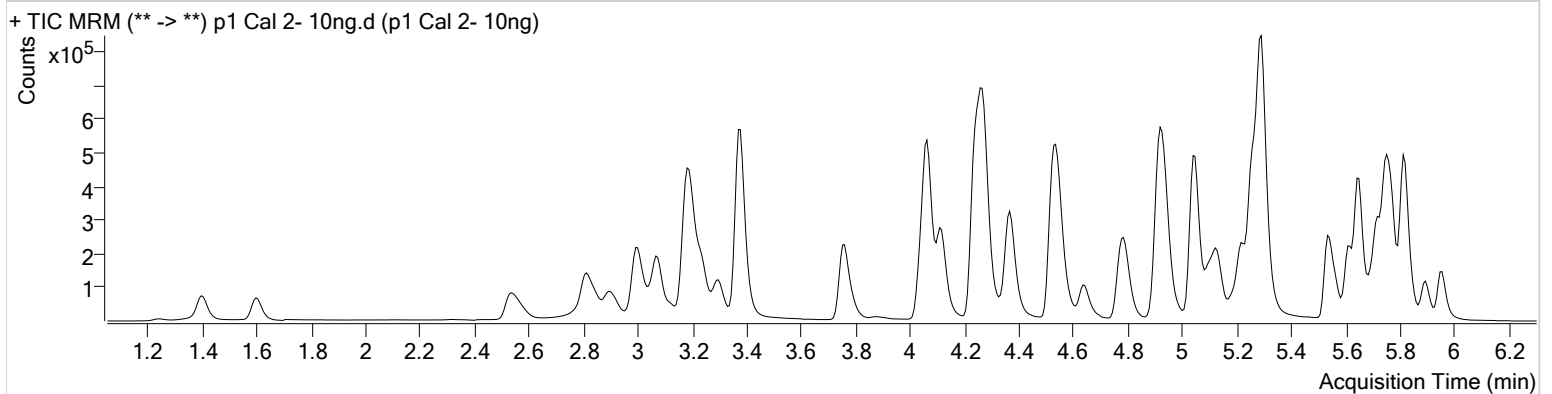


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Calibration Last Update 1/25/2021 1:59:56 PM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-B1
Injection Volume 2
Acq. Date-Time 1/20/2021 1:06:31 PM
Sample Info.

Data File p1 Cal 2- 10ng.d
Sample p1 Cal 2- 10ng
Operator Celena Shrum
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	2586	2480.55	74.4	2724.99	63500	0.9718 ng/ml
7-aminoclonazepam	4.277	44471	4285.07	78.4	1861.43	163895	10.0689 ng/ml
a-hydroxyalprazolam	5.695	25165	1313.75	59.4	257.71	83437	9.8893 ng/ml
alpha-PHP	4.942	34015	2746.48	264.5	6678.75	630433	9.9131 ng/ml
alpha-PVP	4.375	143380	7872.02	54.0	2223.91	630433	9.8697 ng/ml
Alprazolam	5.778	78083	383.14	115.5	627.30	290230	9.7558 ng/ml
Amphetamine	3.078	289652	2381.48	52.5	∞	319708	10.3787 ng/ml
Benzoylcegonine	3.905	3782	118.82	7.2	13.72	13517	9.8730 ng/ml
Buprenorphine	5.890	2859	370.25	15.3	404.82	96016	1.0461 ng/ml
Bupropion	4.800	161816	4223.87	61.2	2516.40	524616	10.1442 ng/ml
Carisoprodol	5.727	80194	6469.64	57.2	787.73	407741	9.9946 ng/ml
Citalopram	5.223	89286	3556.44	42.6	89479.91	391883	9.9121 ng/ml
Clonazepam	5.615	99503	4358.04	33.2	403.23	118855	10.2612 ng/ml
Cocaine	4.269	108383	16343.55	53.2	352.21	883239	10.0225 ng/ml
Codeine	2.583	13068	173.79	104.3	335.72	65285	9.9540 ng/ml
Cyclobenzaprine	5.618	41059	71513.46	8.7	∞	166165	9.7742 ng/ml
Dextromethorphan	5.266	51685	439.56	78.9	446.87	239149	10.0120 ng/ml
Dextrorphan	4.117	40369	233.42	208.6	1046.51	462339	10.0673 ng/ml
Diazepam	5.956	46268	877.99	89.2	553.97	228510	10.0222 ng/ml
Dihydrocodeine	2.569	33901	∞	63.8	∞	180279	10.5033 ng/ml
Diphenhydramine	5.294	235285	27180.28	34.1	14848.70	1504850	9.7795 ng/ml
Doxylamine	4.548	284277	25301.62	98.5	480.21	1233648	9.9656 ng/ml
EDDP	5.258	133664	3986.79	41.3	384.24	670504	10.0742 ng/ml
Fentanyl	5.114	6808	693.97	67.9	8938.87	312544	0.9983 ng/ml
Fluoxetine	5.703	20555	428.18	8.4	1501.95	85358	9.5510 ng/ml
Hydrocodone	3.020	55104	150.81	36.8	156.48	298964	10.5177 ng/ml
Hydromorphone	1.608	41261	1037.35	75.1	784.16	126661	10.2684 ng/ml
Ketamine	4.058	107527	382.91	37.7	114.73	487019	10.2814 ng/ml
Lamotrigine	4.286	9278	∞	80.4	12331.51	487019	10.4729 ng/ml
Lorazepam	5.750	82480	∞	57.2	310.29	118855	10.2844 ng/ml
MDA	3.211	188887	6495.19	23.3	334.84	507945	10.5191 ng/ml
MDMA	3.304	100425	294926.02	83.4	1192.04	106972	9.8525 ng/ml
Meprobamate	4.929	54119	2201.99	26.4	1449.22	229852	10.2404 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	148402	24462.22	47.6	305.13	669494	9.7876 ng/ml
Metoprolol	4.332	24233	1129.30	88.8	∞	1200715	10.4780 ng/ml
Mirtazapine	4.636	166110	23753.12	46.9	∞	630433	10.2271 ng/ml
Mitragynine	5.241	27693	2919.65	40.1	11114.43	669494	10.8682 ng/ml
Morphine	1.246	6292	310.64	26.8	79.86	7795	10.1913 ng/ml
Norbuprenorphine	4.991	316	824.05	111.0	76.94	15096	0.9303 ng/ml
Nordiazepam	5.896	47779	2985.84	58.4	1200.94	155483	10.2176 ng/ml
Norfentanyl	4.092	20693	1626.78	35.2	152.95	998830	0.9304 ng/ml
Norhydrocodone	3.068	8907	161.17	40.8	57.22	83578	10.4323 ng/ml
Noroxycodone	2.918	56176	694.36	42.3	509.71	205842	9.9070 ng/ml
O-desmethyl-tramadol	3.377	214896	611.75	6.8	1241.29	1251619	9.9559 ng/ml
Oxazepam	5.753	101168	1518.76	71.6	459.66	547061	10.2267 ng/ml
Oxycodone	2.843	104491	1385.94	27.6	634.81	439906	10.1023 ng/ml
Oxymorphone	1.403	47235	507.65	43.9	168.70	175829	9.7119 ng/ml
Phentermine	3.790	53977	458.29	4.3	51.60	607772	10.2268 ng/ml
Promethazine	5.535	87074	519.61	28.3	378.31	355342	10.0879 ng/ml
Quetiapine	5.559	87922	9125.65	59.0	61893.08	125662	9.8671 ng/ml
Sertraline	5.772	5062	82.06	99.4	223.40	21434	10.0774 ng/ml
Temazepam	5.819	166152	3476.56	28.3	384.45	779380	10.0749 ng/ml
Tramadol	4.251	237436	21559.14	3.6	170.36	1200715	10.4021 ng/ml
Trazodone	5.188	98968	33725.74	80.0	∞	422812	10.2443 ng/ml
Venlafaxine	5.048	179377	650.93	39.9	349.64	1041202	9.6983 ng/ml
Zolpidem	4.939	256669	84209.41	30.8	1316.39	1183059	10.3309 ng/ml

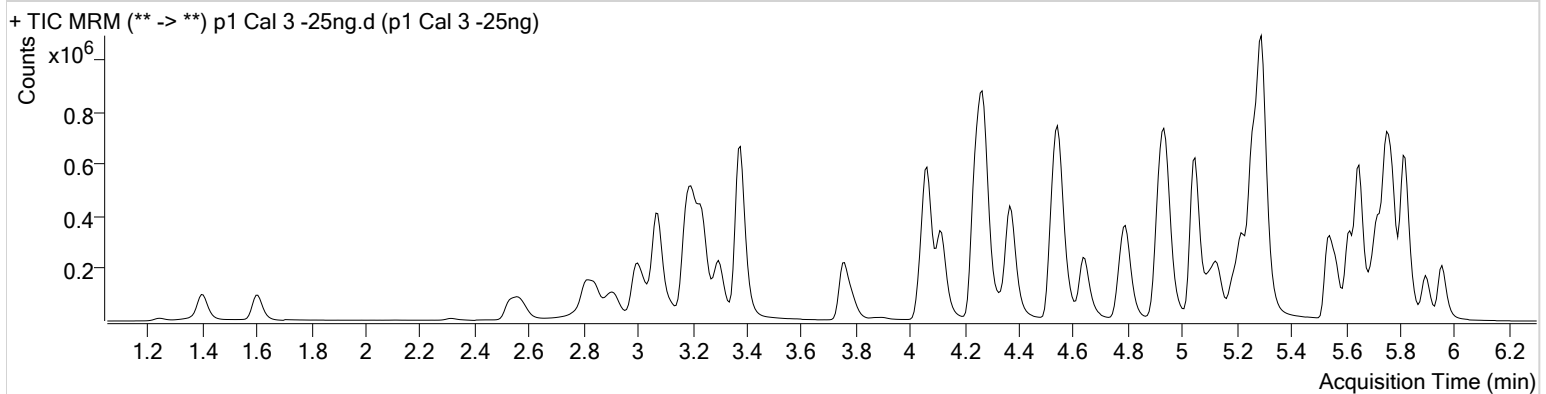
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

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	P6-C1	Comment	
Injection Volume	2		
Acq. Date-Time	1/20/2021 1:17:07 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	6448	497.89	68.4	4007.67	60788	2.5341 ng/ml
7-aminoclonazepam	4.277	113791	3744.98	79.8	219.55	168745	24.6035 ng/ml
a-hydroxyalprazolam	5.695	62048	∞	60.3	1007.27	80173	26.1123 ng/ml
alpha-PHP	4.942	85702	36849.03	259.7	23944.36	625880	26.5814 ng/ml
alpha-PVP	4.375	350868	8676.63	53.5	670.05	625880	24.4901 ng/ml
Alprazolam	5.778	196252	646.88	111.8	898.58	288363	24.3635 ng/ml
Amphetamine	3.078	693533	∞	53.2	5439.99	307325	27.7399 ng/ml
Benzoylcegonine	3.898	8743	795.82	8.9	52.49	12763	25.0422 ng/ml
Buprenorphine	5.890	6751	300.82	15.4	1186.28	96602	2.4584 ng/ml
Bupropion	4.800	396685	24485.30	61.1	5538.13	520158	25.5743 ng/ml
Carisoprodol	5.727	191006	13022.45	53.8	2188.28	389334	25.2108 ng/ml
Citalopram	5.223	217311	743.14	43.5	4618.87	384185	24.6379 ng/ml
Clonazepam	5.615	242412	3879.91	34.3	∞	116538	26.3052 ng/ml
Cocaine	4.269	254646	15636.05	53.5	13713.21	846397	24.6814 ng/ml
Codeine	2.583	31945	7336.36	102.2	40588.61	61990	26.5639 ng/ml
Cyclobenzaprine	5.618	106041	5648.76	8.6	273.19	168653	24.9375 ng/ml
Dextromethorphan	5.266	127135	496.10	79.0	1511.37	239344	24.8662 ng/ml
Dextrophan	4.117	95684	3913.19	211.1	3219.26	448319	24.5787 ng/ml
Diazepam	5.956	116121	2596.21	89.2	∞	234743	24.7009 ng/ml
Dihydrocodeine	2.562	80552	∞	63.2	∞	174494	26.6831 ng/ml
Diphenhydramine	5.294	590886	332.68	34.0	1271.49	1478311	24.8487 ng/ml
Doxylamine	4.548	690506	27322.36	98.8	58826.65	1197591	25.5632 ng/ml
EDDP	5.265	349552	311.47	42.5	5617.86	722091	24.5855 ng/ml
Fentanyl	5.114	17280	107.30	67.4	∞	321009	2.4621 ng/ml
Fluoxetine	5.703	52754	829.06	8.9	276.08	84267	25.3487 ng/ml
Hydrocodone	3.027	131659	∞	37.2	153.89	290370	27.4823 ng/ml
Hydromorphone	1.608	96495	919.47	75.7	1490.50	122163	25.4308 ng/ml
Ketamine	4.058	248640	35472.84	38.3	249.73	470764	25.6857 ng/ml
Lamotrigine	4.286	21866	4648.49	81.0	32864.00	470764	26.8212 ng/ml
Lorazepam	5.750	200232	1714.43	58.0	1041.86	116538	26.9190 ng/ml
MDA	3.211	436696	5486.84	24.0	212.49	488187	26.9419 ng/ml
MDMA	3.298	244297	5579.52	83.2	5265.84	102265	25.3017 ng/ml
Meprobamate	4.929	127153	3871.55	26.0	301.64	216070	27.5600 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	377871	1217.11	44.9	339.06	685795	24.3749 ng/ml
Methamphetamine	3.239	605462	7772.38	39.3	775.56	732063	23.0848 ng/ml
Metoprolol	4.332	57380	5354.48	88.8	∞	1147545	26.4262 ng/ml
Mirtazapine	4.636	408937	4117.07	46.3	2559.61	625880	25.3507 ng/ml
Mitragynine	5.248	68883	6169.63	39.5	715.97	685795	26.8799 ng/ml
Morphine	1.246	14854	279.69	25.8	614.21	7474	26.1354 ng/ml
Norbuprenorphine	4.997	828	149.77	96.5	26.24	15159	2.6161 ng/ml
Nordiazepam	5.903	118711	1960.97	57.8	8238.03	153838	25.9735 ng/ml
Norfentanyl	4.085	52418	151.81	34.0	2495.97	953762	2.4001 ng/ml
Norhydrocodone	3.068	20293	121.87	41.9	152.56	79043	25.6221 ng/ml
Noroxycodone	2.918	133227	1296.47	43.5	1183.64	194565	25.5966 ng/ml
O-desmethyl-tramadol	3.377	506085	5023.61	7.0	551.59	1189974	24.7972 ng/ml
Oxazepam	5.753	247762	2225.65	71.0	2777.21	541483	26.2534 ng/ml
Oxycodone	2.843	250777	1479.86	27.4	2116.54	424188	25.8070 ng/ml
Oxymorphone	1.403	113924	∞	43.5	1003.74	169187	25.1318 ng/ml
Phentermine	3.790	121900	2868.18	4.4	318.49	586939	24.6767 ng/ml
Promethazine	5.542	210658	1916.04	27.8	1366.41	353435	24.5882 ng/ml
Quetiapine	5.566	213986	15966.75	59.8	572.38	123056	24.8455 ng/ml
Sertraline	5.772	12127	270.22	99.9	∞	21444	24.8784 ng/ml
Temazepam	5.819	402924	18360.04	28.6	1182.33	774381	24.7838 ng/ml
Tramadol	4.251	558655	20875.51	3.7	717.67	1147545	26.7856 ng/ml
Trazodone	5.188	237984	317.12	79.7	∞	416325	25.5093 ng/ml
Venlafaxine	5.048	443849	9521.56	40.2	495.72	1012451	24.6441 ng/ml
Zolpidem	4.939	605551	6266.30	30.7	23644.12	1134298	26.5163 ng/ml

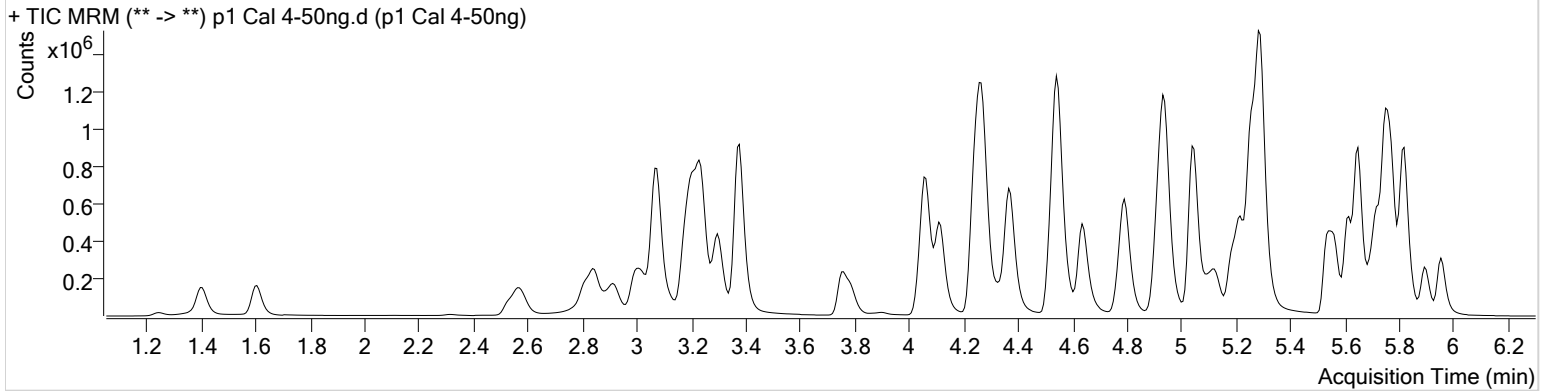
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

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	P6-D1	Comment	
Injection Volume	2		
Acq. Date-Time	1/20/2021 1:27:42 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	13379	3099.40	69.7	15104.87	62694	5.0999 ng/ml
7-aminoclonazepam	4.277	212748	3326.90	82.3	∞	161331	47.8435 ng/ml
a-hydroxyalprazolam	5.695	123633	1764.28	59.9	980.86	80303	52.4117 ng/ml
alpha-PHP	4.942	175845	9419.55	264.9	220902.93	647662	53.6152 ng/ml
alpha-PVP	4.375	752976	854.79	53.2	5846.55	647662	50.9078 ng/ml
Alprazolam	5.778	391174	976.35	112.6	1015.67	280434	49.7182 ng/ml
Amphetamine	3.078	1401974	11062.26	53.1	22413.14	315364	55.8750 ng/ml
Benzoylecgonine	3.898	18012	757.21	8.1	12867.08	13609	48.9435 ng/ml
Buprenorphine	5.890	14029	836.05	15.2	7580.67	99530	4.9606 ng/ml
Bupropion	4.793	829345	17350.94	61.8	18566.40	547933	51.0873 ng/ml
Carisoprodol	5.727	382367	18517.60	53.5	525.14	387487	50.8987 ng/ml
Citalopram	5.216	447695	5490.59	44.1	5444.52	388659	50.1943 ng/ml
Clonazepam	5.615	485013	∞	33.2	12132.31	114780	53.9996 ng/ml
Cocaine	4.269	518205	32584.24	53.0	26160.40	867614	49.0721 ng/ml
Codeine	2.583	66496	502.99	98.9	484.03	62618	55.3723 ng/ml
Cyclobenzaprine	5.618	203328	11828.63	8.9	163.74	160951	50.1483 ng/ml
Dextromethorphan	5.266	258850	11542.24	79.3	1049.98	241744	50.3057 ng/ml
Dextrophan	4.117	204718	442.98	209.2	4428.10	472666	49.8569 ng/ml
Diazepam	5.956	230257	1193.30	87.3	953.44	225102	51.2370 ng/ml
Dihydrocodeine	2.562	165761	∞	63.9	∞	180234	53.7732 ng/ml
Diphenhydramine	5.294	1216494	∞	33.9	10130.27	1496653	50.4295 ng/ml
Doxylamine	4.548	1469556	40281.72	98.1	99664.24	1253725	52.4003 ng/ml
EDDP	5.258	726339	3130.24	42.3	19649.57	734484	50.3137 ng/ml
Fentanyl	5.114	36469	316.93	68.8	39243.98	324769	5.1321 ng/ml
Fluoxetine	5.703	95352	19392.51	8.7	96.92	75661	51.3563 ng/ml
Hydrocodone	3.020	269968	∞	37.9	1103.94	305905	54.5331 ng/ml
Hydromorphone	1.608	196654	1687.53	75.3	2330.12	125545	50.7988 ng/ml
Ketamine	4.058	522330	19542.55	38.3	876.62	490314	52.6042 ng/ml
Lamotrigine	4.286	43894	1367.47	81.0	72868.47	490314	52.5243 ng/ml
Lorazepam	5.750	391079	1025.47	58.5	995.65	114780	54.3513 ng/ml
MDA	3.211	886513	16847.65	24.2	661.92	490694	55.6024 ng/ml
MDMA	3.298	520200	3091.29	82.4	6148.67	107018	51.6388 ng/ml
Meprobamate	4.929	247544	19706.95	26.1	6815.79	220806	53.6903 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	796280	1848.45	45.8	82759.92	696513	50.6071 ng/ml
Methamphetamine	3.239	1205662	1335.07	39.5	1020.01	769594	56.8312 ng/ml
Metoprolol	4.332	117368	18116.48	89.3	3468.60	1206264	51.7208 ng/ml
Mirtazapine	4.636	837650	∞	47.0	47084.92	647662	50.1743 ng/ml
Mitragynine	5.241	140044	19561.32	37.9	31948.13	696513	54.1505 ng/ml
Morphine	1.246	31624	1905.59	24.5	1276.96	7890	53.4344 ng/ml
Norbuprenorphine	4.991	1534	180.32	95.2	451.16	14947	5.0149 ng/ml
Nordiazepam	5.903	232263	1609.42	58.1	29834.67	152069	51.6135 ng/ml
Norfentanyl	4.085	109387	18397.56	34.1	81.51	967711	4.8930 ng/ml
Norhydrocodone	3.068	38175	614.56	42.9	171.94	75198	51.0063 ng/ml
Noroxycodone	2.918	274673	731.68	43.2	917.53	199518	51.9573 ng/ml
O-desmethyl-tramadol	3.377	1057440	83930.84	7.1	1305.95	1231706	50.1510 ng/ml
Oxazepam	5.753	484608	13882.57	74.6	45327.91	535288	52.5750 ng/ml
Oxycodone	2.843	527751	3622.90	27.2	1450.72	446875	51.9972 ng/ml
Oxymorphone	1.403	228345	∞	43.4	∞	172826	49.8161 ng/ml
Phentermine	3.790	268585	3145.15	4.4	486.62	609321	53.0119 ng/ml
Promethazine	5.535	420984	512.35	27.5	5271.49	340528	51.0386 ng/ml
Quetiapine	5.559	447114	838636.09	58.3	26467.32	123166	52.1035 ng/ml
Sertraline	5.772	20283	69.30	102.3	481.55	17568	51.3433 ng/ml
Temazepam	5.819	828380	16470.36	29.1	3138.34	790269	50.0657 ng/ml
Tramadol	4.251	1143714	82461.99	3.8	1312.89	1206264	52.9307 ng/ml
Trazodone	5.188	491230	194.12	80.3	8186.10	422628	52.2214 ng/ml
Venlafaxine	5.048	944650	1287.19	39.9	7608.54	1058601	50.1405 ng/ml
Zolpidem	4.939	1254176	33405.14	30.8	∞	1162220	54.3651 ng/ml

AM #28 Multi-Drug Quant. Results

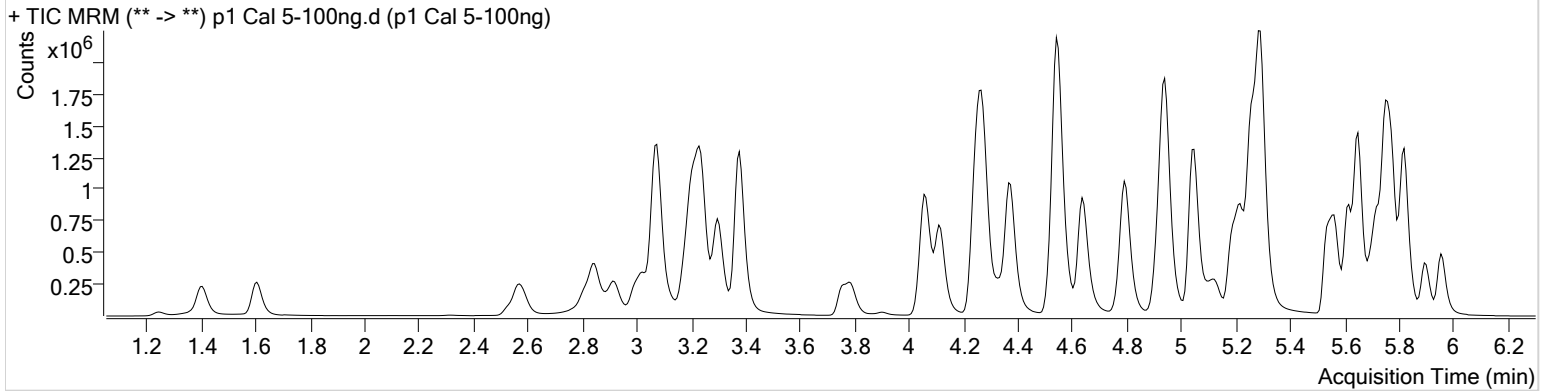


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Calibration Last Update 1/25/2021 1:59:56 PM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-E1
Injection Volume 2
Acq. Date-Time 1/20/2021 1:38:17 PM
Sample Info.

Data File p1 Cal 5-100ng.d
Sample p1 Cal 5-100ng
Operator Celena Shrum
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	24970	666.71	70.7	1135.93	60337	9.8922 ng/ml
7-aminoclonazepam	4.277	400284	16638.19	79.2	8071.74	149025	97.1576 ng/ml
a-hydroxyalprazolam	5.695	221258	736.04	61.2	2329.18	75719	99.8983 ng/ml
alpha-PHP	4.942	323463	27084.12	263.1	5608.29	612628	105.1381 ng/ml
alpha-PVP	4.375	1416777	1801.67	53.0	25694.02	612628	101.3738 ng/ml
Alprazolam	5.778	712010	∞	113.5	∞	256518	98.7298 ng/ml
Amphetamine	3.078	2515805	25112.75	52.4	41185.99	304025	105.0968 ng/ml
Benzoylcegonine	3.898	34339	11533.44	8.3	1333.24	12974	98.4788 ng/ml
Buprenorphine	5.890	27507	∞	14.5	7587.41	96374	10.0472 ng/ml
Bupropion	4.793	1594402	969.83	61.1	24356.22	525885	102.6680 ng/ml
Carisoprodol	5.727	695534	24878.60	54.0	30917.47	352738	101.8938 ng/ml
Citalopram	5.223	865380	2836.70	43.2	897.81	375092	100.5533 ng/ml
Clonazepam	5.615	885386	∞	33.3	2175.06	108060	105.2184 ng/ml
Cocaine	4.269	954819	182275.99	53.4	∞	792254	99.0946 ng/ml
Codeine	2.590	120274	9664.05	100.0	8612.62	59903	105.2225 ng/ml
Cyclobenzaprine	5.618	413862	37158.01	8.5	∞	167009	98.4125 ng/ml
Dextromethorphan	5.266	489000	30311.08	79.8	8003.09	232445	99.0067 ng/ml
Dextrophan	4.117	382348	8681.25	204.4	12682.52	439914	100.0290 ng/ml
Diazepam	5.956	445044	571.88	88.4	7246.60	220067	101.4434 ng/ml
Dihydrocodeine	2.562	308396	∞	63.8	∞	174208	104.0758 ng/ml
Diphenhydramine	5.294	2341082	1155.44	34.0	25561.67	1478216	98.1667 ng/ml
Doxylamine	4.541	2809220	79601.63	98.4	155986.16	1216218	103.6637 ng/ml
EDDP	5.258	1376805	516.41	41.9	13401.43	699670	100.2017 ng/ml
Fentanyl	5.114	70787	∞	68.9	62106.65	321607	10.0560 ng/ml
Fluoxetine	5.703	196756	13710.88	8.8	11278.24	80445	99.9760 ng/ml
Hydrocodone	3.020	489625	∞	38.1	318.70	291060	104.9463 ng/ml
Hydromorphone	1.608	376897	1700.17	74.7	2794.72	118171	103.8209 ng/ml
Ketamine	4.058	979413	2622.25	38.1	3613.23	470797	103.4725 ng/ml
Lamotrigine	4.286	80481	2355.56	81.1	6713.30	470797	101.1125 ng/ml
Lorazepam	5.750	674310	1542.27	58.8	5817.66	108060	100.3625 ng/ml
MDA	3.211	1568802	44108.05	23.8	623.37	465545	104.7196 ng/ml
MDMA	3.298	968957	6446.92	82.8	10711.43	101282	101.7779 ng/ml
Meprobamate	4.929	424845	∞	26.2	2481.25	205798	99.9682 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	1552360	914.51	46.4	1069.34	688452	99.8443 ng/ml
Methamphetamine	3.239	1968778	3354.55	38.9	9346.33	747153	105.5835 ng/ml
Metoprolol	4.332	222334	5097.50	88.7	∞	1158584	102.3156 ng/ml
Mirtazapine	4.636	1621655	6745.10	46.7	276370.68	612628	102.6830 ng/ml
Mitragynine	5.241	265259	25981.31	39.4	7258.01	688452	104.0819 ng/ml
Morphine	1.246	57280	7840.86	26.0	1118.44	7525	102.1246 ng/ml
Norbuprenorphine	4.991	3149	∞	98.0	3941.97	15212	10.2335 ng/ml
Nordiazepam	5.903	442174	∞	58.4	878.21	147769	101.3195 ng/ml
Norfentanyl	4.085	202460	543.73	34.1	1842.31	919775	9.4892 ng/ml
Norhydrocodone	3.068	63617	389.18	41.8	157.27	67305	95.2679 ng/ml
Noroxycodone	2.918	506652	2156.47	43.5	2646.47	188050	102.1525 ng/ml
O-desmethyl-tramadol	3.377	1999699	72900.76	7.1	101381.73	1172696	99.7026 ng/ml
Oxazepam	5.753	860902	∞	72.7	3505.44	477908	105.2507 ng/ml
Oxycodone	2.843	986635	2753.33	27.3	1295.81	426566	102.2644 ng/ml
Oxymorphone	1.403	436729	∞	43.1	∞	163196	101.4368 ng/ml
Phentermine	3.790	506328	∞	4.3	1045.17	596124	102.6760 ng/ml
Promethazine	5.535	875539	27642.49	27.8	3480.35	364322	99.2482 ng/ml
Quetiapine	5.559	867690	426.88	59.7	11905.95	124942	99.8752 ng/ml
Sertraline	5.772	41887	224.75	99.8	∞	19088	98.0728 ng/ml
Temazepam	5.819	1542019	116406.51	28.4	2787.79	740587	99.5817 ng/ml
Tramadol	4.251	2094711	∞	3.8	1809.90	1158584	101.6622 ng/ml
Trazodone	5.188	971624	167826.55	80.0	80795.74	430846	101.6412 ng/ml
Venlafaxine	5.048	1771502	174542.77	39.6	679.09	1001800	99.3376 ng/ml
Zolpidem	4.939	2301522	246079.81	30.7	∞	1099021	106.2068 ng/ml

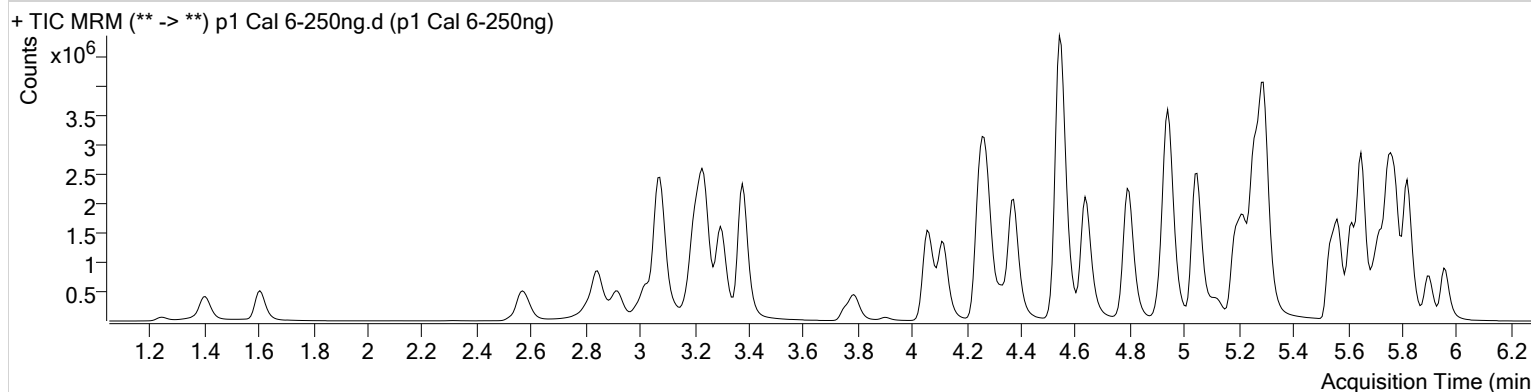
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

Instrument	Instrument 1	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-F1	Comment	
Injection Volume	2		
Acq. Date-Time	1/20/2021 1:48:54 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	59333	82584.74	70.0	2611.68	58063	24.4290 ng/ml
7-aminoclonazepam	4.277	777690	10417.71	79.4	5151.29	112916	248.6841 ng/ml
a-hydroxyalprazolam	5.695	484478	1532.29	59.6	1985.59	65039	255.3882 ng/ml
alpha-PHP	4.942	684678	42997.93	263.1	86258.32	560063	244.6507 ng/ml
alpha-PVP	4.375	3224269	147029.80	53.2	93091.45	560063	252.5216 ng/ml
Alprazolam	5.778	1526711	∞	111.4	∞	214534	252.8059 ng/ml
Amphetamine	3.078	4966931	30980.75	51.3	39341.34	272068	233.3912 ng/ml
Benzoylcegonine	3.898	84318	21538.39	8.0	∞	12529	251.3211 ng/ml
Buprenorphine	5.890	60144	87022.21	15.1	24953.89	84583	25.0340 ng/ml
Bupropion	4.793	3673958	1113.95	61.3	41416.20	492403	253.1518 ng/ml
Carisoprodol	5.727	1426684	∞	53.2	980.36	288778	255.5794 ng/ml
Citalopram	5.223	1942571	111703.26	43.2	817.03	337981	250.5319 ng/ml
Clonazepam	5.615	1780862	3607.66	33.3	630.31	91384	251.0063 ng/ml
Cocaine	4.269	2063289	50926.57	53.0	86449.83	681016	249.2261 ng/ml
Codeine	2.590	250706	7126.45	100.8	13368.86	52794	249.6821 ng/ml
Cyclobenzaprine	5.618	965158	35152.05	8.5	150.44	150800	254.2429 ng/ml
Dextromethorphan	5.266	1014256	57319.94	77.5	17221.40	190517	250.8195 ng/ml
Dextrophan	4.117	881597	3352.32	208.7	30086.80	407481	248.9685 ng/ml
Diazepam	5.956	955053	125227.73	87.9	10676.00	187793	255.3341 ng/ml
Dihydrocodeine	2.562	679564	∞	64.2	∞	166511	240.7431 ng/ml
Diphenhydramine	5.294	5268286	8640.62	34.1	1113.91	1297503	251.5257 ng/ml
Doxylamine	4.541	6706781	235502.54	97.5	138984.82	1162163	259.6264 ng/ml
EDDP	5.258	3079972	96231.50	42.6	490.74	625744	250.7656 ng/ml
Fentanyl	5.114	164162	428.59	69.0	3102052.75	301320	24.8859 ng/ml
Fluoxetine	5.703	452165	∞	9.0	669.85	73763	251.0538 ng/ml
Hydrocodone	3.020	1082422	754.66	37.6	925.92	269664	251.9420 ng/ml
Hydromorphone	1.608	812898	1702.38	72.8	∞	103952	255.0950 ng/ml
Ketamine	4.058	2225931	42210.15	37.9	18568.33	435039	255.6366 ng/ml
Lamotrigine	4.286	157263	8207.05	82.3	∞	435039	214.8144 ng/ml
Lorazepam	5.750	1186285	∞	57.7	12458.24	91384	209.8478 ng/ml
MDA	3.204	2987404	132029.40	23.3	1298.95	388297	240.5798 ng/ml
MDMA	3.298	2157461	261234.96	82.3	18161.63	91754	250.3678 ng/ml
Meprobamate	4.923	751998	25347.91	26.1	8031.52	175283	209.1674 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	3652002	1426.31	44.9	48042.99	632168	255.8491 ng/ml
Methamphetamine	3.239	4120649	2143.64	39.2	1586.93	708751	250.6391 ng/ml
Metoprolol	4.332	494728	45245.63	88.9	9312.15	1008234	262.1097 ng/ml
Mirtazapine	4.636	3738063	120507.35	46.5	107595.76	560063	258.8981 ng/ml
Mitragynine	5.241	572325	64660.48	38.9	37090.89	632168	245.0236 ng/ml
Morphine	1.246	126879	2378.28	26.3	505.55	6729	254.0400 ng/ml
Norbuprenorphine	4.991	7081	3881.21	101.3	6844.55	14277	24.6786 ng/ml
Nordiazepam	5.903	922055	1270.11	59.0	3755.06	124611	250.8517 ng/ml
Norfentanyl	4.085	464586	∞	34.2	5755.15	784965	25.4449 ng/ml
Norhydrocodone	3.068	117904	1274.23	43.5	287.06	50067	237.8732 ng/ml
Noroxycodone	2.918	1058583	2127.72	43.1	626.36	161246	249.6169 ng/ml
O-desmethyl-tramadol	3.377	4590864	92772.24	7.0	1439.89	1058199	253.8038 ng/ml
Oxazepam	5.753	1624694	∞	71.6	14547.41	367608	259.1637 ng/ml
Oxycodone	2.843	2281862	6360.84	26.9	2990.79	401036	252.2213 ng/ml
Oxymorphone	1.403	941966	3264.68	41.8	1573.93	136951	261.5353 ng/ml
Phentermine	3.790	1058272	4242.91	4.4	2707.38	559296	229.4314 ng/ml
Promethazine	5.535	2013731	75779.58	27.9	1058.14	339715	244.8567 ng/ml
Quetiapine	5.566	2000201	90372.85	60.2	∞	114832	250.8290 ng/ml
Sertraline	5.772	91195	401.03	100.9	923.28	16160	253.0529 ng/ml
Temazepam	5.819	3413683	86572.06	28.5	5811.42	642514	254.3099 ng/ml
Tramadol	4.251	4739338	∞	3.7	∞	1008234	265.6017 ng/ml
Trazodone	5.188	2219625	142664.95	81.4	∞	402911	248.7846 ng/ml
Venlafaxine	5.048	4154541	244771.58	39.6	33585.04	932192	250.3292 ng/ml
Zolpidem	4.939	5024843	15884.08	30.5	321111.59	1011879	252.8753 ng/ml

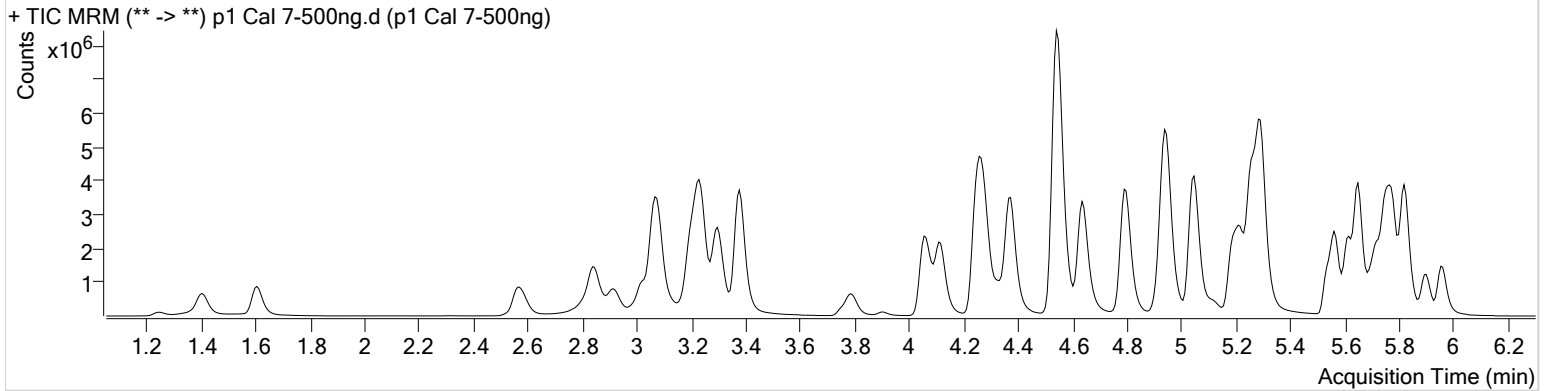
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

Instrument	Instrument 1	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-G1	Comment	
Injection Volume	2		
Acq. Date-Time	1/20/2021 1:59:29 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	121272	3159.37	69.9	14009.33	57300	50.5978 ng/ml
7-aminoclonazepam	4.283	1229478	8948.89	77.0	6388.94	84630	524.2439 ng/ml
a-hydroxyalprazolam	5.695	862681	4329.38	57.8	1161.51	58834	503.1754 ng/ml
alpha-PHP	4.942	1102866	14556.38	264.2	11186.59	514459	429.7093 ng/ml
alpha-PVP	4.375	5854196	399174.90	53.8	67415.23	514459	499.2466 ng/ml
Alprazolam	5.778	2702447	∞	114.2	∞	185988	515.9633 ng/ml
Amphetamine	3.071	7616839	88580.03	52.2	31270.35	243274	401.1751 ng/ml
Benzoylcegonine	3.898	172336	27201.10	8.4	∞	13394	481.0344 ng/ml
Buprenorphine	5.890	85307	2696.27	14.3	48635.72	60290	49.8176 ng/ml
Bupropion	4.793	6452405	463979.11	61.3	79329.15	450826	485.9097 ng/ml
Carisoprodol	5.727	2273912	63218.90	53.4	12442.02	240960	488.3626 ng/ml
Citalopram	5.216	2987483	2020.09	43.4	23820.98	260785	499.3655 ng/ml
Clonazepam	5.615	3064602	73588.52	34.1	45310.88	83757	471.7608 ng/ml
Cocaine	4.269	3592288	156644.22	53.1	97717.57	583577	506.4423 ng/ml
Codeine	2.590	434057	182087.71	100.6	24201.23	48692	469.2239 ng/ml
Cyclobenzaprine	5.618	1005184	1117.93	8.7	725.98	78822	506.6215 ng/ml
Dextromethorphan	5.266	1344925	44826.48	78.2	49282.48	126745	500.1138 ng/ml
Dextrorphan	4.117	1585801	65195.03	208.6	2160.80	360398	506.3249 ng/ml
Diazepam	5.963	1749575	11178.60	88.0	13095.23	176464	497.9189 ng/ml
Dihydrocodeine	2.562	1222195	∞	64.6	∞	170001	424.5577 ng/ml
Diphenhydramine	5.294	8163923	162100.25	34.4	1969.30	1014351	498.4808 ng/ml
Doxylamine	4.541	12462710	157822.96	96.7	290947.56	1134215	494.7099 ng/ml
EDDP	5.258	5428807	544.25	42.1	61904.87	555915	497.6084 ng/ml
Fentanyl	5.114	213895	6347.64	69.5	450905.05	197592	49.4438 ng/ml
Fluoxetine	5.703	386897	1414.39	9.2	1789.35	32133	493.4389 ng/ml
Hydrocodone	3.020	1945777	3387.38	37.8	782.79	266443	459.2717 ng/ml
Hydromorphone	1.608	1435514	590.05	75.8	852.59	98252	476.9357 ng/ml
Ketamine	4.058	4058456	182000.77	38.3	5464.18	423111	479.9180 ng/ml
Lamotrigine	4.293	225826	29578.27	83.7	35332.05	423111	317.5913 ng/ml
Lorazepam	5.743	1490719	592.50	58.2	3918.14	83757	288.0819 ng/ml
MDA	3.204	4192141	708.89	23.6	335.19	327876	400.5830 ng/ml
MDMA	3.298	3771265	13584.84	82.1	22612.01	80798	497.1323 ng/ml
Meprobamate	4.923	1019617	23563.86	26.4	28621.81	159396	312.5149 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	5336036	64475.75	45.7	52130.57	474991	497.5582 ng/ml
Methamphetamine	3.239	7183356	44633.10	38.7	3906.05	719683	440.7950 ng/ml
Metoprolol	4.332	866939	67295.56	89.8	∞	944659	490.4946 ng/ml
Mirtazapine	4.636	6054780	205387.97	46.7	90025.19	514459	456.5226 ng/ml
Mitragynine	5.241	702039	54068.11	39.9	22915.17	474991	400.2289 ng/ml
Morphine	1.246	233296	648.58	26.1	735.71	6522	482.5378 ng/ml
Norbuprenorphine	4.997	11100	34156.88	102.0	409.25	11257	49.1771 ng/ml
Nordiazepam	5.903	1638655	48519.20	58.2	55216.07	113969	487.6315 ng/ml
Norfentanyl	4.085	851044	28647.97	34.4	3849.52	653777	55.9145 ng/ml
Norhydrocodone	3.068	205476	∞	42.5	136.88	40209	516.5948 ng/ml
Noroxycodone	2.911	1743740	629.58	43.2	∞	136895	484.7824 ng/ml
O-desmethyl-tramadol	3.377	8544987	222833.87	7.0	34546.22	986275	506.9475 ng/ml
Oxazepam	5.753	2175025	49849.23	72.7	12974.98	262538	486.3661 ng/ml
Oxycodone	2.836	4311194	7362.60	27.3	5360.73	394240	485.1547 ng/ml
Oxymorphone	1.403	1641196	∞	44.3	∞	126207	494.9305 ng/ml
Phentermine	3.790	1751627	6201.25	4.3	4027.05	538940	394.5010 ng/ml
Promethazine	5.535	2258107	3140.55	27.8	29504.19	184324	506.0813 ng/ml
Quetiapine	5.559	3220332	∞	60.2	100988.38	93839	494.3890 ng/ml
Sertraline	5.772	72500	2497.18	99.3	∞	6779	480.0084 ng/ml
Temazepam	5.819	6244698	77359.76	28.0	23338.27	594184	503.1845 ng/ml
Tramadol	4.245	7880891	1210713.69	3.8	∞	944659	472.0074 ng/ml
Trazodone	5.188	3251623	∞	81.0	121665.04	310328	473.4933 ng/ml
Venlafaxine	5.048	7629591	130442.97	39.4	23220.95	841381	509.3100 ng/ml
Zolpidem	4.946	8798688	25509.58	30.1	6118.15	961223	466.7615 ng/ml

AM #28 Multi-Drug Quant. Results

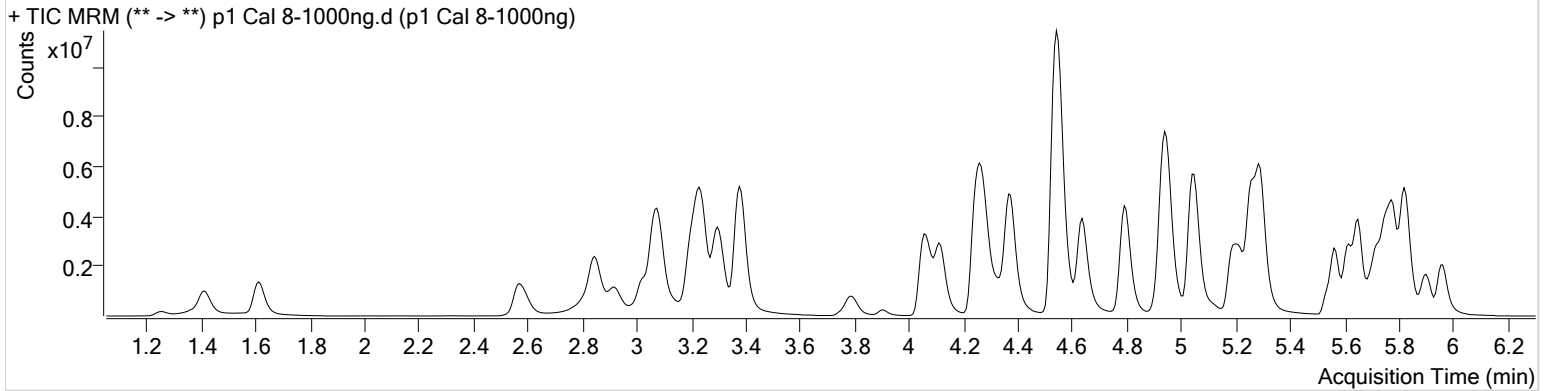


Batch results D:\MassHunter\Data\2021\AM 27-28\AM 28 P1 012021 CS\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 1/25/2021 1:59:56 PM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-H1
Injection Volume 2
Acq. Date-Time 1/20/2021 2:10:45 PM
Sample Info.

Data File p1 Cal 8-1000ng.d
Sample p1 Cal 8-1000ng
Operator Celena Shrum
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	231756	19379.20	70.7	26401.47	55075	100.6025 ng/ml
7-aminoclonazepam	4.283	1463372	17158.83	85.4	12578.82	51137	1032.3770 ng/ml
a-hydroxyalprazolam	5.695	1273530	430.64	61.7	426.89	48601	899.5860 ng/ml
alpha-PHP	4.942	1278565	8344.40	263.9	35871.39	383960	667.9946 ng/ml
alpha-PVP	4.375	8619113	1512.33	54.4	114943.32	383960	984.9698 ng/ml
Alprazolam	5.778	4221306	∞	113.0	2768.40	148804	1007.1470 ng/ml
Amphetamine	3.079	9848139	111547.74	51.4	119271.56	180616	699.5798 ng/ml
Benzoylcegonine	3.898	384557	31688.14	8.2	390.76	14105	1020.0071 ng/ml
Buprenorphine	5.890	59216	7783.49	15.0	9730.64	20818	100.1489 ng/ml
Bupropion	4.793	7663717	668444.23	62.0	99766.10	275490	944.7602 ng/ml
Carisoprodol	5.727	3208965	54358.62	52.9	23471.96	172958	960.3306 ng/ml
Citalopram	5.216	2956009	∞	43.6	654.19	128034	1006.4337 ng/ml
Clonazepam	5.615	4737701	78769.54	33.8	37991.96	69853	874.9485 ng/ml
Cocaine	4.269	5289073	93675.17	53.1	42296.24	424659	1024.7751 ng/ml
Codeine	2.590	679366	∞	100.6	21698.73	41247	867.4605 ng/ml
Cyclobenzaprine	5.618	709931	949.35	8.6	1341.99	28320	995.9393 ng/ml
Dextromethorphan	5.266	1141654	31462.40	78.4	25164.97	53591	1004.2024 ng/ml
Dextrorphan	4.117	2213620	23089.21	210.0	37384.71	253714	1003.9534 ng/ml
Diazepam	5.963	2725850	10674.70	88.0	11099.23	143295	955.4708 ng/ml
Dihydrocodeine	2.562	1984174	∞	63.9	∞	168876	694.2320 ng/ml
Diphenhydramine	5.294	8489235	72377.16	33.7	898.03	514065	1022.6925 ng/ml
Doxylamine	4.547	18725770	163732.51	97.2	∞	960796	877.8136 ng/ml
EDDP	5.258	7727508	88306.38	42.1	66119.91	392325	1003.7415 ng/ml
Fentanyl	5.114	176011	2898.75	68.9	1058.55	80441	99.9366 ng/ml
Fluoxetine	5.703	268023	26104.14	9.4	∞	11032	995.9454 ng/ml
Hydrocodone	3.020	3141805	943.94	38.7	590.16	235952	838.3158 ng/ml
Hydromorphone	1.614	2419765	∞	75.1	∞	83394	947.5494 ng/ml
Ketamine	4.058	6492674	152988.41	37.6	48934.47	360701	901.2963 ng/ml
Lamotrigine	4.293	295396	∞	81.9	19379.99	360701	487.7886 ng/ml
Lorazepam	5.743	1500378	5746.89	57.6	2631.31	69853	347.8657 ng/ml
MDA	3.204	5196840	77136.34	23.6	3806.18	233704	697.5534 ng/ml
MDMA	3.298	5286540	239188.75	83.3	132027.74	58947	955.3434 ng/ml
Meprobamate	4.916	1337447	73112.98	26.2	10176.85	143990	454.3825 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	5020558	1383.17	44.9	39204.17	221684	1003.0949 ng/ml
Methamphetamine	3.239	10183186	35874.94	38.9	53428.84	614193	741.8872 ng/ml
Metoprolol	4.332	1229572	206809.85	91.0	∞	775097	848.0790 ng/ml
Mirtazapine	4.636	6806304	123562.91	46.8	66702.95	383960	687.6036 ng/ml
Mitragynine	5.241	495640	30356.03	39.8	16401.50	221684	605.6077 ng/ml
Morphine	1.253	403397	1810.64	25.9	255.63	6117	890.2882 ng/ml
Norbuprenorphine	4.991	8965	2009.33	101.2	152.46	4440	100.8407 ng/ml
Nordiazepam	5.903	2461845	14403.37	58.7	721.83	89104	937.2283 ng/ml
Norfentanyl	4.085	1372164	27545.54	34.0	17997.08	459938	128.0940 ng/ml
Norhydrocodone	3.068	369491	557.43	41.7	∞	26401	1415.4175 ng/ml
Noroxycodone	2.918	2549898	∞	42.6	∞	101001	961.3172 ng/ml
O-desmethyl-tramadol	3.377	13766366	∞	7.3	2584.33	821986	980.0375 ng/ml
Oxazepam	5.753	2138361	∞	74.3	17973.43	149069	842.6102 ng/ml
Oxycodone	2.843	7693461	9308.71	26.8	2224.18	366408	931.9473 ng/ml
Oxymorphone	1.410	2879654	399.67	42.4	3824.88	113693	964.4886 ng/ml
Phentermine	3.790	2360437	2044.67	4.4	3443.29	435067	658.9210 ng/ml
Promethazine	5.535	1613286	2999.71	27.7	1282.93	66291	1005.3754 ng/ml
Quetiapine	5.559	3817106	∞	59.3	2535.06	55972	982.6835 ng/ml
Sertraline	5.772	61811	1757.10	98.0	∞	2717	1021.8751 ng/ml
Temazepam	5.819	9287790	47534.07	28.4	483.66	452580	982.6761 ng/ml
Tramadol	4.245	11604640	700711.30	3.9	∞	775097	847.7189 ng/ml
Trazodone	5.188	3925483	101627.89	81.3	111561.63	182375	973.0252 ng/ml
Venlafaxine	5.048	11535160	88575.94	39.8	1864.57	641096	1010.5666 ng/ml
Zolpidem	4.939	14097497	221552.06	30.5	132716.71	845140	851.1955 ng/ml