

Worklist: 4698

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2020-3796	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-4730	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-4817	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-4830	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-4921	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-4999	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3377	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3644	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3650	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3656	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3657	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3664	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3672	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3707	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3710	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3742	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3744	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3754	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3762	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3763	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3766	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 12/30/2020

Plate lot#: IDP-111-2-200513

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

Blank Blood Lot: Lampire 20L20725

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

Analyst: Sophia Jackson

Plate Expiration: 11/13/2020

Mobile phase B: 0.01% Formic Acid in MeOH

LCMS-QQQ ID: 066901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. 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 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). *(Load at 85-100 PSI- Selector to the right)*
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. **If run contains urine, add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying (optional)**. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

Post-Analytic

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

COMMENTS:

Due to extraction occurring after the expiration of the analytical plate, an external control was included with this run.

Curves limited: Amphetamine 5-500, Dihydrocodeine 5-500, Lamotrigine 5-250, Lorazepam 5-250, MDA 5-500, Meprobamate 5-250, Norbuprenorphine 2.5-100, Norfentanyl 0.5-50, Phentermine 5-500

The blank for this run was made using ISTD solution from an AM 25 plate (lot # IDP-107-2-200511), which contained some but not all of the ISTD's used in this method. Data were checked to ensure that either, 1) a sample with a positive

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response for a drug did not immediately follow another sample with a positive response for that same drug; or 2) the correct ISTD for a drug was present in the blank so that any potential carryover could be detected. Sample P2020-3762-1 was the sole sample that needed to be reinjected using these criteria. A new blank was made using ISTD solution from an AM 28 plate (lot # IDP-111-2-200513) and was used as the blank for this sample reinjection.



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	

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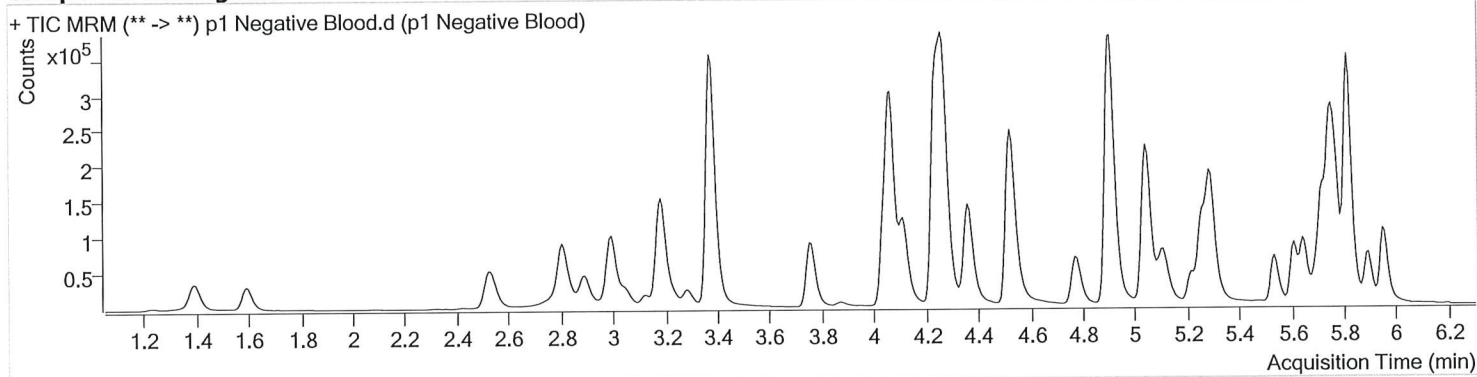


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 PM

Instrument	Instrument 1	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Sophia Jackson
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 10:36:19 PM		
Sample Info.			

Sample Chromatogram



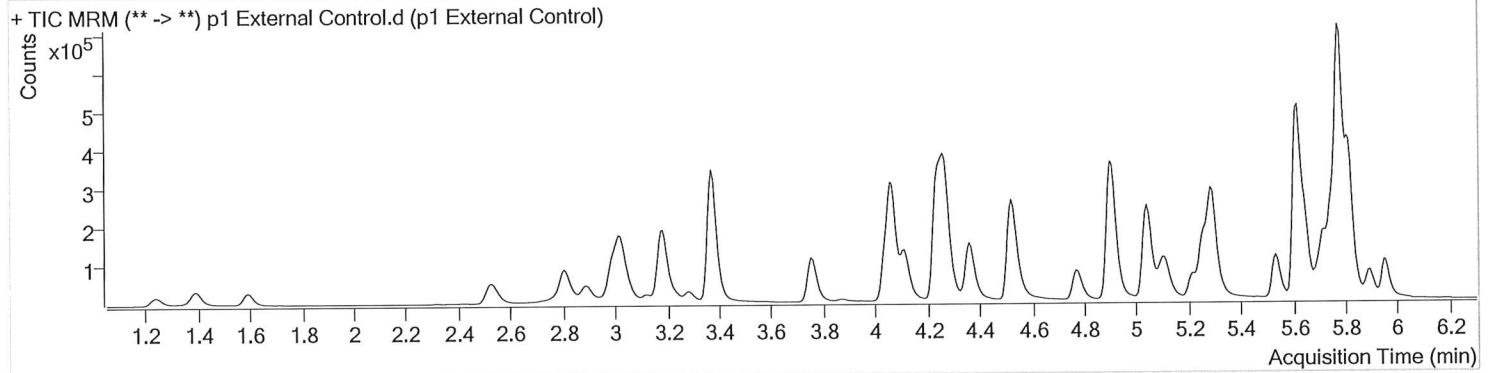


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 PM

Instrument	Instrument 1	Data File	p1 External Control.d
Type	Sample	Sample	p1 External Control
Acq. Method	AM 28 MDQ P1.m	Operator	Sophia Jackson
Sample Position	P2-G2	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 10:57:33 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.778	578169	1214.95	115.3	1831.47	201937	95.2249 ng/ml
Clonazepam	5.615	728830	20128.76	33.5	11681.96	88508	101.5702 ng/ml
Hydrocodone	3.020	269502	∞	37.6	∞	195820	85.7069 ng/ml
Morphine	1.240	42409	28837.21	26.6	7959.40	6258	91.2513 ng/ml

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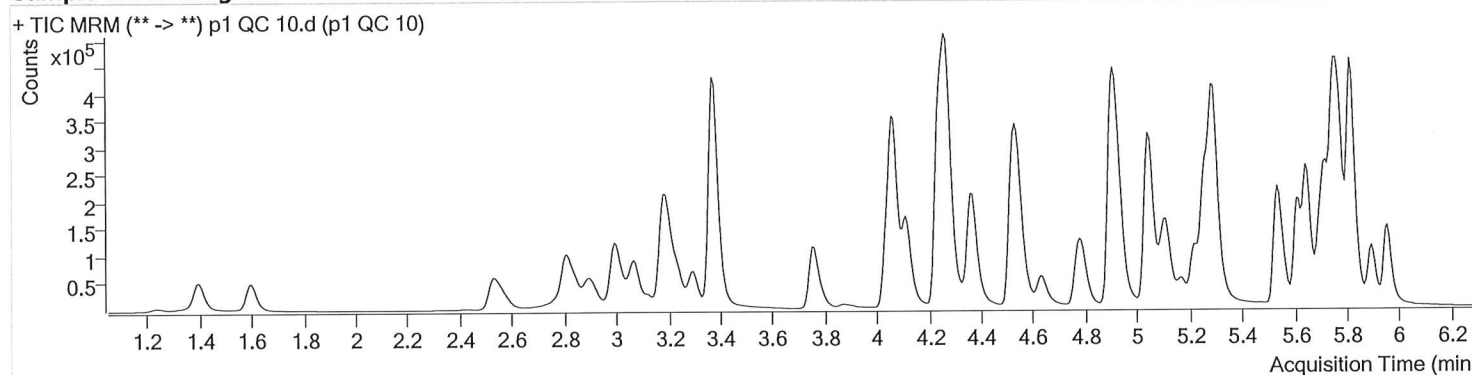


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 PM

Instrument	Instrument 1	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Sophia Jackson
Sample Position	P2-A2	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 9:00:52 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	1851	7813.83	66.1	∞	36723	1.1051 ng/ml
7-aminoclonazepam	4.277	46284	255.75	82.1	1293.13	177320	9.4222 ng/ml
a-hydroxyalprazolam	5.695	22901	206.18	57.5	273.45	64473	10.1162 ng/ml
alpha-PPH	4.942	20443	2209.37	272.3	10914.98	413488	10.2475 ng/ml
alpha-PVP	4.375	94533	4932.92	52.5	2728.38	413488	9.9364 ng/ml
Alprazolam	5.778	71073	449.03	114.0	665.70	237612	10.0655 ng/ml
Amphetamine	3.071	127581	2337.28	52.3	2039.90	129468	10.2923 ng/ml
Benzoylcegonine	3.905	3896	∞	7.1	∞	12876	10.3754 ng/ml
Buprenorphine	5.850	1370	52.12	15.7	1563.46	45644	1.0578 ng/ml
Bupropion	4.793	80329	6066.23	60.4	171.88	264566	9.7855 ng/ml
Carisoprodol	5.727	62769	384.39	53.0	379.54	318329	10.0827 ng/ml
Citalopram	5.216	46147	4437.43	43.3	70681.07	198289	10.2981 ng/ml
Clonazepam	5.615	90895	4429.13	32.8	291.03	104249	10.0225 ng/ml
Cocaine	4.263	73978	452.25	51.5	∞	589456	10.1143 ng/ml
Codeine	2.583	9721	1466.28	99.3	1754.67	46381	10.0317 ng/ml
Cyclobenzaprine	5.618	39796	235.23	9.6	185.07	150065	10.1962 ng/ml
Dextromethorphan	5.266	26819	428.32	80.0	395.73	124147	9.9853 ng/ml
Dextrorphan	4.117	23041	6961.51	206.8	877.63	279723	9.7983 ng/ml
Diazepam	5.956	48739	1559.08	84.7	310.33	230518	10.3698 ng/ml
Dihydrocodeine	2.562	25365	991.36	62.4	1075.72	133393	10.1075 ng/ml
Diphenhydramine	5.294	110539	347.16	33.6	1469.46	720165	10.0220 ng/ml
Doxylamine	4.541	186668	4567.41	97.7	9223.21	790650	10.1631 ng/ml
EDDP	5.258	67553	593.61	42.6	1415.97	353106	9.9945 ng/ml
Fentanyl	5.107	4316	∞	66.0	∞	188761	1.0020 ng/ml
Fluoxetine	5.703	44198	2368.39	9.0	3231.05	165194	10.4822 ng/ml
Hydrocodone	3.020	37850	383.81	37.4	124.17	214501	10.0392 ng/ml
Hydromorphone	1.608	29810	125.69	74.5	257.66	95210	9.9869 ng/ml
Ketamine	4.058	76080	13795.34	38.4	175.47	346827	10.2312 ng/ml
Lamotrigine	4.286	7947	745.85	81.8	12761.04	346827	11.2223 ng/ml
Lorazepam	5.750	79867	∞	57.3	∞	104249	10.6001 ng/ml
MDA	3.211	105687	3871.36	22.1	464.08	255350	10.5024 ng/ml
MDMA	3.298	64298	3203.26	74.6	1963.02	62767	10.2906 ng/ml
Meprobamate	4.929	36741	207.87	26.8	434.47	158212	10.2666 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	85841	762.44	45.7	1480.45	372036	10.0755 ng/ml
Methamphetamine	3.239	81961	346.00	39.7	185.03	308484	11.3081 ng/ml
Metoprolol	4.332	14400	42199.44	90.9	1011.22	814364	9.8804 ng/ml
Mirtazapine	4.629	87537	2067.28	47.3	1981.96	413488	10.0052 ng/ml
Mitragynine	5.241	15904	3513.83	39.8	1598.92	372036	10.5294 ng/ml
Morphine	1.246	5222	554.34	25.5	1134.72	6561	10.2362 ng/ml
Norbuprenorphine	4.991	164	87.44	122.1 High	75.55	7077	0.6497 ng/ml
Nordiazepam	5.903	47404	2125.94	59.1	1932.15	149779	10.3665 ng/ml
Norfentanyl	4.085	14382	2665.63	34.6	100.38	654712	0.9774 ng/ml
Norhydrocodone	3.068	4997	109.79	41.9	67.50	49225	10.1999 ng/ml
Noroxycodone	2.911	39611	303.71	42.7	570.10	136851	10.4009 ng/ml
O-desmethyl-tramadol	3.377	160451	5793.68	7.1	1309.48	923116	10.0498 ng/ml
Oxazepam	5.753	90105	2881.46	71.9	∞	513433	10.1321 ng/ml
Oxycodone	2.843	78426	1985.93	27.0	603.18	316865	10.3594 ng/ml
Oxymorphone	1.403	34567	1227.20	43.7	283.86	121008	10.1717 ng/ml
Phentermine	3.790	27093	∞	3.7	41.79	302928	10.4731 ng/ml
Promethazine	5.535	81598	3656.73	27.1	620.38	331361	10.2447 ng/ml
Quetiapine	5.552	54065	4557.57	56.5	206.41	68638	10.5325 ng/ml
Sertraline	5.772	22807	491.83	101.0	397.08	95645	10.5999 ng/ml
Temazepam	5.819	149796	1402.93	30.2	268.76	729552	9.9326 ng/ml
Tramadol	4.251	158598	1195.86	3.6	597.07	814364	10.0123 ng/ml
Trazodone	5.168	61881	936.29	80.5	1180.84	257798	10.1376 ng/ml
Venlafaxine	5.041	123034	616.06	40.3	355.96	659645	10.5747 ng/ml
Zolpidem	4.926	196980	∞	31.1	6367.79	918913	10.4019 ng/ml

44/2/20

*Outside curve range

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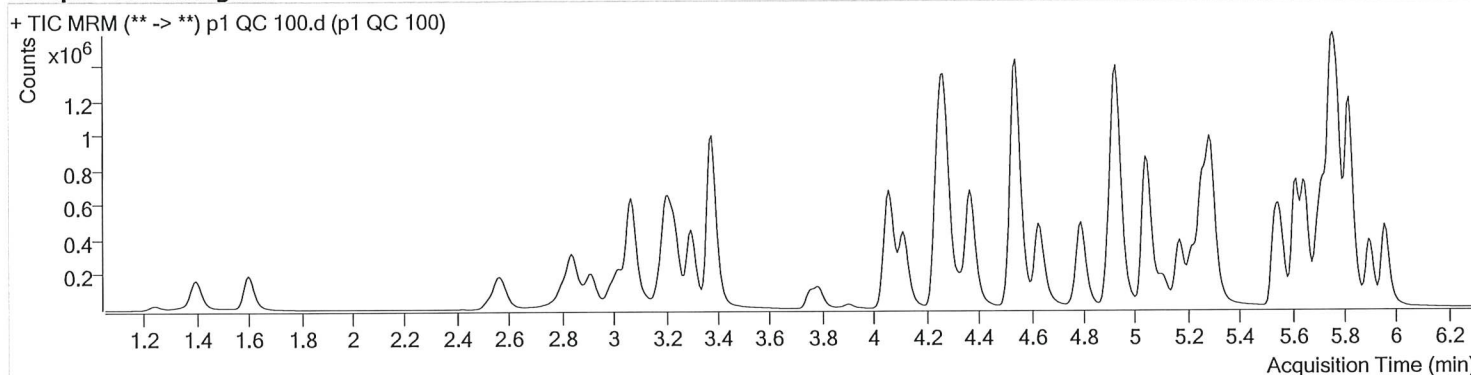


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 PM

Instrument	Instrument 1	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Sophia Jackson
Sample Position	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 9:22:03 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	17340	1116.21	71.1	17037.93	35654	10.6212 ng/ml
7-aminoclonazepam	4.277	420318	19331.48	81.8	∞	149695	99.5969 ng/ml
a-hydroxyalprazolam	5.695	201333	1752.10	61.0	934.78	58019	104.3457 ng/ml
alpha-PHP	4.942	184259	46972.55	267.1	47791.12	373715	107.8570 ng/ml
alpha-PVP	4.375	891912	220533.33	53.1	19101.56	373715	105.2695 ng/ml
Alprazolam	5.778	639876	13236.97	114.2	∞	202503	105.0800 ng/ml
Amphetamine	3.071	1112838	39329.47	52.0	6290.90	116100	107.3451 ng/ml
Benzoylcegonine	3.898	37237	206.25	7.9	449.30	12216	105.9154 ng/ml
Buprenorphine	5.850	10815	∞	15.0	4272.79	35906	9.8051 ng/ml
Bupropion	4.793	736708	51746.56	60.6	1202.59	232617	103.9914 ng/ml
Carisoprodol	5.727	567146	72701.98	52.4	356.28	278157	107.1325 ng/ml
Citalopram	5.216	394554	1714.43	44.6	10880.81	168118	103.9287 ng/ml
Clonazepam	5.615	822724	2014.94	33.3	374917.82	93177	108.9690 ng/ml
Cocaine	4.263	709313	52138.23	52.0	94983.53	531983	107.6210 ng/ml
Codeine	2.583	91739	3616.29	99.9	11224.42	42672	108.4226 ng/ml
Cyclobenzaprine	5.618	311475	188691.11	8.9	1196.11	112372	104.9633 ng/ml
Dextromethorphan	5.266	219471	8531.95	78.8	491.17	97078	105.5089 ng/ml
Dextrorphan	4.117	224865	1275.88	208.5	2266.15	263709	101.7693 ng/ml
Diazepam	5.956	440454	1474.85	86.7	8675.60	203661	108.1953 ng/ml
Dihydrocodeine	2.555	243109	89644.19	63.7	3058.60	129502	104.9245 ng/ml
Diphenhydramine	5.294	977278	23291.34	33.4	18233.58	615229	102.9237 ng/ml
Doxylamine	4.541	1810178	225491.63	98.3	631086.68	749207	106.8763 ng/ml
EDDP	5.258	660645	457.33	43.0	53767.49	337885	101.9001 ng/ml
Fentanyl	5.107	32402	3355.51	69.8	46776.83	149437	9.8224 ng/ml
Fluoxetine	5.703	327575	55630.36	8.9	4601.07	120160	107.1215 ng/ml
Hydrocodone	3.020	353981	∞	38.4	∞	200651	110.1695 ng/ml
Hydromorphone	1.601	282447	15719.54	76.1	1462.65	90397	102.2672 ng/ml
Ketamine	4.058	720393	∞	38.7	774.87	330042	107.3614 ng/ml
Lamotrigine	4.286	71885	2947.05	81.3	1905.96	330042	110.2941 ng/ml
Lorazepam	5.750	634398	∞	58.4	4001.25	93177	104.2664 ng/ml
MDA	3.204	998569	45935.60	21.9	∞	238172	111.3186 ng/ml
MDMA	3.298	618689	125084.89	75.4	37794.10	58169	109.0725 ng/ml
Meprobamate	4.929	313382	13006.17	26.1	∞	137851	106.1611 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	714761	4520.21	45.5	957.04	298281	104.0483 ng/ml
Methamphetamine	3.239	641336	1002.70	40.1	1033.60	262711	112.4331 ng/ml
Metoprolol	4.332	137245	∞	90.3	5162.16	767988	103.0422 ng/ml
Mirtazapine	4.629	816524	68728.99	47.6	202475.45	373715	96.1689 ng/ml
Mitragynine	5.241	125156	16093.79	38.4	3677.23	298281	110.8555 ng/ml
Morphine	1.240	48777	1918.58	25.6	185.71	6580	99.8658 ng/ml
Norbuprenorphine	4.991	1215	∞	92.6	757.39	5667	9.8180 ng/ml
Nordiazepam	5.903	434282	13686.20	58.6	917.92	131059	111.7429 ng/ml
Norfentanyl	4.085	140141	15940.46	34.5	7110.23	603561	10.0133 ng/ml
Norhydrocodone	3.068	41498	153.99	42.2	124.49	42029	102.5717 ng/ml
Noroxycodone	2.911	381718	834.16	43.1	∞	127059	110.2884 ng/ml
O-desmethyl-tramadol	3.377	1583500	48825.12	7.1	10776.02	880427	104.8944 ng/ml
Oxazepam	5.753	768591	18035.97	73.1	∞	420673	109.3720 ng/ml
Oxycodone	2.836	767603	3075.46	27.0	41529.09	306357	108.9806 ng/ml
Oxymorphone	1.396	332640	2308.74	42.5	∞	114883	104.8959 ng/ml
Phentermine	3.790	249510	∞	3.8	772.87	270777	111.2712 ng/ml
Promethazine	5.535	627802	71140.21	27.9	104167.00	249118	104.3200 ng/ml
Quetiapine	5.552	504277	24855.00	58.9	∞	63653	108.1301 ng/ml
Sertraline	5.772	145421	16521.73	101.3	∞	62256	103.6186 ng/ml
Temazepam	5.819	1423658	38016.85	28.9	1697.81	659044	105.7762 ng/ml
Tramadol	4.251	1528854	42201.65	3.7	1745.00	767988	108.7125 ng/ml
Trazodone	5.168	568917	∞	80.0	46048.62	227079	108.4320 ng/ml
Venlafaxine	5.041	1173949	59159.47	41.0	570.97	607333	110.0168 ng/ml
Zolpidem	4.926	1855256	47697.11	31.2	83771.54	864916	111.1000 ng/ml

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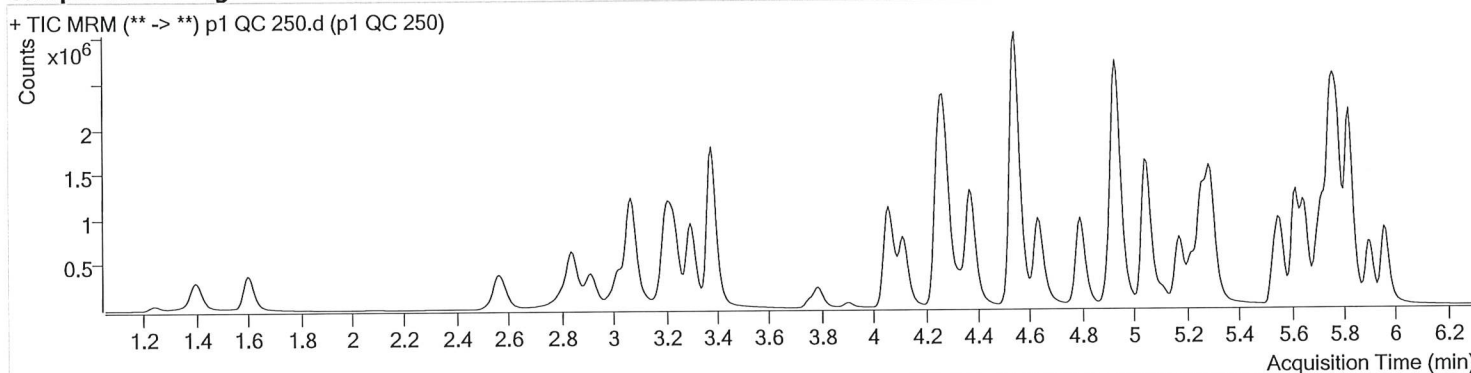


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 PM

Instrument	Instrument 1	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Sophia Jackson
Sample Position	P2-C2	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 9:43:16 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	39669	108398.92	71.5	6256.19	34765	24.9129 ng/ml
7-aminoclonazepam	4.277	812152	27964.53	81.3	84297.25	120065	239.6824 ng/ml
a-hydroxyalprazolam	5.695	426361	1457.25	60.3	780.39	51646	249.1067 ng/ml
alpha-PHP	4.942	382182	6247.80	266.5	115511.60	341650	245.5098 ng/ml
alpha-PVP	4.375	1946212	1088.00	53.1	16908.68	341650	251.4902 ng/ml
Alprazolam	5.778	1351851	∞	113.5	∞	170906	262.8454 ng/ml
Amphetamine	3.071	2250150	54344.17	51.9	18773.16	102863	246.0454 ng/ml
Benzoylcegonine	3.898	87017	1749.40	7.9	333.24	11457	264.1296 ng/ml
Buprenorphine	5.850	20118	2083.44	14.7	∞	26276	24.7857 ng/ml
Bupropion	4.793	1557856	121223.58	60.8	∞	205027	249.7778 ng/ml
Carisoprodol	5.727	1126842	∞	52.8	382.49	233433	254.0605 ng/ml
Citalopram	5.216	733270	2688.92	44.8	687.60	131357	247.2145 ng/ml
Clonazepam	5.615	1723093	6237.63	33.0	68237.37	82525	258.7974 ng/ml
Cocaine	4.263	1502380	266144.12	51.6	∞	471282	257.3339 ng/ml
Codeine	2.583	188146	6849.67	106.6	16190.62	39185	242.8838 ng/ml
Cyclobenzaprine	5.618	461095	30635.53	9.1	∞	69242	251.9287 ng/ml
Dextromethorphan	5.266	369789	2330.40	79.4	27690.92	69526	248.3661 ng/ml
Dextrophan	4.117	481729	1618.39	206.9	5169.35	233058	246.7460 ng/ml
Diazepam	5.956	940828	14062.56	86.9	2380.52	182014	258.9155 ng/ml
Dihydrocodeine	2.555	540817	558.93	62.9	4940.65	123541	245.4490 ng/ml
Diphenhydramine	5.294	1853425	70809.73	33.3	409.61	476254	252.0338 ng/ml
Doxylamine	4.541	4135711	275145.42	96.9	575375.19	707068	259.1744 ng/ml
EDDP	5.258	1427843	631.31	43.0	791.14	304329	244.4812 ng/ml
Fentanyl	5.107	54065	4104.01	67.4	70879.52	97744	25.1153 ng/ml
Fluoxetine	5.703	452719	42896.69	8.9	3738.43	68686	259.0398 ng/ml
Hydrocodone	3.020	770856	∞	37.9	1180.52	190621	253.9441 ng/ml
Hydromorphone	1.601	622738	∞	72.7	∞	81685	249.9442 ng/ml
Ketamine	4.058	1595182	3232.19	39.4	7903.34	311718	252.5420 ng/ml
Lamotrigine	4.286	140760	20725.14	80.6	175725.41	311718	229.1224 ng/ml
Lorazepam	5.750	1094332	5031.47	58.2	3522.08	82525	204.2834 ng/ml
MDA	3.204	1977736	121791.55	21.4	28353.93	205947	255.6695 ng/ml
MDMA	3.298	1338254	403277.76	76.0	14460.51	52905	259.7327 ng/ml
Meprobamate	4.929	564579	55768.55	26.2	1100.38	123330	214.4263 ng/ml

51



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	1259058	∞	45.9	1696.83	219762	248.6795 ng/ml
Methamphetamine	3.239	1293659	1571.79	40.2	1437.99	232090	258.0512 ng/ml
Metoprolol	4.332	296600	1117068.75	90.2	7542.35	694719	246.6572 ng/ml
Mirtazapine	4.629	1662757	12499.52	47.7	164395.37	341650	213.2832 ng/ml
Mitragynine	5.241	206308	17269.73	39.0	273232.91	219762	249.0770 ng/ml
Morphine	1.246	105421	523.16	25.8	237.37	5558	256.3817 ng/ml
Norbuprenorphine	4.991	2246	689.26	93.5	4095.11	4186	25.2740 ng/ml
Nordiazepam	5.903	897966	13099.32	59.5	28825.64	116317	260.7848 ng/ml
Norfentanyl	4.085	320851	2517.98	34.1	645.54	555863	24.8433 ng/ml
Norhydrocodone	3.068	79701	328.05	42.1	∞	32869	252.4542 ng/ml
Noroxycodone	2.911	809556	1541.29	42.3	1408.17	111343	267.2722 ng/ml
O-desmethyl-tramadol	3.377	3549628	124996.76	7.1	1090.63	821942	252.0012 ng/ml
Oxazepam	5.753	1425173	66641.53	74.6	∞	330287	258.8670 ng/ml
Oxycodone	2.836	1711019	4162.13	27.0	1613.46	292753	254.8110 ng/ml
Oxymorphone	1.396	714071	1585.72	42.2	∞	103602	249.9676 ng/ml
Phentermine	3.790	522583	17865.80	3.7	6522.96	249789	253.0921 ng/ml
Promethazine	5.535	932769	41036.97	27.8	3456.91	157264	245.4477 ng/ml
Quetiapine	5.552	1040667	218960.55	59.1	33382.11	54818	259.4481 ng/ml
Sertraline	5.772	184646	7633.08	99.8	23993.13	32026	255.7186 ng/ml
Temazepam	5.819	3033588	56195.52	29.5	981.90	590066	251.9254 ng/ml
Tramadol	4.251	3235676	188773.67	3.8	11594.78	694719	255.2705 ng/ml
Trazodone	5.168	1127473	13912.95	80.7	146966.30	190022	257.1751 ng/ml
Venlafaxine	5.041	2633340	121414.91	39.9	3213.18	554738	270.2476 ng/ml
Zolpidem	4.926	4108334	8483.87	30.6	6459.17	817800	261.2422 ng/ml

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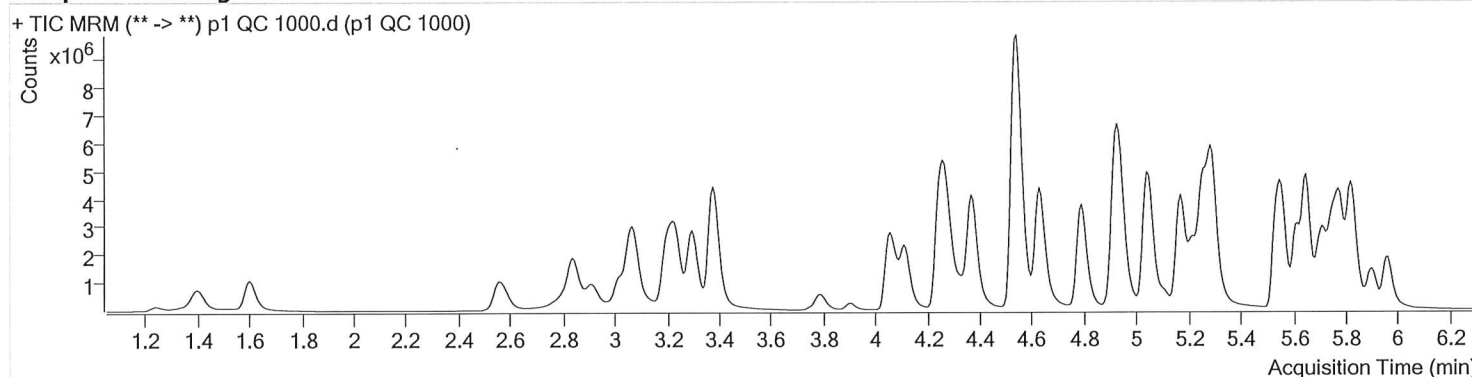


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 PM

Instrument	Instrument 1	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Sophia Jackson
Sample Position	P2-D2	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 10:04:30 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	163089	1372.22	72.4	39734.63	35187	101.1778 ng/ml
7-aminoclonazepam	4.283	1411407	23734.05	81.1	24086.21	49622	1007.2745 ng/ml
a-hydroxyalprazolam	5.695	974052	336.83	59.1	381.66	32747	899.1862 ng/ml
alpha-PHP	4.942	1210614	71814.23	268.9	∞	305363	871.7073 ng/ml
alpha-PVP	4.369	7052291	1206.89	52.8	211363.94	305363	1020.0911 ng/ml
Alprazolam	5.778	3378784	∞	111.9	∞	108575	1033.7073 ng/ml
Amphetamine	3.071	6169407	141763.41	53.2	37683.68	94911	732.7561 ng/ml *
Benzoylcegonine	3.905	408878	83572.62	8.1	1706.32	12371	1149.9798 ng/ml
Buprenorphine	5.850	105882	8738.39	14.5	31647.45	30296	112.8173 ng/ml
Bupropion	4.793	6479122	1102400.24	60.4	37206.73	220902	964.7548 ng/ml
Carisoprodol	5.727	2322086	∞	52.6	28923.80	122534	998.2717 ng/ml
Citalopram	5.216	3316426	1265.07	44.3	∞	144166	1018.7878 ng/ml
Clonazepam	5.615	3291921	52149.22	33.6	37237.73	49511	825.9014 ng/ml
Cocaine	4.263	4458235	234501.45	51.5	107000.42	345950	1040.3249 ng/ml
Codeine	2.583	580140	16180.46	101.2	16319.88	31545	931.9905 ng/ml
Cyclobenzaprine	5.618	2726855	132975.04	9.0	∞	97455	1058.0174 ng/ml
Dextromethorphan	5.266	1486335	73914.97	79.3	72330.36	68969	1006.6652 ng/ml
Dextrorphan	4.117	1712950	1525.65	207.8	272325.45	205084	997.1811 ng/ml
Diazepam	5.963	2487285	6045.48	88.2	8082.60	129441	963.1397 ng/ml
Dihydrocodeine	2.555	1700268	63617.56	64.1	1193.68	124898	764.4968 ng/ml *
Diphenhydramine	5.294	8422384	1072409.56	34.1	1077.18	533598	1021.9575 ng/ml
Doxylamine	4.541	15247590	494407.53	96.7	431537.47	737132	917.3439 ng/ml
EDDP	5.258	6161355	312644.43	42.0	62443.93	319733	1004.0645 ng/ml
Fentanyl	5.107	358841	29048.20	67.7	∞	159389	102.3424 ng/ml
Fluoxetine	5.703	2377800	242243.60	9.1	5641.36	92863	1006.4315 ng/ml
Hydrocodone	3.020	2505606	∞	38.1	757.09	189779	831.5551 ng/ml
Hydromorphone	1.601	1951665	421.48	75.3	1252.79	68696	932.2272 ng/ml
Ketamine	4.058	5355468	277245.05	38.6	5051.12	285575	927.1240 ng/ml
Lamotrigine	4.293	295543	∞	82.6	31155.63	285575	525.6630 ng/ml *
Lorazepam	5.743	1385273	6214.45	58.4	4500.12	49511	432.4444 ng/ml *
MDA	3.204	4943570	56738.19	20.9	21725.24	172911	762.2411 ng/ml *
MDMA	3.298	4494745	413943.36	75.1	141882.50	47047	981.6289 ng/ml
Meprobamate	4.936	840852	52321.38	26.1	6666.84	81156	486.1263 ng/ml *

p1 QC 1000

*Outside curve range

Generated at 3:31 PM on 12/31/2020

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5J

55



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	6689186	13585.74	44.5	1228.25	279367	1039.1101 ng/ml
Methamphetamine	3.239	4631193	14613.83	39.5	35582.44	237275	906.2236 ng/ml
Metoprolol	4.332	948215	4053792.25	90.3	∞	605189	906.1387 ng/ml
Mirtazapine	4.629	7900143	596791.06	47.1	∞	305363	1130.4956 ng/ml
Mitragynine	5.235	975587	50766.09	39.3	45624.21	279367	928.8504 ng/ml
Morphine	1.246	356249	10355.78	26.1	666.87	4948	974.7113 ng/ml
Norbuprenorphine	4.991	11668	229.66	97.4	6428.88	5389	103.3774 ng/ml
Nordiazepam	5.903	2197400	16581.61	60.3	∞	76489	971.3797 ng/ml
Norfentanyl	4.085	1145854	216980.80	34.7	45742.39	393674	125.1419 ng/ml *
Norhydrocodone	3.068	244002	110.36	42.9	207.53	21492	1183.4311 ng/ml
Noroxycodone	2.911	2106369	∞	42.4	10833.83	78830	982.8909 ng/ml
O-desmethyl-tramadol	3.377	11339843	296275.84	7.1	87103.01	653329	1013.1197 ng/ml
Oxazepam	5.753	1943093	9150.00	69.6	72.62	130766	892.4638 ng/ml
Oxycodone	2.836	6021461	20362.50	27.0	5720.23	283628	926.7712 ng/ml
Oxymorphone	1.396	2136763	1592.21	43.9	∞	84848	913.8448 ng/ml
Phentermine	3.790	1538686	22315.74	3.9	4502.97	247595	752.5189 ng/ml *
Promethazine	5.535	6036887	2422.82	28.2	1439.02	248504	1005.1248 ng/ml
Quetiapine	5.552	4759768	198981.22	59.4	331791.49	62004	1049.8684 ng/ml
Sertraline	5.772	815554	64243.06	100.5	32565.90	36566	989.1766 ng/ml
Temazepam	5.819	7902779	61218.64	29.5	∞	389964	993.4441 ng/ml
Tramadol	4.245	9464144	466144.47	3.9	12090.75	605189	858.7343 ng/ml
Trazodone	5.168	6253114	875434.71	80.4	509150.82	308097	880.3759 ng/ml
Venlafaxine	5.041	9637084	226866.85	40.4	119646.42	510107	1075.6759 ng/ml
Zolpidem	4.926	12293628	402055.65	31.3	182420.47	787710	813.2336 ng/ml

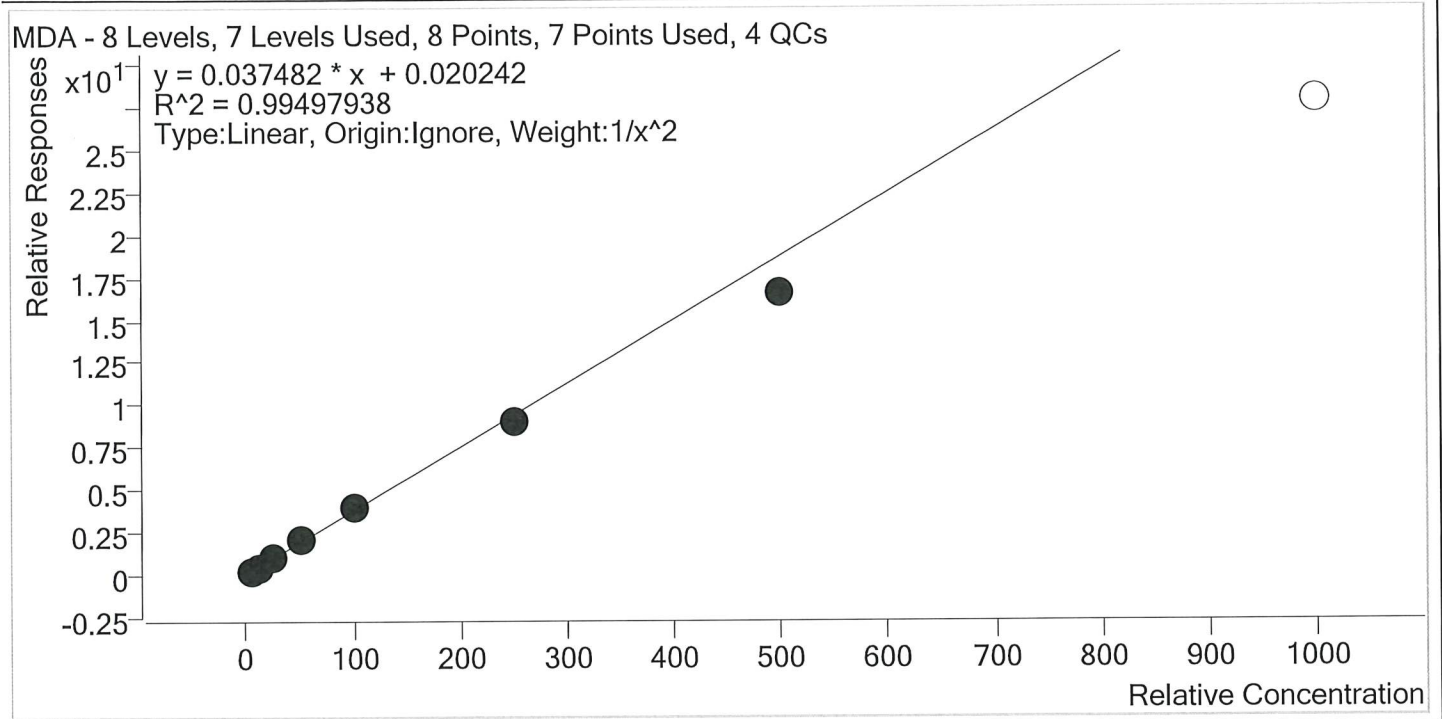
1/14/20
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*Outside curve range



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



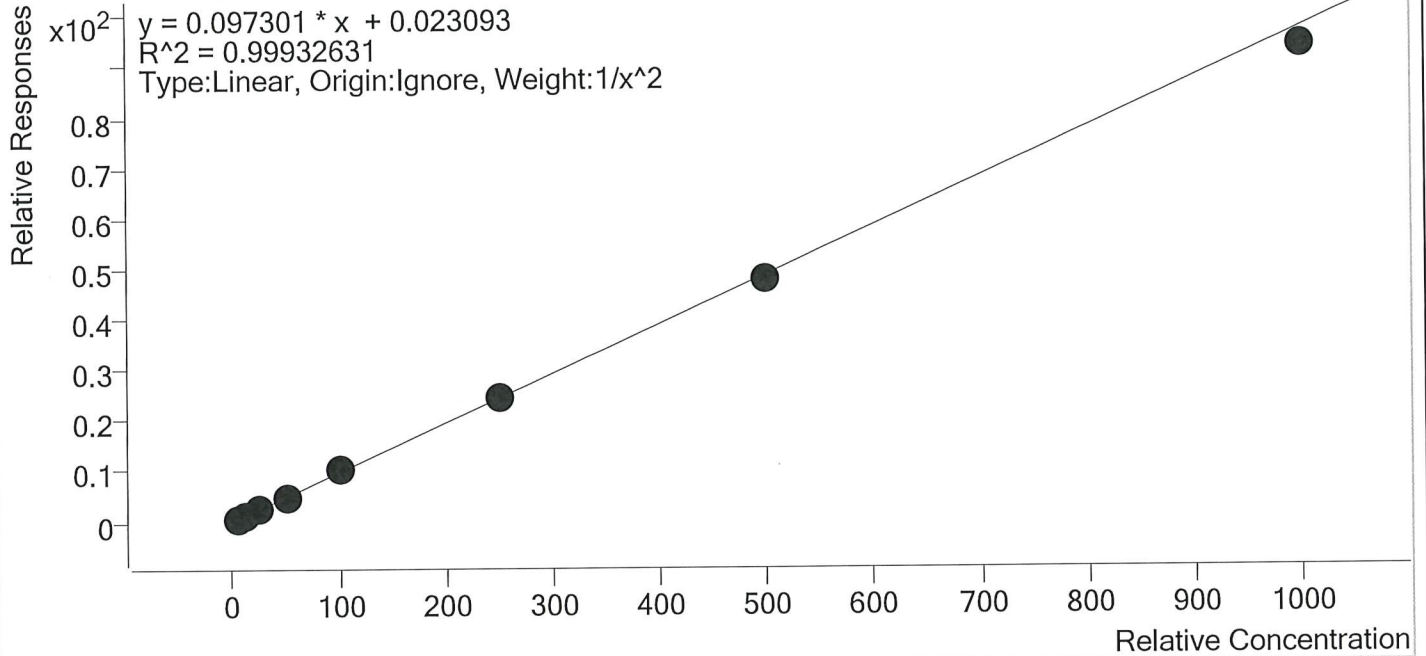
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	242.8	97.1
p1 Cal 7-500ng	7	✓	500.0	444.6	88.9
p1 Cal 8-1000ng	8	×	1000.0	745.1	74.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



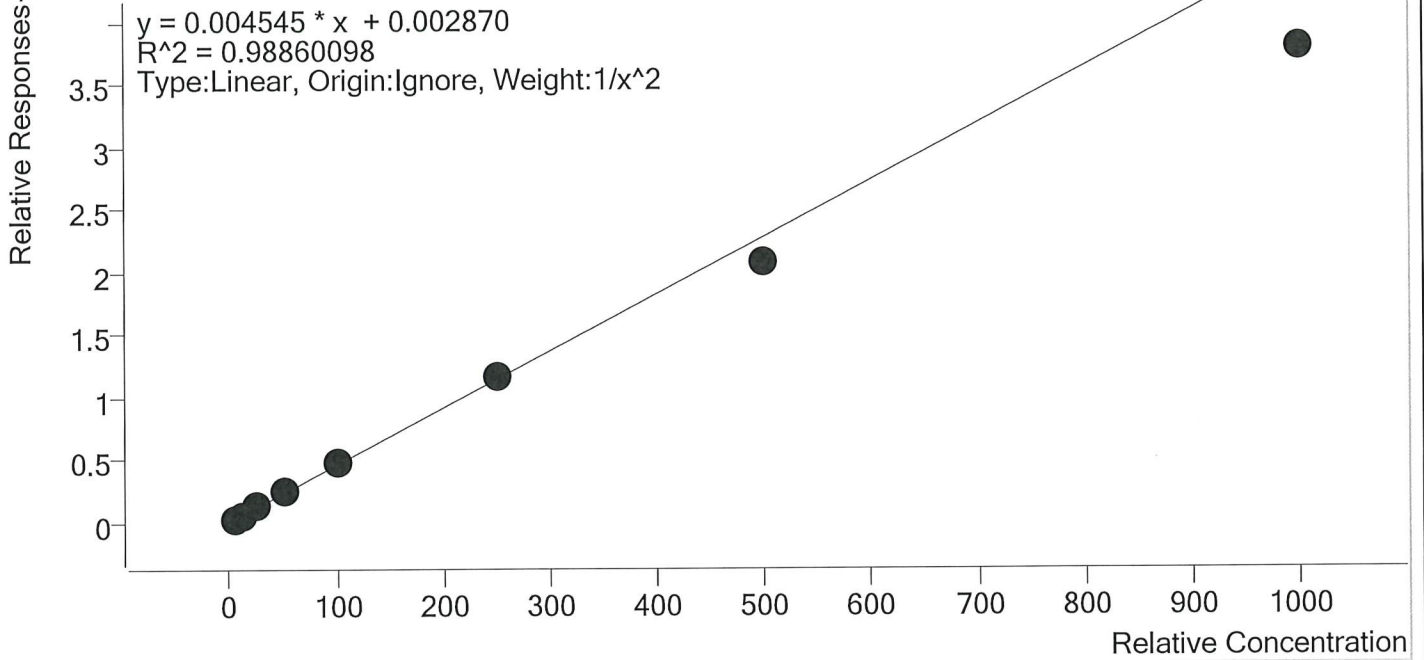
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	489.5	97.9
p1 Cal 8-1000ng	8	✓	1000.0	963.5	96.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

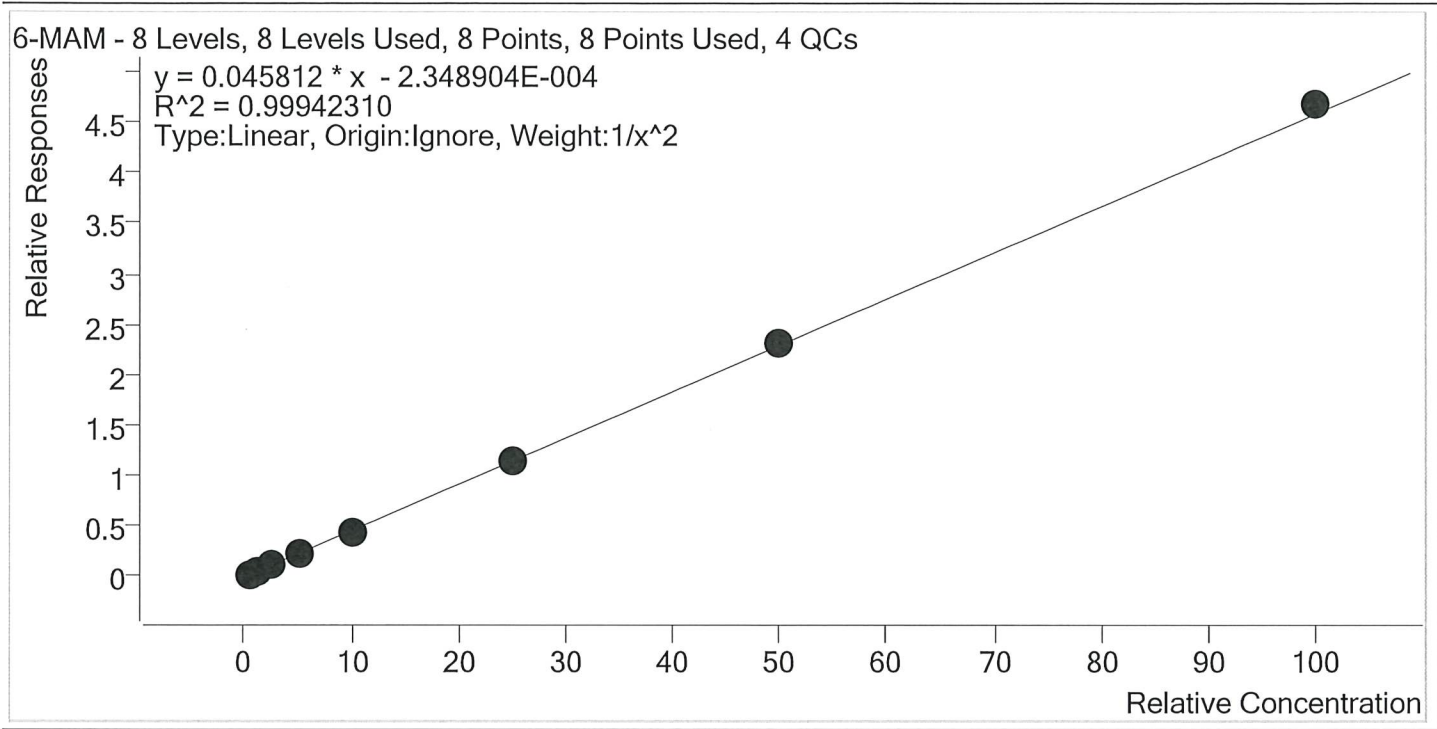


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.0
p1 Cal 4-50ng	4	✓	50.0	55.9	111.9
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	256.8	102.7
p1 Cal 7-500ng	7	✓	500.0	457.0	91.4
p1 Cal 8-1000ng	8	✓	1000.0	832.6	83.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



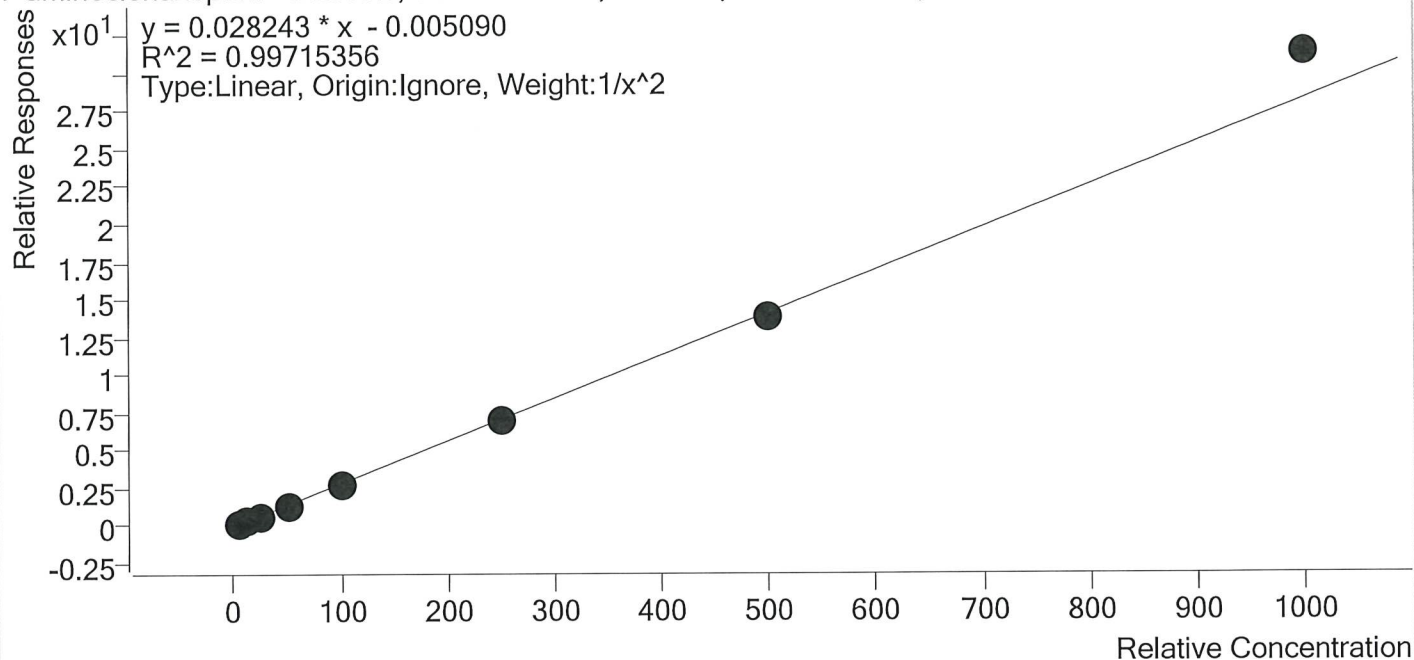
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.2
p1 Cal 2- 10ng	2	✓	1.0	1.0	101.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.0
p1 Cal 4-50ng	4	✓	5.0	5.0	100.2
p1 Cal 5-100ng	5	✓	10.0	9.8	97.8
p1 Cal 6-250ng	6	✓	25.0	25.3	101.0
p1 Cal 7-500ng	7	✓	50.0	50.7	101.4
p1 Cal 8-1000ng	8	✓	100.0	102.1	102.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

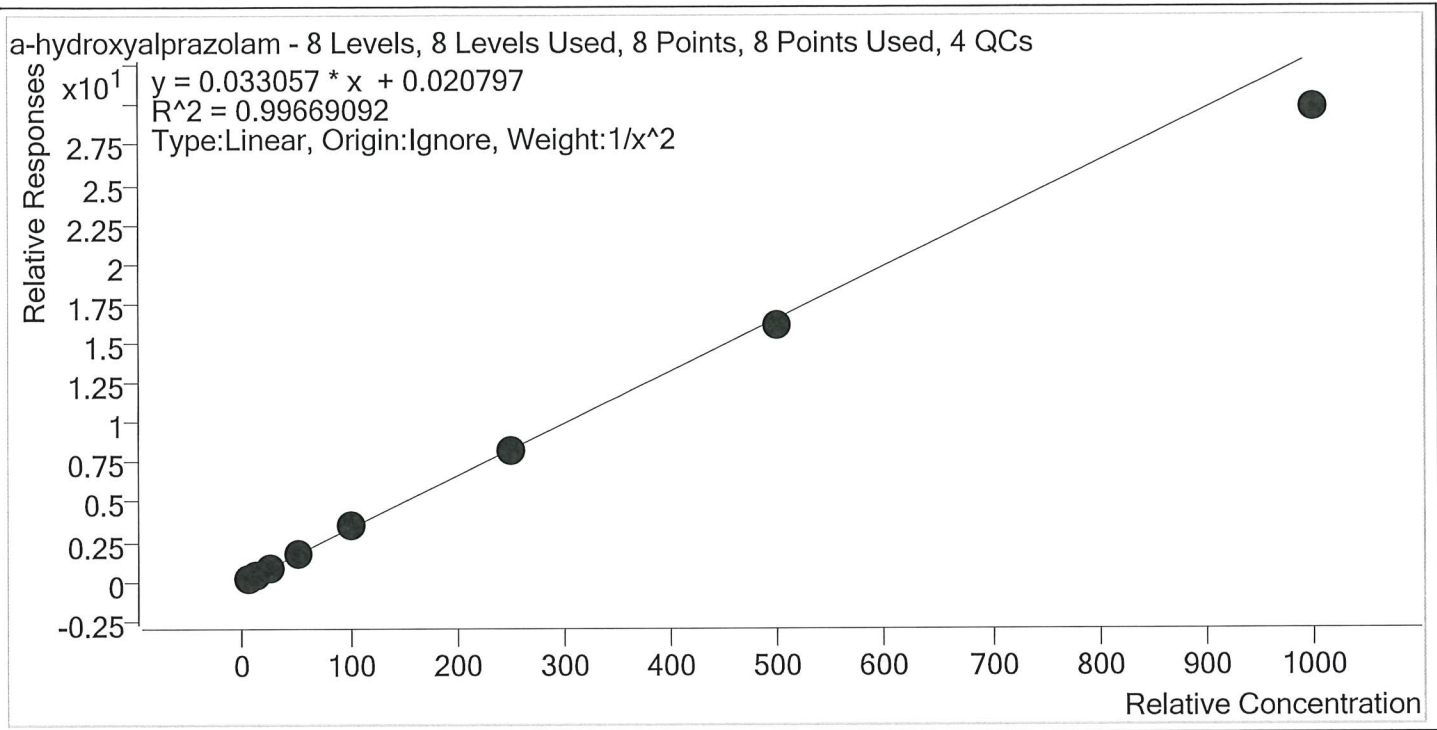


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	244.4	97.7
p1 Cal 7-500ng	7	✓	500.0	491.4	98.3
p1 Cal 8-1000ng	8	✓	1000.0	1109.4	110.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

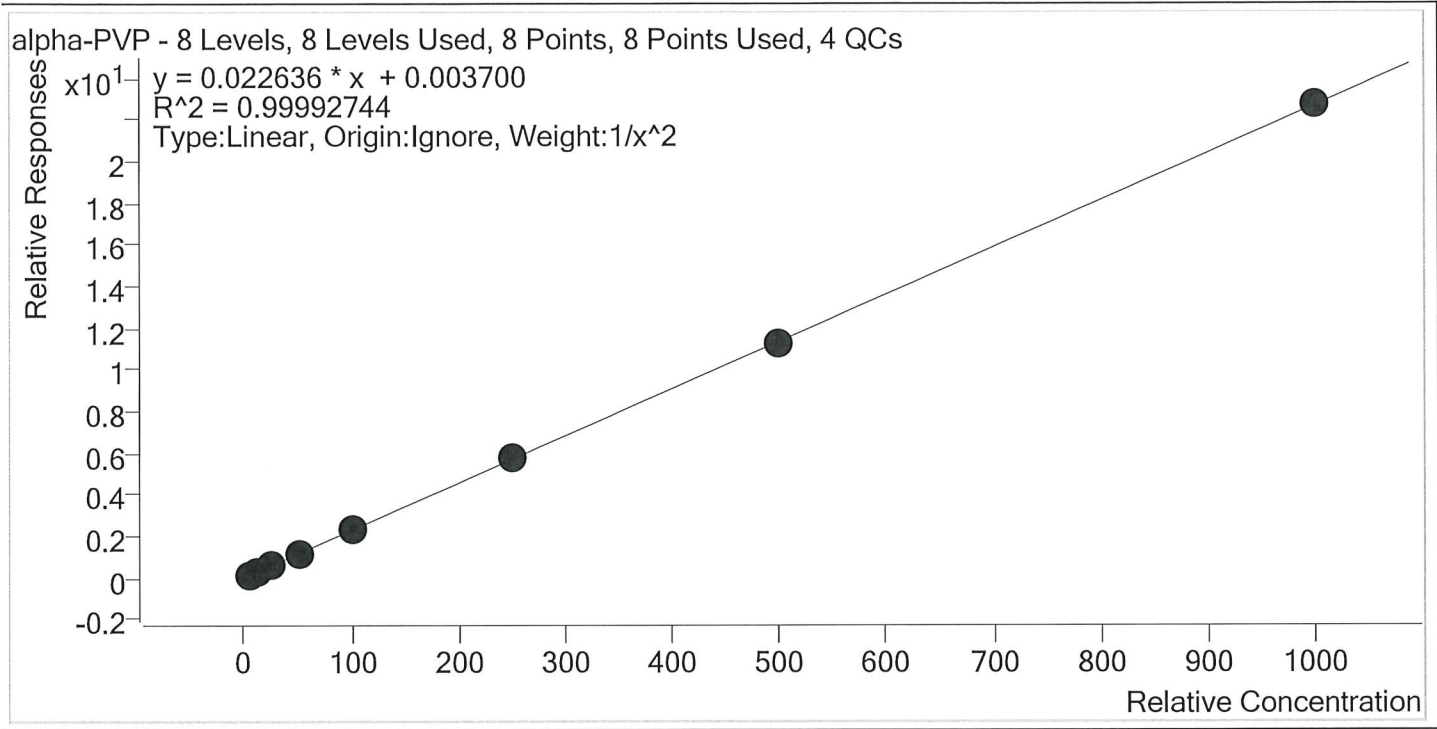


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	250.9	100.3
p1 Cal 7-500ng	7	✓	500.0	488.6	97.7
p1 Cal 8-1000ng	8	✓	1000.0	901.2	90.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



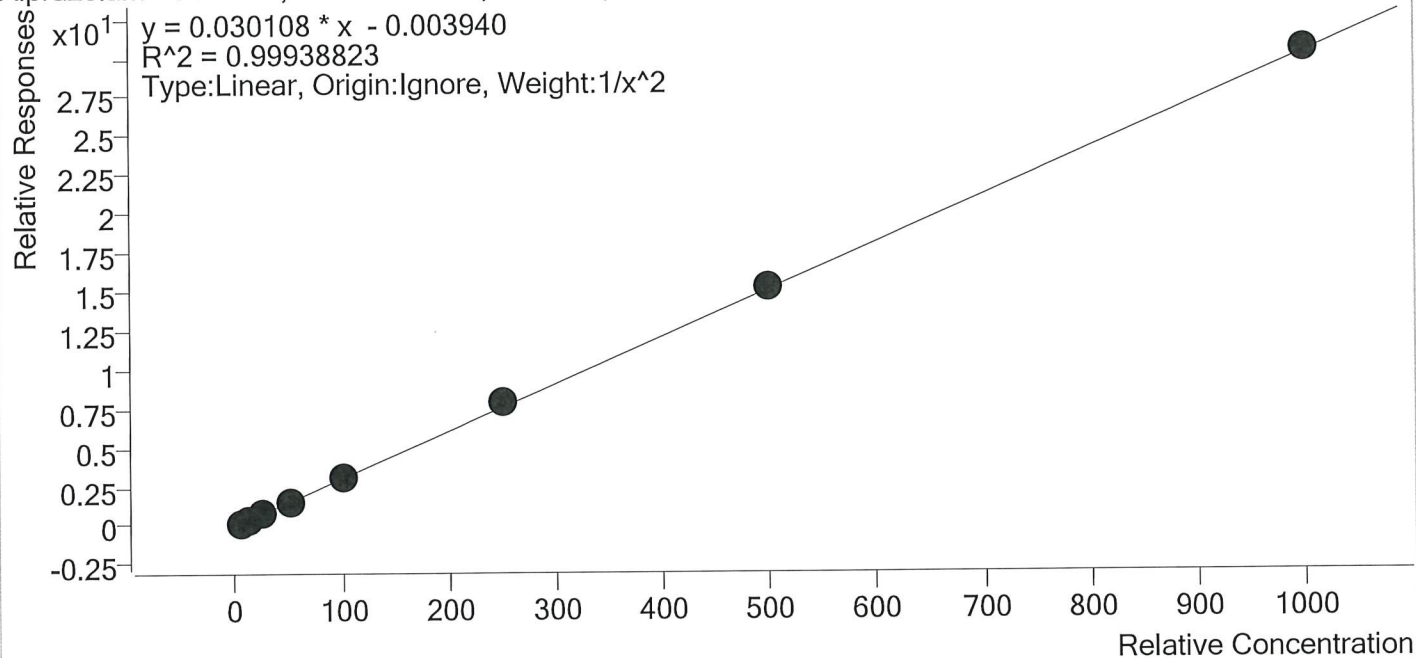
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	499.7	99.9
p1 Cal 8-1000ng	8	✓	1000.0	1002.4	100.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



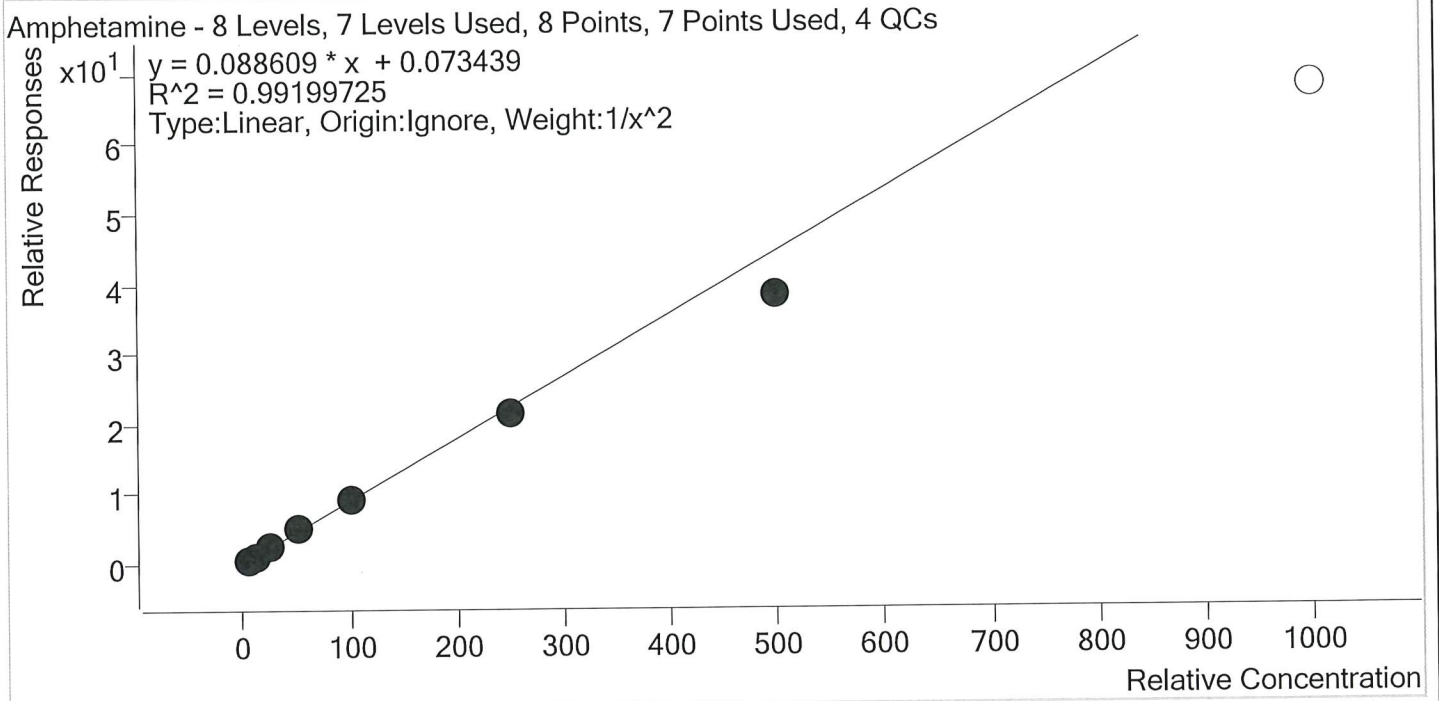
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.2	97.0
p1 Cal 4-50ng	4	✓	50.0	49.5	98.9
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	259.6	103.8
p1 Cal 7-500ng	7	✓	500.0	502.8	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1006.8	100.7

58



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
 Last Cal. Update 12/31/2020 1:46 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	4.8	96.3
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.6
p1 Cal 4-50ng	4	✓	50.0	54.3	108.5
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	242.6	97.0
p1 Cal 7-500ng	7	✓	500.0	429.3	85.9
p1 Cal 8-1000ng	8	×	1000.0	764.6	76.5

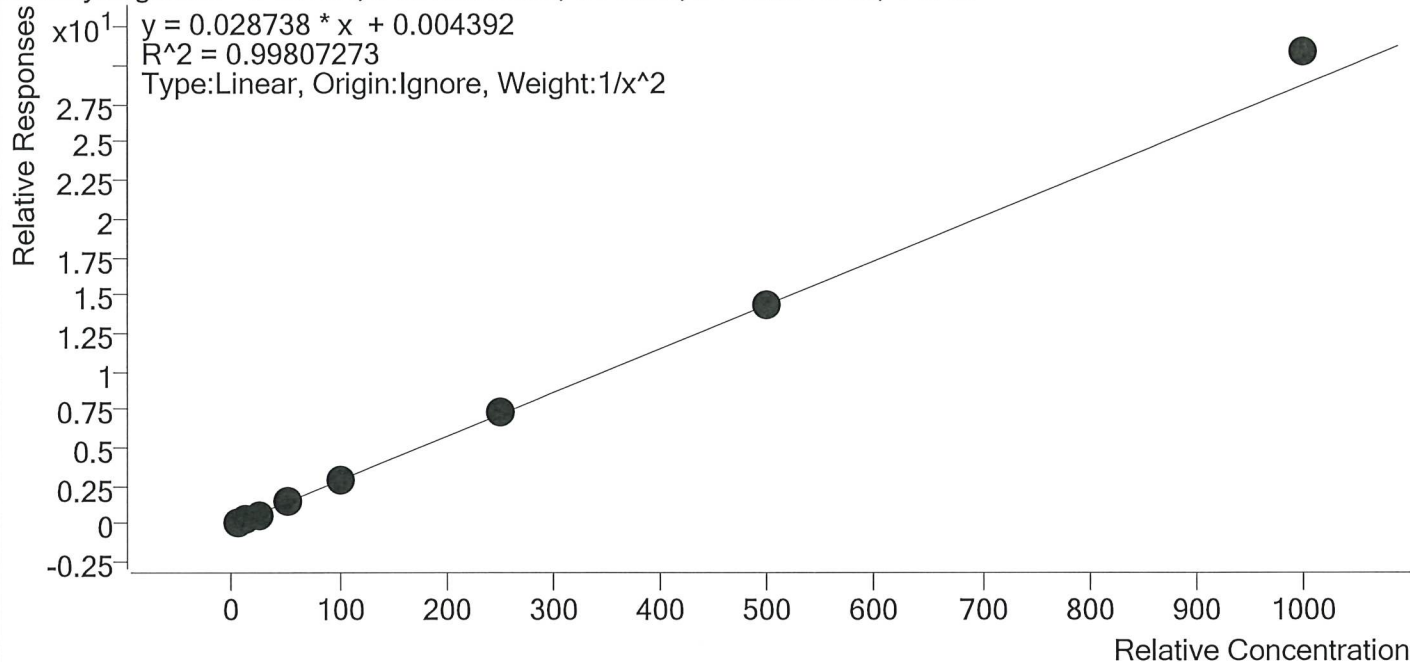
55



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



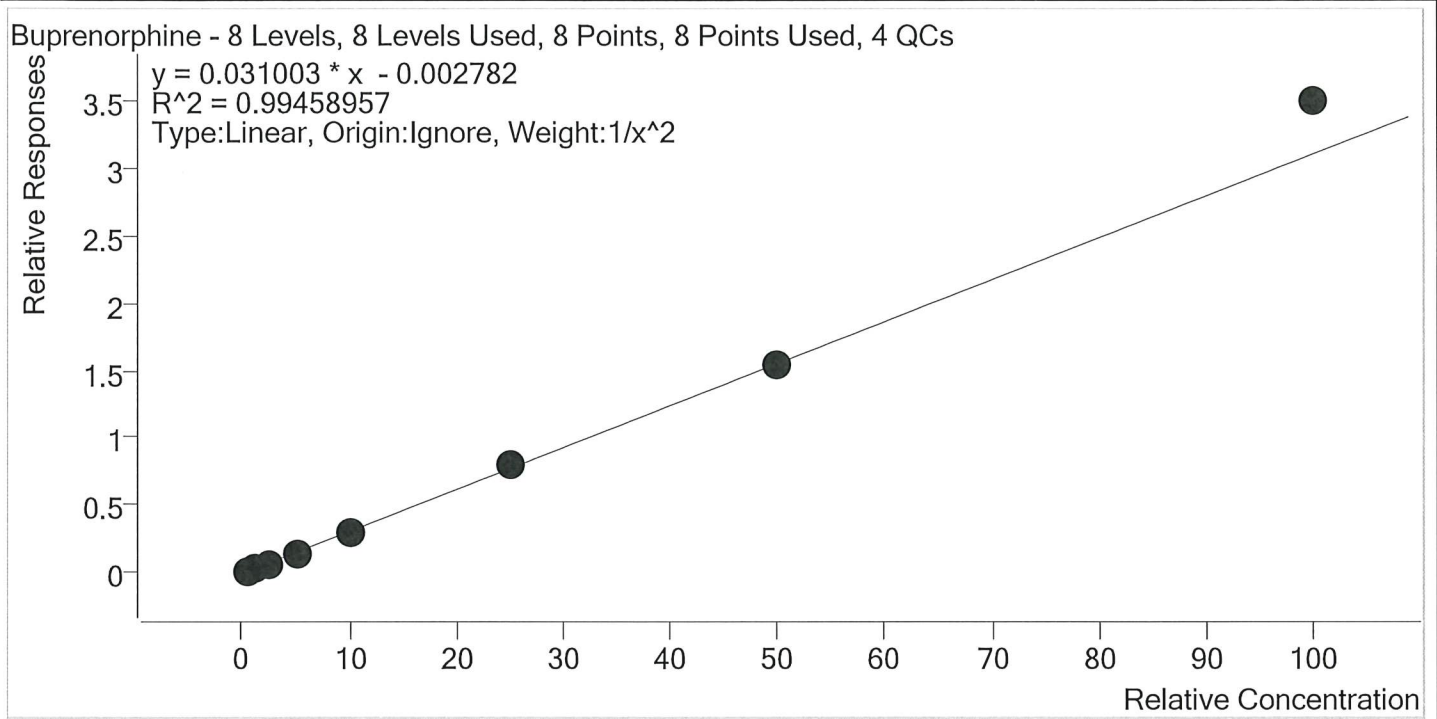
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	503.3	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1075.2	107.5

SS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



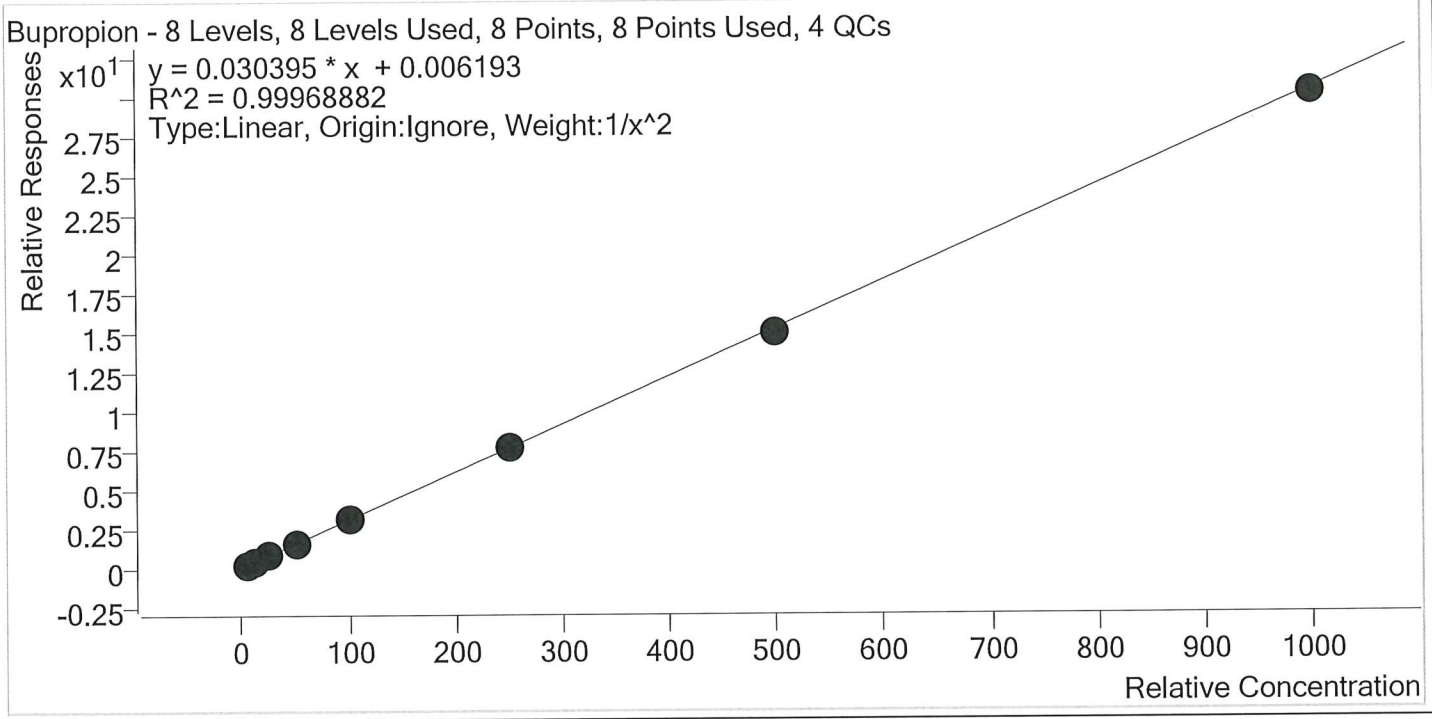
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.3
p1 Cal 2- 10ng	2	✓	1.0	0.9	93.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.8
p1 Cal 4-50ng	4	✓	5.0	4.7	93.7
p1 Cal 5-100ng	5	✓	10.0	9.6	95.6
p1 Cal 6-250ng	6	✓	25.0	25.5	102.2
p1 Cal 7-500ng	7	✓	50.0	50.1	100.1
p1 Cal 8-1000ng	8	✓	100.0	112.6	112.6

5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

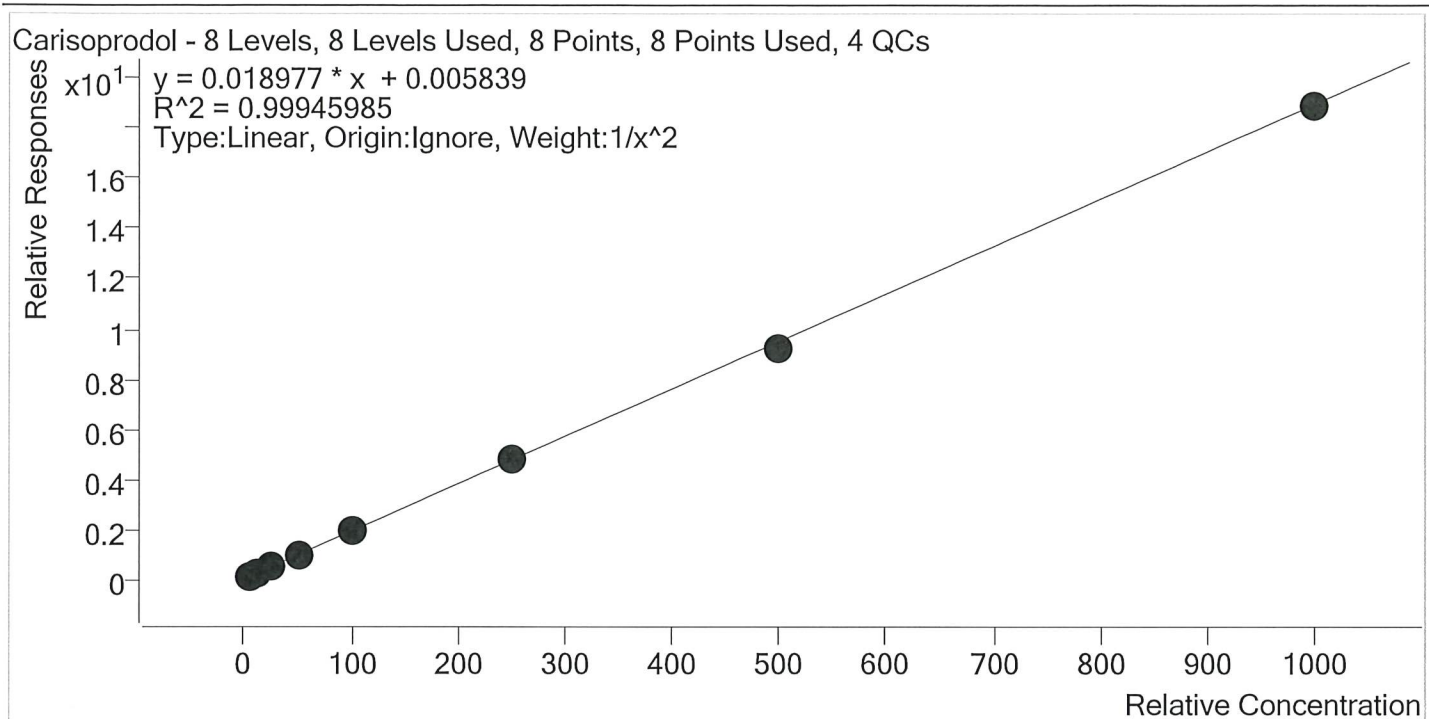


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	490.9	98.2
p1 Cal 8-1000ng	8	✓	1000.0	992.3	99.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

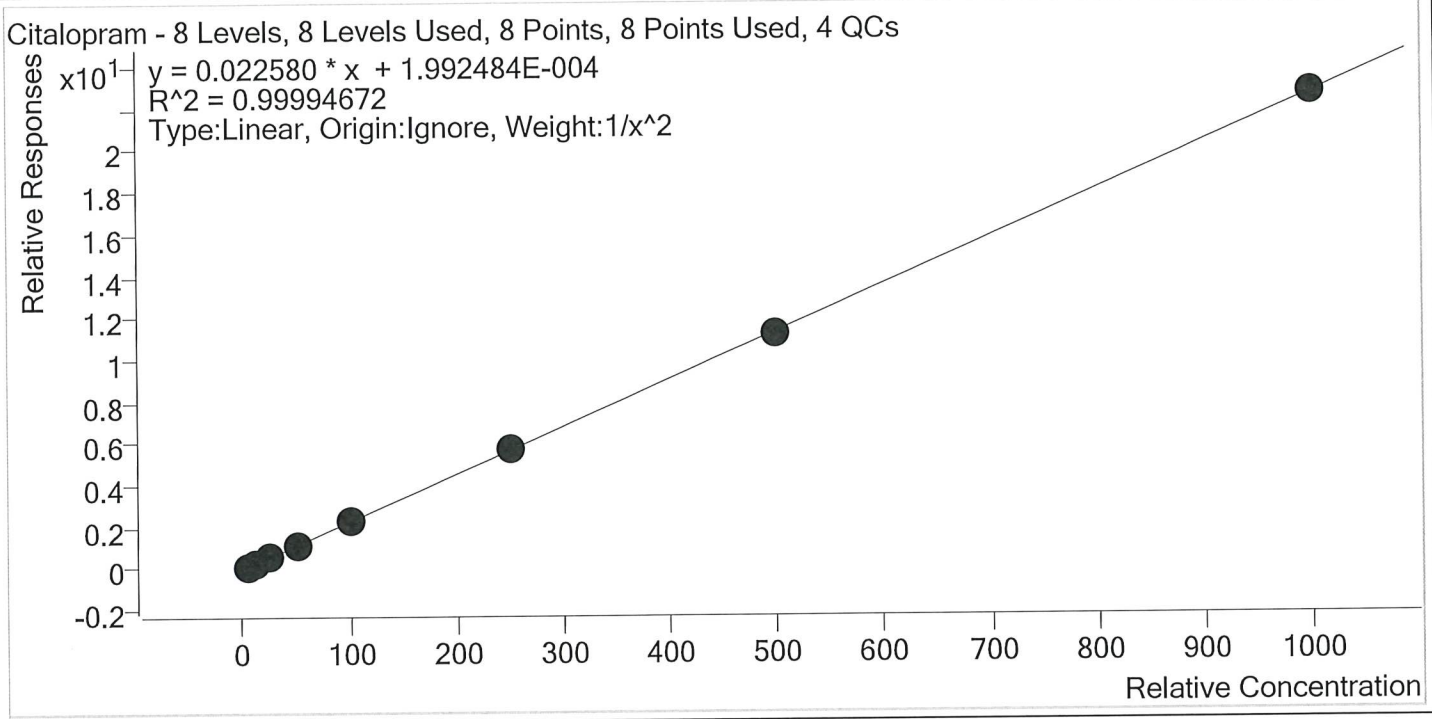


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	52.0	103.9
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	488.8	97.8
p1 Cal 8-1000ng	8	✓	1000.0	995.6	99.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

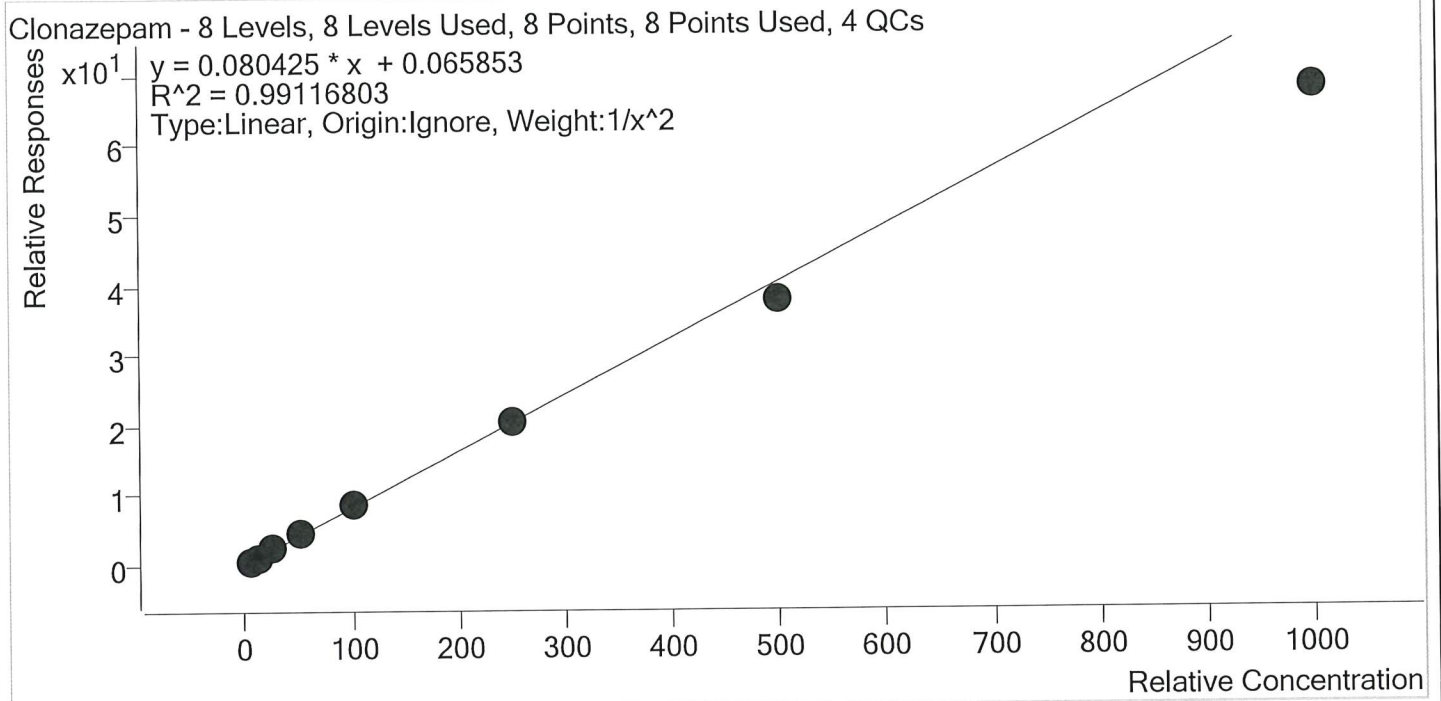


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	495.6	99.1
p1 Cal 8-1000ng	8	✓	1000.0	1001.4	100.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



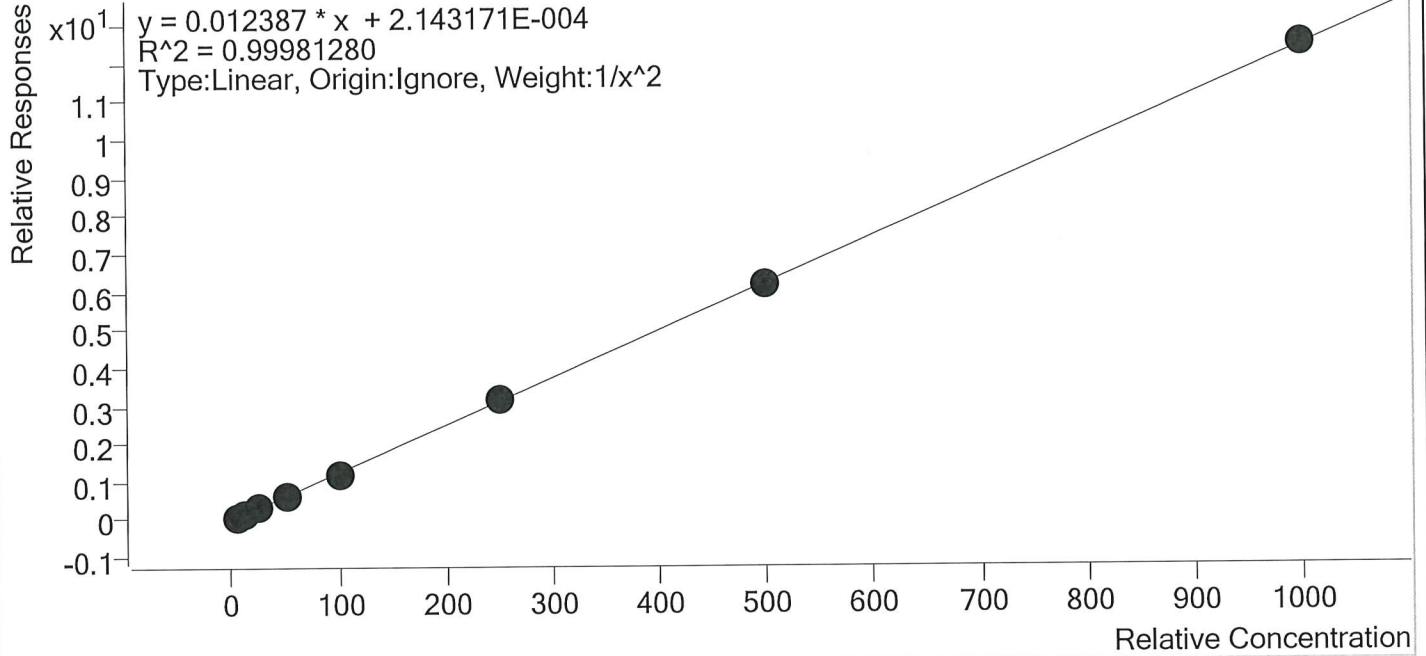
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	108.2	108.2
p1 Cal 6-250ng	6	✓	250.0	254.1	101.7
p1 Cal 7-500ng	7	✓	500.0	467.5	93.5
p1 Cal 8-1000ng	8	✓	1000.0	842.8	84.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



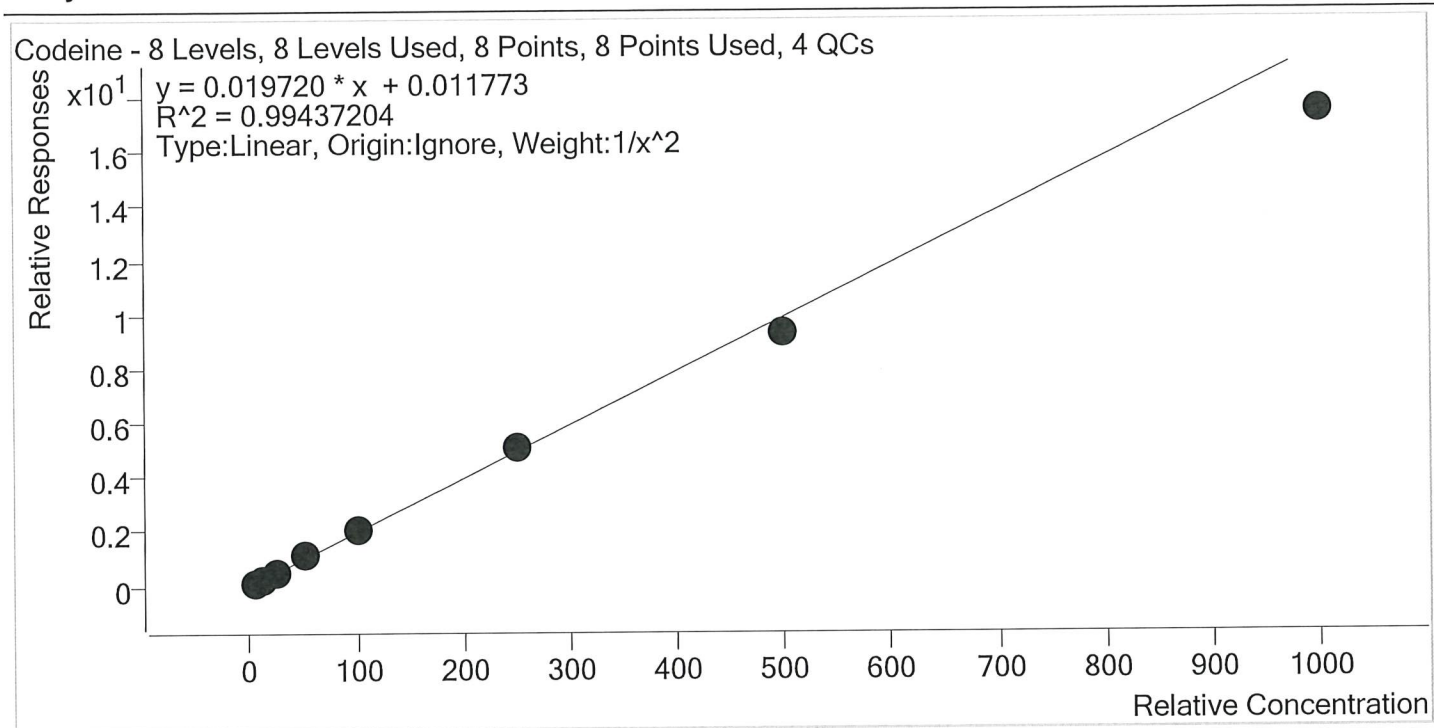
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	50.5	101.1
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	499.7	99.9
p1 Cal 8-1000ng	8	✓	1000.0	1004.3	100.4

52



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 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	98.2
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	54.6	109.2
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	259.1	103.6
p1 Cal 7-500ng	7	✓	500.0	469.0	93.8
p1 Cal 8-1000ng	8	✓	1000.0	885.0	88.5

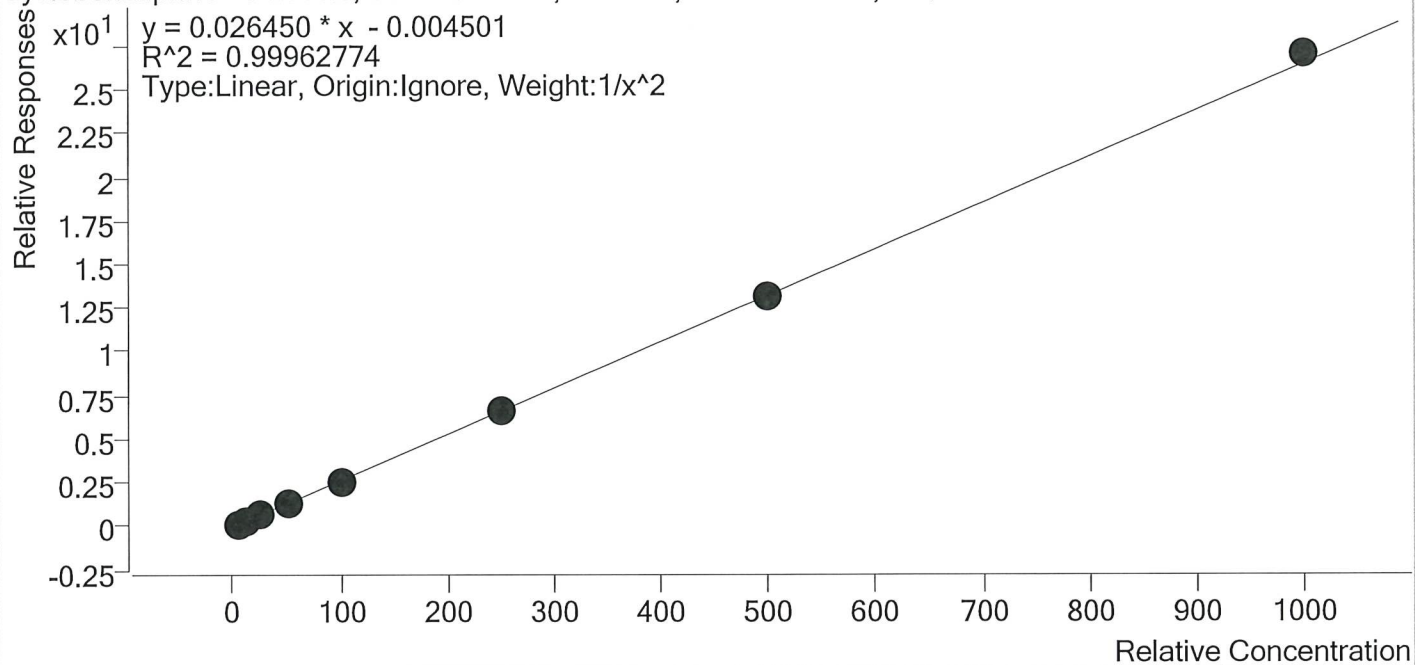
57



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



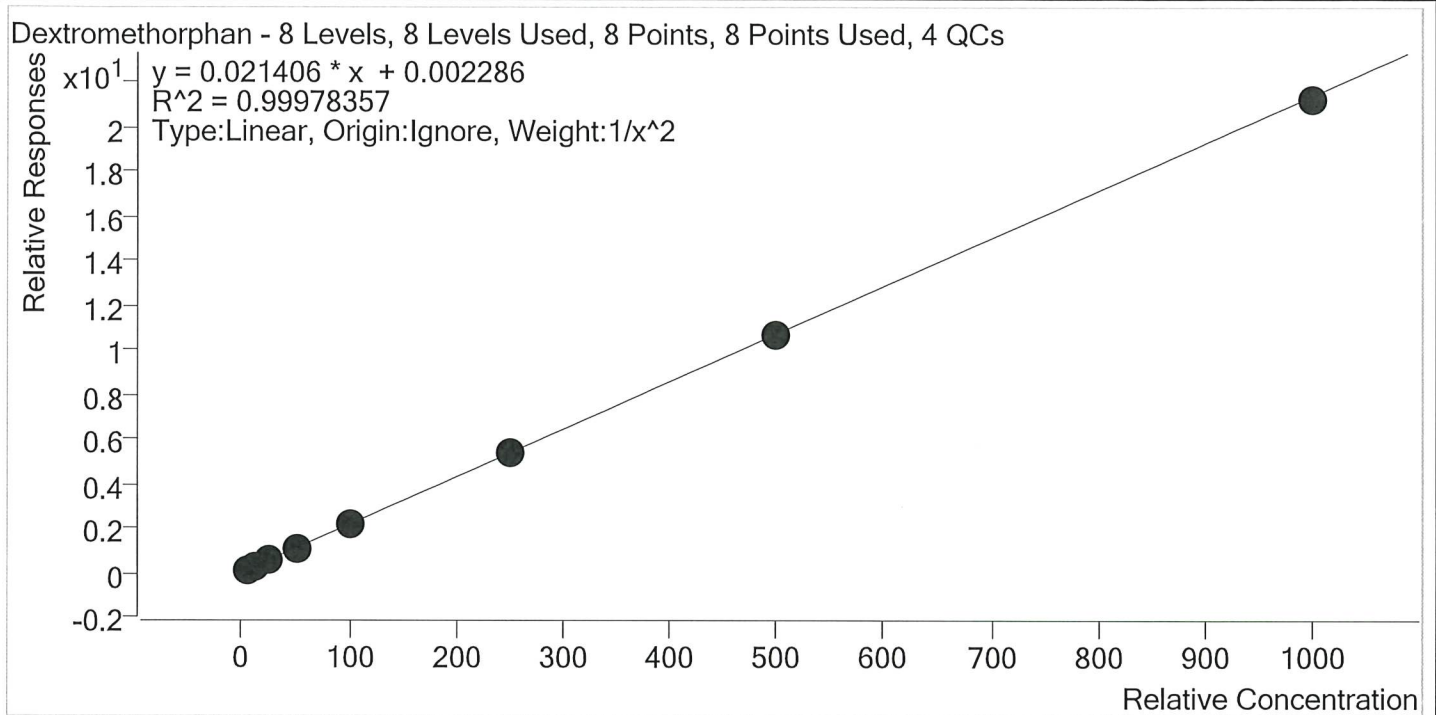
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✓	1000.0	1021.4	102.1

58



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 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	99.6
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	497.7	99.5
p1 Cal 8-1000ng	8	✓	1000.0	990.8	99.1

SJ



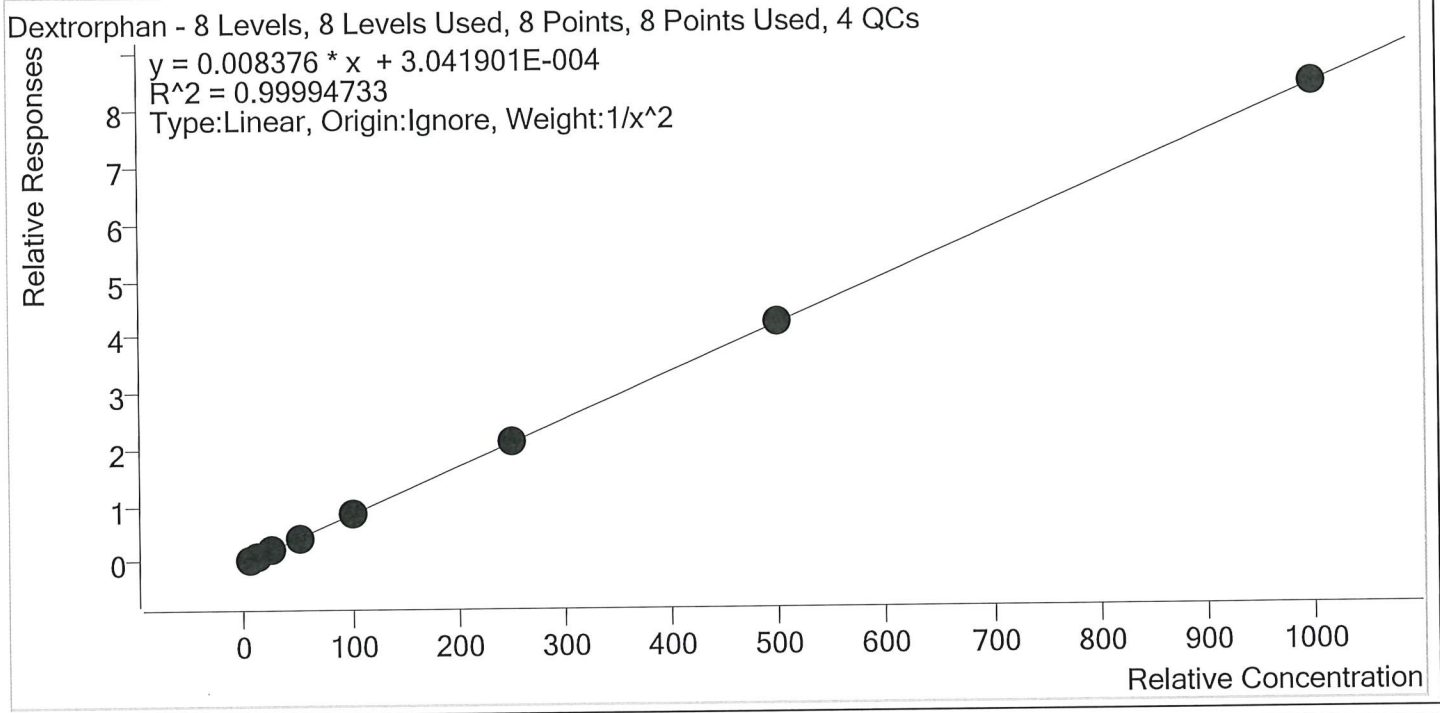
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin

Last Cal. Update 12/31/2020 1:46 PM

Analyst Name ISP\datastor

Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



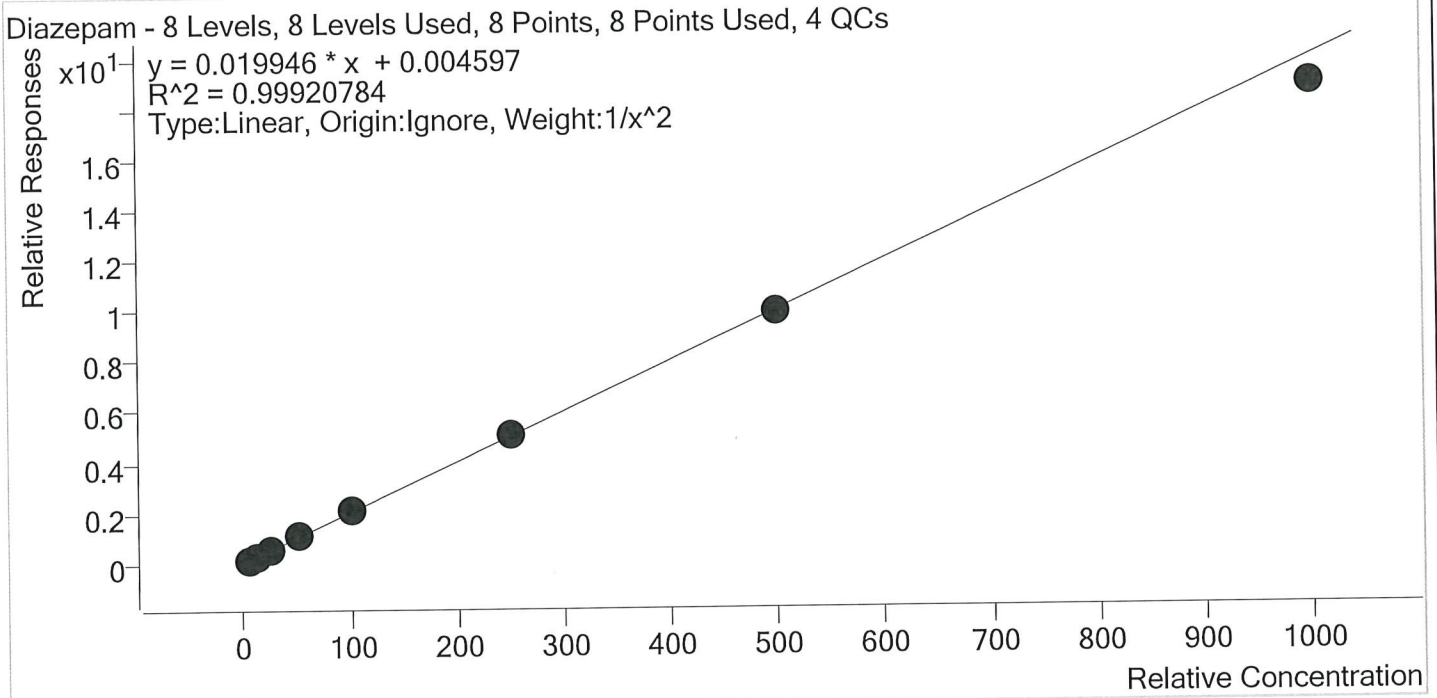
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	251.1	100.5
p1 Cal 7-500ng	7	✓	500.0	500.8	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1001.3	100.1

SJ



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



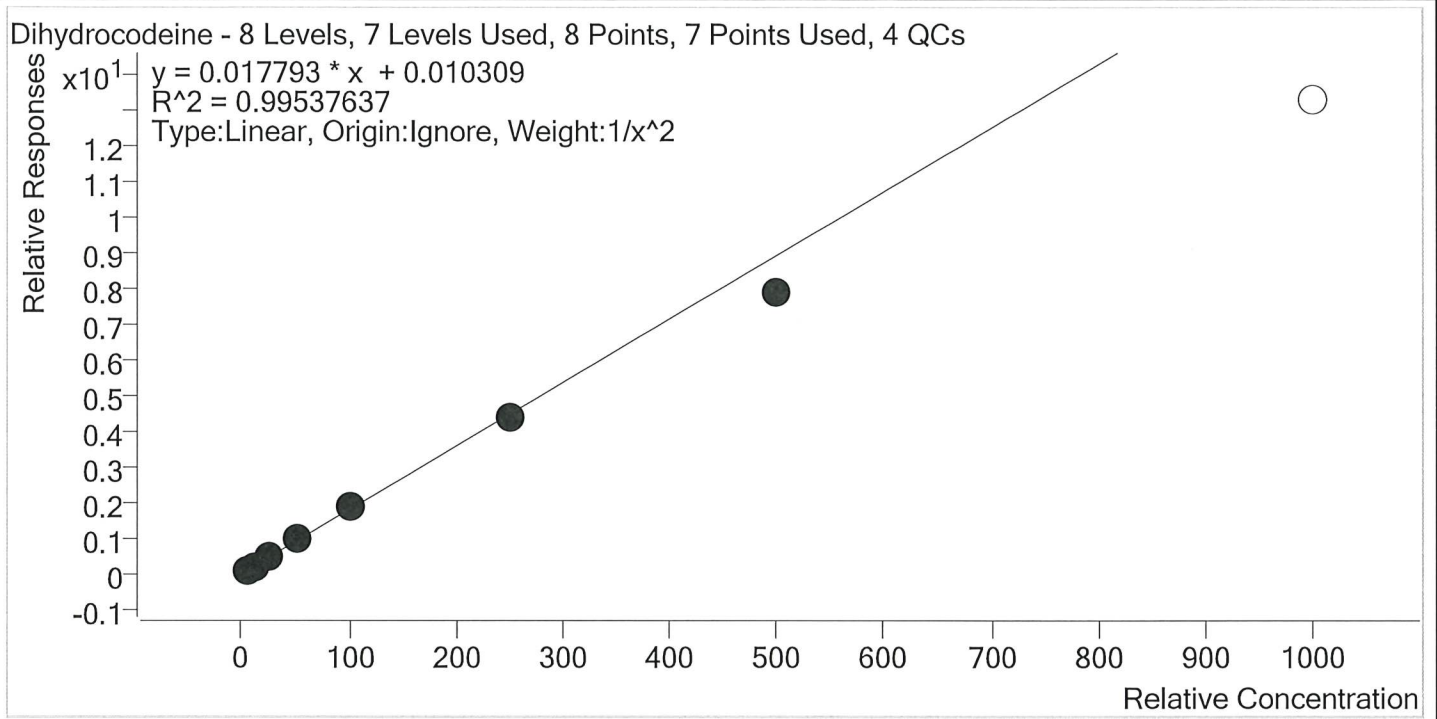
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	498.5	99.7
p1 Cal 8-1000ng	8	✓	1000.0	946.2	94.6

SJ



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 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	4.9	98.9
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	444.3	88.9
p1 Cal 8-1000ng	8	×	1000.0	744.2	74.4

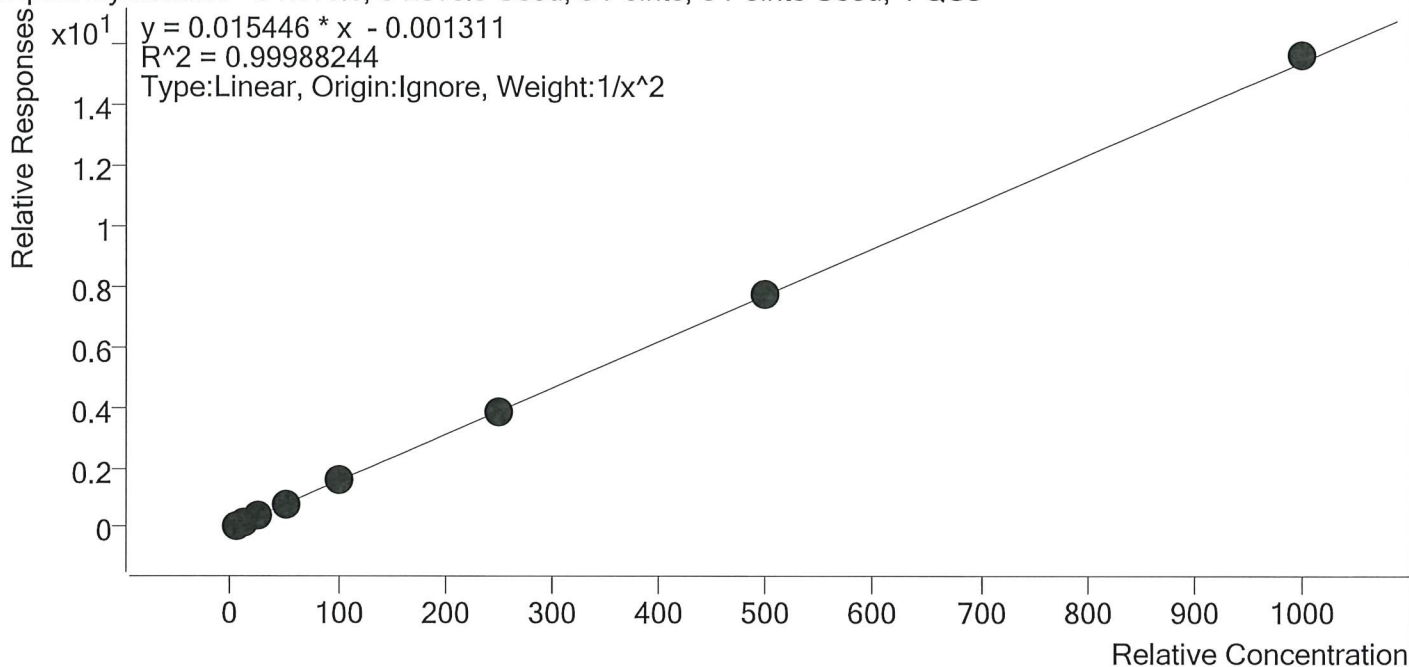
SJ



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



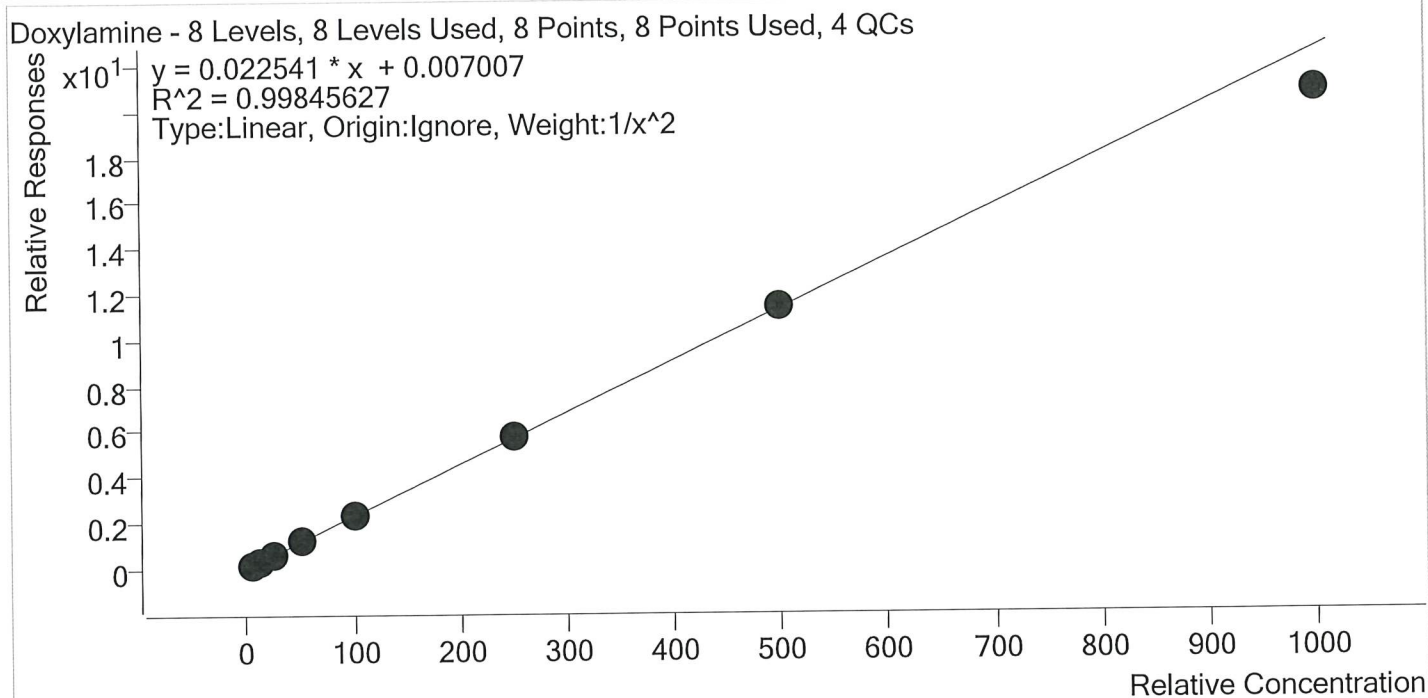
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	503.4	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1014.5	101.4

50



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

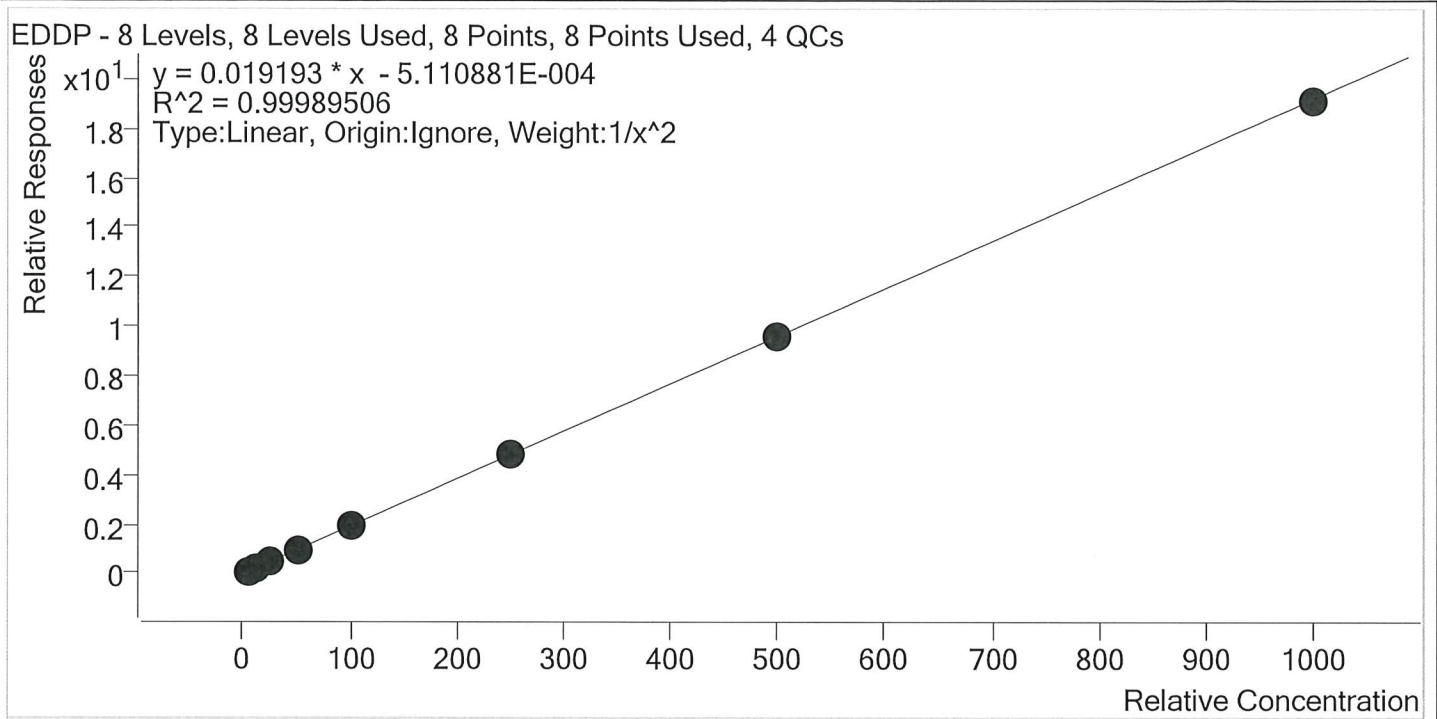


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	506.5	101.3
p1 Cal 8-1000ng	8	✓	1000.0	920.1	92.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	502.4	100.5
p1 Cal 8-1000ng	8	✓	1000.0	994.2	99.4

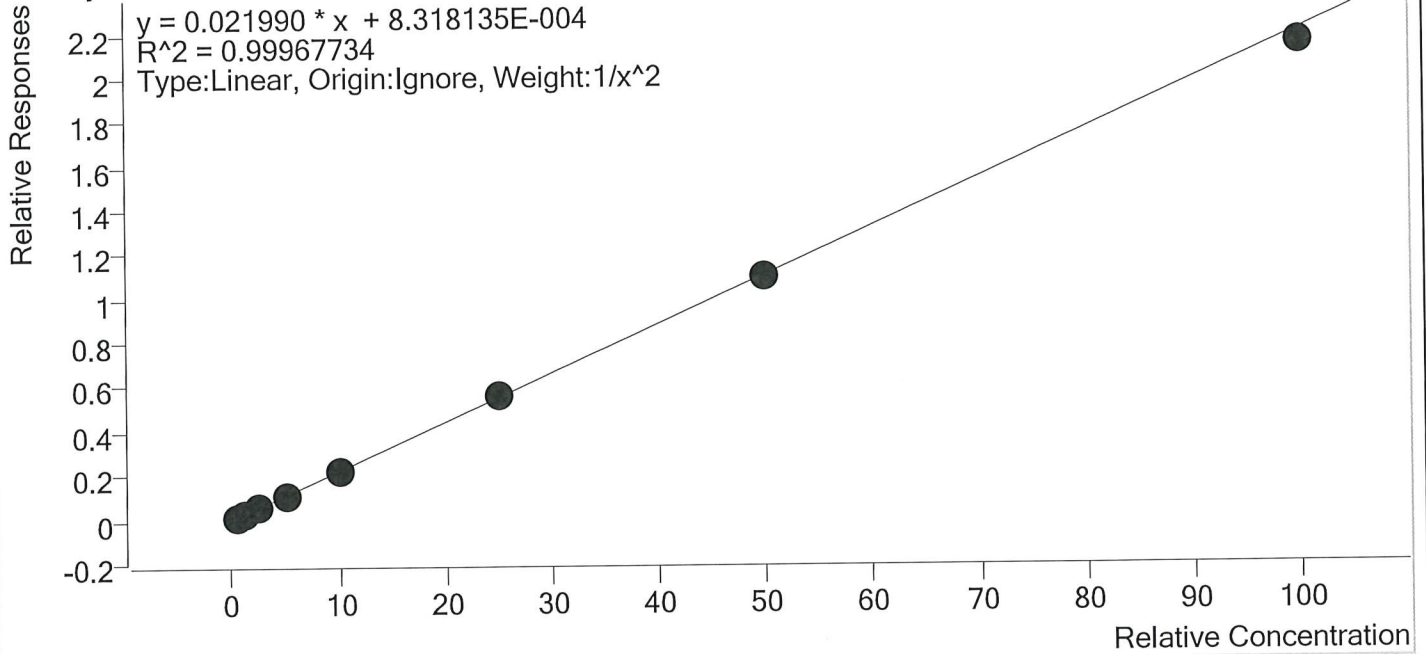
55



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



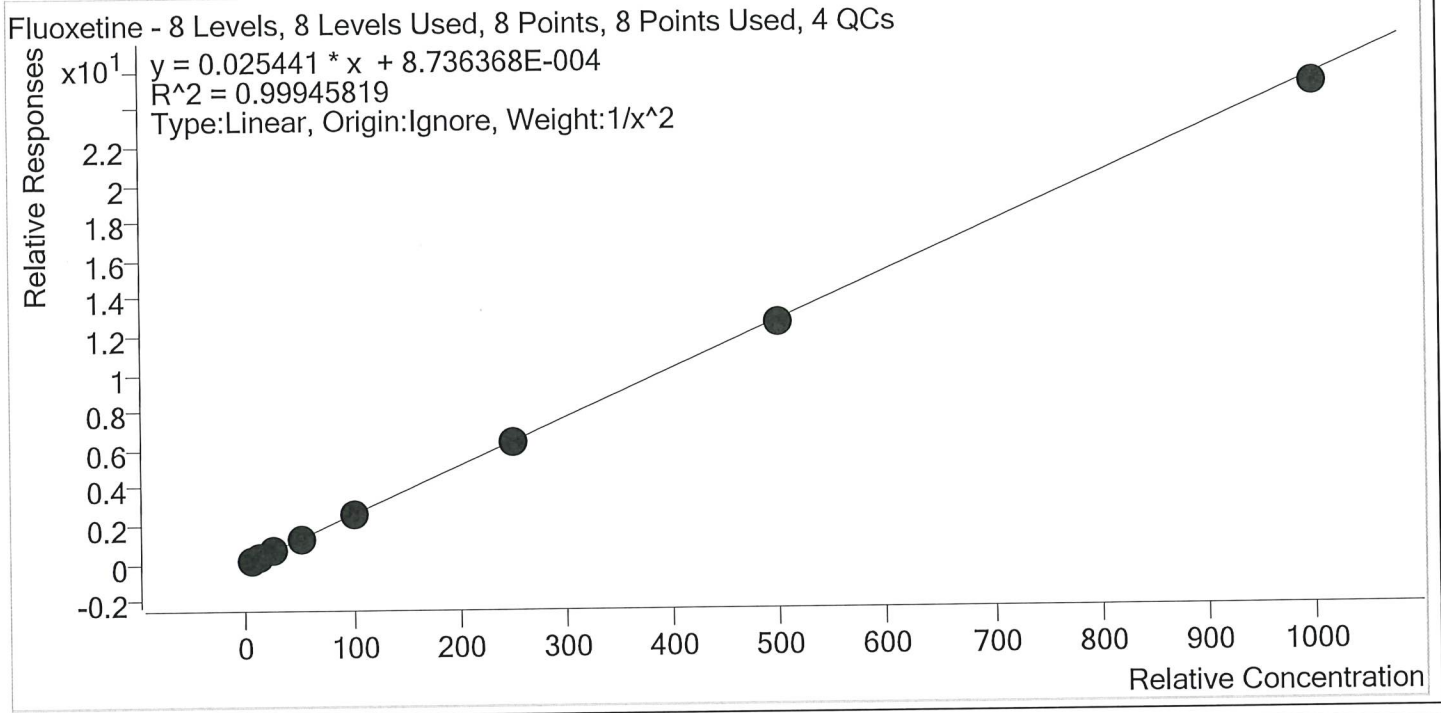
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.7
p1 Cal 2- 10ng	2	✓	1.0	1.0	98.2
p1 Cal 3 -25ng	3	✓	2.5	2.5	100.2
p1 Cal 4-50ng	4	✓	5.0	5.1	101.3
p1 Cal 5-100ng	5	✓	10.0	10.0	100.0
p1 Cal 6-250ng	6	✓	25.0	25.5	102.2
p1 Cal 7-500ng	7	✓	50.0	50.0	100.1
p1 Cal 8-1000ng	8	✓	100.0	97.4	97.4

55



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
 Last Cal. Update 12/31/2020 1:46 PM
 Analyst Name ISP\datastor
 Analyte Fluoxetine Internal Standard Fluoxetine-D6



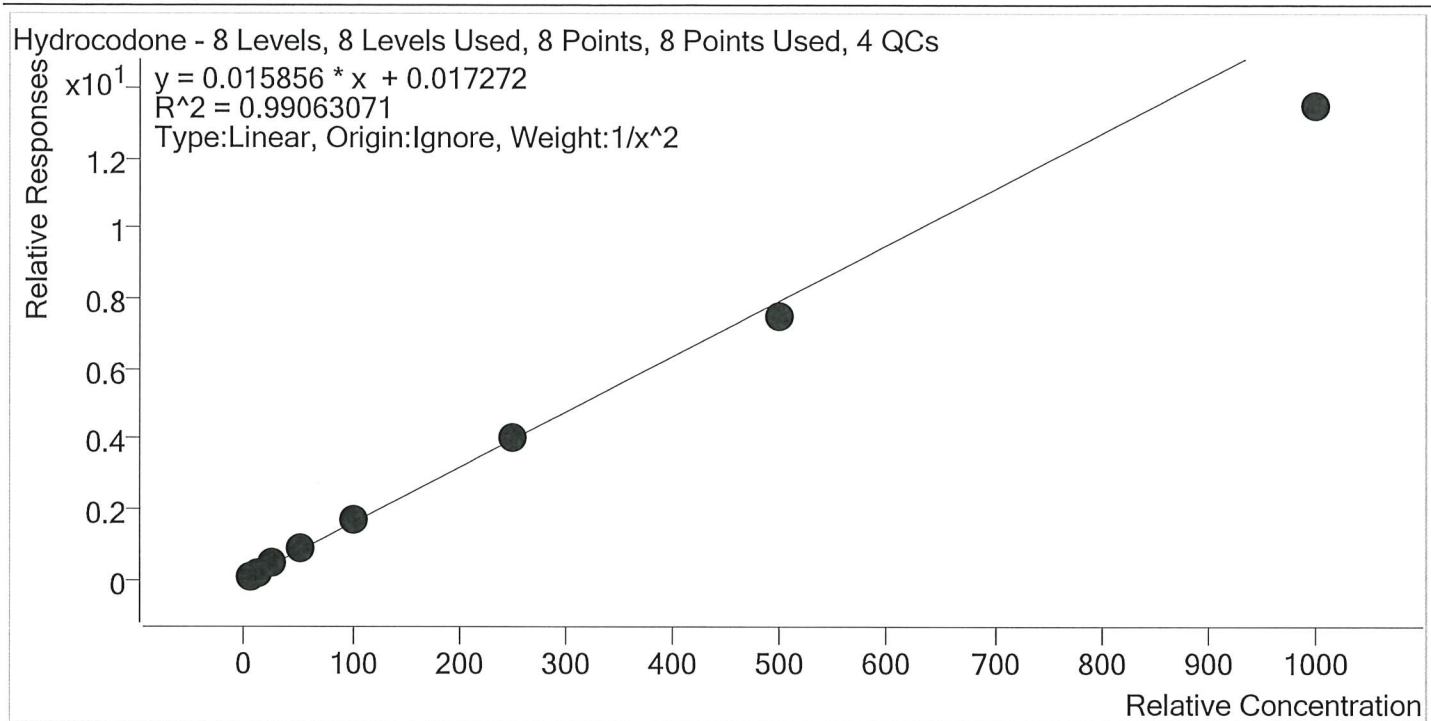
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2- 10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	51.5	103.1
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	492.2	98.4
p1 Cal 8-1000ng	8	✓	1000.0	982.0	98.2

SJ



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 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	4.9	97.5
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.5
p1 Cal 4-50ng	4	✓	50.0	55.6	111.1
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	469.7	93.9
p1 Cal 8-1000ng	8	✓	1000.0	849.9	85.0

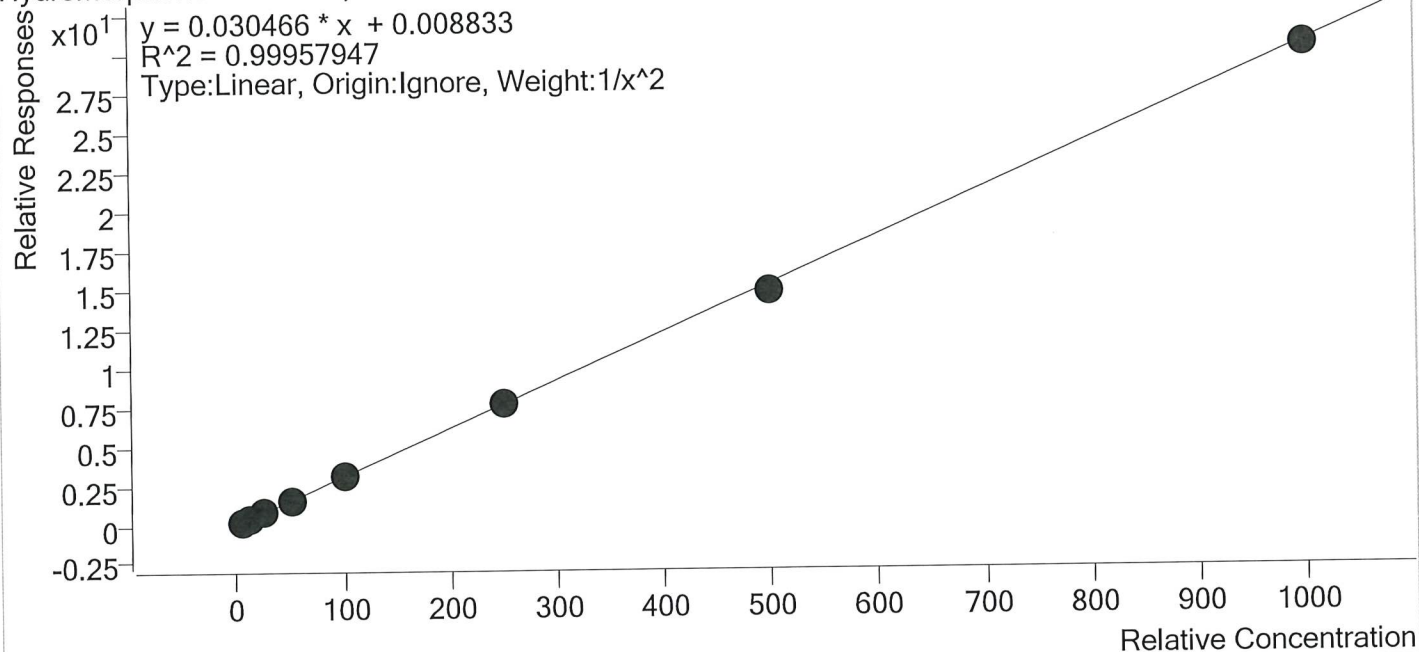
SJ



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
 Last Cal. Update 12/31/2020 1:46 PM
 Analyst Name ISP\datastor
 Analyte Hydromorphone Internal Standard Hydromorphone-D6

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

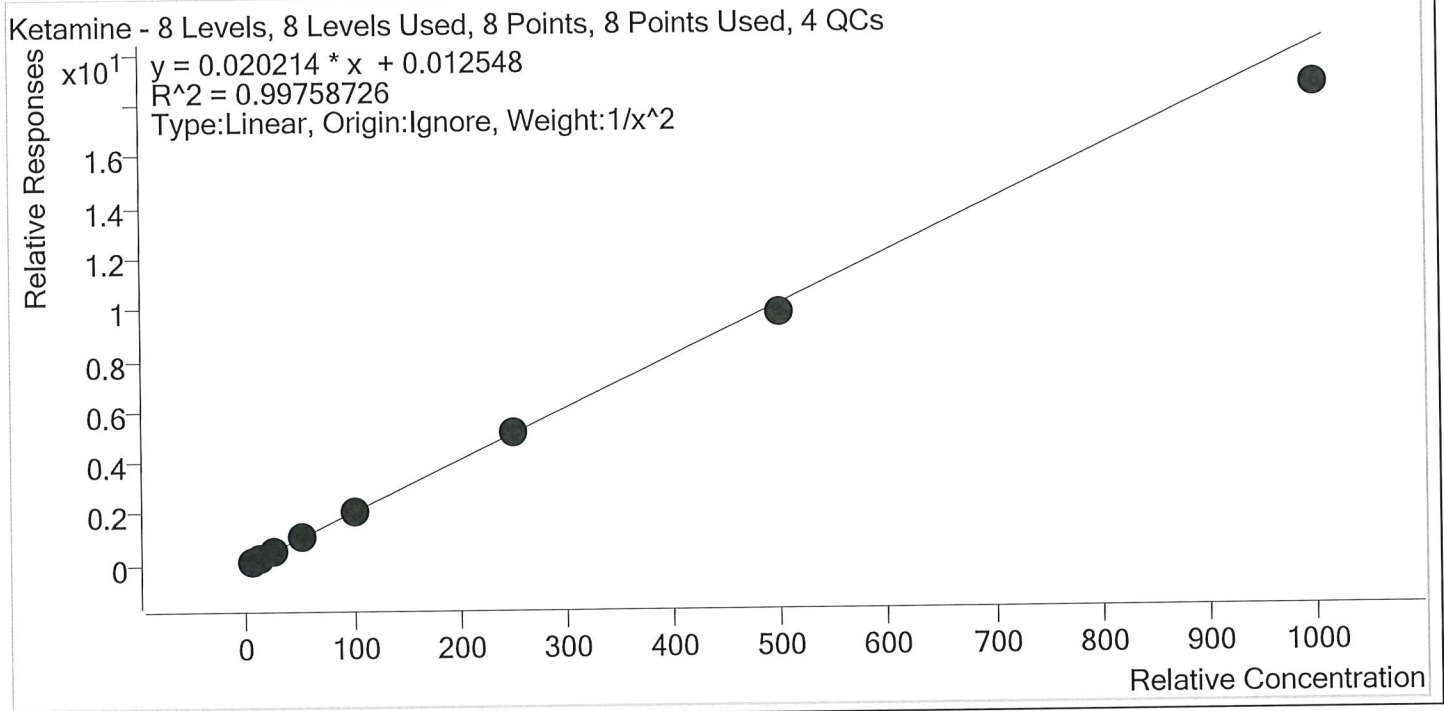


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	481.7	96.3
p1 Cal 8-1000ng	8	✓	1000.0	993.8	99.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

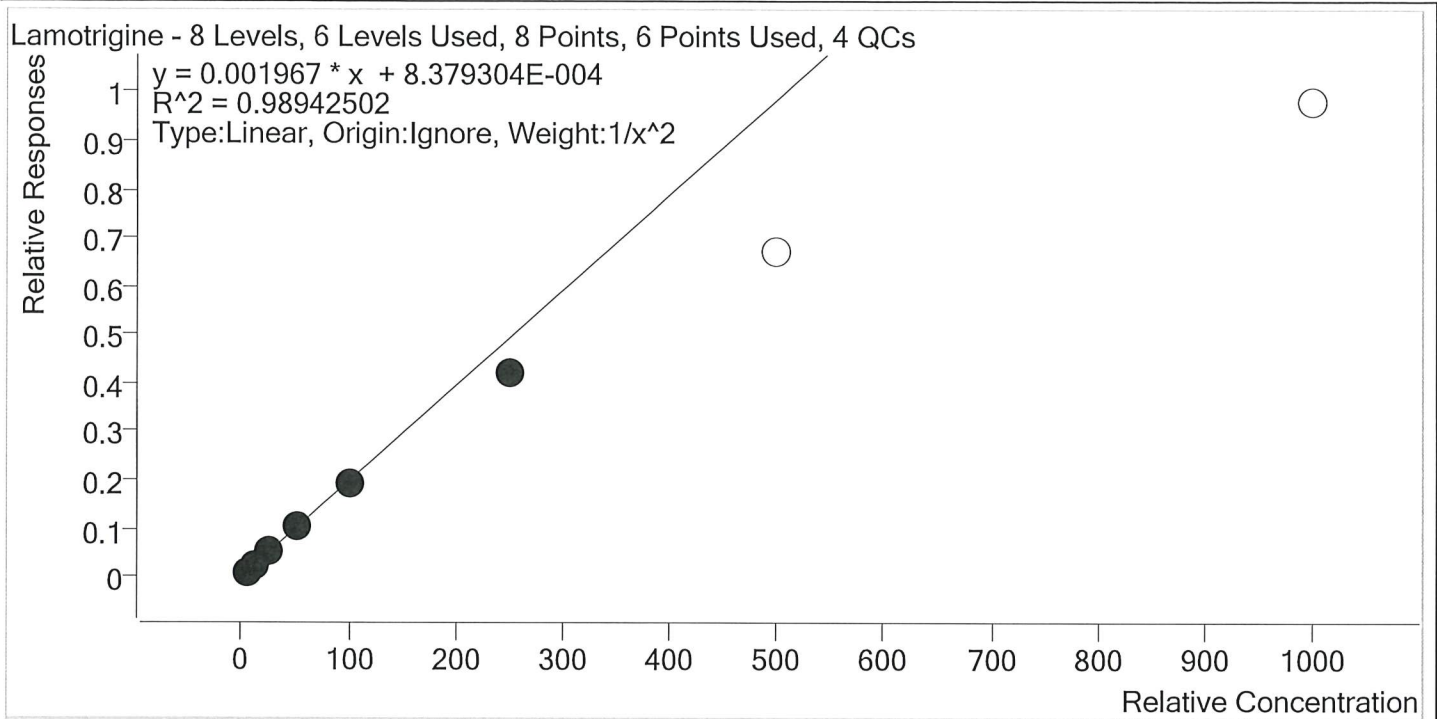


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	484.3	96.9
p1 Cal 8-1000ng	8	✓	1000.0	917.4	91.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



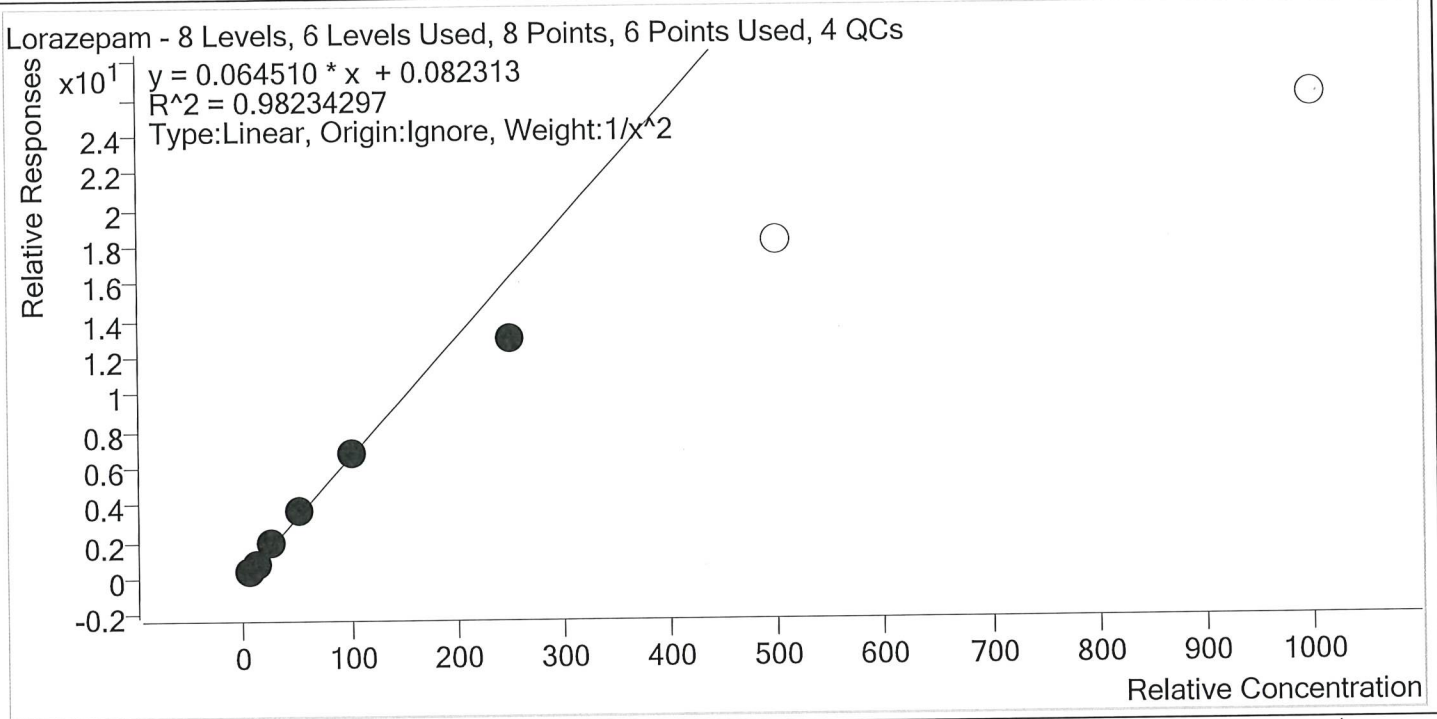
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2- 10ng	2	✓	10.0	10.7	107.0
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	214.8	85.9
p1 Cal 7-500ng	7	×	500.0	340.7	68.1
p1 Cal 8-1000ng	8	×	1000.0	497.6	49.8

55



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 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	96.0
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.7
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	200.5	80.2
p1 Cal 7-500ng	7	×	500.0	281.7	56.3
p1 Cal 8-1000ng	8	×	1000.0	399.9	40.0

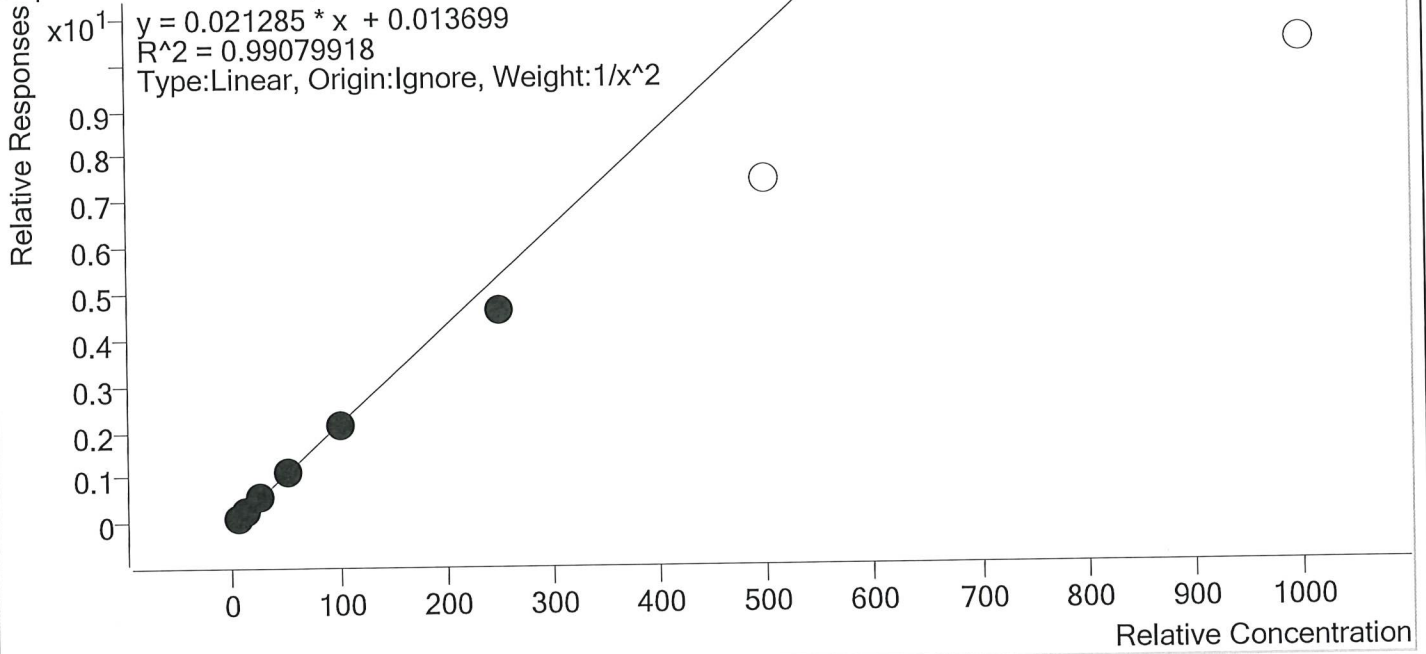
SJ



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
 Last Cal. Update 12/31/2020 1:46 PM
 Analyst Name ISP\datastor
 Analyte Meprobamate Internal Standard Meprobamate-D7

Meprobamate - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



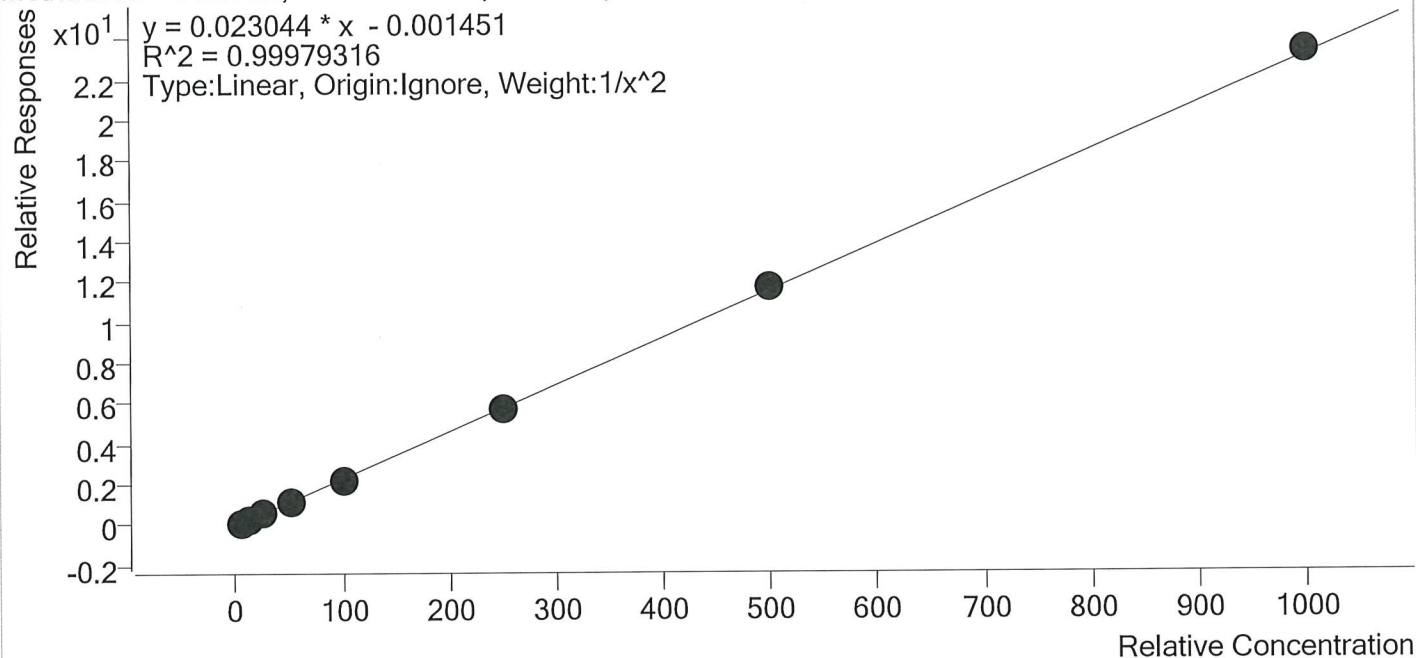
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2- 10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	53.4	106.7
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	215.4	86.2
p1 Cal 7-500ng	7	×	500.0	346.6	69.3
p1 Cal 8-1000ng	8	×	1000.0	485.6	48.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



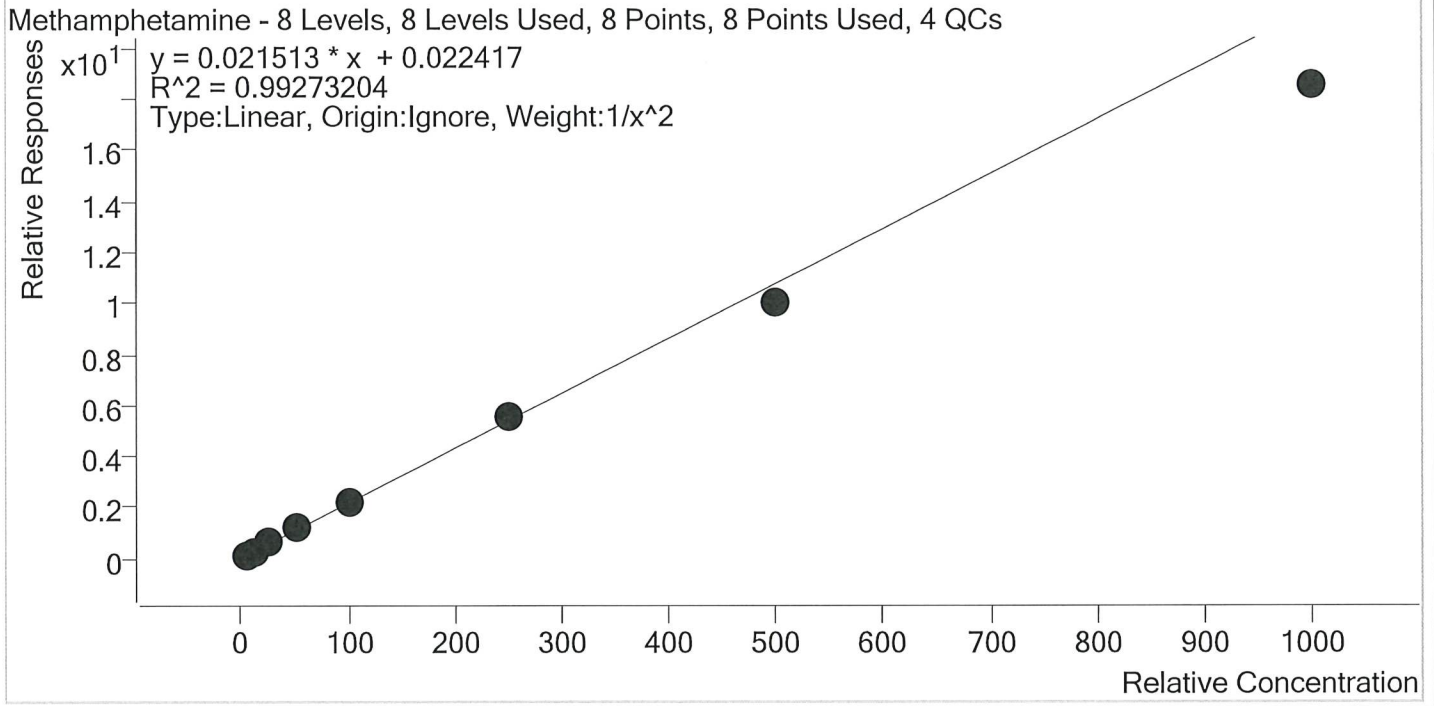
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	248.4	99.3
p1 Cal 7-500ng	7	✓	500.0	509.1	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1011.0	101.1

SS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



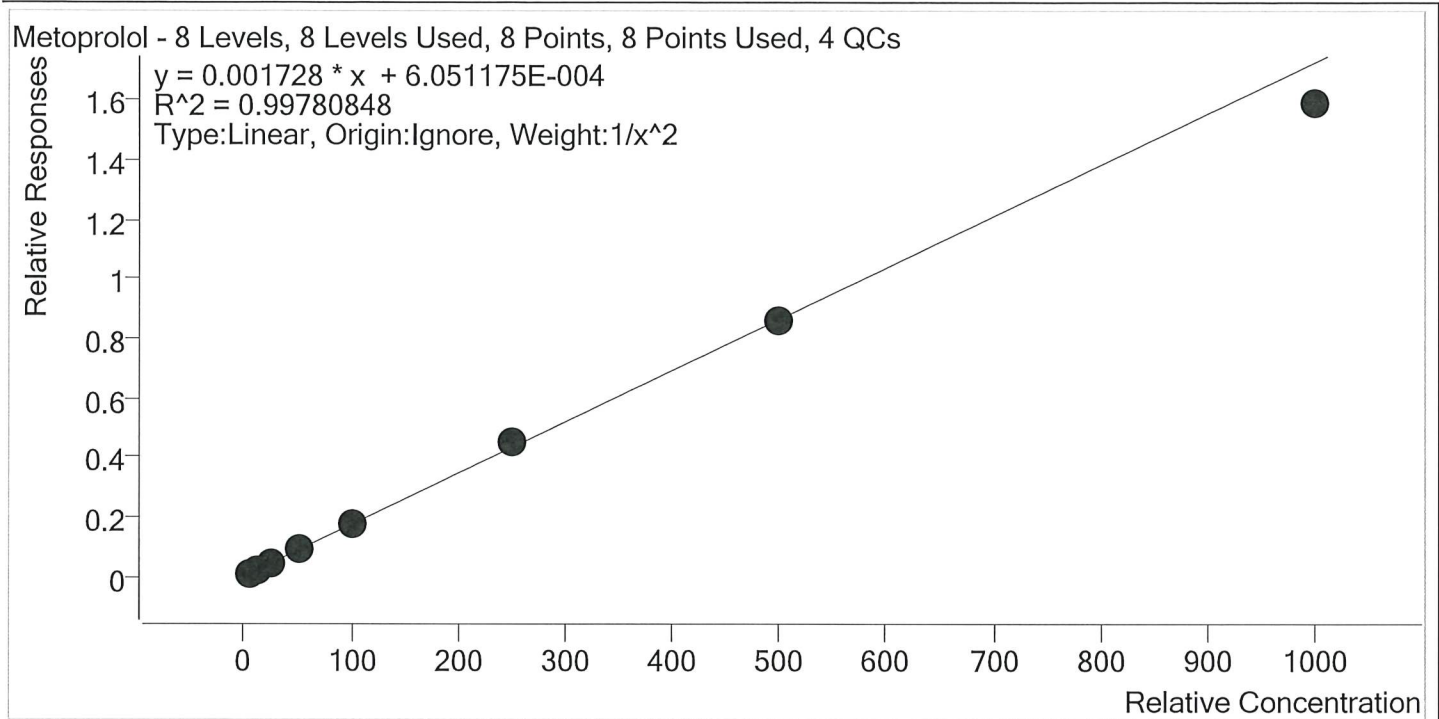
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	258.0	103.2
p1 Cal 7-500ng	7	✓	500.0	465.4	93.1
p1 Cal 8-1000ng	8	✓	1000.0	861.8	86.2

55



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

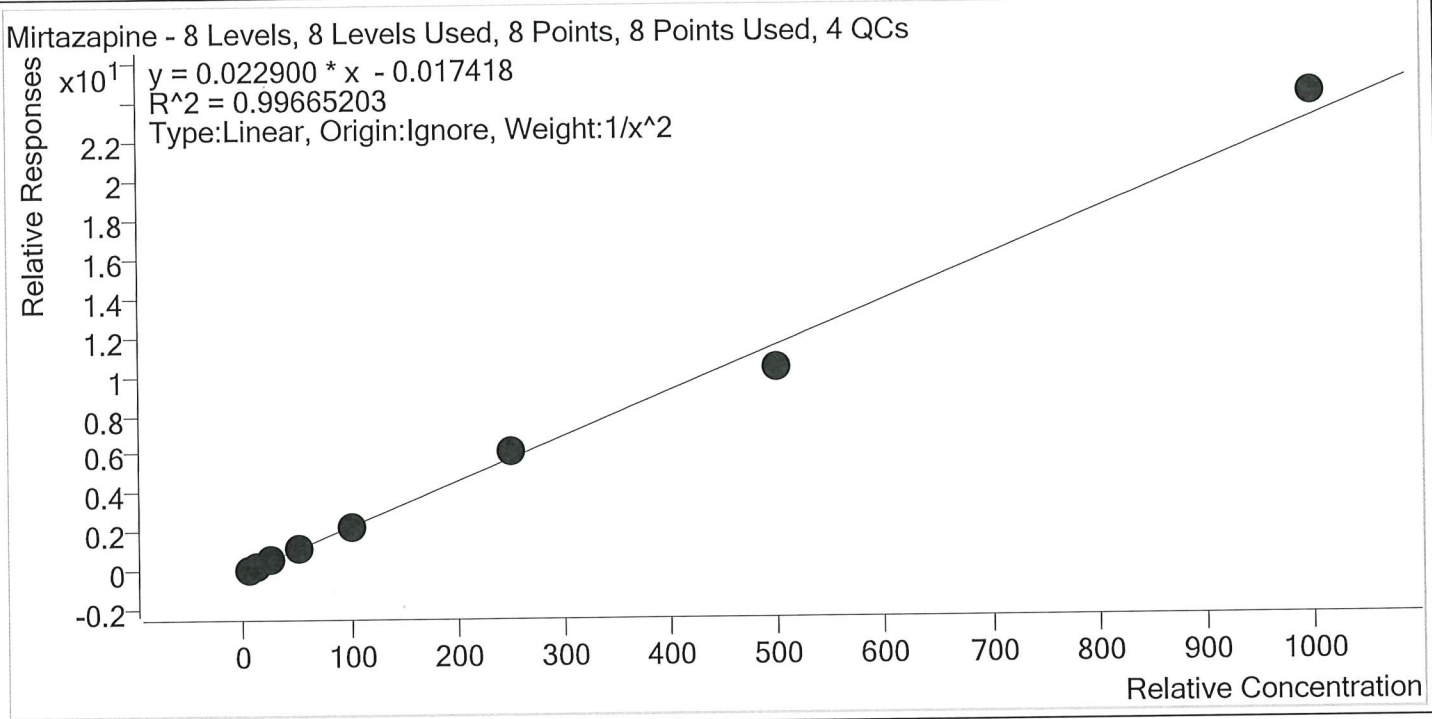


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.8
p1 Cal 4-50ng	4	✓	50.0	51.5	103.1
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	264.0	105.6
p1 Cal 7-500ng	7	✓	500.0	497.6	99.5
p1 Cal 8-1000ng	8	✓	1000.0	920.1	92.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



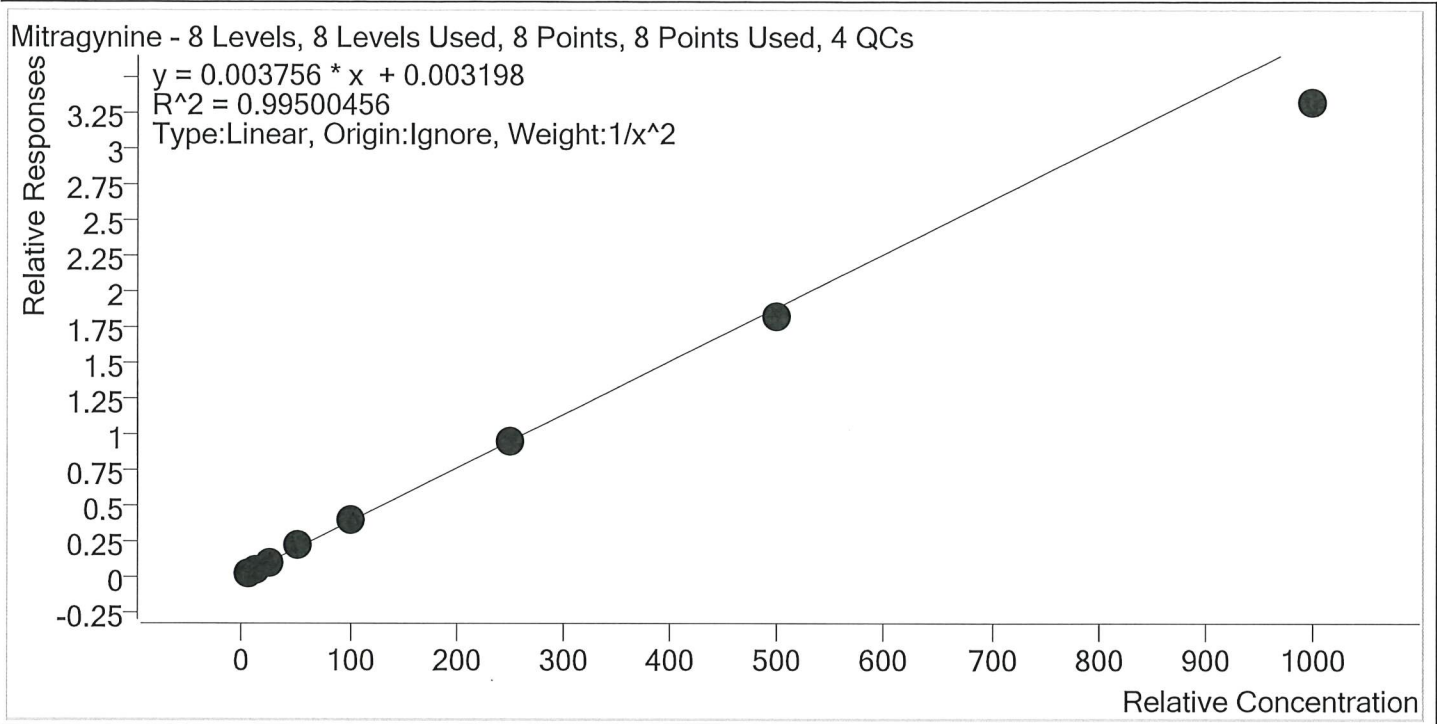
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	264.0	105.6
p1 Cal 7-500ng	7	✓	500.0	452.0	90.4
p1 Cal 8-1000ng	8	✓	1000.0	1054.5	105.4

59



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

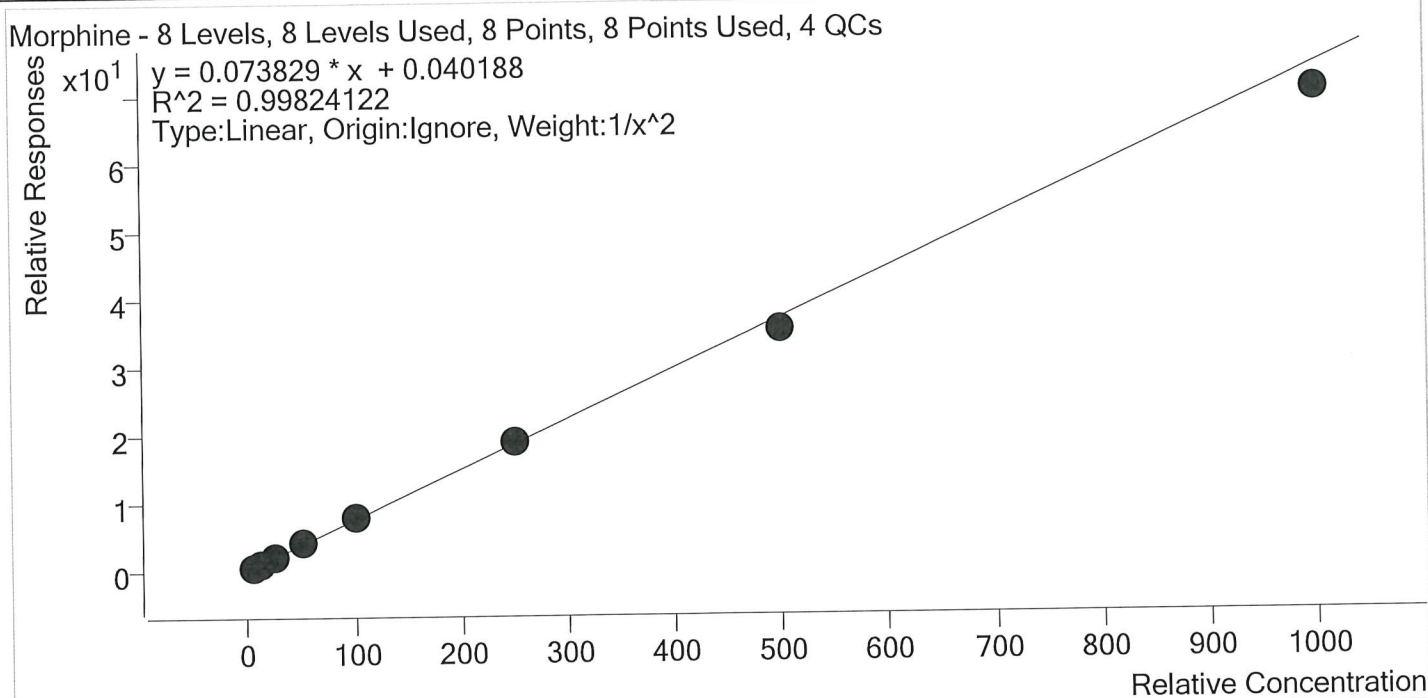


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	54.3	108.7
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	483.4	96.7
p1 Cal 8-1000ng	8	✓	1000.0	882.2	88.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 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	98.2
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	52.2	104.3
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	474.9	95.0
p1 Cal 8-1000ng	8	✓	1000.0	949.5	94.9



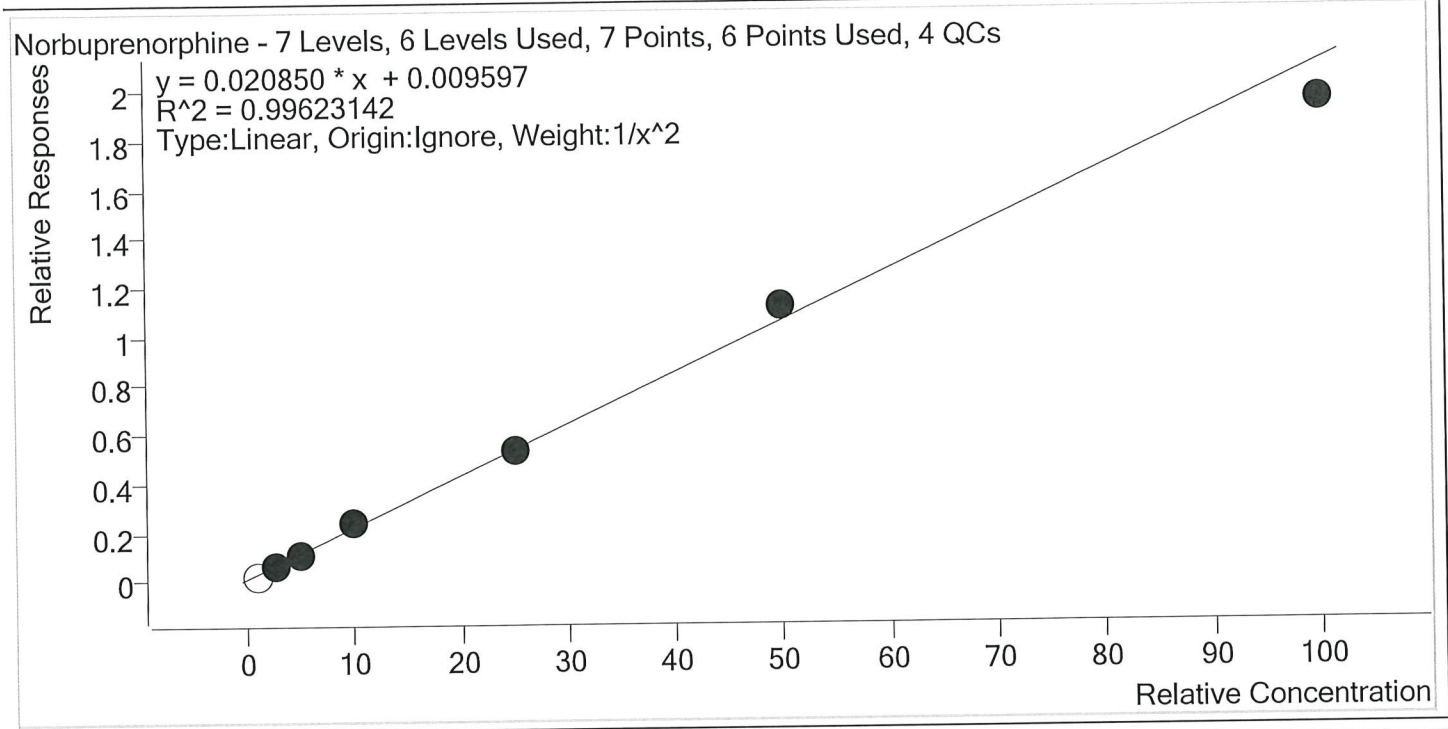
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin

Last Cal. Update 12/31/2020 1:46 PM

Analyst Name ISP\datastor

Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

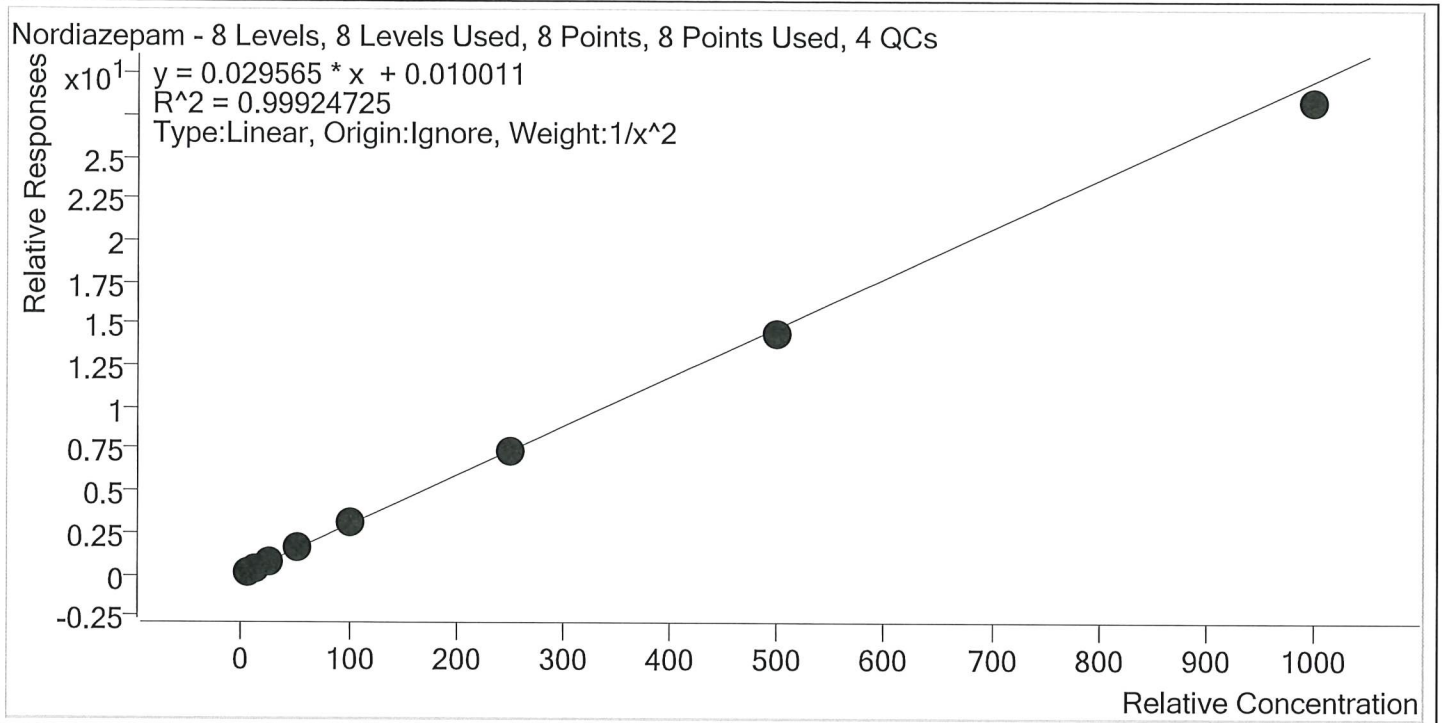


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2- 10ng	2	×	1.0	0.5	52.0
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.3
p1 Cal 4-50ng	4	✓	5.0	4.9	98.8
p1 Cal 5-100ng	5	✓	10.0	10.6	105.7
p1 Cal 6-250ng	6	✓	25.0	24.6	98.3
p1 Cal 7-500ng	7	✓	50.0	52.7	105.4
p1 Cal 8-1000ng	8	✓	100.0	92.6	92.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	490.5	98.1
p1 Cal 8-1000ng	8	✓	1000.0	956.6	95.7

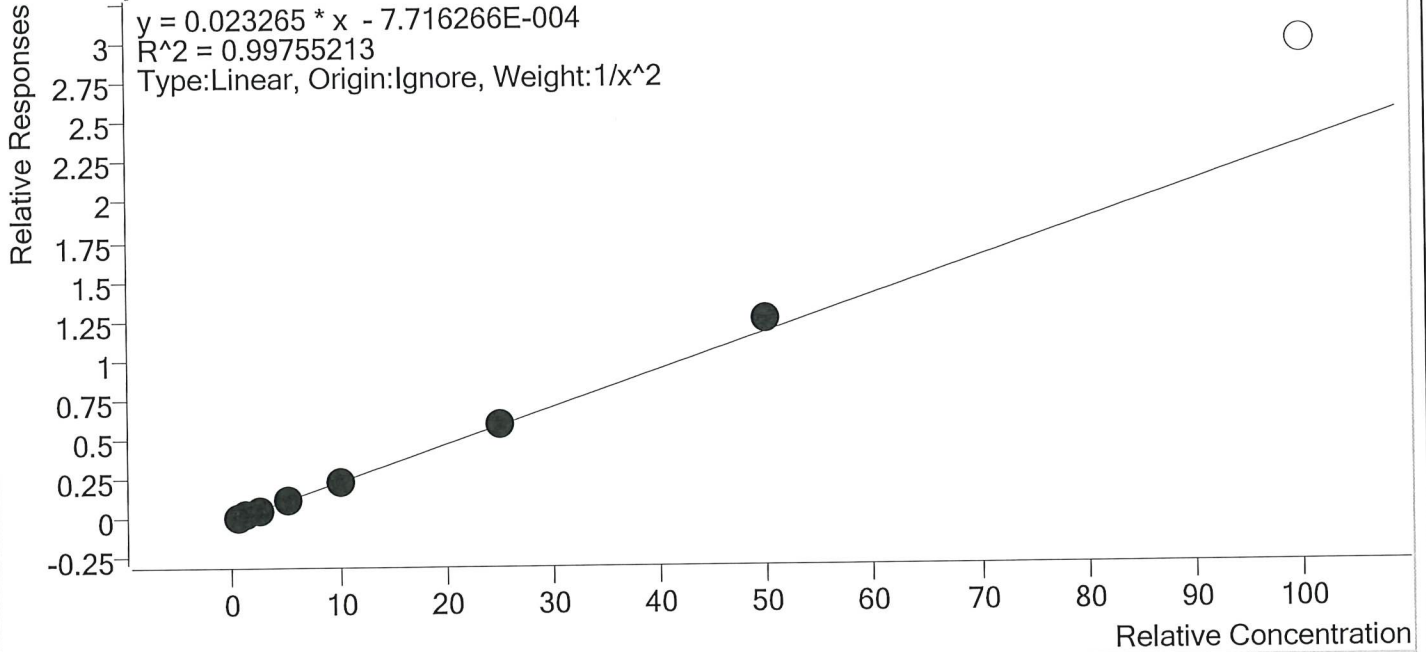
ST



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

Norfentanyl - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



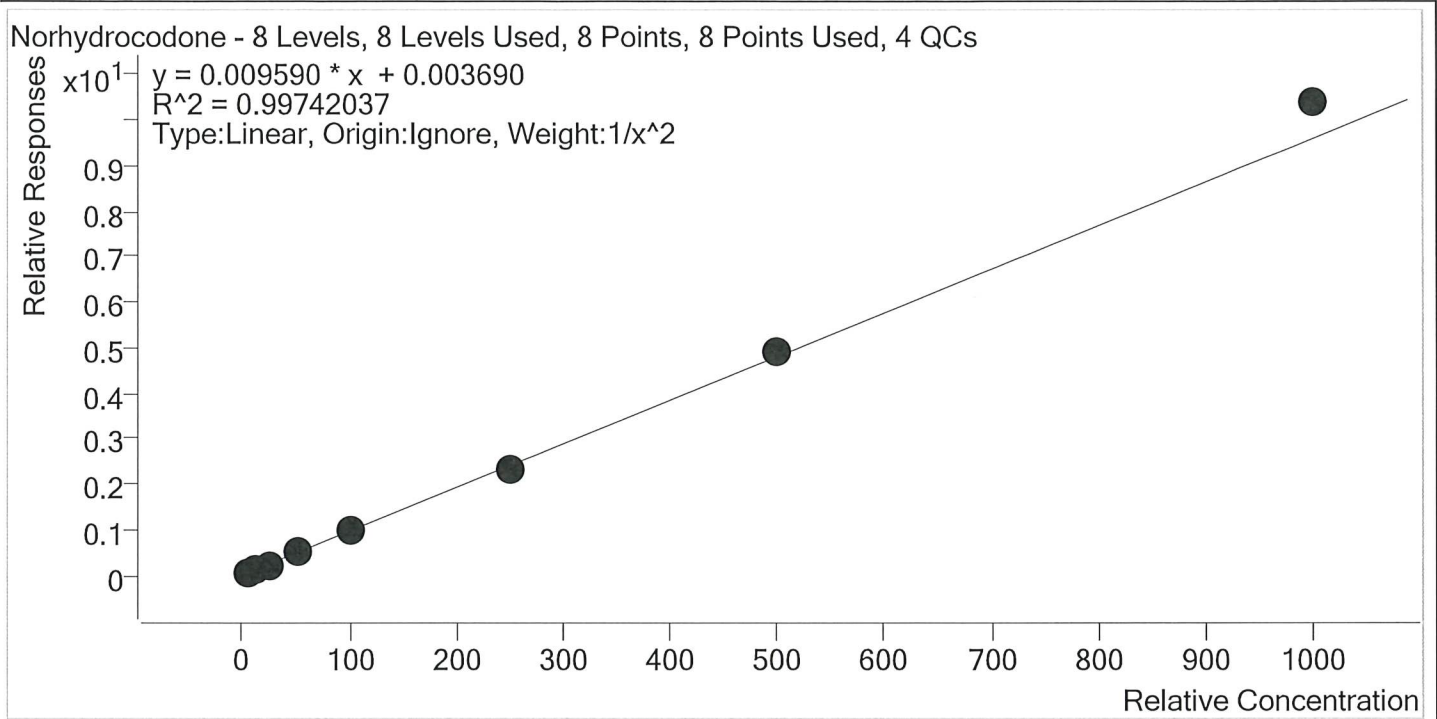
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.1
p1 Cal 2- 10ng	2	✓	1.0	1.0	100.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.3
p1 Cal 4-50ng	4	✓	5.0	4.8	95.9
p1 Cal 5-100ng	5	✓	10.0	9.7	96.8
p1 Cal 6-250ng	6	✓	25.0	25.5	101.9
p1 Cal 7-500ng	7	✓	50.0	53.9	107.7
p1 Cal 8-1000ng	8	×	100.0	127.8	127.8

ST



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



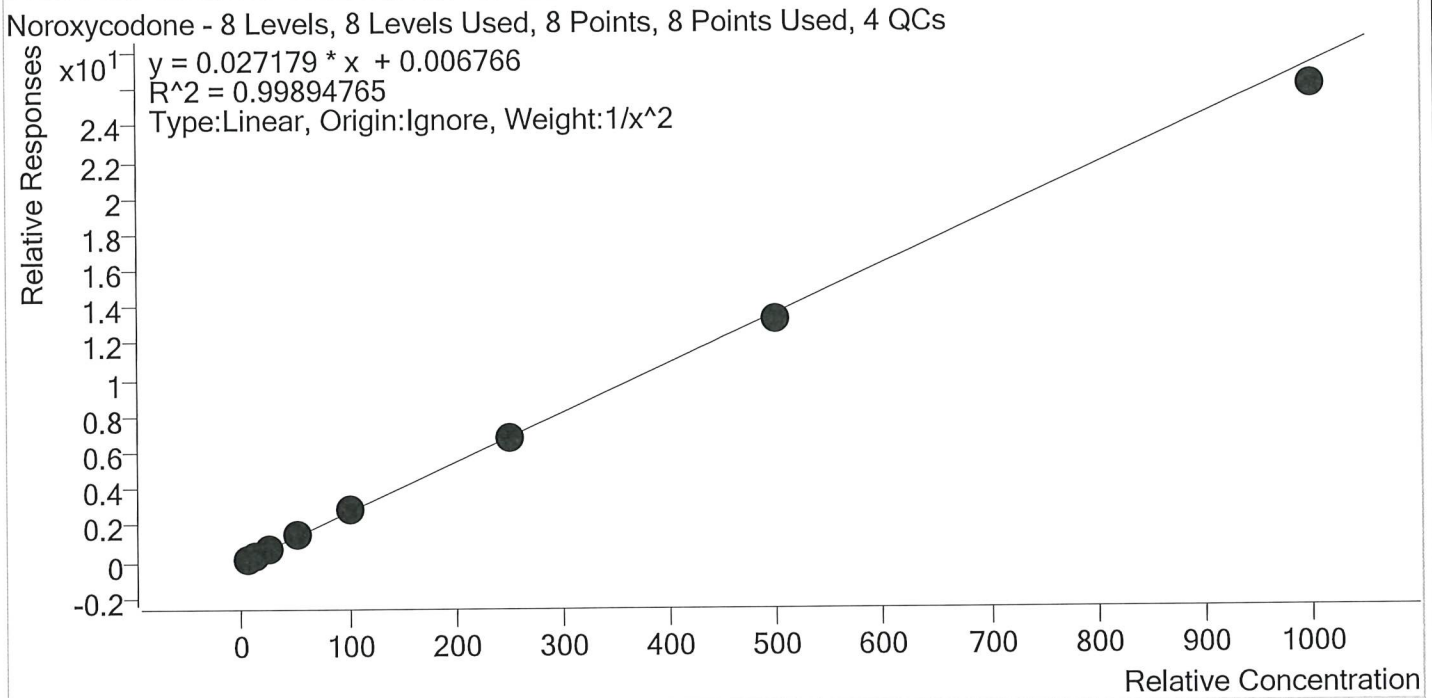
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.2
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	239.6	95.8
p1 Cal 7-500ng	7	✓	500.0	508.9	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1083.0	108.3

55



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
 Last Cal. Update 12/31/2020 1:46 PM
 Analyst Name ISP\datastor
 Analyte Noroxycodone Internal Standard Noroxycodone-D3



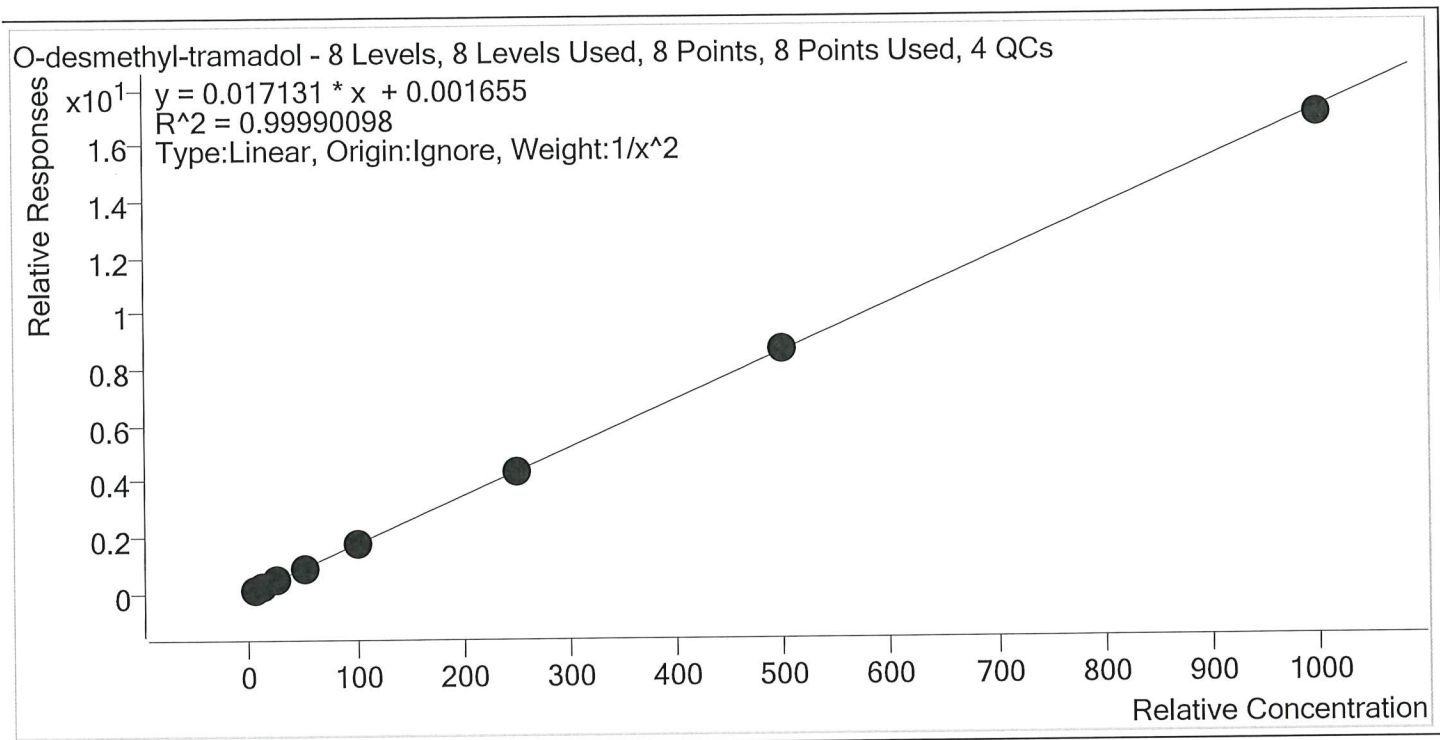
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	485.4	97.1
p1 Cal 8-1000ng	8	✓	1000.0	956.6	95.7

5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

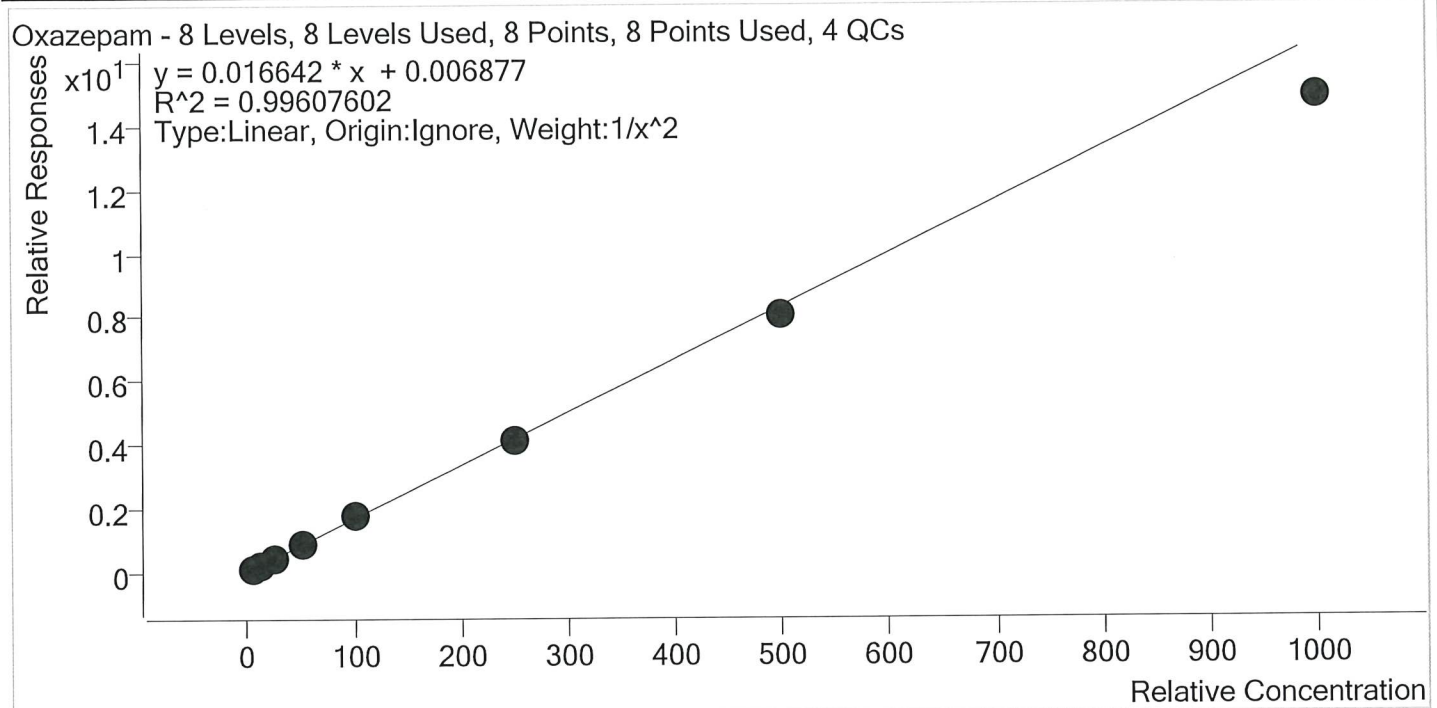


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	251.9	100.7
p1 Cal 7-500ng	7	✓	500.0	502.7	100.5
p1 Cal 8-1000ng	8	✓	1000.0	987.5	98.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



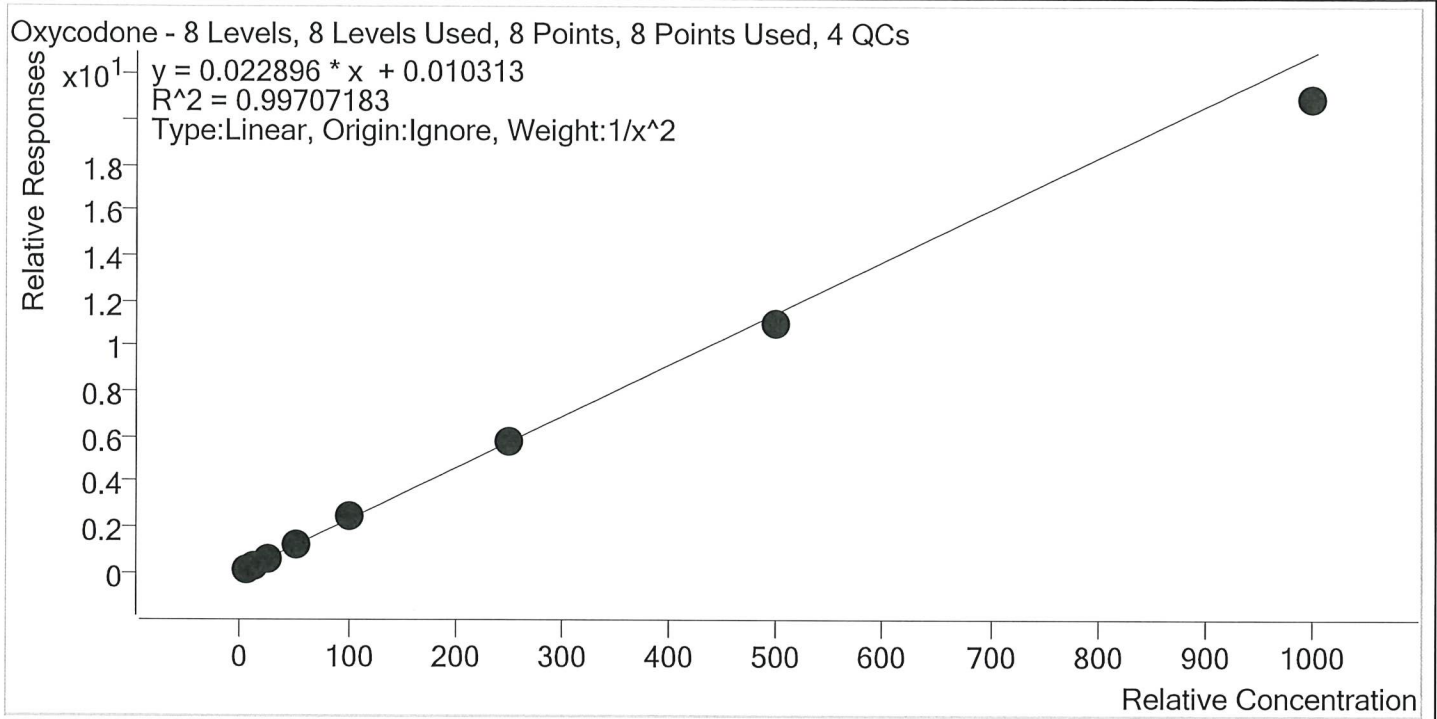
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.2
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	486.9	97.4
p1 Cal 8-1000ng	8	✓	1000.0	894.8	89.5

5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
 Last Cal. Update 12/31/2020 1:46 PM
 Analyst Name ISP\datastor
 Analyte Oxycodone Internal Standard Oxycodone-D6



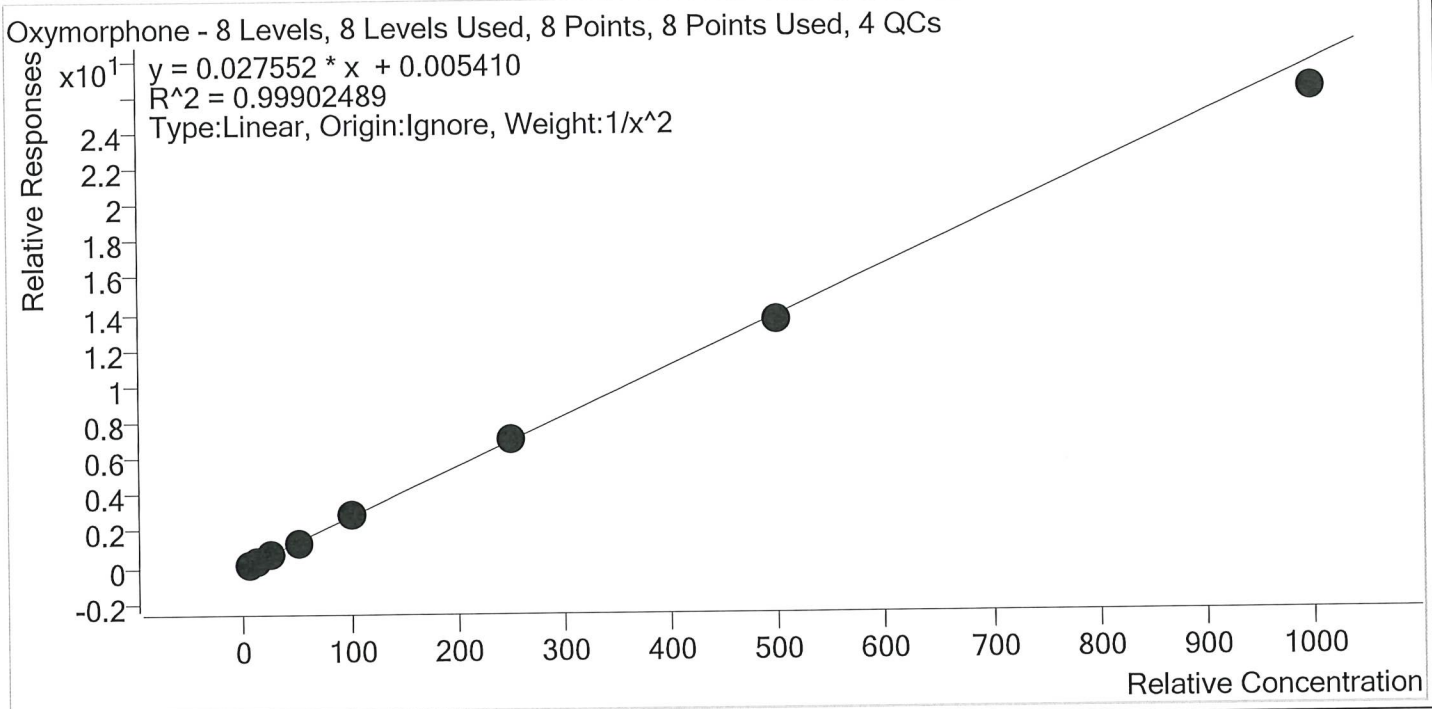
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	479.3	95.9
p1 Cal 8-1000ng	8	✓	1000.0	913.9	91.4

55



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



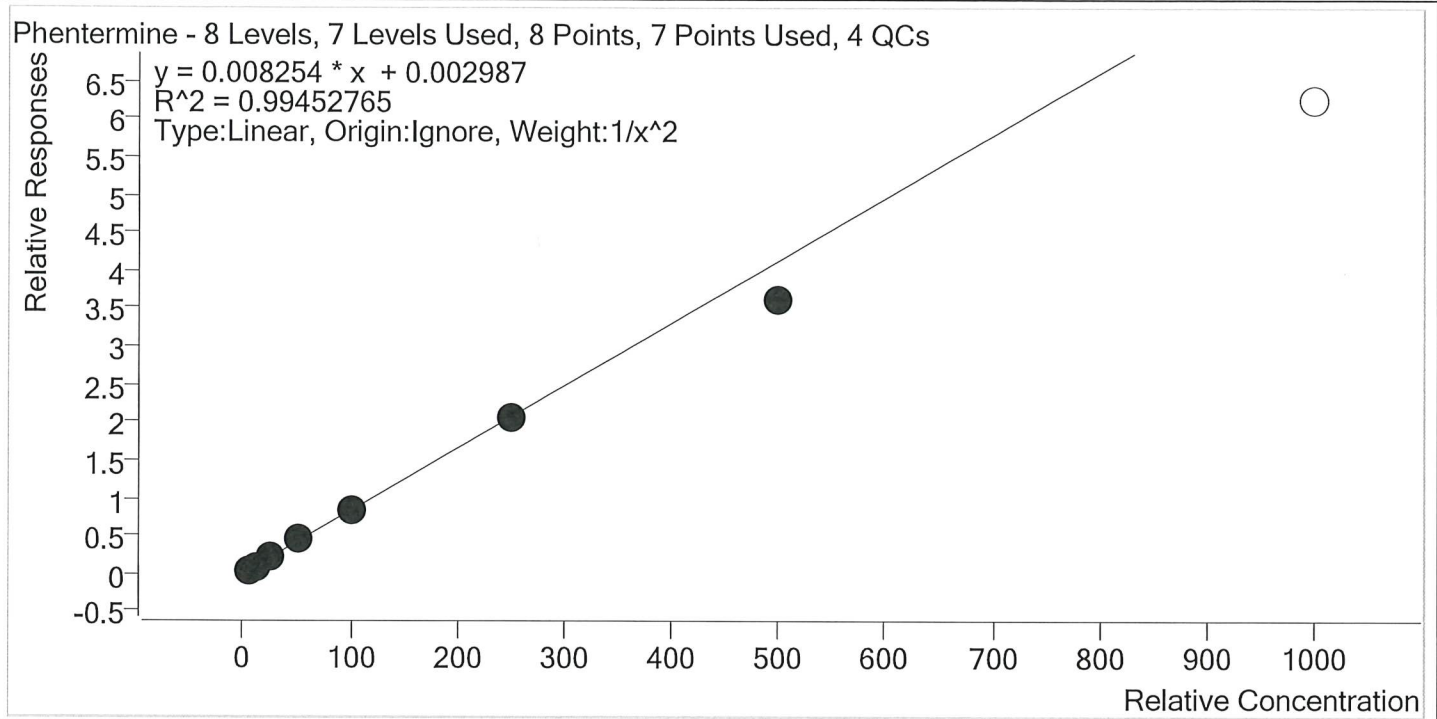
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	493.2	98.6
p1 Cal 8-1000ng	8	✓	1000.0	947.2	94.7

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng	7	✓	500.0	439.0	87.8
p1 Cal 8-1000ng	8	×	1000.0	756.5	75.6

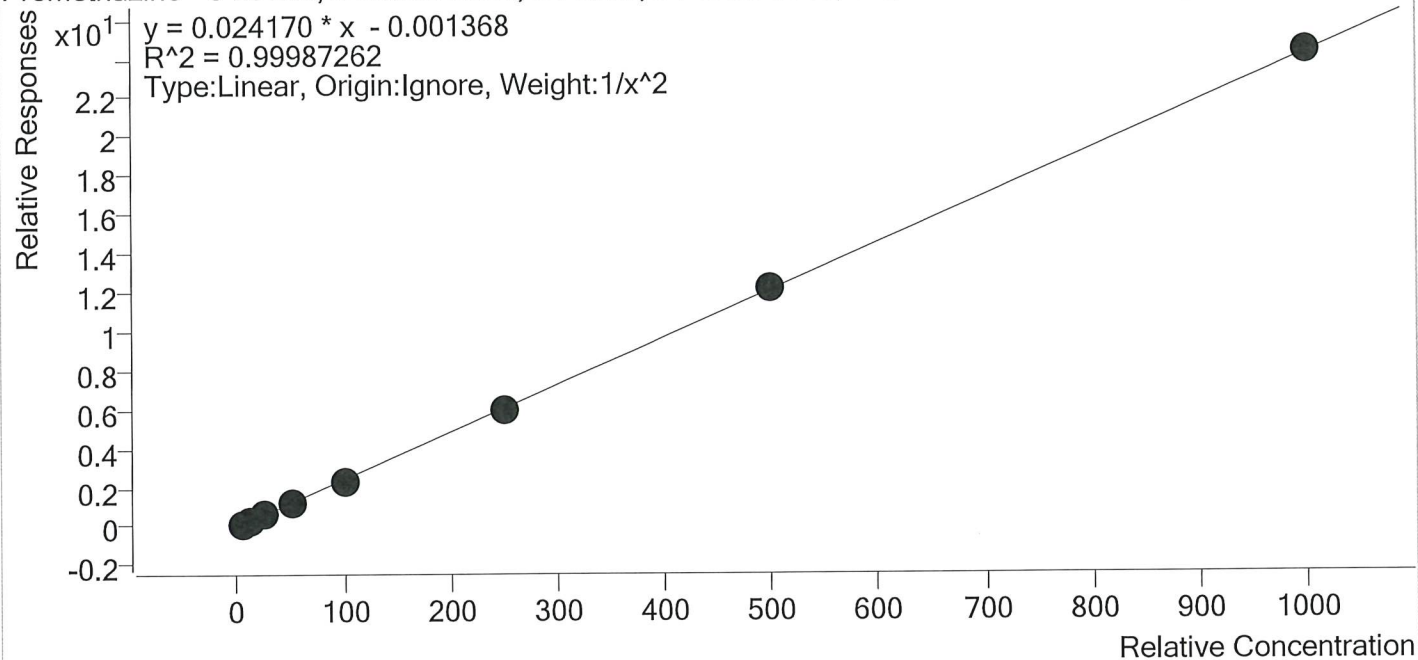
SJ



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
 Last Cal. Update 12/31/2020 1:46 PM
 Analyst Name ISP\datastor
 Analyte Promethazine Internal Standard Promethazine-D3

Promethazine - 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	100.2
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
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	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	507.2	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1003.7	100.4

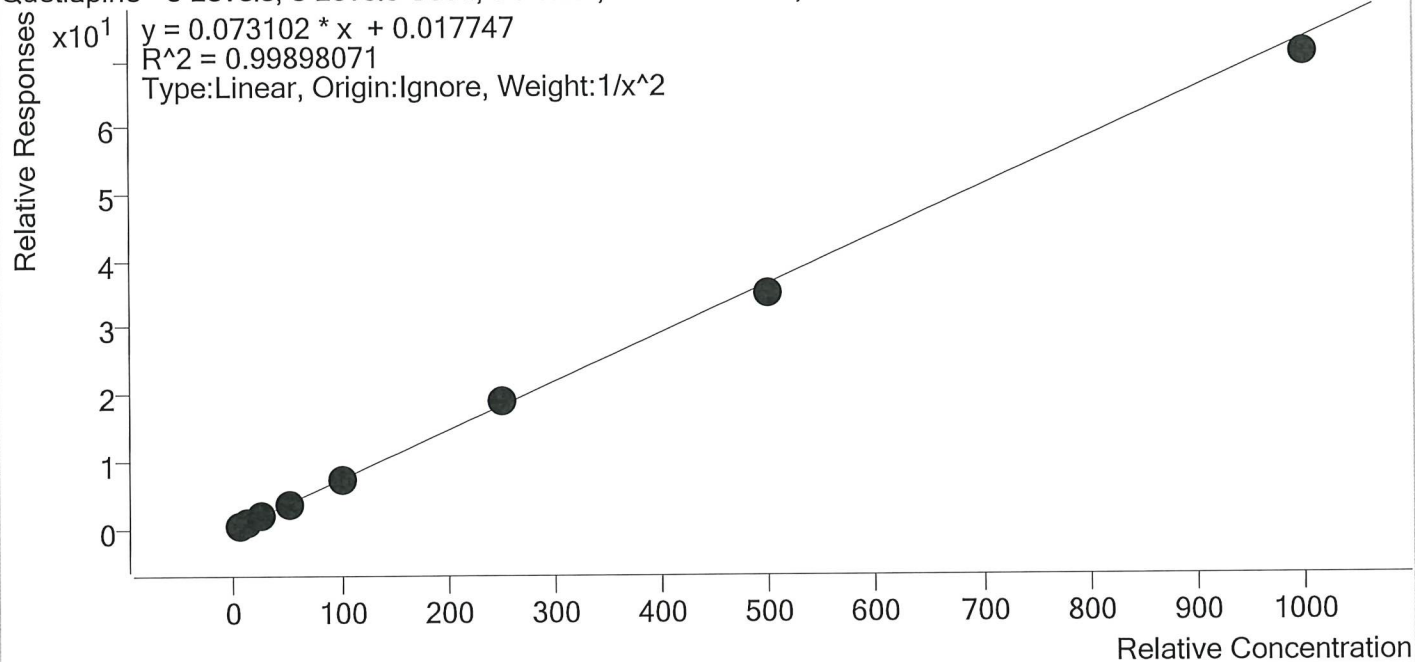
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
 Last Cal. Update 12/31/2020 1:46 PM
 Analyst Name ISP\datastor
 Analyte Quetiapine Internal Standard Quetiapine-D8

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



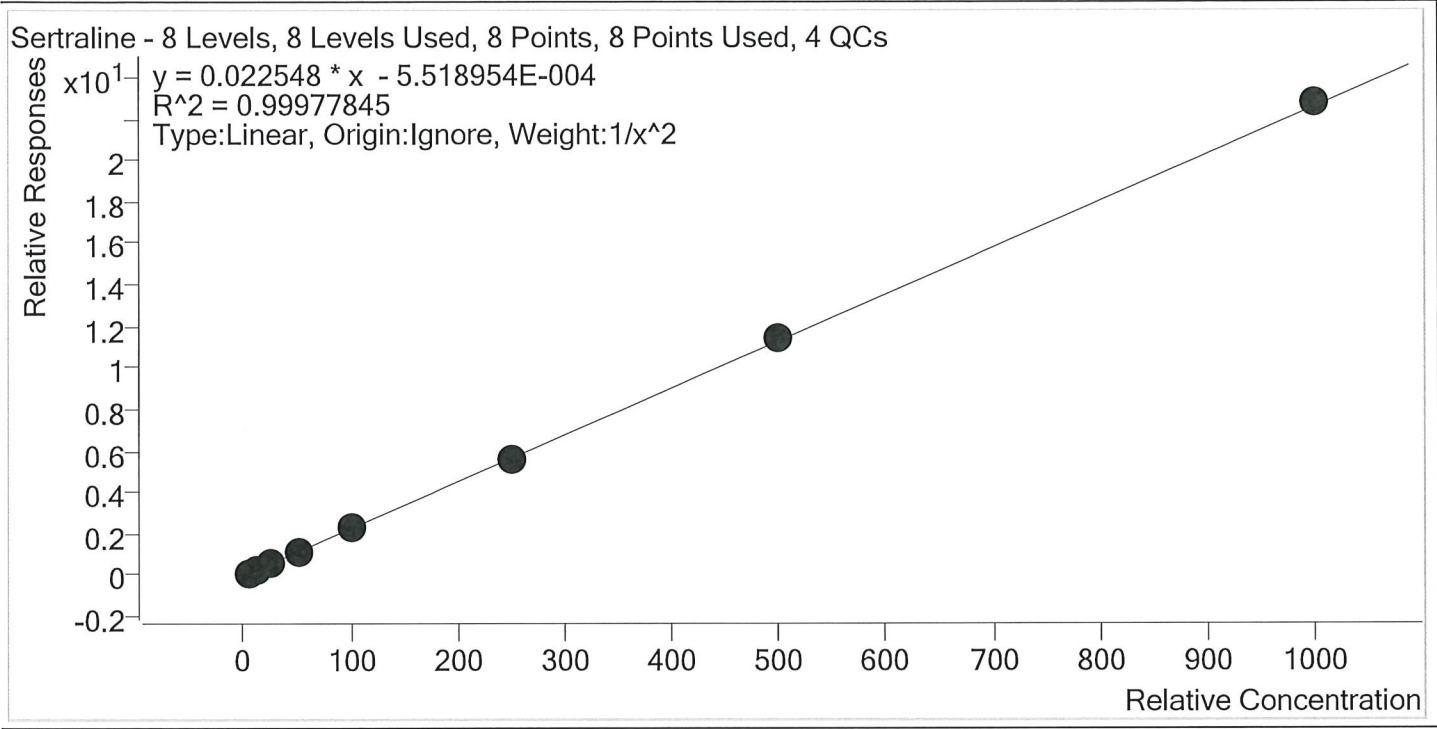
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	257.7	103.1
p1 Cal 7-500ng	7	✓	500.0	481.9	96.4
p1 Cal 8-1000ng	8	✓	1000.0	969.0	96.9

ST



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



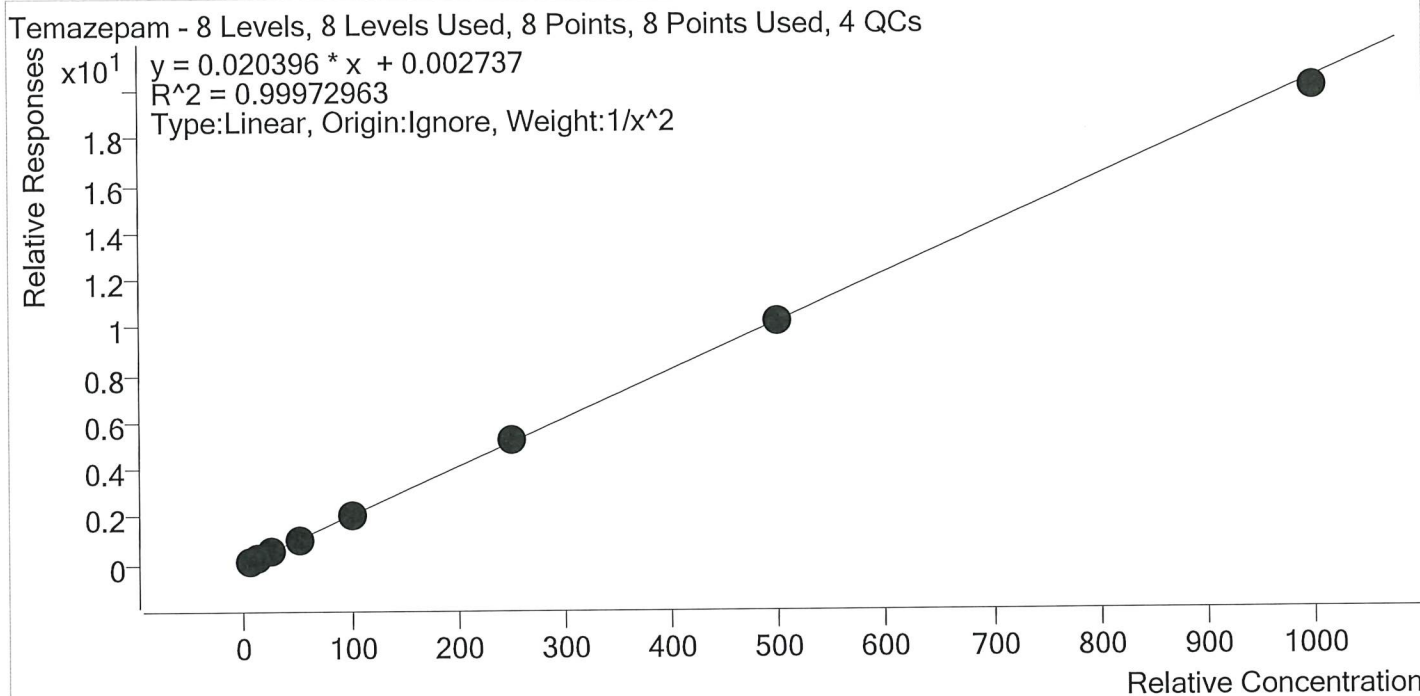
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	509.5	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1009.3	100.9

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



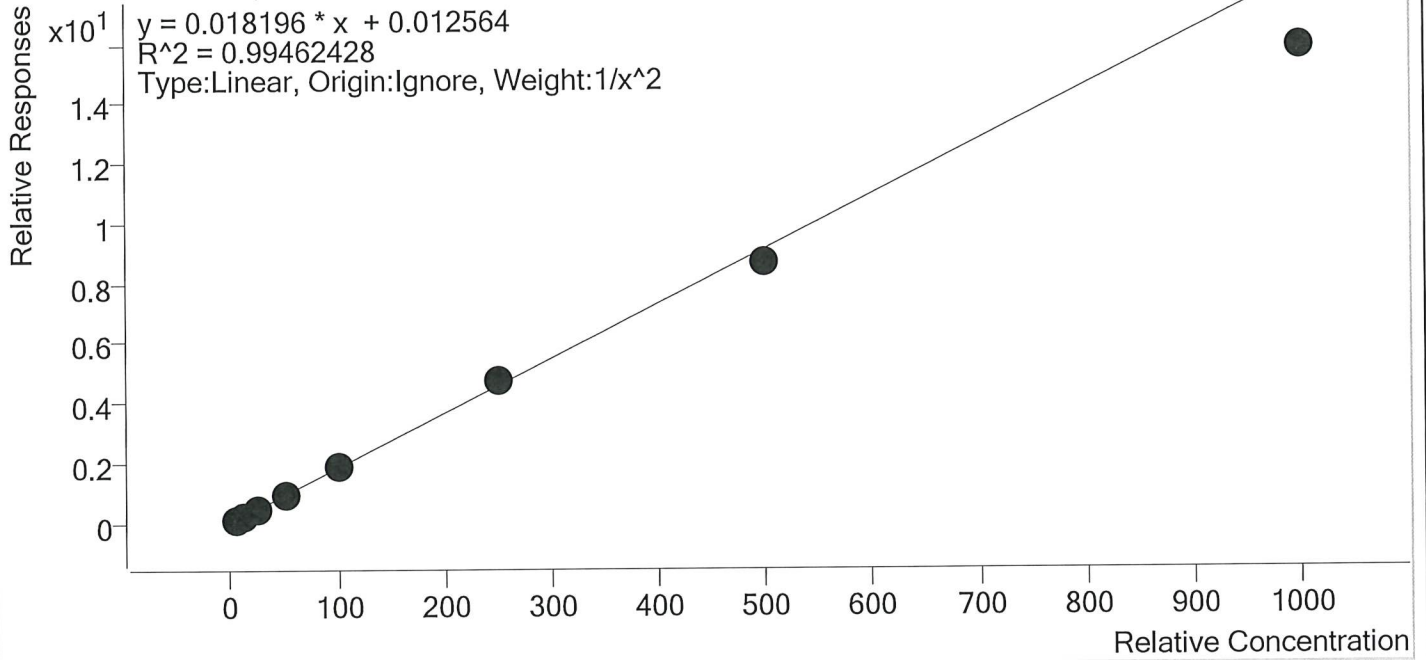
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	499.5	99.9
p1 Cal 8-1000ng	8	✓	1000.0	980.2	98.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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

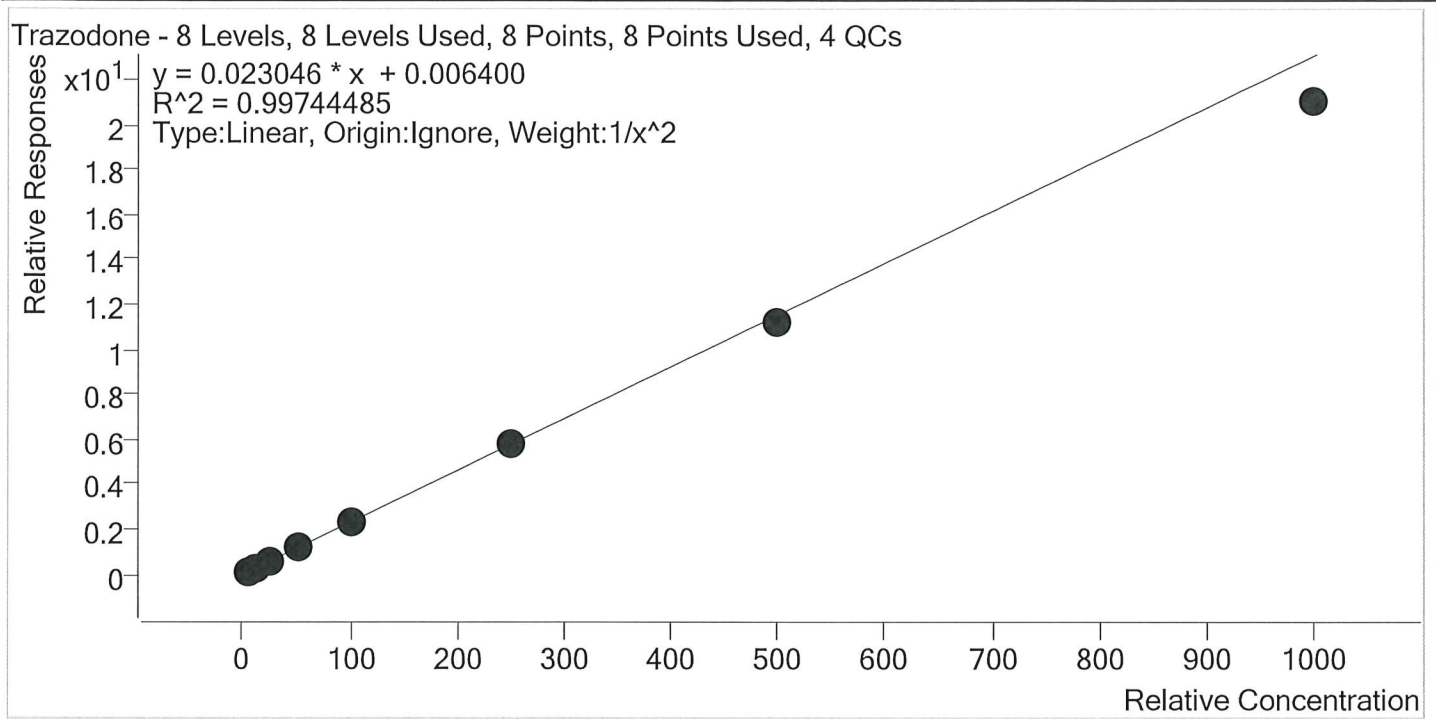


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	26.2	105.0
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	259.2	103.7
p1 Cal 7-500ng	7	✓	500.0	479.0	95.8
p1 Cal 8-1000ng	8	✓	1000.0	868.4	86.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

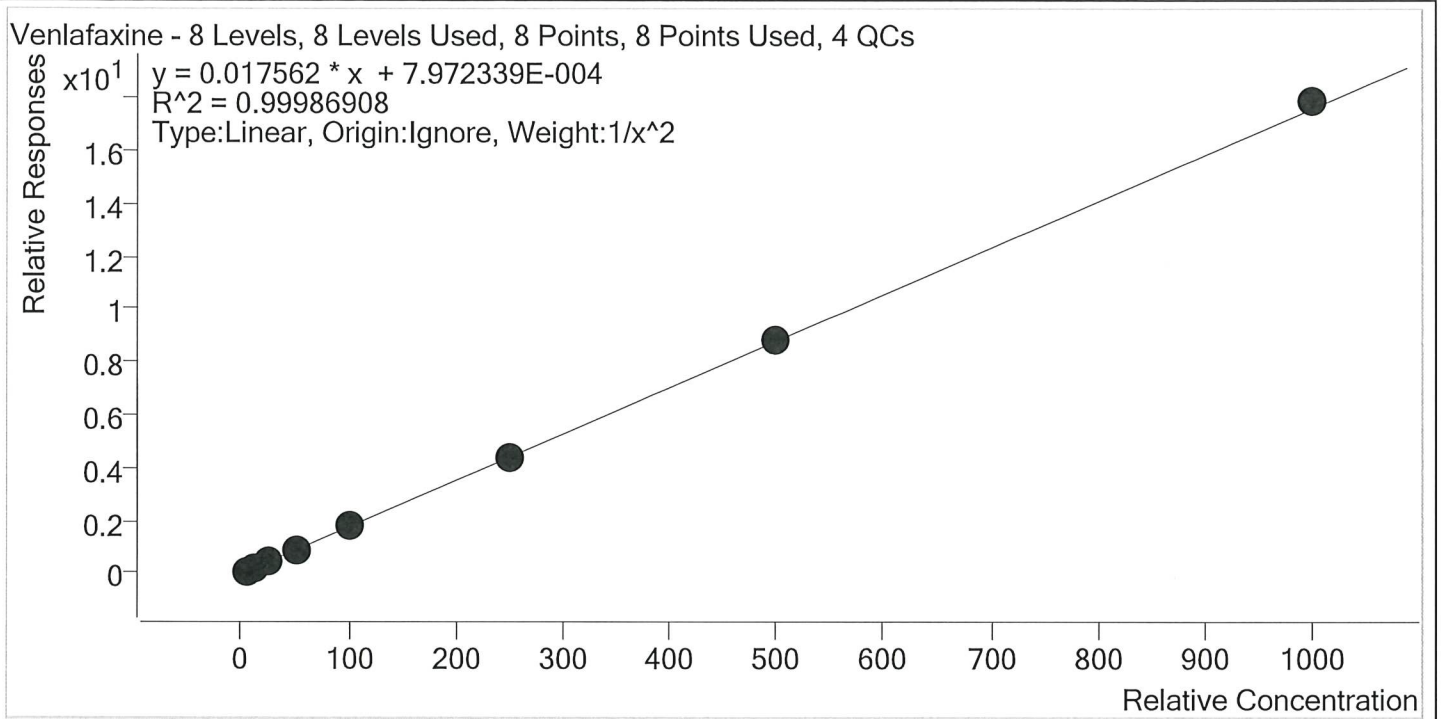


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	485.8	97.2
p1 Cal 8-1000ng	8	✓	1000.0	912.3	91.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



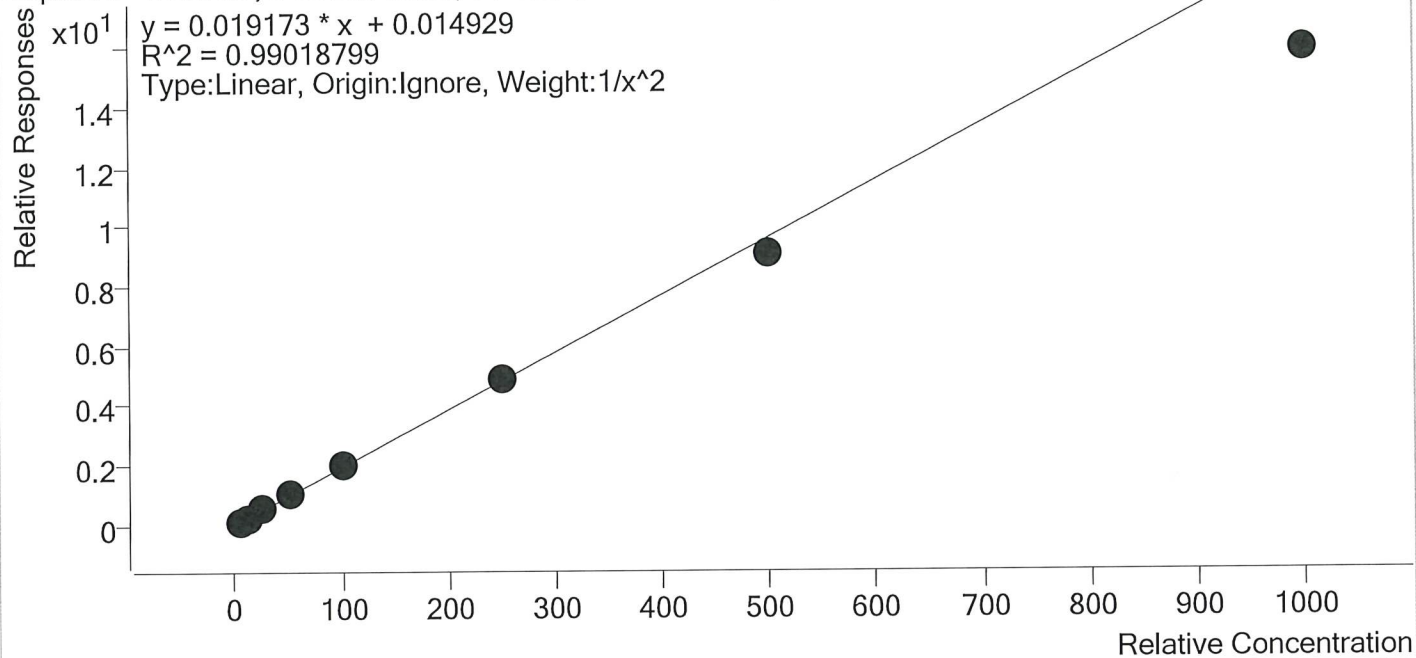
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	501.9	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1016.1	101.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Last Cal. Update 12/31/2020 1:46 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

Zolpidem - 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	4.8	96.0
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	471.8	94.4
p1 Cal 8-1000ng	8	✓	1000.0	827.5	82.8

5

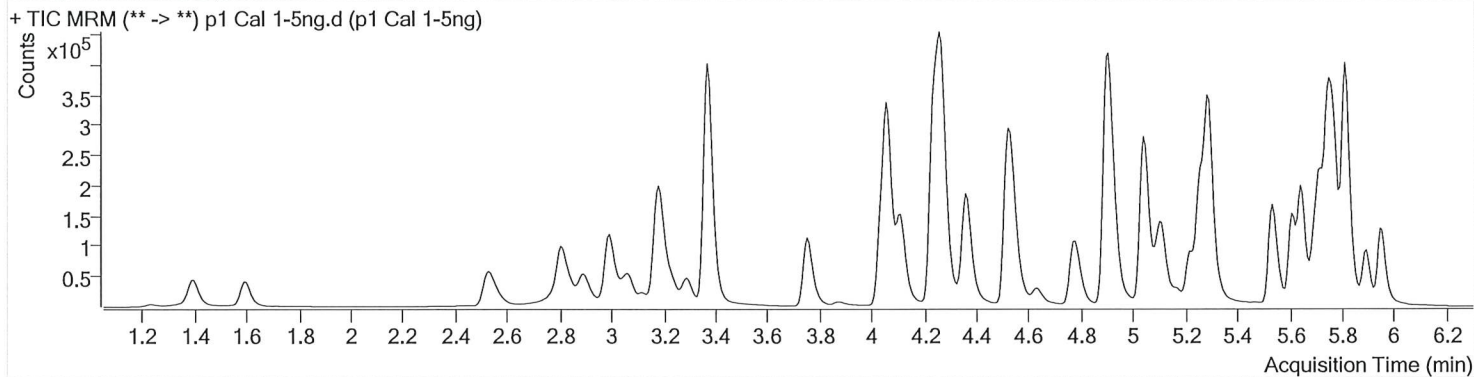


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 PM

Instrument	Instrument 1	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sophia Jackson
Sample Position	P2-A1	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 7:14:40 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	833	367.74	78.8	∞	36672	0.5010 ng/ml
7-aminoclonazepam	4.277	24266	∞	79.8	79.85	175583	5.0736 ng/ml
a-hydroxyalprazolam	5.695	11490	551.74	62.1	592.64	62251	4.9545 ng/ml
alpha-PHP	4.942	9987	1188.47	273.5	4208.16	406971	4.7682 ng/ml
alpha-PVP	4.375	47428	3529.58	51.1	1456.71	406971	4.9849 ng/ml
Alprazolam	5.778	35749	474.53	112.7	∞	239913	5.0798 ng/ml
Amphetamine	3.071	62875	1523.53	53.3	∞	125748	4.8140 ng/ml
Benzoylcegonine	3.898	1878	136.20	9.2	257.39	12432	5.1034 ng/ml
Buprenorphine	5.843	550	∞	14.1	207.12	41037	0.5217 ng/ml
Bupropion	4.793	40866	896.12	59.8	846.42	256800	5.0318 ng/ml
Carisoprodol	5.727	31939	9611.29	53.2	∞	316574	5.0086 ng/ml
Citalopram	5.223	20714	360.77	45.1	314.58	182317	5.0230 ng/ml
Clonazepam	5.615	46570	1396.14	33.0	30260.56	102653	4.8221 ng/ml
Cocaine	4.263	36824	4364.78	52.4	1769.41	595373	4.9758 ng/ml
Codeine	2.583	5001	883.79	100.5	290.66	46066	4.9082 ng/ml
Cyclobenzaprine	5.618	16184	43.73	9.5	86.52	124621	5.0799 ng/ml
Dextromethorphan	5.266	11658	3511.22	82.4	726.04	107084	4.9793 ng/ml
Dextrorphan	4.111	11830	3515.18	209.5	90119.16	280355	5.0017 ng/ml
Diazepam	5.956	23785	1053.13	88.4	326.82	229142	4.9735 ng/ml
Dihydrocodeine	2.562	13060	813.99	64.1	1474.70	132912	4.9431 ng/ml
Diphenhydramine	5.294	49692	458.29	33.6	686.73	653475	5.0079 ng/ml
Doxylamine	4.541	91029	11895.55	96.8	28224.70	762294	4.9867 ng/ml
EDDP	5.258	32946	4081.88	43.2	788.07	345807	4.9906 ng/ml
Fentanyl	5.107	1847	184.98	70.0	∞	155116	0.5036 ng/ml
Fluoxetine	5.703	17889	507.04	9.4	1283.37	138339	5.0484 ng/ml
Hydrocodone	3.020	19749	81.55	33.7	81.72	208854	4.8742 ng/ml
Hydromorphone	1.608	15773	551.50	74.4	113.19	98054	4.9901 ng/ml
Ketamine	4.058	38655	6135.40	38.3	155.67	347118	4.8884 ng/ml
Lamotrigine	4.279	3537	848.04	83.5	9501.33	347118	4.7543 ng/ml
Lorazepam	5.750	40238	∞	56.5	∞	102653	4.8004 ng/ml
MDA	3.204	51858	1535.27	22.2	113.10	256735	4.8490 ng/ml
MDMA	3.298	31286	1958.49	72.5	753.96	61263	5.0112 ng/ml
Meprobamate	4.929	18490	8225.76	26.4	2367.36	159188	4.8133 ng/ml

SJ



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	36865	847.14	45.4	219.22	322549	5.0226 ng/ml
Methamphetamine	3.239	36842	52.23	41.4	198.50	292037	4.8221 ng/ml
Metoprolol	4.332	7428	11387.63	85.1	714.33	796533	5.0453 ng/ml
Mirtazapine	4.629	39013	6885.72	47.7	1693.29	406971	4.9466 ng/ml
Mitragynine	5.241	6964	1775.37	36.6	181.77	322549	4.8968 ng/ml
Morphine	1.246	2689	333.54	27.1	∞	6679	4.9087 ng/ml
Nordiazepam	5.903	23174	275.62	57.6	2401.92	147776	4.9656 ng/ml
Norfentanyl	4.085	7125	436.12	35.7	83.21	648532	0.5054 ng/ml
Norhydrocodone	3.068	2629	1101.61	38.0	48.44	49815	5.1192 ng/ml
Noroxycodone	2.911	19529	592.41	44.9	∞	139555	4.9000 ng/ml
O-desmethyl-tramadol	3.377	81151	643.79	7.0	156.59	930482	4.9945 ng/ml
Oxazepam	5.753	44158	∞	72.9	104.61	505966	4.8310 ng/ml
Oxycodone	2.836	39649	647.55	26.3	773.97	323175	4.9079 ng/ml
Oxymorphone	1.396	17775	313.81	44.3	254.84	125874	4.9291 ng/ml
Phentermine	3.790	12706	185.62	3.9	19.95	295766	4.8425 ng/ml
Promethazine	5.535	33325	6471.89	28.7	138.38	278406	5.0089 ng/ml
Quetiapine	5.552	23687	∞	59.2	96.17	62964	4.9034 ng/ml
Sertraline	5.772	8997	∞	98.3	10457.94	79499	5.0434 ng/ml
Temazepam	5.819	75950	3172.79	29.5	109.20	718787	5.0463 ng/ml
Tramadol	4.251	80817	7136.75	4.0	75.90	796533	4.8854 ng/ml
Trazodone	5.168	27035	∞	81.2	∞	225327	4.9284 ng/ml
Venlafaxine	5.041	57454	1234.96	40.3	372.17	642974	5.0426 ng/ml
Zolpidem	4.926	97881	11415.67	31.5	1882.75	914906	4.8014 ng/ml

SJ

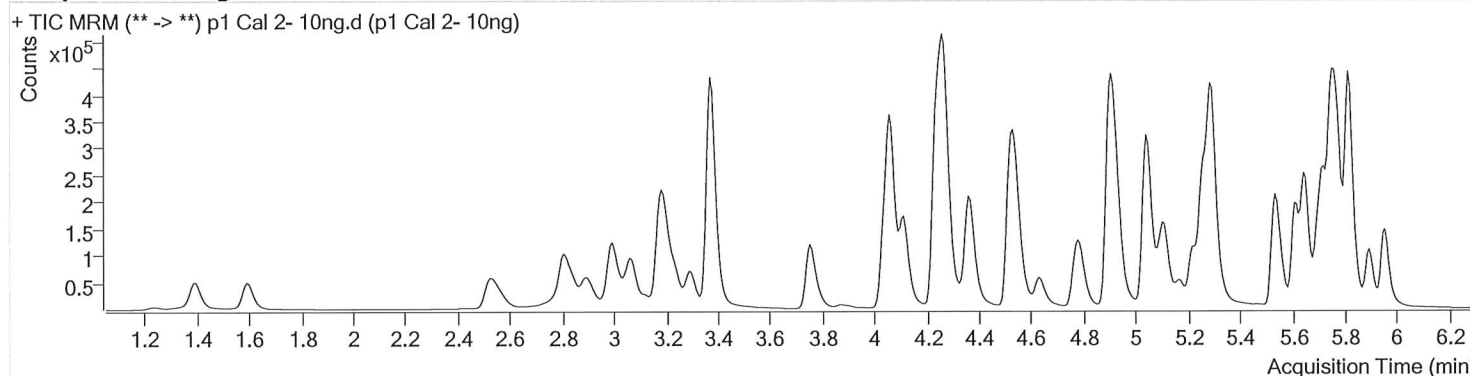


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 PM

Instrument	Instrument 1	Data File	p1 Cal 2- 10ng.d
Type	Cal	Sample	p1 Cal 2- 10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sophia Jackson
Sample Position	P2-B1	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 7:25:25 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	1658	1271.79	73.6	3475.76	35897	1.0131 ng/ml
7-aminoclonazepam	4.277	46187	∞	80.6	∞	169267	9.8415 ng/ml
a-hydroxyalprazolam	5.695	21648	283.84	58.1	636.71	62486	9.8511 ng/ml
alpha-PHP	4.942	20095	664.17	267.4	1243.44	401303	10.3867 ng/ml
alpha-PVP	4.369	93208	15607.65	52.2	3557.28	401303	10.0973 ng/ml
Alprazolam	5.778	68328	684.33	114.9	499.74	234386	9.8131 ng/ml
Amphetamine	3.071	135283	∞	52.4	∞	136051	10.3930 ng/ml
Benzoylcegonine	3.898	3473	∞	9.0	51.84	12093	9.8405 ng/ml
Buprenorphine	5.843	1144	482.30	17.7	803.88	43577	0.9369 ng/ml
Bupropion	4.793	80723	18640.32	60.7	186.98	264551	9.8350 ng/ml
Carisoprodol	5.727	60806	304.60	51.8	134.74	311585	9.9757 ng/ml
Citalopram	5.216	45138	2226.22	43.9	2090.03	201890	9.8928 ng/ml
Clonazepam	5.615	90396	2288.87	33.0	924.08	101667	10.2367 ng/ml
Cocaine	4.263	76091	76510.86	51.1	6502.13	604585	10.1429 ng/ml
Codeine	2.577	9878	493.85	102.2	1159.86	46725	10.1232 ng/ml
Cyclobenzaprine	5.618	37033	255.95	9.4	∞	146156	9.7495 ng/ml
Dextromethorphan	5.266	26392	∞	77.9	∞	120963	10.0858 ng/ml
Dextrorphan	4.111	23956	538.15	204.7	109956.49	285516	9.9814 ng/ml
Diazepam	5.956	46015	187.89	88.4	2369.93	225221	10.0126 ng/ml
Dihydrocodeine	2.555	25076	300.26	63.6	220.50	134418	9.9051 ng/ml
Diphenhydramine	5.294	111365	30565.52	32.2	3100.81	724999	10.0295 ng/ml
Doxylamine	4.541	180571	2411.50	97.5	2823.43	779264	9.9690 ng/ml
EDDP	5.258	69221	365.53	42.4	1193.39	361829	9.9944 ng/ml
Fentanyl	5.107	3978	43.18	65.4	6693.18	177445	0.9816 ng/ml
Fluoxetine	5.703	40132	5678.15	9.2	259.24	162243	9.6884 ng/ml
Hydrocodone	3.020	37353	122.58	36.7	141.07	214610	9.8874 ng/ml
Hydromorphone	1.601	30493	233.49	76.5	789.89	97667	9.9579 ng/ml
Ketamine	4.058	77243	4037.16	37.9	133.81	350481	10.2823 ng/ml
Lamotrigine	4.286	7669	801.99	79.1	19205.76	350481	10.6973 ng/ml
Lorazepam	5.750	75843	∞	57.6	189.43	101667	10.2881 ng/ml
MDA	3.204	108438	3429.28	21.7	270.94	266813	10.3031 ng/ml
MDMA	3.298	63721	6590.99	74.7	∞	65046	9.8307 ng/ml
Meprobamate	4.929	36465	2810.20	25.7	2050.51	155004	10.4088 ng/ml

ST



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	82546	∞	45.3	906.64	362828	9.9356 ng/ml
Methamphetamine	3.239	79817	356.82	40.2	252.81	328079	10.2667 ng/ml
Metoprolol	4.332	14549	504.02	90.1	∞	834710	9.7344 ng/ml
Mirtazapine	4.629	86704	1478.56	47.4	1488.90	401303	10.1952 ng/ml
Mitragynine	5.241	14843	35963.96	38.2	3956.94	362828	10.0398 ng/ml
Morphine	1.240	4994	3431.04	26.0	567.51	6345	10.1173 ng/ml
Norbuprenorphine	4.984	127	240.97	114.6 High	398.64	6220	0.5197 ng/ml
Nordiazepam	5.903	45328	456.74	57.9	372.85	147859	10.0307 ng/ml
Norfentanyl	4.085	14820	218.88	35.6	237.54	657423	1.0021 ng/ml
Norhydrocodone	3.068	4822	51.75	41.8	107.37	49617	9.7489 ng/ml
Noroxycodone	2.911	39487	∞	42.9	1127.28	137862	10.2896 ng/ml
O-desmethyl-tramadol	3.377	161592	579.85	7.0	2411.39	929056	10.0567 ng/ml
Oxazepam	5.753	88741	∞	73.3	∞	494164	10.3774 ng/ml
Oxycodone	2.836	78662	773.89	26.8	∞	325575	10.1018 ng/ml
Oxymorphone	1.396	35411	560.23	41.5	183.41	124473	10.1292 ng/ml
Phentermine	3.790	27743	615.32	4.0	53.41	313966	10.3432 ng/ml
Promethazine	5.535	75234	4714.49	27.8	336.34	313797	9.9758 ng/ml
Quetiapine	5.552	53801	∞	56.9	175.51	69347	10.3701 ng/ml
Sertraline	5.772	20163	3796.28	101.8	1571.35	90497	9.9056 ng/ml
Temazepam	5.819	143457	3778.33	30.5	291.81	709289	9.7820 ng/ml
Tramadol	4.251	164096	12122.53	3.6	94.28	834710	10.1134 ng/ml
Trazodone	5.168	60467	∞	79.1	24815.26	254596	10.0276 ng/ml
Venlafaxine	5.041	116281	5550.51	40.1	1217.30	667015	9.8809 ng/ml
Zolpidem	4.926	194256	∞	31.1	1647.19	913312	10.3149 ng/ml

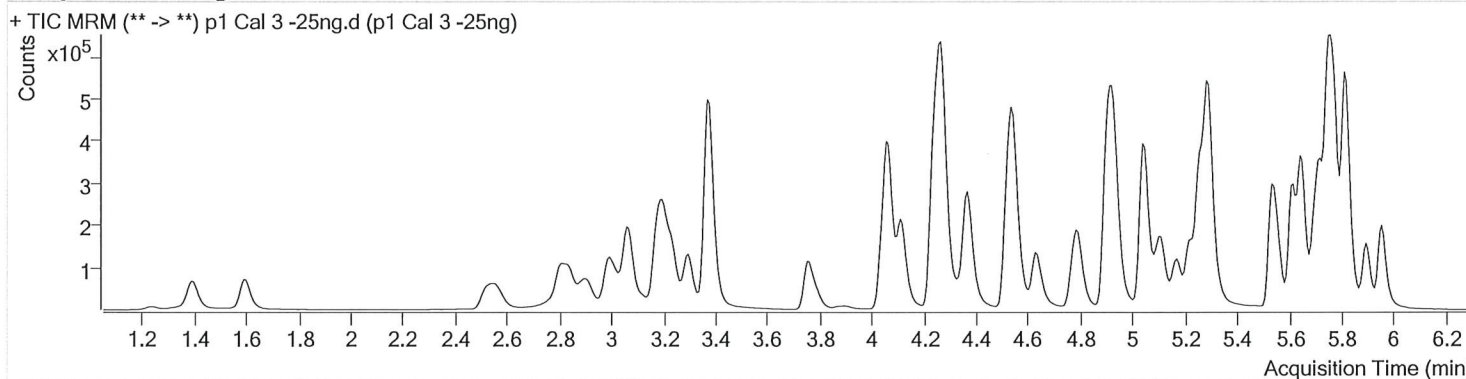


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
 Calibration Last Update 12/31/2020 1:46:47 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	Sophia Jackson
Sample Position	P2-C1	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 7:36:00 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	3889	13698.07	70.1	6293.68	35457	2.3996 ng/ml
7-aminoclonazepam	4.277	111297	7963.49	81.8	∞	161430	24.5914 ng/ml
a-hydroxyalprazolam	5.695	53621	1156.57	58.2	320.61	60425	26.2161 ng/ml
alpha-PHP	4.942	48899	6218.71	267.0	3772.21	392829	26.7584 ng/ml
alpha-PVP	4.375	221272	560.69	53.0	6065.08	392829	24.7204 ng/ml
Alprazolam	5.778	163090	1393.60	115.2	1187.96	224671	24.2407 ng/ml
Amphetamine	3.071	320830	6360.81	53.2	3949.18	134256	26.1401 ng/ml
Benzoylcegonine	3.898	8396	170.22	8.2	458.66	12214	23.7660 ng/ml
Buprenorphine	5.850	3273	254.77	17.5	∞	44820	2.4449 ng/ml
Bupropion	4.793	202517	763.84	61.0	1738.05	265712	24.8713 ng/ml
Carisoprodol	5.727	145233	10138.64	53.9	553.95	308670	24.4856 ng/ml
Citalopram	5.223	113772	∞	45.3	7004.82	201308	25.0209 ng/ml
Clonazepam	5.615	214990	23418.59	33.4	∞	96789	26.7999 ng/ml
Cocaine	4.269	175695	∞	51.6	3688.30	574389	24.6760 ng/ml
Codeine	2.577	22507	182.01	105.1	556.35	44370	25.1256 ng/ml
Cyclobenzaprine	5.618	95997	∞	9.4	238.14	148506	24.6092 ng/ml
Dextromethorphan	5.266	66359	265.08	78.2	18460.99	125183	24.6576 ng/ml
Dextrorphan	4.117	57495	449.64	209.8	4608.74	273268	25.0837 ng/ml
Diazepam	5.956	110906	696.02	87.8	1326.60	218955	25.1640 ng/ml
Dihydrocodeine	2.555	60516	1334.46	62.5	920.25	126934	26.2146 ng/ml
Diphenhydramine	5.294	279839	7891.58	33.4	1117.49	738649	24.6120 ng/ml
Doxylamine	4.541	438822	28250.53	98.1	∞	765516	25.1198 ng/ml
EDDP	5.258	167240	3322.66	43.0	17052.19	346856	25.1486 ng/ml
Fentanyl	5.107	10204	212.86	68.8	17185.20	182493	2.5049 ng/ml
Fluoxetine	5.703	106087	773.08	9.0	257.96	164241	25.3547 ng/ml
Hydrocodone	3.020	90297	∞	36.5	131.99	199983	27.3866 ng/ml
Hydromorphone	1.601	72291	∞	77.3	547.79	93118	25.1919 ng/ml
Ketamine	4.058	176149	3302.03	39.6	328.62	336282	25.2929 ng/ml
Lamotrigine	4.286	17614	1315.60	82.6	81712.66	336282	26.2000 ng/ml
Lorazepam	5.750	179192	∞	60.4	855.09	96789	27.4231 ng/ml
MDA	3.204	258060	17162.29	22.0	794.54	257891	26.1572 ng/ml
MDMA	3.298	154228	677522.90	74.1	∞	61882	25.3770 ng/ml
Meprobamate	4.929	86437	∞	25.6	3707.61	149079	26.5963 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	215899	∞	45.2	1128.15	377321	24.8929 ng/ml
Methamphetamine	3.239	194848	840.22	39.7	606.74	326320	26.7133 ng/ml
Metoprolol	4.332	34329	4644.31	89.6	946.49	784964	24.9519 ng/ml
Mirtazapine	4.629	219691	7852.16	47.8	23650.24	392829	25.1818 ng/ml
Mitragynine	5.241	38237	18741.91	40.7	236.50	377321	26.1275 ng/ml
Morphine	1.240	11873	4439.64	25.9	1605.03	6062	25.9826 ng/ml
Norbuprenorphine	4.997	395	∞	77.2	∞	6439	2.4819 ng/ml
Nordiazepam	5.903	108898	2458.66	59.5	1386.17	144376	25.1740 ng/ml
Norfentanyl	4.085	35013	701.17	35.3	1217.35	633517	2.4087 ng/ml
Norhydrocodone	3.068	10928	86.45	46.3	120.47	47584	23.5614 ng/ml
Noroxycodone	2.911	91202	885.85	42.5	1493.27	131680	25.2345 ng/ml
O-desmethyl-tramadol	3.377	376246	∞	7.1	1247.57	887156	24.6605 ng/ml
Oxazepam	5.753	209773	∞	72.0	∞	476292	26.0517 ng/ml
Oxycodone	2.836	185196	1707.45	26.9	842.51	308039	25.8073 ng/ml
Oxymorphone	1.396	82873	∞	42.5	445.39	115500	25.8463 ng/ml
Phentermine	3.790	65707	∞	3.7	425.66	301679	26.0248 ng/ml
Promethazine	5.535	194824	17169.22	27.4	5003.67	324116	24.9255 ng/ml
Quetiapine	5.552	135945	∞	58.6	∞	74199	24.8203 ng/ml
Sertraline	5.772	50500	590.88	99.6	∞	91655	24.4601 ng/ml
Temazepam	5.819	356404	574.36	29.1	330.02	697019	24.9353 ng/ml
Tramadol	4.251	384742	45650.23	3.7	542.77	784964	26.2458 ng/ml
Trazodone	5.168	161536	∞	79.0	23553.42	268019	25.8739 ng/ml
Venlafaxine	5.041	274174	1021.76	41.0	335.73	628302	24.8016 ng/ml
Zolpidem	4.926	467549	∞	31.2	29045.85	890910	26.5936 ng/ml

SJ

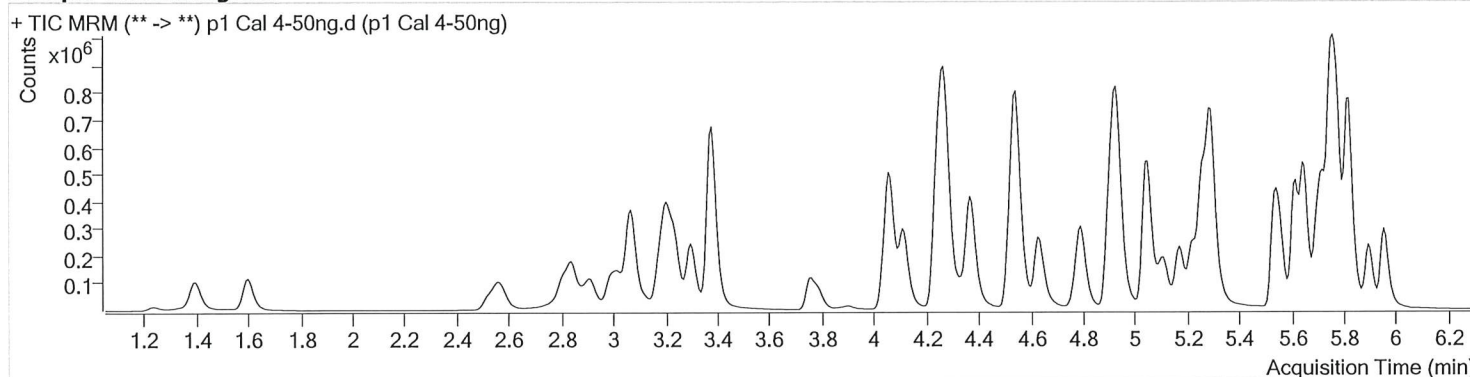


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 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	Sophia Jackson
Sample Position	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 7:46:37 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	8338	7267.98	74.6	954.05	36363	5.0103 ng/ml
7-aminoclonazepam	4.277	223205	∞	80.7	∞	161358	49.1582 ng/ml
a-hydroxyalprazolam	5.702	107275	3604.87	59.2	264.14	60744	52.7952 ng/ml
alpha-PHP	4.942	100669	8777.73	259.6	6501.85	391658	55.9253 ng/ml
alpha-PVP	4.375	448054	26392.43	52.5	9775.00	391658	50.3745 ng/ml
Alprazolam	5.778	330383	16985.10	112.9	∞	222384	49.4743 ng/ml
Amphetamine	3.071	631221	10640.52	52.3	∞	129312	54.2600 ng/ml
Benzoylcegonine	3.905	16974	29494.10	8.1	173.67	12032	48.9371 ng/ml
Buprenorphine	5.843	6397	94.87	14.8	1339.61	44915	4.6835 ng/ml
Bupropion	4.793	406707	26594.42	60.9	435.81	259245	51.4099 ng/ml
Carisoprodol	5.727	292075	739.33	52.8	4400.72	294449	51.9616 ng/ml
Citalopram	5.223	232015	2673.95	43.9	23852.04	204891	50.1414 ng/ml
Clonazepam	5.615	426501	8614.96	33.2	58735.86	98211	53.1783 ng/ml
Cocaine	4.269	357376	49686.44	52.0	16262.23	570731	50.5326 ng/ml
Codeine	2.577	48144	436.47	101.0	417.47	44241	54.5870 ng/ml
Cyclobenzaprine	5.618	200205	3102.37	9.1	∞	152834	49.6949 ng/ml
Dextromethorphan	5.266	134231	47907.22	77.9	∞	121961	51.3096 ng/ml
Dextrophan	4.117	118148	80900.19	207.0	6461.27	280431	50.2647 ng/ml
Diazepam	5.956	222516	8634.41	87.8	4254.89	215841	51.4546 ng/ml
Dihydrocodeine	2.555	124896	20509.83	62.2	6831.91	130944	53.0258 ng/ml
Diphenhydramine	5.294	570574	20030.53	33.3	456.23	738250	50.1211 ng/ml
Doxylamine	4.541	907923	44012.89	99.2	62718.23	786510	50.9007 ng/ml
EDDP	5.258	350556	8213.60	41.7	4428.45	359553	50.8257 ng/ml
Fentanyl	5.107	20719	4757.34	67.9	23034.86	184643	5.0649 ng/ml
Fluoxetine	5.703	217222	∞	9.0	1557.58	165578	51.5319 ng/ml
Hydrocodone	3.020	185234	∞	37.0	477.39	206164	55.5742 ng/ml
Hydromorphone	1.601	147015	∞	77.7	1220.37	94156	50.9606 ng/ml
Ketamine	4.058	363145	37486.55	38.9	285.88	339534	52.2904 ng/ml
Lamotrigine	4.286	36275	∞	80.1	31452.10	339534	53.8847 ng/ml
Lorazepam	5.750	353248	∞	57.9	∞	98211	54.4805 ng/ml
MDA	3.204	520862	11567.50	21.9	625.06	260487	52.8081 ng/ml
MDMA	3.298	315000	139022.62	74.0	32293.05	63160	51.0196 ng/ml
Meprobamate	4.929	172567	29426.67	26.4	4578.78	150137	53.3565 ng/ml

55



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	436711	944.06	44.4	4714.07	377418	50.2751 ng/ml
Methamphetamine	3.239	366582	1084.44	40.5	593.43	312468	53.4909 ng/ml
Metoprolol	4.332	70974	98571.25	90.6	∞	791484	51.5303 ng/ml
Mirtazapine	4.629	446597	73668.55	47.7	18896.47	391658	50.5534 ng/ml
Mitragynine	5.241	78228	47545.30	40.0	50022.88	377418	54.3301 ng/ml
Morphine	1.240	24456	∞	25.2	∞	6286	52.1534 ng/ml
Norbuprenorphine	4.997	753	114.41	86.3	2951.24	6689	4.9394 ng/ml
Nordiazepam	5.903	217620	10802.64	59.2	744.79	142071	51.4720 ng/ml
Norfentanyl	4.085	71547	288.00	34.6	1310.14	646152	4.7926 ng/ml
Norhydrocodone	3.068	21932	296.47	43.1	86.49	44961	50.4802 ng/ml
Noroxycodone	2.911	186211	2488.18	42.6	3218.93	132568	51.4329 ng/ml
O-desmethyl-tramadol	3.377	780928	56914.92	7.1	12279.73	902733	50.4020 ng/ml
Oxazepam	5.753	413143	∞	74.4	3453.28	466875	52.7601 ng/ml
Oxycodone	2.836	383167	4693.43	26.9	4209.26	314771	52.7144 ng/ml
Oxymorphone	1.396	166657	1012.40	42.3	∞	120546	49.9829 ng/ml
Phentermine	3.790	133249	1834.36	3.7	2075.11	302287	53.0406 ng/ml
Promethazine	5.535	401067	1317.32	28.1	802.98	329376	50.4345 ng/ml
Quetiapine	5.552	279644	26075.56	58.1	385634.14	74865	50.8546 ng/ml
Sertraline	5.772	101001	∞	102.1	2433.91	89164	50.2612 ng/ml
Temazepam	5.819	717674	21648.47	29.4	2993.05	690496	50.8239 ng/ml
Tramadol	4.251	768688	74184.87	3.8	987.11	791484	52.6830 ng/ml
Trazodone	5.168	329148	∞	78.1	83983.75	271451	52.3355 ng/ml
Venlafaxine	5.048	556458	33856.29	40.8	5316.85	640213	49.4453 ng/ml
Zolpidem	4.926	942133	∞	31.3	21442.02	888545	54.5245 ng/ml

SJ

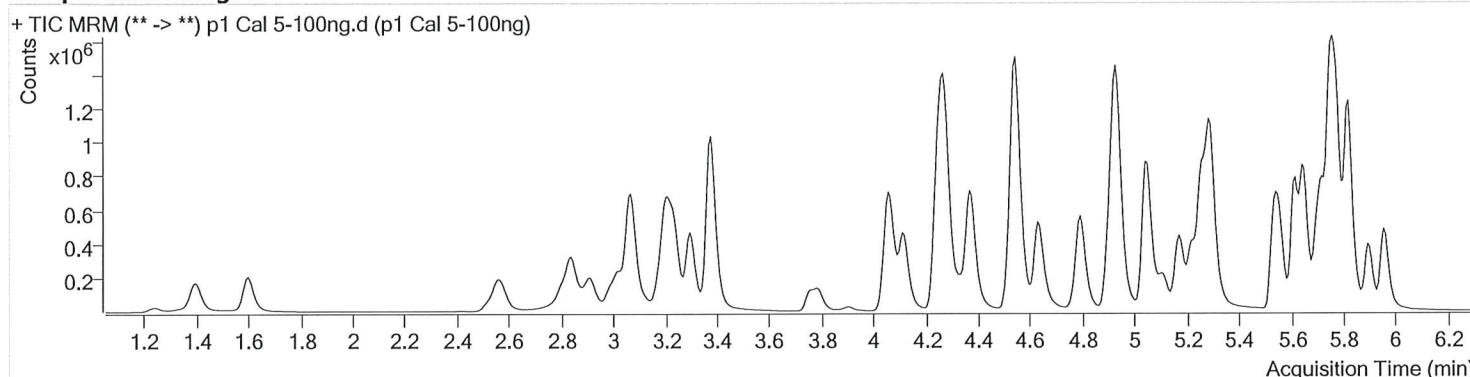


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 PM

Instrument	Instrument 1	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sophia Jackson
Sample Position	P2-E1	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 7:57:12 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	17113	1533.77	74.3	29216.39	38231	9.7762 ng/ml
7-aminoclonazepam	4.277	429239	14602.14	81.2	10478.40	157855	96.4591 ng/ml
a-hydroxyalprazolam	5.695	207283	647.76	59.3	462.05	60067	103.7638 ng/ml
alpha-PHP	4.942	196845	13266.20	267.5	∞	411949	104.5110 ng/ml
alpha-PVP	4.375	925889	1287.49	52.8	8389.39	411949	99.1276 ng/ml
Alprazolam	5.778	641675	6145.87	114.7	1692.45	214930	99.2898 ng/ml
Amphetamine	3.071	1236132	∞	52.8	18041.08	133312	103.8162 ng/ml
Benzoylcegonine	3.905	35766	∞	8.1	2953.17	12781	97.2265 ng/ml
Buprenorphine	5.850	13324	243.24	14.2	3453.44	45395	9.5567 ng/ml
Bupropion	4.793	828654	620.74	60.5	12072.24	271466	100.2232 ng/ml
Carisoprodol	5.727	561441	4360245.42	52.7	5797.67	297351	99.1864 ng/ml
Citalopram	5.216	459751	667.33	43.8	436.50	202254	100.6624 ng/ml
Clonazepam	5.615	835803	2432.59	33.2	990.75	95327	108.1991 ng/ml
Cocaine	4.269	705038	59289.68	52.2	33750.67	580418	98.0442 ng/ml
Codeine	2.577	94976	6146.95	100.9	20561.95	45613	104.9933 ng/ml
Cyclobenzaprine	5.618	367580	15079.14	9.0	∞	139554	99.7512 ng/ml
Dextromethorphan	5.266	254901	1242.53	79.3	1863.94	118454	100.4223 ng/ml
Dextrorphan	4.117	236594	10941.40	207.0	40017.25	286526	98.5497 ng/ml
Diazepam	5.956	441249	4328.75	88.0	1017.47	218865	100.8455 ng/ml
Dihydrocodeine	2.555	249226	2278.53	64.2	1941.55	134728	103.3836 ng/ml
Diphenhydramine	5.294	1119759	1467.94	33.3	12735.30	727456	99.7387 ng/ml
Doxylamine	4.541	1888716	∞	98.2	∞	815865	102.3895 ng/ml
EDDP	5.258	701092	1376.74	43.2	445.29	369409	98.9112 ng/ml
Fentanyl	5.107	40438	5237.30	65.4	93.97	183222	9.9986 ng/ml
Fluoxetine	5.703	384979	158810.19	8.8	659.05	151073	100.1301 ng/ml
Hydrocodone	3.020	363669	475.81	37.3	213.79	218968	103.6527 ng/ml
Hydromorphone	1.601	301939	2019.39	74.4	849.45	96945	101.9400 ng/ml
Ketamine	4.058	737802	27637.73	38.7	674.45	351197	103.3093 ng/ml
Lamotrigine	4.286	68994	12368.79	81.7	99176.24	351197	99.4407 ng/ml
Lorazepam	5.750	636745	∞	59.6	∞	95327	102.2680 ng/ml
MDA	3.204	1016639	23566.32	21.6	4665.37	260147	103.7229 ng/ml
MDMA	3.298	627181	10654.15	75.5	39557.24	62573	102.7753 ng/ml
Meprobamate	4.929	311537	41482.05	26.3	12721.18	144881	100.3798 ng/ml

5



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	843434	1294.23	45.4	14039.63	374477	97.8009 ng/ml
Methamphetamine	3.239	736258	6950.41	40.3	2979.30	323921	104.6117 ng/ml
Metoprolol	4.332	145102	324367.33	89.3	6608.66	822331	101.7378 ng/ml
Mirtazapine	4.629	896952	80994.65	46.7	6082.32	411949	95.8394 ng/ml
Mitragynine	5.241	147344	11425.44	40.3	7441.69	374477	103.8999 ng/ml
Morphine	1.240	49431	19039.73	25.5	1329.99	6554	101.6164 ng/ml
Norbuprenorphine	4.991	1462	3120.05	103.3	7806.72	6359	10.5672 ng/ml
Nordiazepam	5.903	430346	12611.89	59.0	12780.98	141196	102.7527 ng/ml
Norfentanyl	4.085	144943	541.25	33.7	1414.93	645521	9.6844 ng/ml
Norhydrocodone	3.068	40986	231.95	43.2	391.82	43008	98.9853 ng/ml
Noroxycodone	2.911	370699	989.14	43.1	4594.01	132627	102.5911 ng/ml
O-desmethyl-tramadol	3.377	1602767	2044.91	7.0	6006.18	934111	100.0645 ng/ml
Oxazepam	5.753	773341	∞	74.7	∞	445330	103.9344 ng/ml
Oxycodone	2.836	788377	7582.30	27.0	10023.49	328544	104.3523 ng/ml
Oxymorphone	1.396	334712	∞	43.0	9079.67	118500	102.3230 ng/ml
Phentermine	3.790	263810	2220.68	3.7	422.68	308868	103.1131 ng/ml
Promethazine	5.535	750538	1590.33	28.1	3241.30	316441	98.1853 ng/ml
Quetiapine	5.552	544623	77940.80	58.2	18620.45	73670	100.8863 ng/ml
Sertraline	5.772	173412	9721.27	100.8	425.59	77378	99.4164 ng/ml
Temazepam	5.819	1433740	33135.96	29.5	681.50	696724	100.7578 ng/ml
Tramadol	4.251	1574031	137516.82	3.7	425.19	822331	104.5019 ng/ml
Trazodone	5.168	648592	678321.09	80.0	79762.54	270996	103.5717 ng/ml
Venlafaxine	5.048	1158270	43653.91	40.7	4697.93	660011	99.8796 ng/ml
Zolpidem	4.926	1906924	819058.67	31.3	161578.03	927363	106.4722 ng/ml

SJ

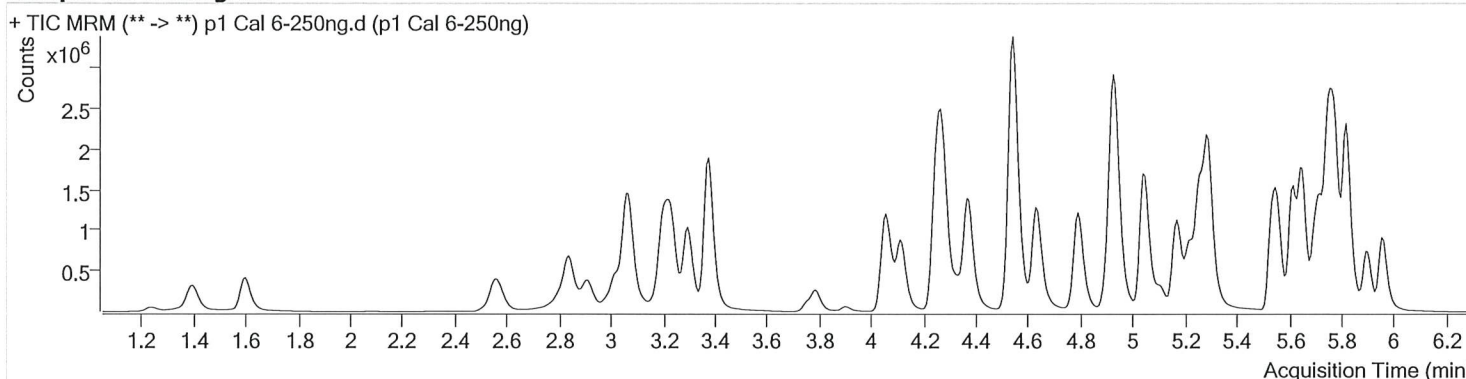


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 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	Sophia Jackson
Sample Position	P2-F1	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 8:07:48 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	42296	1322.48	71.2	119125.90	36564	25.2557 ng/ml
7-aminoclonazepam	4.277	879172	∞	80.9	∞	127482	244.3622 ng/ml
a-hydroxyalprazolam	5.695	447091	1475.49	58.6	595.04	53779	250.8653 ng/ml
alpha-PHP	4.942	431243	8233.27	264.2	49872.66	368656	256.7615 ng/ml
alpha-PVP	4.375	2095856	139424.41	53.3	2020.70	368656	250.9876 ng/ml
Alprazolam	5.778	1409652	5377.44	112.9	∞	180472	259.5578 ng/ml
Amphetamine	3.071	2792233	79989.46	51.8	49892.19	129465	242.5712 ng/ml
Benzoylcegonine	3.898	95138	810.67	7.9	1369.43	13081	252.9223 ng/ml
Buprenorphine	5.850	31371	7014.86	15.0	6269.58	39745	25.5492 ng/ml
Bupropion	4.793	1942560	107249.79	60.7	1353.09	252732	252.6722 ng/ml
Carisoprodol	5.727	1184538	377133.74	51.9	21612.61	245203	254.2499 ng/ml
Citalopram	5.216	1109192	∞	44.2	16982.54	195825	250.8434 ng/ml
Clonazepam	5.615	1752171	7785.89	33.1	30237.86	85452	254.1381 ng/ml
Cocaine	4.263	1589946	60713.01	51.8	28394.48	508932	252.1853 ng/ml
Codine	2.577	212452	4985.32	102.6	9561.79	41481	259.1215 ng/ml
Cyclobenzaprine	5.618	916743	43731.49	8.8	141.10	136356	254.3499 ng/ml
Dextromethorphan	5.266	597783	34736.79	79.8	878.64	112478	248.1764 ng/ml
Dextrorphan	4.117	559256	∞	206.6	3660.35	265843	251.1300 ng/ml
Diazepam	5.956	984934	∞	87.3	2178.83	194075	254.2043 ng/ml
Dihydrocodeine	2.555	585865	26781.58	63.4	∞	132809	247.3423 ng/ml
Diphenhydramine	5.294	2714203	45857.12	33.7	1307.55	710227	247.4971 ng/ml
Doxylamine	4.541	4566384	132927.05	97.0	280606.31	788869	256.4868 ng/ml
EDDP	5.258	1513499	46014.43	43.1	535.78	318047	247.9700 ng/ml
Fentanyl	5.107	104287	11021.27	67.4	∞	185417	25.5394 ng/ml
Fluoxetine	5.703	914636	39851.88	9.3	1690.19	142497	252.2603 ng/ml
Hydrocodone	3.020	835470	3081.35	37.7	∞	209065	250.9365 ng/ml
Hydromorphone	1.601	671911	∞	74.8	1634.97	87871	250.6969 ng/ml
Ketamine	4.058	1749148	3690.32	38.5	11345.12	339326	254.3916 ng/ml
Lamotrigine	4.286	143684	11746.37	81.6	1007290.07	339326	214.8275 ng/ml
Lorazepam	5.750	1112145	∞	58.9	11352.84	85452	200.4756 ng/ml
MDA	3.204	2141877	1291.40	21.3	1257.22	234875	242.7591 ng/ml
MDMA	3.298	1479070	11805.51	75.7	14398.40	60210	252.2299 ng/ml
Meprobamate	4.929	592645	51814.33	25.9	18123.06	128864	215.4221 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	2085338	50696.48	45.0	4308.84	364447	248.3646 ng/ml
Methamphetamine	3.239	1797131	3259.74	40.1	21167.55	322493	257.9898 ng/ml
Metoprolol	4.332	337524	∞	89.0	6204.95	738611	264.0344 ng/ml
Mirtazapine	4.629	2222288	86090.89	47.4	77550.30	368656	263.9916 ng/ml
Mitragynine	5.241	342323	371840.81	40.1	17716.61	364447	249.2151 ng/ml
Morphine	1.240	112047	711.06	25.7	757.61	6005	252.2010 ng/ml
Norbuprenorphine	4.991	3269	20744.15	98.3	11971.56	6265	24.5646 ng/ml
Nordiazepam	5.903	937906	2924.11	59.2	992.47	126450	250.5437 ng/ml
Norfentanyl	4.085	348571	48279.69	34.4	2624.84	588700	25.4834 ng/ml
Norhydrocodone	3.068	80354	∞	42.8	155.29	34910	239.6246 ng/ml
Noroxycodone	2.911	806438	827.59	42.6	639.57	118607	249.9205 ng/ml
O-desmethyl-tramadol	3.377	3788932	135680.27	7.1	12304.35	877851	251.8586 ng/ml
Oxazepam	5.753	1402110	∞	77.7	∞	339550	247.7123 ng/ml
Oxycodone	2.836	1849604	9340.72	27.1	2743.66	320741	251.4073 ng/ml
Oxymorphone	1.396	743231	∞	42.3	523.62	106656	252.7290 ng/ml
Phentermine	3.790	617123	6791.18	3.7	1113.11	302780	246.5610 ng/ml
Promethazine	5.535	1821511	37674.08	28.2	134688.47	303062	248.7217 ng/ml
Quetiapine	5.552	1379235	44677.08	58.1	88886.65	73150	257.6828 ng/ml
Sertraline	5.772	380842	58971.19	101.2	42512.50	67929	248.6666 ng/ml
Temazepam	5.819	3242028	57708.90	29.4	33468.42	628081	252.9404 ng/ml
Tramadol	4.251	3492927	334842.60	3.7	4519.30	738611	259.2007 ng/ml
Trazodone	5.168	1674155	∞	80.4	70775.25	287273	252.5917 ng/ml
Venlafaxine	5.041	2749020	157868.99	39.8	33608.22	623721	250.9142 ng/ml
Zolpidem	4.926	4423525	∞	30.6	13254.43	903744	254.5153 ng/ml

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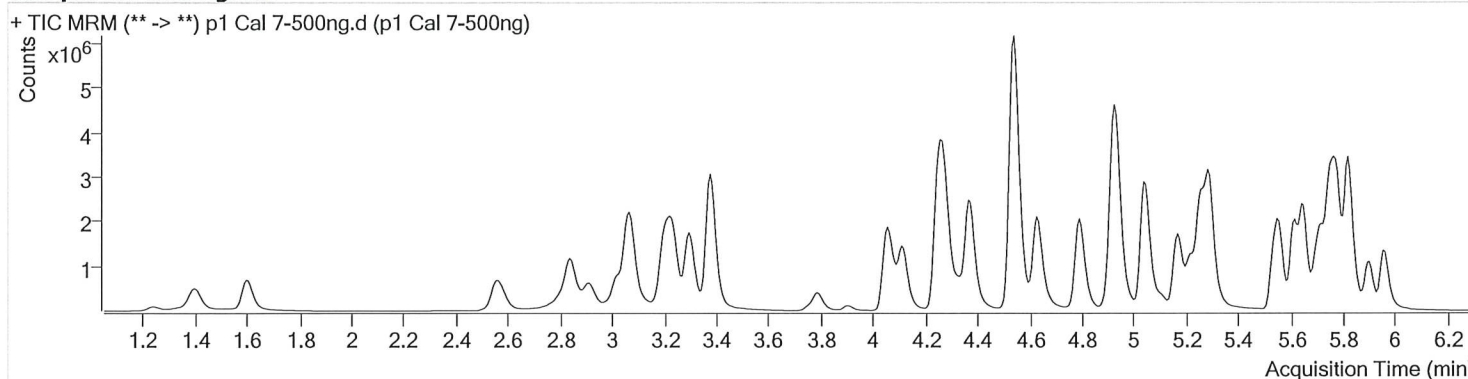


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 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	Sophia Jackson
Sample Position	P2-G1	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 8:18:24 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	86151	231771.18	70.8	738.71	37092	50.7050 ng/ml
7-aminoclonazepam	4.283	1258205	∞	80.1	14547.56	90688	491.4148 ng/ml
a-hydroxyalprazolam	5.695	730530	2591.23	59.9	2044.41	45175	488.5673 ng/ml
alpha-PHP	4.942	730722	22097.32	268.0	∞	351315	457.0371 ng/ml
alpha-PVP	4.375	3975139	235383.04	53.0	5760.78	351315	499.6981 ng/ml
Alprazolam	5.778	2293473	4319.81	113.5	∞	151533	502.8224 ng/ml
Amphetamine	3.071	4451324	115552.89	51.7	42534.88	116786	429.3200 ng/ml
Benzoylcegonine	3.905	182056	343.82	8.0	6225.66	12582	503.3419 ng/ml
Buprenorphine	5.850	44557	359.92	14.0	∞	28754	50.0731 ng/ml
Bupropion	4.793	3386674	103296.38	61.0	47132.85	226863	490.9337 ng/ml
Carisoprodol	5.727	1835974	91948.20	51.9	78018.59	197810	488.7725 ng/ml
Citalopram	5.216	1645468	∞	44.5	∞	147053	495.5511 ng/ml
Clonazepam	5.615	2762932	1053974.95	33.8	∞	73354	467.5145 ng/ml
Cocaine	4.263	2750305	95953.78	52.4	98058.63	444344	499.6585 ng/ml
Codeine	2.577	357809	∞	102.5	∞	38642	468.9522 ng/ml
Cyclobenzaprine	5.618	971681	561.19	9.0	∞	73906	497.2316 ng/ml
Dextromethorphan	5.266	767722	∞	79.4	6621.33	72053	497.6559 ng/ml
Dextrophan	4.117	999090	27131.59	206.8	2034.50	238167	500.8036 ng/ml
Diazepam	5.956	1622814	5520.98	87.0	19137.39	163140	498.4792 ng/ml
Dihydrocodeine	2.555	1053179	50829.62	64.0	8500.95	133051	444.2875 ng/ml
Diphenhydramine	5.294	4147440	137132.26	33.3	12704.64	533528	503.3527 ng/ml
Doxylamine	4.541	8717200	190511.88	97.4	175113.65	763084	506.4792 ng/ml
EDDP	5.258	3094152	50061.35	42.9	167005.33	320901	502.4061 ng/ml
Fentanyl	5.107	126862	756.53	68.1	37160.49	115207	50.0376 ng/ml
Fluoxetine	5.703	858425	3236.61	9.0	15333.48	68551	492.1804 ng/ml
Hydrocodone	3.020	1506991	852.21	37.7	336.49	201887	469.6681 ng/ml
Hydromorphone	1.601	1199647	∞	75.0	∞	81704	481.6539 ng/ml
Ketamine	4.058	3147793	7150.35	38.9	2051.36	321152	484.2737 ng/ml
Lamotrigine	4.286	215508	10684.44	82.4	15990.93	321152	340.6969 ng/ml
Lorazepam	5.743	1339210	7507.01	55.7	∞	73354	281.7320 ng/ml
MDA	3.204	3371637	1533.20	21.5	2201.99	202087	444.5884 ng/ml
MDMA	3.298	2649967	25775.88	74.8	78621.78	55610	489.5100 ng/ml
Meprobamate	4.929	794272	243.14	26.0	90445.60	107454	346.6300 ng/ml

SJ



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	2907107	106831.22	44.9	70169.53	247813	509.1287 ng/ml
Methamphetamine	3.239	2822691	17655.58	40.1	10476.33	281315	465.3636 ng/ml
Metoprolol	4.332	601521	274734.07	89.8	10911.96	698925	497.5790 ng/ml
Mirtazapine	4.629	3630349	206159.24	47.6	∞	351315	452.0022 ng/ml
Mitragynine	5.235	450788	45081.56	39.4	23581.33	247813	483.4333 ng/ml
Morphine	1.240	210441	1596.38	26.1	2693.69	5996	474.8547 ng/ml
Norbuprenorphine	4.991	5258	1840.43	91.7	130.42	4743	52.7035 ng/ml
Nordiazepam	5.903	1508991	14083.30	59.2	25741.82	103979	490.5334 ng/ml
Norfentanyl	4.085	652129	3381.57	34.4	2578.31	520701	53.8650 ng/ml
Norhydrocodone	3.068	133979	270.71	44.0	165.78	27430	508.9197 ng/ml
Noroxycodone	2.911	1369015	∞	41.2	4869.79	103717	485.4076 ng/ml
O-desmethyl-tramadol	3.377	6950284	188314.19	7.0	80694.95	806968	502.6781 ng/ml
Oxazepam	5.753	1919825	∞	75.0	∞	236721	486.9104 ng/ml
Oxycodone	2.836	3457968	52999.11	27.1	2196.53	314801	479.3013 ng/ml
Oxymorphone	1.396	1312266	2184.55	43.8	∞	96532	493.2063 ng/ml
Phentermine	3.790	1040380	13402.58	3.7	1631.32	286872	438.9996 ng/ml
Promethazine	5.535	2114768	1961.65	28.4	13395.25	172513	507.2280 ng/ml
Quetiapine	5.552	2225770	283524.64	60.1	1228295.45	63149	481.9076 ng/ml
Sertraline	5.772	318314	926.16	100.5	1529.62	27708	509.5102 ng/ml
Temazepam	5.819	5412990	247886.59	29.0	41647.49	531137	499.5296 ng/ml
Tramadol	4.245	6099980	∞	3.8	9392.12	698925	478.9501 ng/ml
Trazodone	5.168	2569120	104245.38	81.7	180327.37	229350	485.7723 ng/ml
Venlafaxine	5.041	5127605	3180.73	40.1	1072.25	581655	501.9095 ng/ml
Zolpidem	4.926	7718697	16716.49	30.7	8822.36	851839	471.8322 ng/ml

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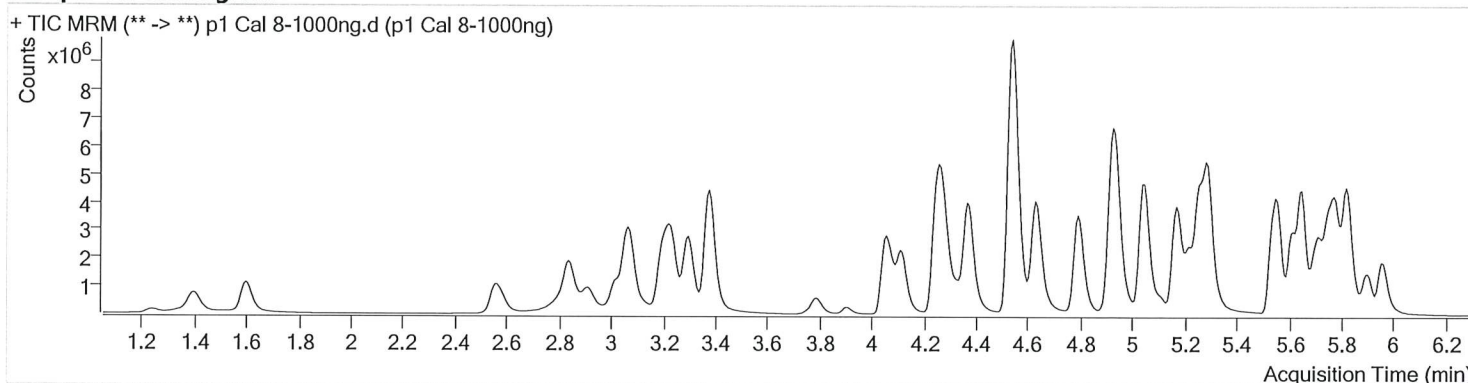


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\122920 AM 27 28 SJ\QuantResults\AM 28.batch.bin
Calibration Last Update 12/31/2020 1:46:47 PM

Instrument	Instrument 1	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sophia Jackson
Sample Position	P2-H1	Comment	
Injection Volume	2		
Acq. Date-Time	12/30/2020 8:28:59 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	161773	7799.51	71.8	8890.24	34585	102.1105 ng/ml
7-aminoclonazepam	4.283	1516381	9628.36	78.8	380.37	48402	1109.4379 ng/ml
a-hydroxyalprazolam	5.695	1015521	206.67	59.0	2585.05	34065	901.2090 ng/ml
alpha-PHP	4.942	1135139	52430.10	267.1	∞	299758	832.6151 ng/ml
alpha-PVP	4.375	6802601	9991.13	53.7	128561.11	299758	1002.3685 ng/ml
Alprazolam	5.778	3437446	∞	112.6	∞	113410	1006.8313 ng/ml
Amphetamine	3.071	6552984	224627.09	51.7	59964.93	96619	764.5907 ng/ml
Benzoylcegonine	3.898	414082	908.00	8.0	∞	13399	1075.2438 ng/ml
Buprenorphine	5.850	88959	6350.60	14.4	16126.46	25504	112.5960 ng/ml
Bupropion	4.793	6077451	321085.06	60.0	40907.15	201455	992.3080 ng/ml
Carisoprodol	5.727	2365590	∞	53.0	23939.46	125159	995.6465 ng/ml
Citalopram	5.216	3081573	∞	44.6	658.12	136288	1001.3628 ng/ml
Clonazepam	5.615	3563405	106535.37	33.1	84535.51	52522	842.7797 ng/ml
Cocaine	4.269	4326667	136700.38	52.2	99265.20	347768	1004.3452 ng/ml
Codeine	2.583	571507	∞	99.4	18516.52	32726	884.9621 ng/ml
Cyclobenzaprine	5.618	2228554	7641.49	9.0	10208.50	82500	1021.4266 ng/ml
Dextromethorphan	5.266	1352163	1341.13	79.2	459.83	63746	990.8284 ng/ml
Dextrorphan	4.117	1697105	48964.73	209.2	107942.76	202360	1001.2518 ng/ml
Diazepam	5.963	2461783	32141.93	87.8	4632.58	130411	946.1694 ng/ml
Dihydrocodeine	2.555	1723397	459.61	63.6	399.67	130047	744.2005 ng/ml
Diphenhydramine	5.294	7700435	∞	34.1	57582.56	491450	1014.4914 ng/ml
Doxylamine	4.541	15126965	145862.61	96.0	275436.26	729074	920.1467 ng/ml
EDDP	5.258	5671335	116601.74	42.7	617784.40	297233	994.1724 ng/ml
Fentanyl	5.107	298436	26216.58	69.0	767676.90	139270	97.4084 ng/ml
Fluoxetine	5.703	1867821	92108.58	8.9	1118.41	74764	981.9535 ng/ml
Hydrocodone	3.020	2537237	574.34	37.9	384.76	188042	849.8576 ng/ml
Hydromorphone	1.601	2049561	∞	75.3	∞	67673	993.8055 ng/ml
Ketamine	4.058	5416536	169546.68	38.6	3829.72	291904	917.3576 ng/ml
Lamotrigine	4.293	285997	∞	80.8	60719.15	291904	497.6312 ng/ml
Lorazepam	5.743	1359220	∞	58.5	∞	52522	399.8914 ng/ml
MDA	3.204	4756761	115362.08	21.2	51999.73	170202	745.0999 ng/ml
MDMA	3.298	4343405	159754.87	74.9	99749.72	46317	963.5324 ng/ml
Meprobamate	4.943	872694	36081.43	26.3	31598.17	84315	485.6338 ng/ml

55



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	5945525	74062.15	44.6	1423.02	255218	1010.9801 ng/ml
Methamphetamine	3.232	4849033	29656.11	39.4	30622.30	261238	861.7618 ng/ml
Metoprolol	4.332	960905	145551.15	89.9	∞	603956	920.1463 ng/ml
Mirtazapine	4.629	7233129	150218.73	47.3	∞	299758	1054.4503 ng/ml
Mitragynine	5.235	846565	∞	39.0	33090.62	255218	882.2311 ng/ml
Morphine	1.240	362327	13418.28	27.4	4817.72	5166	949.4829 ng/ml
Norbuprenorphine	4.991	10166	311.18	92.9	191.35	5239	92.5978 ng/ml
Nordiazepam	5.903	2204217	∞	58.7	14374.96	77907	956.6478 ng/ml
Norfentanyl	4.085	1163452	74440.89	34.3	5158.69	391460	127.7815 ng/ml
Norhydrocodone	3.068	223688	200.53	43.1	79.20	21529	1083.0133 ng/ml
Noroxycodone	2.911	2091705	∞	42.1	∞	80432	956.5967 ng/ml
O-desmethyl-tramadol	3.377	11411221	∞	7.2	282734.71	674474	987.5327 ng/ml
Oxazepam	5.753	1977404	11788.31	69.1	68.37	132732	894.7758 ng/ml
Oxycodone	2.836	6131234	12869.64	26.7	4290.09	292864	913.9022 ng/ml
Oxymorphone	1.396	2254930	1251.21	42.4	1585.82	86389	947.1858 ng/ml
Phentermine	3.790	1624853	5386.78	3.7	2949.90	260099	756.4596 ng/ml
Promethazine	5.535	4919818	2180.46	28.0	4053.84	202802	1003.7287 ng/ml
Quetiapine	5.552	4509596	178443.59	59.3	∞	63647	968.9953 ng/ml
Sertraline	5.772	631749	12989.50	99.0	30136.22	27761	1009.2814 ng/ml
Temazepam	5.819	7931180	167086.71	29.4	146154.51	396634	980.2468 ng/ml
Tramadol	4.245	9550592	∞	4.0	9295.50	603956	868.3558 ng/ml
Trazodone	5.168	5927775	3361.56	80.8	1180.60	281863	912.2564 ng/ml
Venlafaxine	5.048	9095257	142774.25	40.2	22362.19	509630	1016.1458 ng/ml
Zolpidem	4.926	12610217	439084.55	31.1	148126.82	794040	827.5402 ng/ml