

Worklist: 5523

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-5648	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3893	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3945	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3980	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3999	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4017	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4124	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4165	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4201	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4222	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4224	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4245	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4248	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4249	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4250	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4252	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0002	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0013	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0032	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0047	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0048	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

TS

Extraction Date: 01/19/2022

Analyst: Tamara Salazar

Plate lot#: IDP-121 Lot #:211018

Plate Re-test Date: 04/18/2022

Mobile phase A: 5mM Amm Form + 0.01% FA **Mobile phase B:** 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20725

Column: Agilent 120 EC-C18 (2.1x 100-2.7um) **LCMS-QQQ ID:** 069901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. 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:

Curves Limited:

7-aminoclonazepam 5-500 -- Cal 8 dropped due to linearity.

alpha-hydroxyalprazolam 5-250 -- Cal 7 and 8 dropped due to linearity.

Amphetamine 5-500 -- Cal 8 dropped due to linearity

Benzoylcegonine 10-1000 -- Cal 1 dropped due to ratio

Clonazolam 5-250 -- Cal 7 and 8 dropped due to linearity

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Lamotrigine 5-250 -- Cal 7 and 8 dropped due to linearity
Lorazepam 5-100 -- Cal 6, 7, and 8 dropped due to linearity
MDA 5-500 -- Cal 8 dropped due to linearity
Norhydrocodone 5-500 -- Cal 8 dropped due to linearity
Phentermine 5-500 -- Cal 8 dropped due to linearity
Quetiapine 5-500 -- Cal 8 dropped due to linearity

*Case sample P2021-3803-1 from worklist 5420 included with this extraction to check for the possible presence of cocaine.

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	P2022-0013-1	P2021-4222-1	P2021-3893-1	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	P2022-0002-1	P2021-4201-1	P2021-3803-1 (re-test)	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	P2021-4252-1	P2021-4165-1	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	P2021-4250-1	P2021-4124-1	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 5	IS + QC_2	IS + Sample	P2022-0048-1	P2021-4249-1	P2021-4017-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6	IS + Sample	IS + Sample	P2022-0047-1	P2021-4248-1	P2021-3999-1	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7	IS + Sample	IS + Sample	M2021-5648- 2	P2021-4245-1	P2021-3980-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8	IS + Sample	IS + Sample	P2022-0032-1	P2021-4224-1	P2021-3945-1	IS + QC_1	IS + Cal. 1*

All wells to contain 60 µl of Trapping Solution

*Too much negative blood added to calibrator one. Calibrator from A5 position was used instead.

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	P2022-0013-1	P2021-4222-1	P2021-3893-1	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	P2022-0002-1	P2021-4201-1	P2021-3803-1 (re-test)	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	P2021-4252-1	P2021-4165-1	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	P2021-4250-1	P2021-4124-1	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 5	IS + QC_2	IS + Sample	P2022-0048-1	P2021-4249-1	P2021-4017-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6	IS + Sample	IS + Sample	P2022-0047-1	P2021-4248-1	P2021-3999-1	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7	IS + Sample	IS + Sample	M2021-5648-2	P2021-4245-1	P2021-3980-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8	IS + Sample	IS + Sample	P2022-0032-1	P2021-4224-1	P2021-3945-1	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

TS

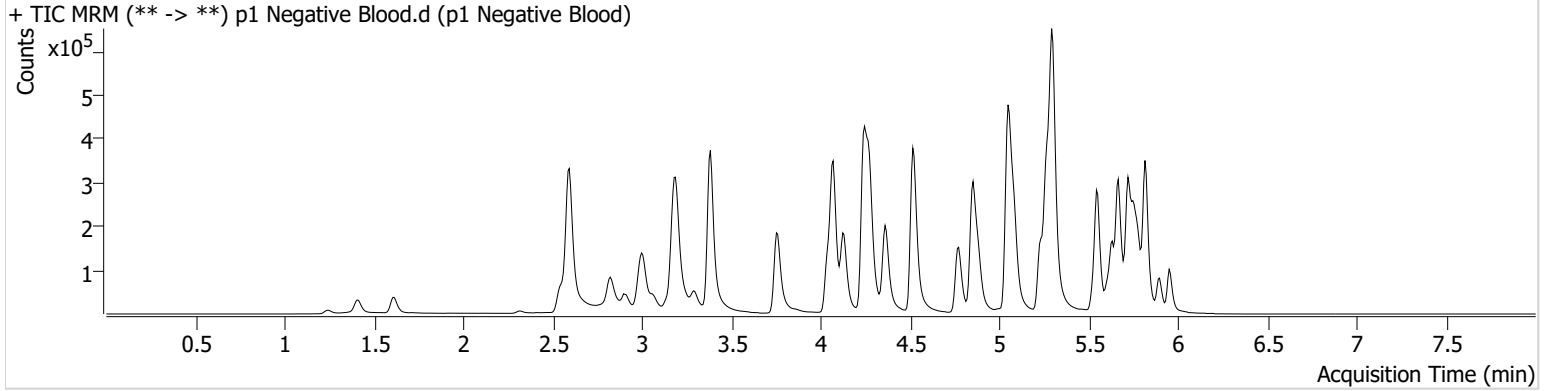


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 1/27/2022 7:56:36 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	1/19/2022 5:09:10 PM		
Sample Info.			

Sample Chromatogram



AM #28 Multi-Drug Quant. Results

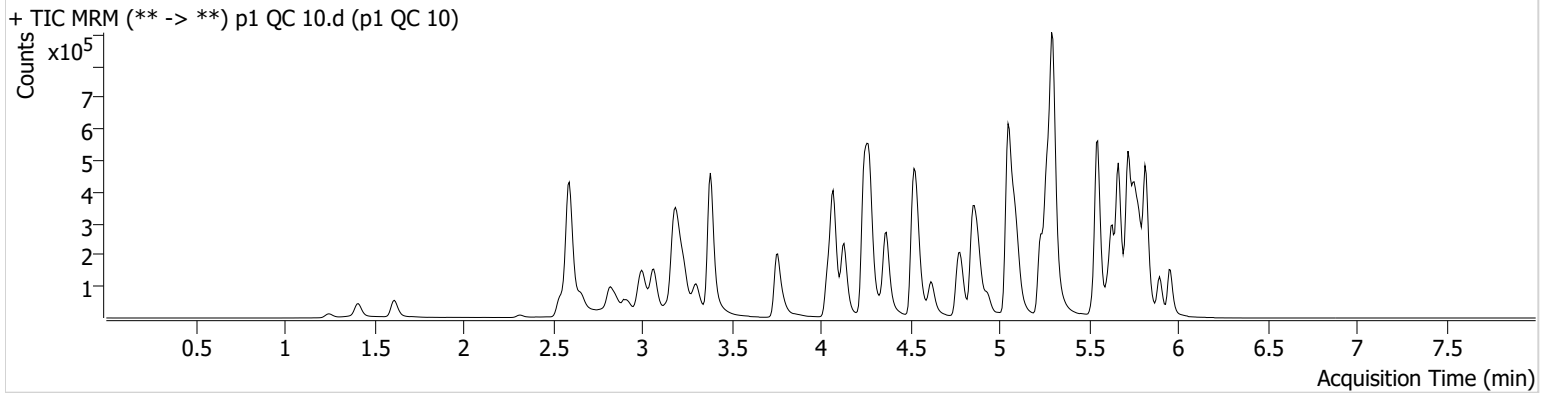
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Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 1/27/2022 7:56:36 AM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-H11	Comment	
Injection Volume	2		
Acq. Date-Time	1/19/2022 3:54:51 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	2024	280.08	76.0	413.83	54808	1.0419 ng/ml
7-aminoclonazepam	4.265	35021	1908.15	78.4	1806.82	130877	10.1569 ng/ml
a-hydroxyalprazolam	5.699	19552	670.58	67.4	186.70	248849	10.4884 ng/ml
alpha-PHP	4.937	33178	624.93	265.0	1221.36	524541	10.0679 ng/ml
alpha-PVP	4.376	116582	3944.34	51.5	2685.05	524541	9.6461 ng/ml
Alprazolam	5.782	62624	1885.23	111.8	1308.22	248849	9.3937 ng/ml
Amphetamine	3.069	218753	4432.73	50.5	144.39	310739	10.1529 ng/ml
Benzoylecgonine	3.892	1653	43.60	9.2	43.12	5869	8.7931 ng/ml
Buprenorphine	5.751	2785	234.74	14.9	17.87	95255	0.9638 ng/ml
Bupropion	4.788	124970	393.09	63.8	373.95	445324	10.1859 ng/ml
Carisoprodol	5.730	72661	9964.29	55.7	75.34	326981	10.4306 ng/ml
Citalopram	5.232	98540	359.15	37.6	554.68	446961	9.9578 ng/ml
Clonazepam	5.618	80293	1801.95	34.4	76638.63	102697	10.9465 ng/ml
Clonazepam	5.555	49216	1162.49	35.7	32952.56	102697	9.8956 ng/ml
Cocaine	4.271	80941	3831.88	54.9	1053.48	718818	9.9625 ng/ml
Codeine	2.600	11080	1985.60	107.0	3665.55	55128	10.3905 ng/ml
Cyclobenzaprine	5.635	96350	5014.91	8.0	1224.60	414795	9.8984 ng/ml
Dextromethorphan	5.275	64373	974.34	81.1	1687.59	314964	9.9469 ng/ml
Dextrophan	4.132	34243	183.54	217.3	9492.41	408706	10.0088 ng/ml
Diazepam	5.960	46931	380.47	92.3	476.94	223145	10.2965 ng/ml
Dihydrocodeine	2.572	26974	139.74	57.7	83.52	164614	10.5098 ng/ml
Diphenhydramine	5.303	273356	6059.74	31.3	221.90	1533328	9.8419 ng/ml
Doxylamine	4.543	239111	459.56	101.0	1656.44	1087700	9.8409 ng/ml
EDDP	5.268	108404	2618.53	42.2	2059.22	600541	10.1042 ng/ml
Etizolam	5.820	26653	2657.10	27.7	13033.96	102697	9.1355 ng/ml
Fentanyl	5.095	8433	346.99	78.2	98.78	515388	1.0038 ng/ml
Flualprazolam	5.712	26941	719.42	94.7	2589.16	248849	10.0326 ng/ml
Fluoxetine	5.721	106483	7228.01	8.9	77.21	402672	9.7913 ng/ml
Hydrocodone	3.032	42028	195.40	33.4	290.36	234263	10.0727 ng/ml
Hydromorphone	1.621	36436	150.38	66.6	495.22	120004	10.3857 ng/ml
Ketamine	4.059	79670	16744.94	38.9	350.15	362509	10.2343 ng/ml
Lamotrigine	4.287	7906	369.00	85.3	1019.63	362509	10.3397 ng/ml
Levetiracetam	2.663	40444	1063.82	136.2	193.82	1063502	9.9729 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	69607	1658.78	49.7	325.68	102697	10.7969 ng/ml
MDA	3.216	152586	342.83	29.1	188.52	488985	10.2045 ng/ml
MDMA	3.310	79688	515.75	90.5	893.92	95758	10.0213 ng/ml
Meprobamate	4.911	45374	218.01	25.1	303.41	228636	10.0027 ng/ml
Methadone	5.666	159915	297.11	54.8	1371.93	711069	10.2481 ng/ml
Methamphetamine	3.238	170597	669.32	38.8	4169.49	679979	10.3804 ng/ml
Metoprolol	4.340	22747	1030.84	92.3	2051.89	984489	10.3838 ng/ml
Mirtazapine	4.617	176056	1123.76	47.3	1587.60	524541	9.8533 ng/ml
Mitragynine	5.230	35553	46284.01	35.3	21369.46	711069	10.2197 ng/ml
Morphine	1.253	5766	901.24	19.2	70.91	10354	10.1696 ng/ml
Norbuprenorphine	4.999	408	1563.86	102.6	1027.30	14638	1.1009 ng/ml
Nordiazepam	5.906	47956	850.77	59.7	2658.14	163919	10.0791 ng/ml
Norfentanyl	4.093	17551	1984.12	37.1	46.44	867906	0.9093 ng/ml
Norhydrocodone	3.086	6208	82.38	39.9	41.67	60005	9.6616 ng/ml
Noroxycodone	2.930	40518	618.08	49.8	1834.51	132523	10.1042 ng/ml
O-desmethyl-tramadol	3.389	170794	368.53	5.6	1583.95	1023166	9.7524 ng/ml
Oxazepam	5.763	90159	1105.01	75.7	1110.44	354620	10.1643 ng/ml
Oxycodone	2.848	74982	439.17	29.4	745.52	303231	10.2212 ng/ml
Oxymorphone	1.411	32379	∞	45.2	69.94	106685	9.5768 ng/ml
Phentermine	3.797	49278	88.64	5.7	83.87	578398	10.1908 ng/ml
Promethazine	5.552	180216	4523.71	30.4	4926.76	818986	9.7122 ng/ml
Pseudoephedrine	2.603	211723	499.62	16.7	91.29	1063502	9.9784 ng/ml
Quetiapine	5.541	113419	205.41	57.7	3685.83	166592	10.6170 ng/ml
Sertraline	5.789	38729	363.41	95.7	1052.71	173210	10.3592 ng/ml
Temazepam	5.823	140363	331.93	27.1	870.21	712025	10.0007 ng/ml
Tramadol	4.259	195598	489.52	3.0	35.84	984489	10.0137 ng/ml
Trazodone	5.101	123726	1919.40	76.1	5502.65	497543	9.7649 ng/ml
Venlafaxine	5.050	160250	7159.44	34.9	414.69	904623	9.8995 ng/ml
Zolpidem	4.874	178258	192.53	31.1	79.04	795822	9.9412 ng/ml

TS

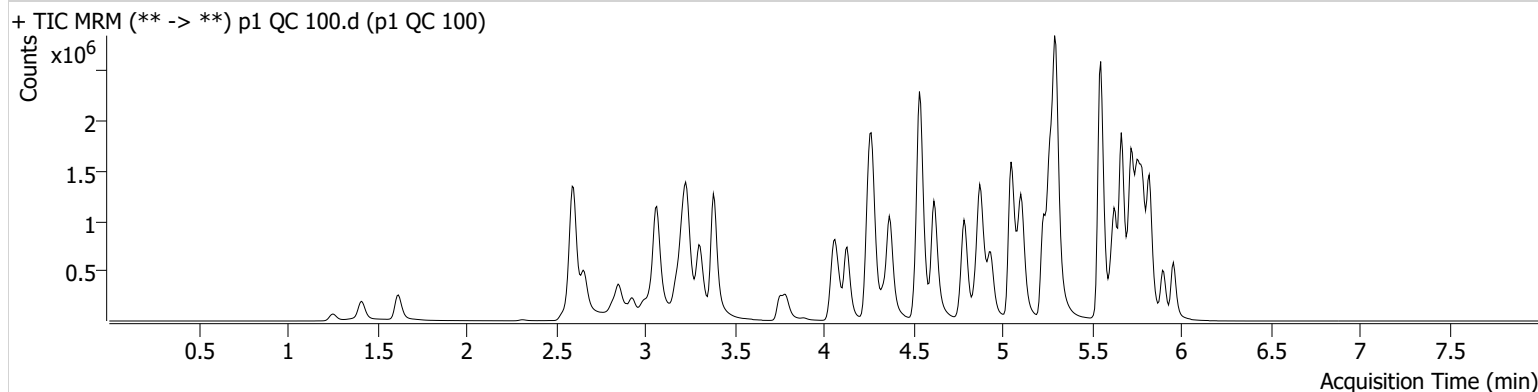


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 1/27/2022 7:56:36 AM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-G11	Comment	
Injection Volume	2		
Acq. Date-Time	1/20/2022 1:17:40 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	22610	1613.83	74.0	559.04	65043	9.5742 ng/ml
7-aminoclonazepam	4.265	377018	482.74	80.2	9865.75	147725	104.4112 ng/ml
a-hydroxyalprazolam	5.699	179115	806.81	66.5	1569.13	253603	101.4333 ng/ml
alpha-PHP	4.937	381072	1793.50	262.2	1231.76	603382	100.2419 ng/ml
alpha-PVP	4.376	1335662	77273.94	52.1	820.11	603382	95.1882 ng/ml
Alprazolam	5.782	670210	2174.44	110.5	1766.21	253603	96.7058 ng/ml
Amphetamine	3.069	2319270	837.79	48.6	378.94	346507	102.7951 ng/ml
Benzoylecgonine	3.892	19351	1057.45	7.8	4694.68	6256	102.5960 ng/ml
Buprenorphine	5.751	32162	4482.17	14.7	6201.08	113173	9.2487 ng/ml
Bupropion	4.788	1460634	114900.02	62.9	20640.80	530274	100.8439 ng/ml
Carisoprodol	5.730	662071	131485.23	53.6	400.59	298675	90.2008 ng/ml
Citalopram	5.232	1099581	822.97	38.0	86653.77	503240	95.8847 ng/ml
Clonazepam	5.612	774211	3510.44	34.5	1115.39	107605	108.5912 ng/ml
Clonazepam	5.555	466381	5664.13	36.8	1447.57	107605	104.8680 ng/ml
Cocaine	4.271	896009	122128.36	53.9	950.42	806317	99.0363 ng/ml
Codeine	2.593	121051	486.01	98.3	143.60	61625	107.8970 ng/ml
Cyclobenzaprine	5.635	1138146	65463.17	7.8	3300.85	481261	94.4599 ng/ml
Dextromethorphan	5.275	711744	63623.40	79.6	161762.59	348260	100.0329 ng/ml
Dextrophan	4.132	402358	533.80	212.5	152035.33	466445	100.4293 ng/ml
Diazepam	5.960	499558	5680.92	91.8	17537.75	244731	101.6858 ng/ml
Dihydrocodeine	2.572	302251	186.81	61.1	4976.27	192774	106.9668 ng/ml
Diphenhydramine	5.303	3141566	100789.67	31.3	603.88	1717812	98.1297 ng/ml
Doxylamine	4.536	2818115	112844.13	98.9	5240.67	1231609	100.9922 ng/ml
EDDP	5.268	1288422	72133.86	41.6	2204.51	734796	96.8242 ng/ml
Etizolam	5.820	281090	831.32	25.8	705.17	107605	86.1270 ng/ml
Fentanyl	5.095	106523	434.40	73.9	404803.88	610845	10.5662 ng/ml
Flualprazolam	5.712	275725	10166.73	100.3	17186.97	253603	105.2968 ng/ml
Fluoxetine	5.721	1192180	261125.27	8.6	651.99	446478	96.0031 ng/ml
Hydrocodone	3.032	461840	416.29	33.8	300.24	258002	106.8049 ng/ml
Hydromorphone	1.621	409464	1581.29	71.7	1223901.50	134255	101.5256 ng/ml
Ketamine	4.059	904860	2457.19	38.5	10790.81	428661	101.6916 ng/ml
Lamotrigine	4.287	86393	7374.12	85.5	3505.77	428661	99.8328 ng/ml
Levetiracetam	2.663	433160	11066.00	140.4	9062.20	1181055	96.9613 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	505290	5928.13	52.2	1217.52	107605	88.8445 ng/ml
MDA	3.216	1458270	21986.84	29.0	3141.36	507109	100.9612 ng/ml
MDMA	3.310	915266	18766.11	91.2	4484.54	110462	100.6341 ng/ml
Meprobamate	4.911	449350	34911.22	25.1	13058.36	241776	104.0014 ng/ml
Methadone	5.666	1885221	101429.17	53.3	47987.03	845813	89.6297 ng/ml
Methamphetamine	3.238	1973378	1248.15	38.7	689.18	817488	107.4275 ng/ml
Metoprolol	4.333	255147	1012.78	95.0	9651.90	1170652	104.3459 ng/ml
Mirtazapine	4.617	2053152	11167.24	46.4	166008.11	603382	97.8353 ng/ml
Mitragynine	5.230	410250	909.15	35.7	531.10	845813	95.5988 ng/ml
Morphine	1.253	65260	808.94	20.5	307.73	12037	96.0675 ng/ml
Norbuprenorphine	5.006	3782	7736.28	97.7	10824.93	16813	10.3032 ng/ml
Nordiazepam	5.906	513982	1138.67	59.0	546.77	176597	103.7197 ng/ml
Norfentanyl	4.093	203853	321.97	36.2	684.11	962705	9.0171 ng/ml
Norhydrocodone	3.080	62080	193.37	38.3	63.76	54593	98.6647 ng/ml
Noroxycodone	2.930	413682	601.75	48.4	2492.72	138557	101.5280 ng/ml
O-desmethyl-tramadol	3.389	1965975	34842.77	5.6	707.97	1176002	96.1363 ng/ml
Oxazepam	5.763	807139	11583.07	72.0	7587.45	306575	108.9327 ng/ml
Oxycodone	2.848	859087	1500.99	29.0	2222.17	357007	101.0221 ng/ml
Oxymorphone	1.411	360028	1282.85	45.6	138.64	120168	99.4527 ng/ml
Phentermine	3.790	538139	292.65	5.6	571.59	668790	102.7224 ng/ml
Promethazine	5.552	2186284	9102606.25	29.9	19723.13	958386	97.4248 ng/ml
Pseudoephedrine	2.603	2381259	48844.14	17.1	412.83	1181055	97.1619 ng/ml
Quetiapine	5.541	1216740	1140970.81	60.5	70286.14	204618	101.5056 ng/ml
Sertraline	5.789	478512	8770.32	92.5	16464.71	207729	95.9254 ng/ml
Temazepam	5.823	1399828	968.29	26.9	401.90	699137	98.0587 ng/ml
Tramadol	4.252	2165458	995.09	3.3	266.64	1170652	97.0409 ng/ml
Trazodone	5.108	1466982	155181.82	78.6	295781.59	580133	92.1403 ng/ml
Venlafaxine	5.050	1886791	1932290.28	33.8	1976.53	1055316	97.6523 ng/ml
Zolpidem	4.874	2108906	4658557.60	30.1	1891931.26	943003	101.3647 ng/ml

TS

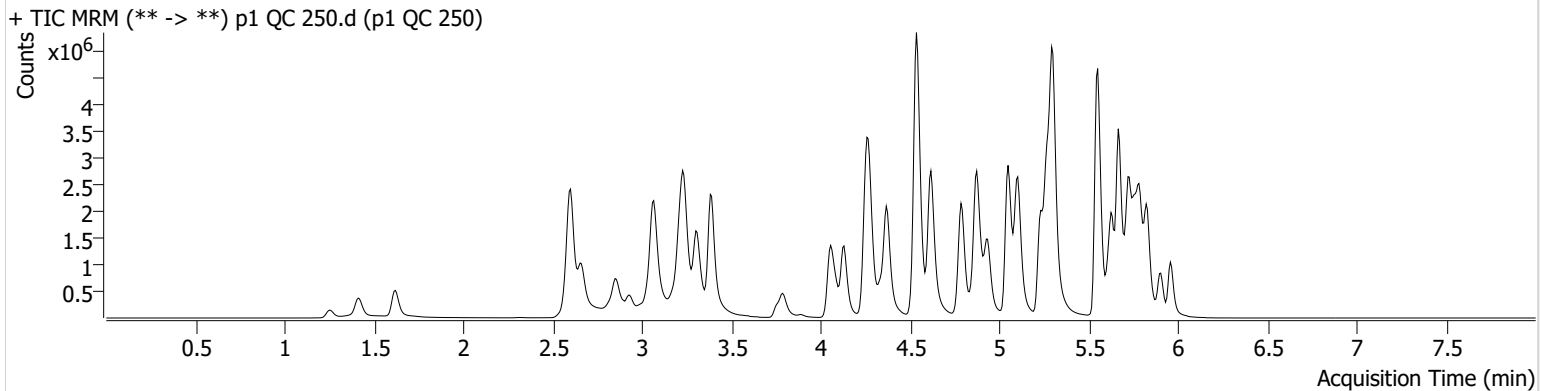


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 1/27/2022 7:56:36 AM

Instrument Falco (069901) **Data File** p1 QC 250.d
Type QC **Sample** p1 QC 250
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P2-F11 **Comment**
Injection Volume 2
Acq. Date-Time 1/19/2022 4:16:03 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	54062	1190.41	71.9	1730.56	58980	25.2015 ng/ml
7-aminoclonazepam	4.265	671077	13092.60	79.3	9815.77	112417	245.4022 ng/ml
a-hydroxyalprazolam	5.699	298297	590.97	67.6	918.39	200104	215.0835 ng/ml
alpha-PHP	4.937	870682	92501.07	260.3	735795.41	542327	254.7706 ng/ml
alpha-PVP	4.370	3110263	187444.51	52.4	43082.28	542327	246.4550 ng/ml
Alprazolam	5.782	1388735	4730.05	108.5	3659.78	200104	253.6233 ng/ml
Amphetamine	3.069	4798007	5047.10	47.7	37405.56	308288	239.9972 ng/ml
Benzoylcegonine	3.892	44309	80.30	7.7	14435.08	5926	248.8910 ng/ml
Buprenorphine	5.751	68431	287516.20	14.4	22834.93	92057	24.1696 ng/ml
Bupropion	4.788	3375916	115298.16	63.1	162581.42	487775	253.5330 ng/ml
Carisoprodol	5.730	1148749	1502911.98	55.0	661.21	199267	232.1121 ng/ml
Citalopram	5.232	2404232	39886.14	37.4	48722.32	420010	250.6864 ng/ml
Clonazepam	5.612	1416733	51332.80	35.2	867.32	83985	255.8860 ng/ml
Clonazepam	5.562	823360	555320.81	37.3	570098.27	83985	239.6166 ng/ml
Cocaine	4.271	1967997	2290.02	54.6	93032.67	700626	250.4616 ng/ml
Codeine	2.593	247418	187.73	100.9	180.74	54817	248.8603 ng/ml
Cyclobenzaprine	5.635	2380976	923.68	7.5	5384.96	382987	247.1929 ng/ml
Dextromethorphan	5.275	1463901	72445.30	78.6	105798.05	286704	250.0148 ng/ml
Dextrophan	4.132	906405	2101.18	214.2	73047.35	421964	249.6695 ng/ml
Diazepam	5.960	1045093	742.73	92.2	14441.52	204555	254.8133 ng/ml
Dihydrocodeine	2.572	669183	8352.09	60.9	346.12	173911	263.5969 ng/ml
Diphenhydramine	5.303	6988813	270263.27	30.8	32600.26	1461497	256.0934 ng/ml
Doxylamine	4.536	7031004	155422.56	97.4	26913.79	1190010	260.5347 ng/ml
EDDP	5.268	2786349	53440.21	41.5	34411.20	608614	252.5602 ng/ml
Etizolam	5.820	600981	2906.08	26.6	4072.13	83985	234.8144 ng/ml
Fentanyl	5.095	226206	7327.43	73.6	328137.85	531310	25.7767 ng/ml
Flualprazolam	5.712	546546	30506.82	103.7	17141.60	200104	265.2830 ng/ml
Fluoxetine	5.727	2132376	4799643.39	8.7	7048.38	304523	251.2492 ng/ml
Hydrocodone	3.032	995859	317.36	34.6	252.76	245688	242.7327 ng/ml
Hydromorphone	1.621	931612	7627956.73	75.1	3603202.10	116803	265.0055 ng/ml
Ketamine	4.059	2113317	55008.83	38.1	41539.23	399719	255.2925 ng/ml
Lamotrigine	4.287	177642	1031.49	87.3	267440.03	399719	220.7669 ng/ml
Levetiracetam	2.663	926483	14933.57	142.3	4767.00	1008129	243.0997 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.753	684985	39046.49	49.8	1537.53	83985	156.0589 ng/ml
MDA	3.209	2844351	2158.03	27.9	1476.14	412492	243.2724 ng/ml
MDMA	3.310	2071217	12963.63	93.2	15231.28	98326	255.9882 ng/ml
Meprobamate	4.911	841067	380.99	24.7	47665.35	193271	245.1745 ng/ml
Methadone	5.666	4305981	119267.33	51.3	67734.67	698340	245.5865 ng/ml
Methamphetamine	3.238	4506086	85024.64	38.3	951.22	781031	257.9715 ng/ml
Metoprolol	4.333	554221	20174.51	96.3	285040.09	1008290	264.3085 ng/ml
Mirtazapine	4.617	4804022	188569.21	45.7	72433.27	542327	254.3280 ng/ml
Mitragynine	5.230	863612	537.33	35.7	1176.12	698340	243.1112 ng/ml
Morphine	1.253	148986	3111.95	21.7	176.17	10556	249.5395 ng/ml
Norbuprenorphine	5.006	8809	2498.61	96.1	10814.31	15935	25.6178 ng/ml
Nordiazepam	5.906	999210	39520.76	58.1	1070.26	139227	256.3231 ng/ml
Norfentanyl	4.093	480211	17871.17	36.2	234.14	847698	24.0339 ng/ml
Norhydrocodone	3.080	133621	876.16	40.0	169.45	44065	261.8479 ng/ml
Noroxycodone	2.930	819115	677.04	48.6	∞	111117	251.1550 ng/ml
O-desmethyl-tramadol	3.389	4669814	112958.58	5.6	14800.91	1077548	248.9480 ng/ml
Oxazepam	5.763	1206389	9761.57	72.3	8251.23	190978	261.9162 ng/ml
Oxycodone	2.848	1972450	9847.14	29.7	4518.62	325137	254.9514 ng/ml
Oxymorphone	1.411	796709	∞	45.7	265.51	109446	242.4326 ng/ml
Phentermine	3.790	1143211	∞	5.5	78.69	624310	234.7474 ng/ml
Promethazine	5.552	4629545	1911.03	29.8	1407.13	780605	252.7283 ng/ml
Pseudoephedrine	2.603	5351377	68538.50	16.8	63054.47	1008129	255.1081 ng/ml
Quetiapine	5.541	2540301	52391.38	61.1	876.19	184240	236.8595 ng/ml
Sertraline	5.796	800871	2828.79	92.6	1024.60	139044	238.1138 ng/ml
Temazepam	5.830	2479134	80070.63	26.9	683.16	493496	245.4518 ng/ml
Tramadol	4.252	4927347	∞	3.2	275.34	1008290	257.1187 ng/ml
Trazodone	5.101	3331349	195731.10	78.2	196682.17	485317	248.7807 ng/ml
Venlafaxine	5.050	4435751	254673.30	33.2	1603.77	950743	254.4267 ng/ml
Zolpidem	4.874	4953518	2664.23	29.0	7375.71	882125	254.8772 ng/ml

*Outside curve range.

AM #28 Multi-Drug Quant. Results

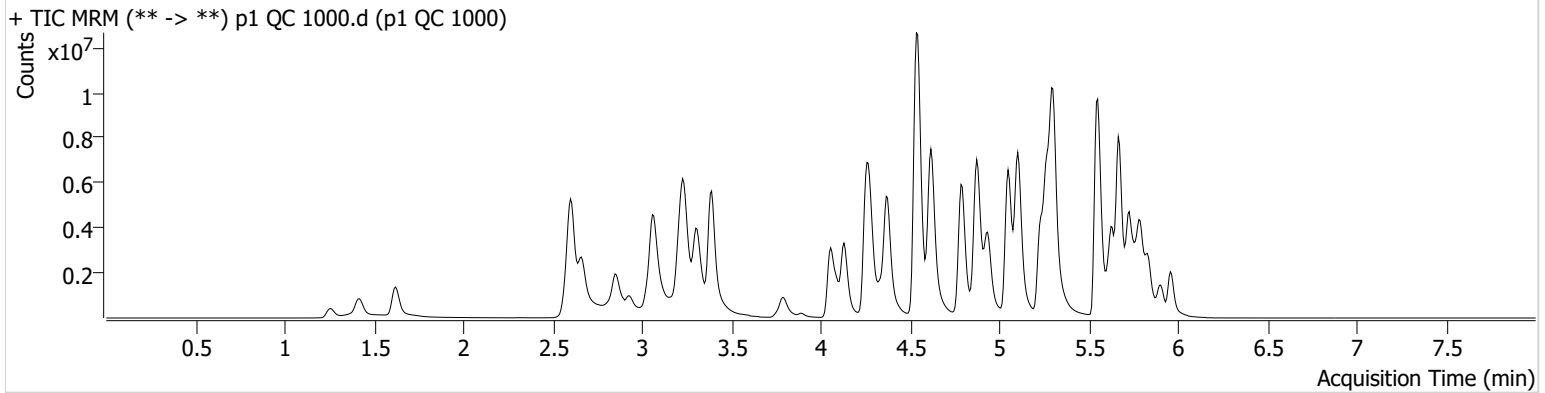
TS



Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 1/27/2022 7:56:36 AM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-E11	Comment	
Injection Volume	2		
Acq. Date-Time	1/19/2022 4:37:18 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	169153	2474.80	70.8	679.12	45756	101.5586 ng/ml
* 7-aminoclonazepam	4.265	942712	2689.99	73.5	3119.41	58380	665.3293 ng/ml
* a-hydroxyalprazolam	5.692	383970	432.59	68.1	352.89	106470	521.6053 ng/ml
alpha-PHP	4.937	2458385	114400.11	267.6	385682.29	390492	998.9602 ng/ml
alpha-PVP	4.376	9451278	280077.31	51.5	32446.88	390492	1039.7938 ng/ml
Alprazolam	5.782	2915471	∞	106.8	1762.74	106470	1000.1031 ng/ml
* Amphetamine	3.069	11023349	321.34	47.0	319.11	232701	731.9990 ng/ml
Benzoylcegonine	3.892	165232	454.62	8.1	238.16	5489	1003.8218 ng/ml
Buprenorphine	5.751	199735	1436126.20	15.2	36219.10	58500	110.9631 ng/ml
Bupropion	4.788	10157171	495837.43	63.1	75065.14	380114	979.1428 ng/ml
Carisoprodol	5.737	1683635	147007.81	55.1	17671.83	68356	986.6558 ng/ml
Citalopram	5.232	5684589	169173.76	37.5	259856.03	236336	1052.3665 ng/ml
Clonazepam	5.612	2226695	1118563.96	34.9	47428.46	41328	819.3855 ng/ml
* Clonazepam	5.569	1162128	48049.71	37.5	34659.50	41328	690.8530 ng/ml
Cocaine	4.271	5130977	1265.78	53.0	1245.96	452045	1012.3426 ng/ml
Codeine	2.593	564736	17275.79	99.1	30595.83	37436	833.4547 ng/ml
Cyclobenzaprine	5.635	6324262	5296.45	7.2	54579.74	230329	1089.4084 ng/ml
Dextromethorphan	5.275	3189505	101229.97	78.0	114837.75	154091	1013.7163 ng/ml
Dextrophan	4.132	2608810	184618.08	217.7	2436.09	290864	1041.5932 ng/ml
Diazepam	5.960	2507736	12304.98	90.0	17251.80	125223	999.3786 ng/ml
Dihydrocodeine	2.572	1790696	21856.88	62.6	26647.31	148253	829.0508 ng/ml
Diphenhydramine	5.303	17225767	1042579.31	32.4	60584.65	890780	1034.6908 ng/ml
Doxylamine	4.536	19297825	16704.35	98.6	418754.77	871694	975.7898 ng/ml
EDDP	5.268	8285970	118547.26	40.3	103891.55	435823	1048.3502 ng/ml
Etizolam	5.820	1478280	17471.38	26.0	13859.54	41328	1171.1790 ng/ml
Fentanyl	5.095	680738	34210.73	75.7	3151.59	390611	105.4704 ng/ml
Flualprazolam	5.712	988413	42893.28	111.1	55507.06	106470	902.8779 ng/ml
Fluoxetine	5.727	4897816	160738.73	8.2	1001773.92	159070	1103.7073 ng/ml
Hydrocodone	3.032	2825833	327.02	35.3	1223.98	182589	928.7781 ng/ml
Hydromorphone	1.621	2868430	14173795.92	75.4	18863654.5	94463	1008.0536 ng/ml
Ketamine	4.059	6257997	191823.58	37.0	23128.36	312844	967.0032 ng/ml
* Lamotrigine	4.294	378993	37203.84	87.0	562.38	312844	602.6863 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.663	2472861	5232.85	144.9	644.22	667828	979.7581 ng/ml
* Lorazepam	5.753	721114	35215.72	51.4	1765.45	41328	336.5596 ng/ml
* MDA	3.209	5248077	1311.93	27.6	1509.61	242876	764.1230 ng/ml
MDMA	3.310	5737341	5456.96	93.4	98449.78	68280	1021.4163 ng/ml
Meprobamate	4.911	1556262	5838.87	24.5	20523.28	92237	954.1334 ng/ml
Methadone	5.666	11718516	276701.59	50.9	108844.44	458539	1013.6662 ng/ml
Methamphetamine	3.238	12732790	456869.43	36.7	9412.38	673096	847.8331 ng/ml
Metoprolol	4.340	1306874	743823.19	98.3	10878.06	746496	843.4773 ng/ml
Mirtazapine	4.617	14048390	346948.29	45.1	287511.37	390492	1032.2258 ng/ml
Mitragynine	5.230	2270069	80609.89	36.2	1594093.39	458539	972.0100 ng/ml
Morphine	1.261	463680	1874.12	20.2	87.58	9096	900.3987 ng/ml
Norbuprenorphine	5.006	30012	171.08	95.1	107925.69	13957	100.2297 ng/ml
Nordiazepam	5.906	1850006	5411.61	58.1	47486.71	69046	958.0062 ng/ml
Norfentanyl	4.093	1545349	126931.05	35.8	939.29	569201	114.9827 ng/ml
* Norhydrocodone	3.080	427076	625.03	41.4	∞	30588	1202.9514 ng/ml
Noroxycodone	2.930	1915383	2508.21	49.5	1562.04	68267	956.8278 ng/ml
O-desmethyl-tramadol	3.389	14474736	508731.30	5.5	530.01	806024	1031.0590 ng/ml
Oxazepam	5.756	1143775	25157.07	72.2	3879.05	49178	965.3918 ng/ml
Oxycodone	2.848	5954856	9238.22	29.3	2934.03	256334	976.8038 ng/ml
Oxymorphone	1.418	2250882	∞	45.9	∞	84334	890.3536 ng/ml
* Phentermine	3.797	2874821	3266.07	5.5	10517.71	504954	731.4664 ng/ml
Promethazine	5.552	13085889	∞	28.8	3876.96	513062	1085.7289 ng/ml
Pseudoephedrine	2.603	15081494	104097.19	16.3	105863.85	667828	1083.9220 ng/ml
* Quetiapine	5.541	5639359	644.24	61.3	146536.35	136651	711.1944 ng/ml
Sertraline	5.796	1933070	67954.51	90.3	562562.30	81065	982.1564 ng/ml
Temazepam	5.830	3762464	51473.14	26.6	3067.80	183993	997.9479 ng/ml
Tramadol	4.252	13288670	1794.20	3.1	1000.21	746496	937.8242 ng/ml
Trazodone	5.101	10209691	534677.84	78.4	371183.12	307776	1199.2746 ng/ml
Venlafaxine	5.050	13011349	450874.22	32.3	7631.42	667564	1062.0992 ng/ml
Zolpidem	4.874	14621024	2837.78	28.0	2022.41	694640	956.0023 ng/ml

*Outside curve range.

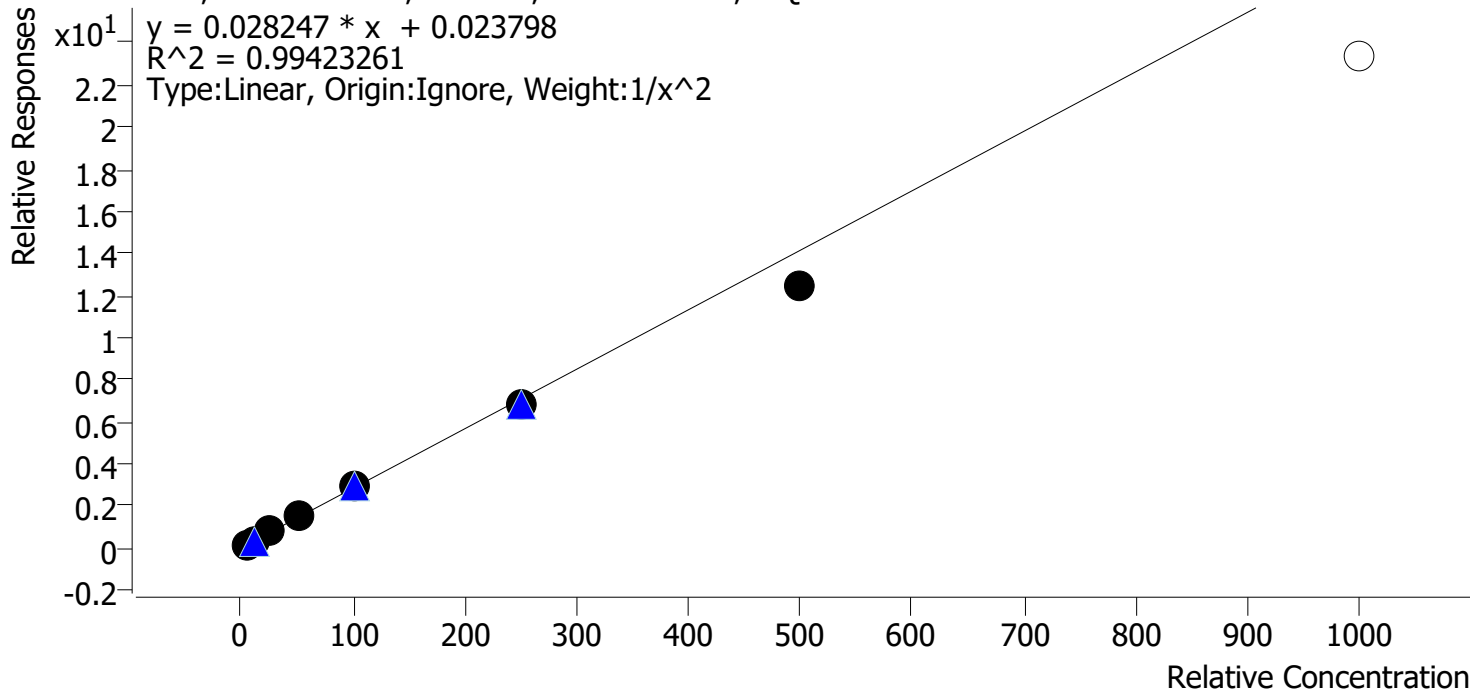
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

MDA - 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	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	242.2	96.9
p1 Cal 7-500ng	7	✓	500.0	441.8	88.4
p1 Cal 8-1000ng	8	✗	1000.0	825.7	82.6

Cal 8 dropped due to linearity

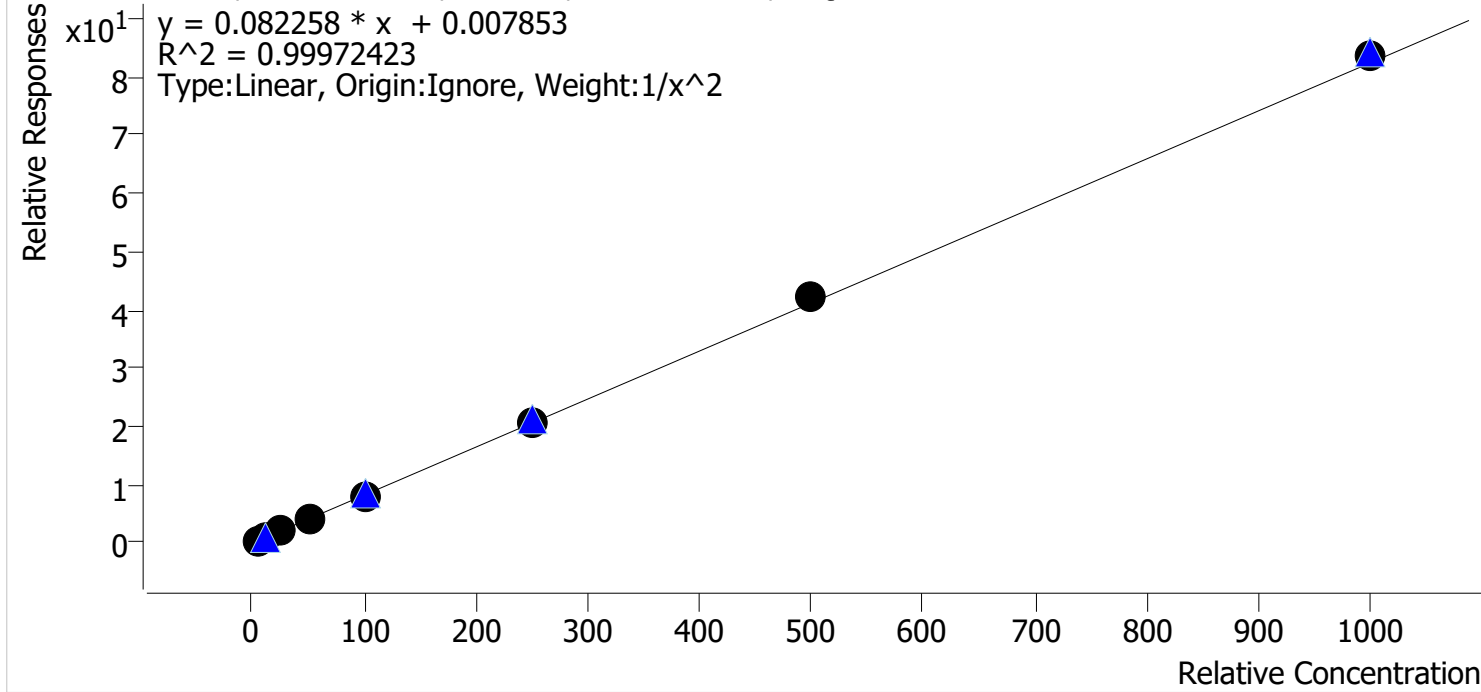
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
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	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	510.6	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1012.7	101.3

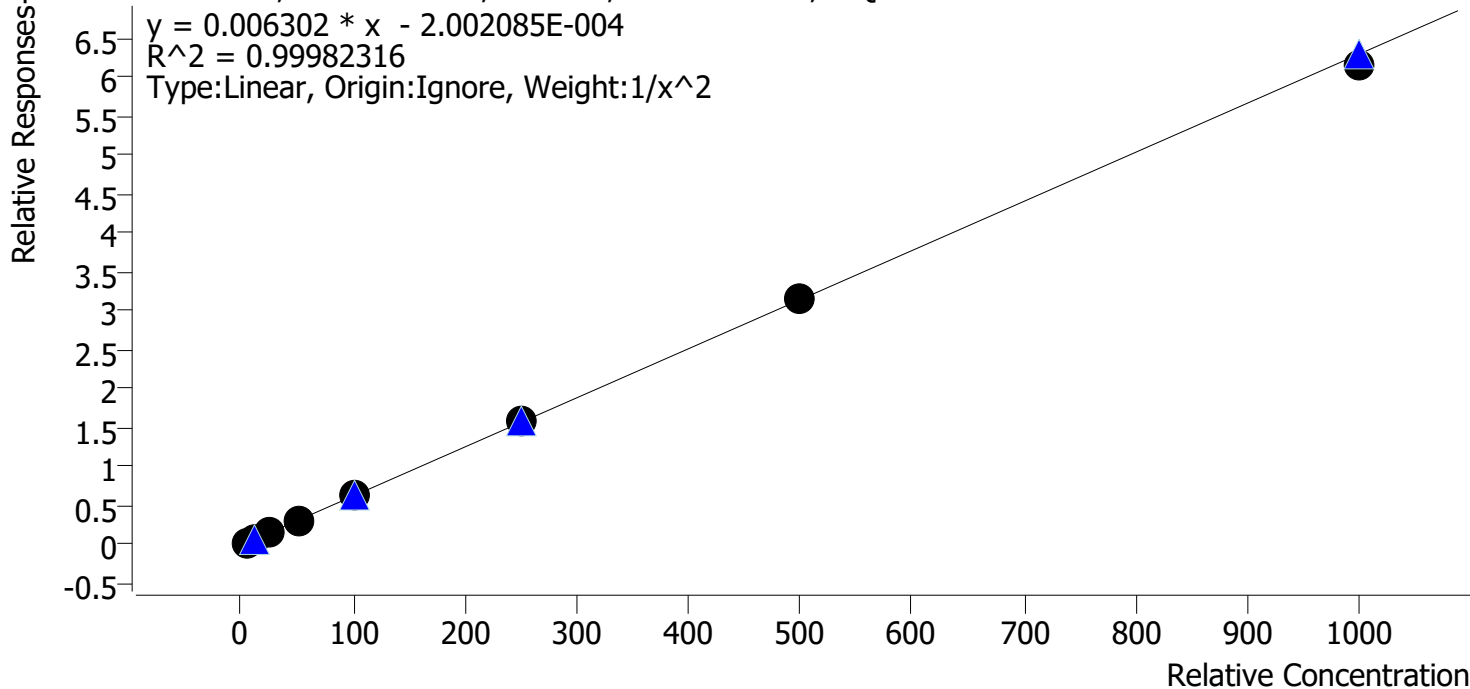
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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



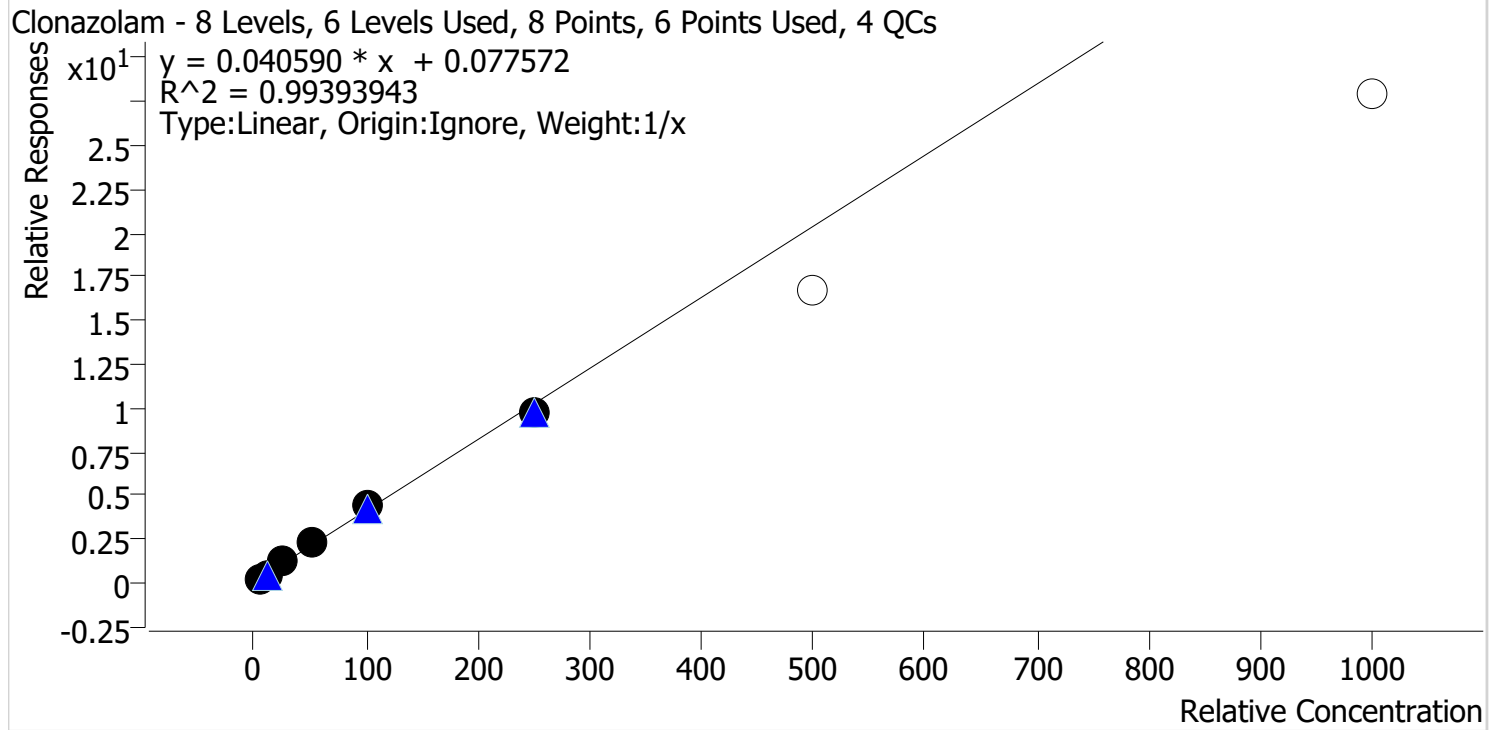
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	252.1	100.9
p1 Cal 7-500ng	7	✓	500.0	501.4	100.3
p1 Cal 8-1000ng	8	✓	1000.0	980.3	98.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.1	82.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	108.9	108.9
p1 Cal 6-250ng	6	✓	250.0	236.5	94.6
p1 Cal 7-500ng	7	x	500.0	409.7	81.9
p1 Cal 8-1000ng	8	x	1000.0	687.0	68.7

Cal 7 and 8 dropped due to linearity

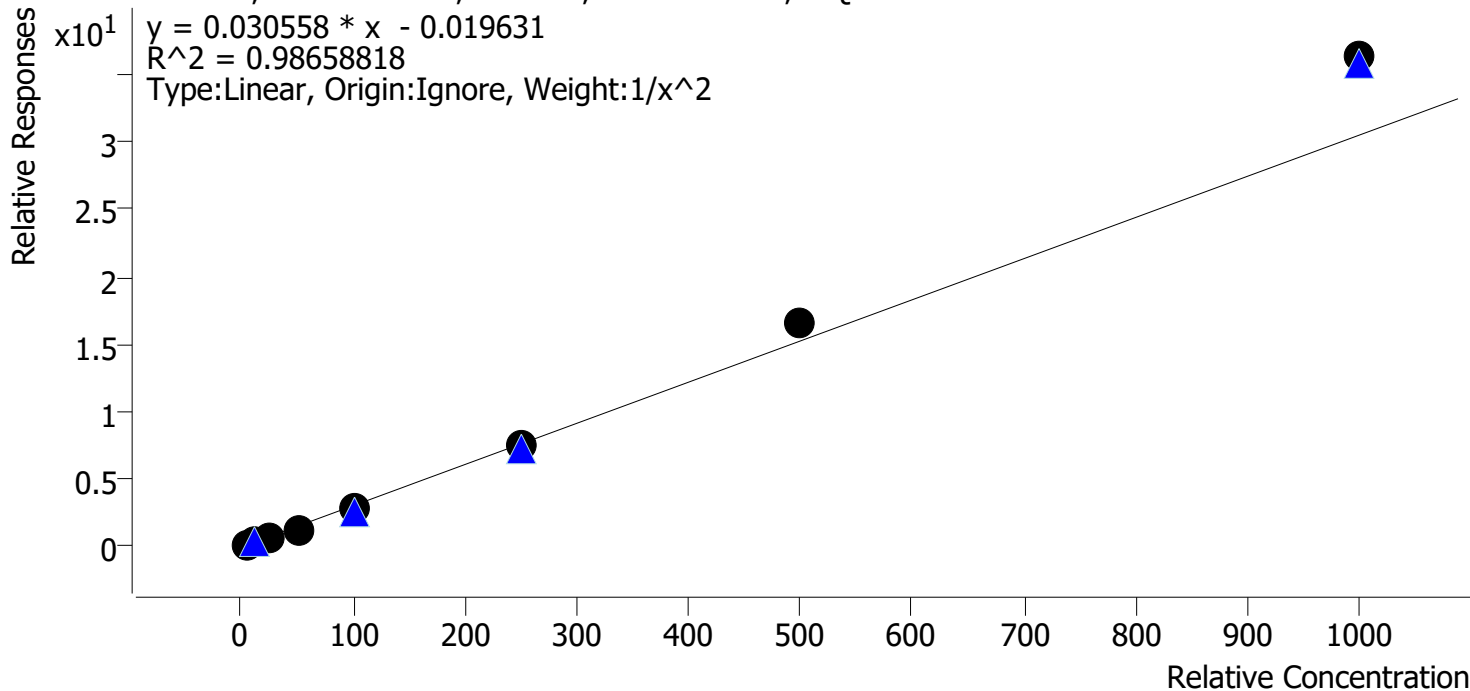
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



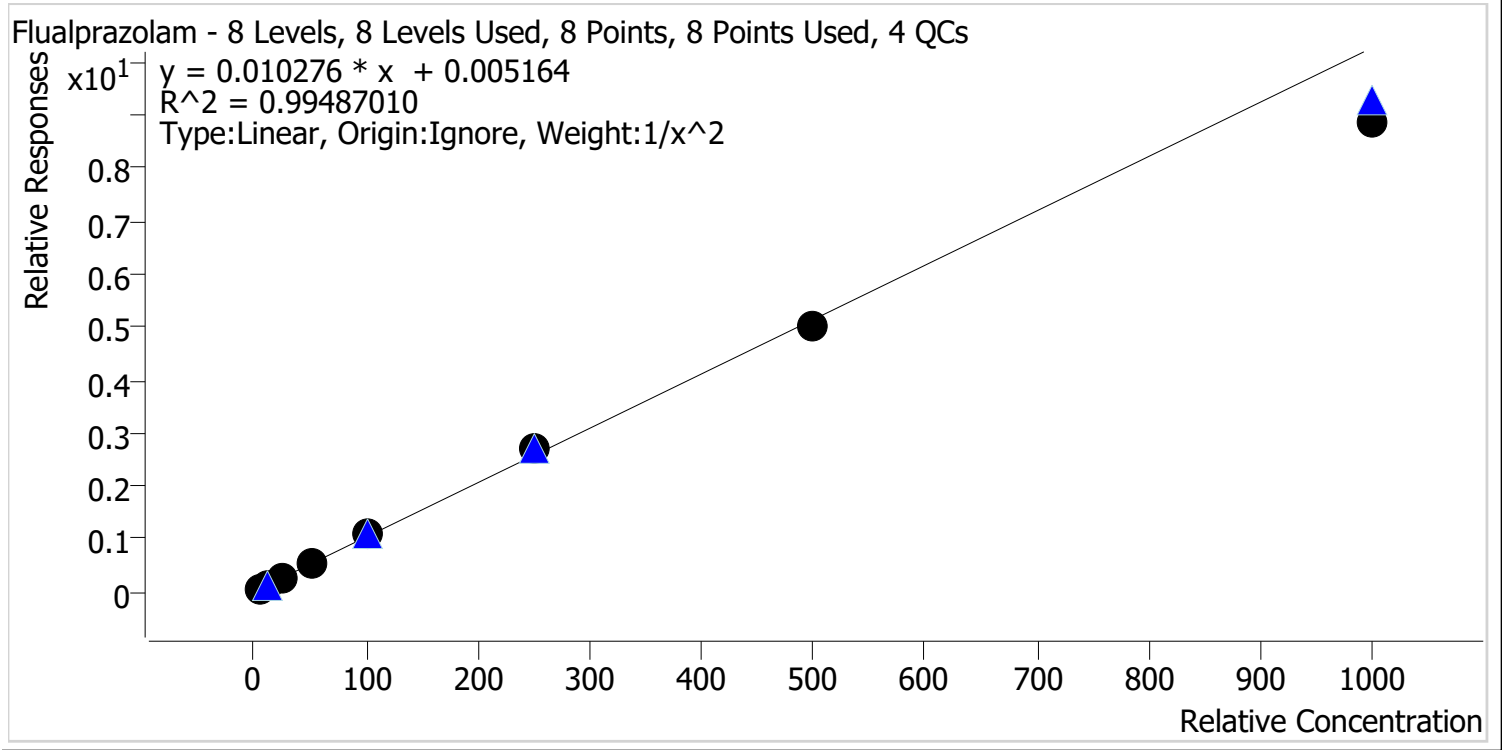
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.7
p1 Cal 4-50ng	4	✓	50.0	44.1	88.2
p1 Cal 5-100ng	5	✓	100.0	91.8	91.8
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	541.1	108.2
p1 Cal 8-1000ng	8	✓	1000.0	1190.8	119.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



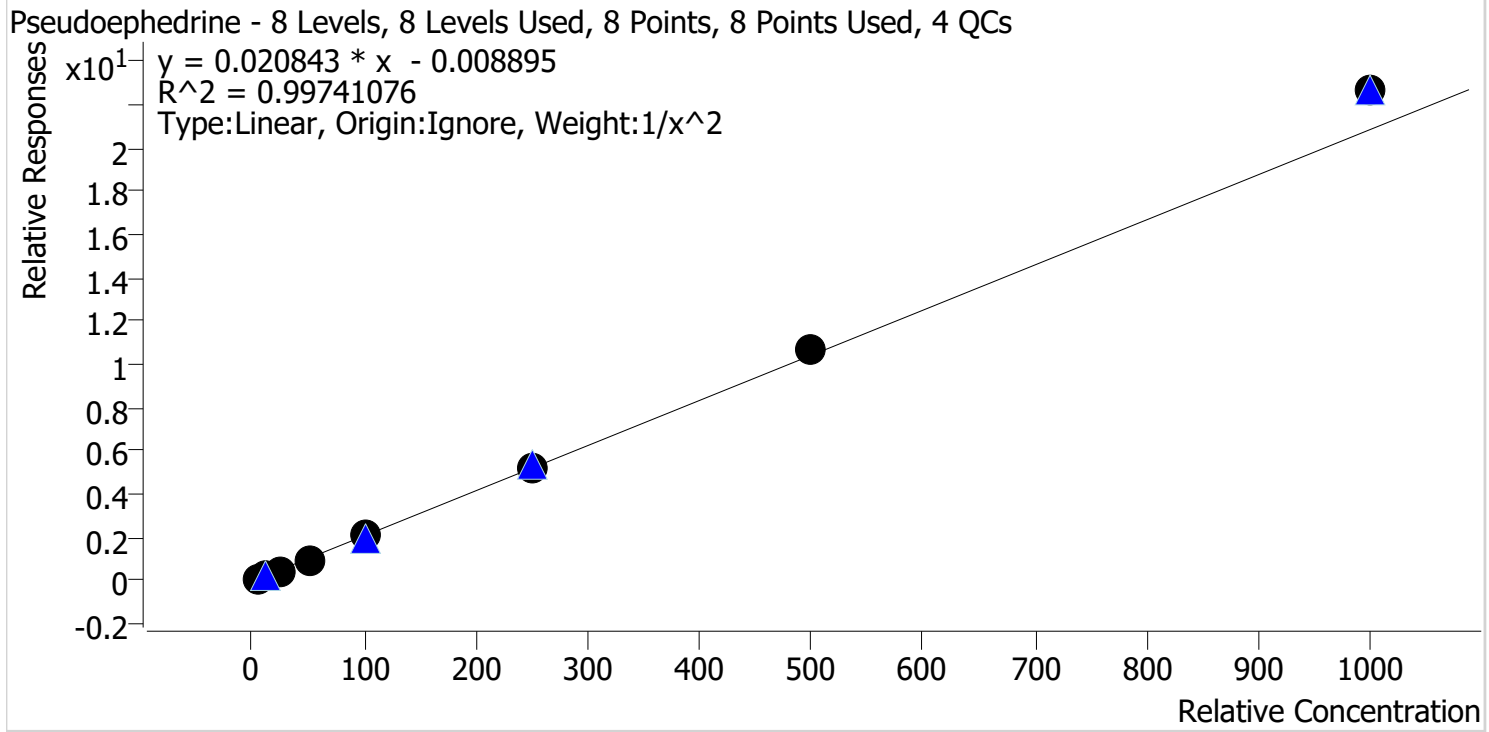
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	51.2	102.3
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	262.6	105.0
p1 Cal 7-500ng	7	✓	500.0	490.8	98.2
p1 Cal 8-1000ng	8	✓	1000.0	866.4	86.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



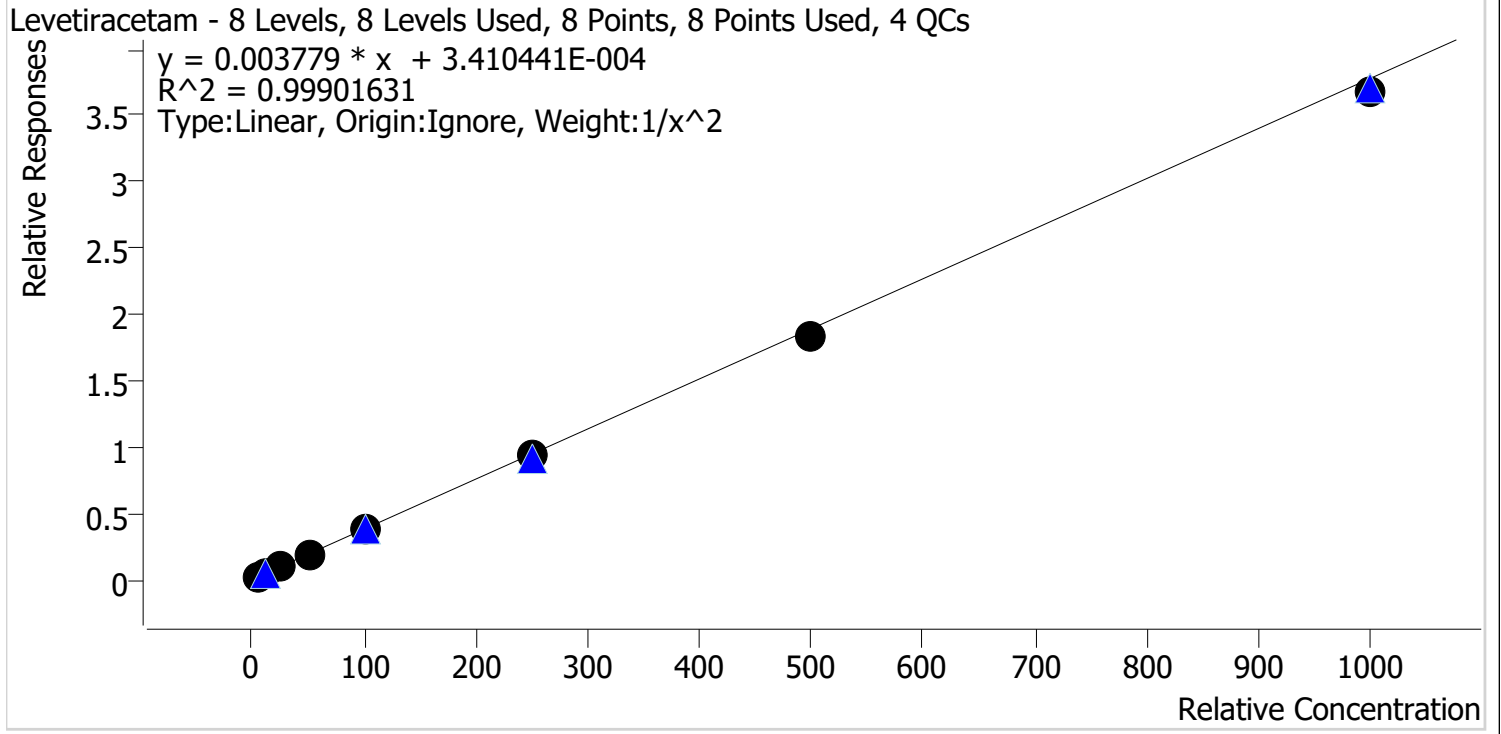
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.2
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	509.2	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1086.3	108.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.6
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
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	484.6	96.9
p1 Cal 8-1000ng	8	✓	1000.0	973.1	97.3

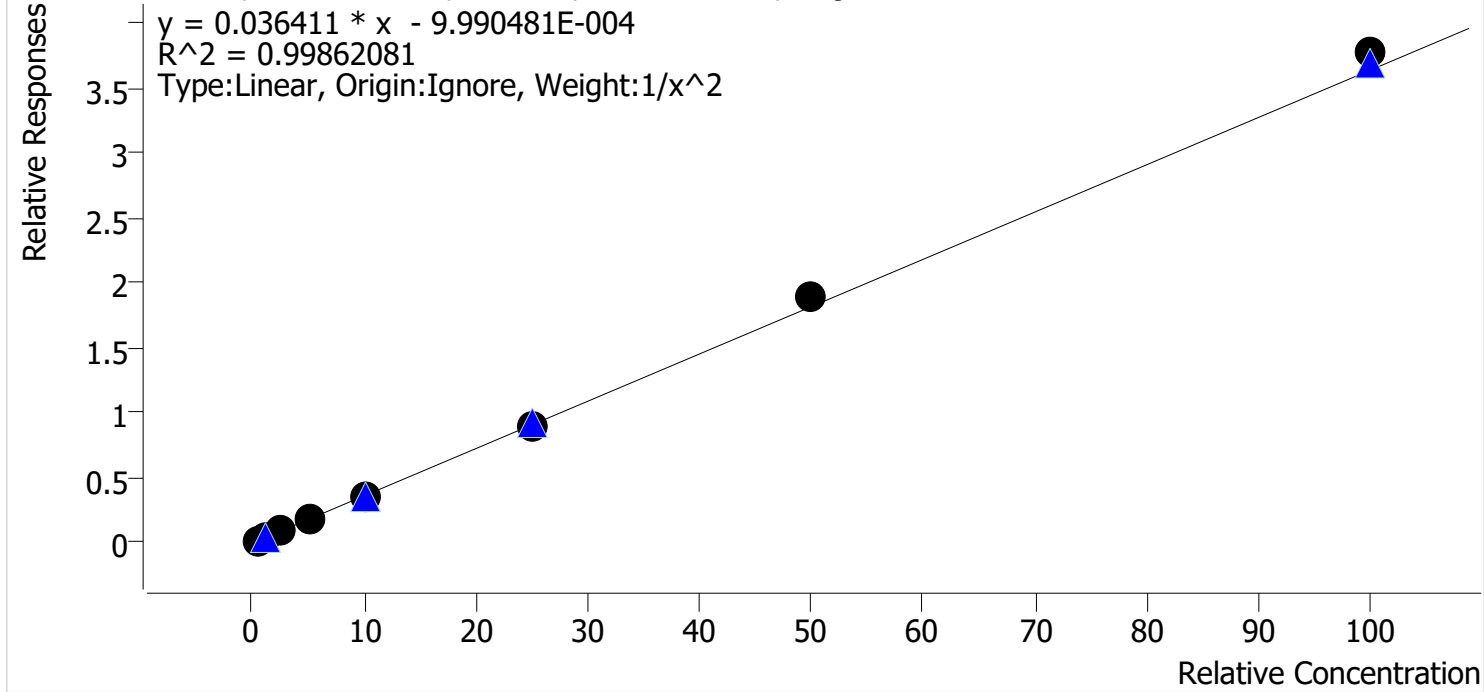
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



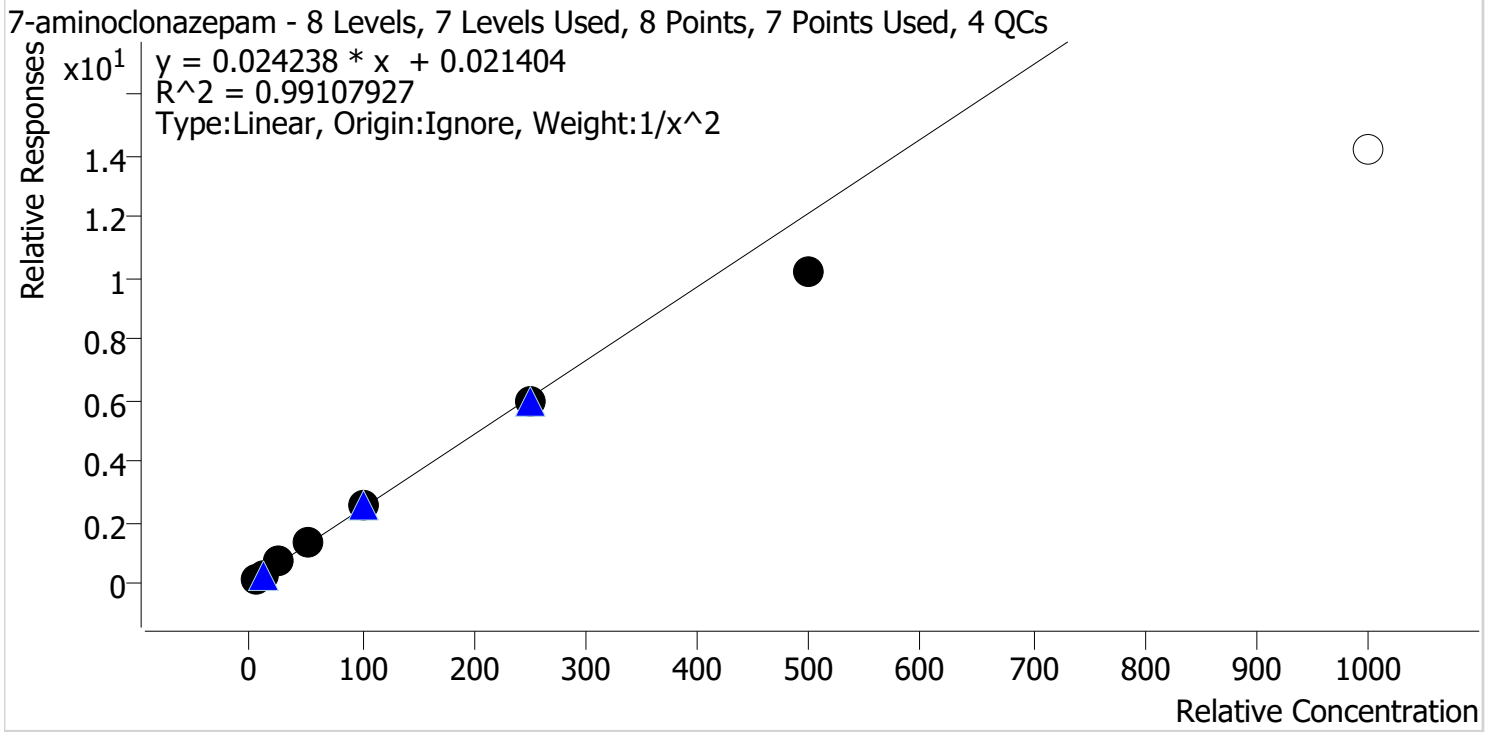
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.0
p1 Cal 2-10ng	2	✓	1.0	1.0	96.9
p1 Cal 3 -25ng	3	✓	2.5	2.5	100.6
p1 Cal 4-50ng	4	✓	5.0	4.7	94.8
p1 Cal 5-100ng	5	✓	10.0	9.8	98.0
p1 Cal 6-250ng	6	✓	25.0	25.0	100.1
p1 Cal 7-500ng	7	✓	50.0	51.9	103.8
p1 Cal 8-1000ng	8	✓	100.0	103.7	103.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.0
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	421.4	84.3
p1 Cal 8-1000ng	8	✗	1000.0	584.8	58.5

Cal 8 dropped due to linearity

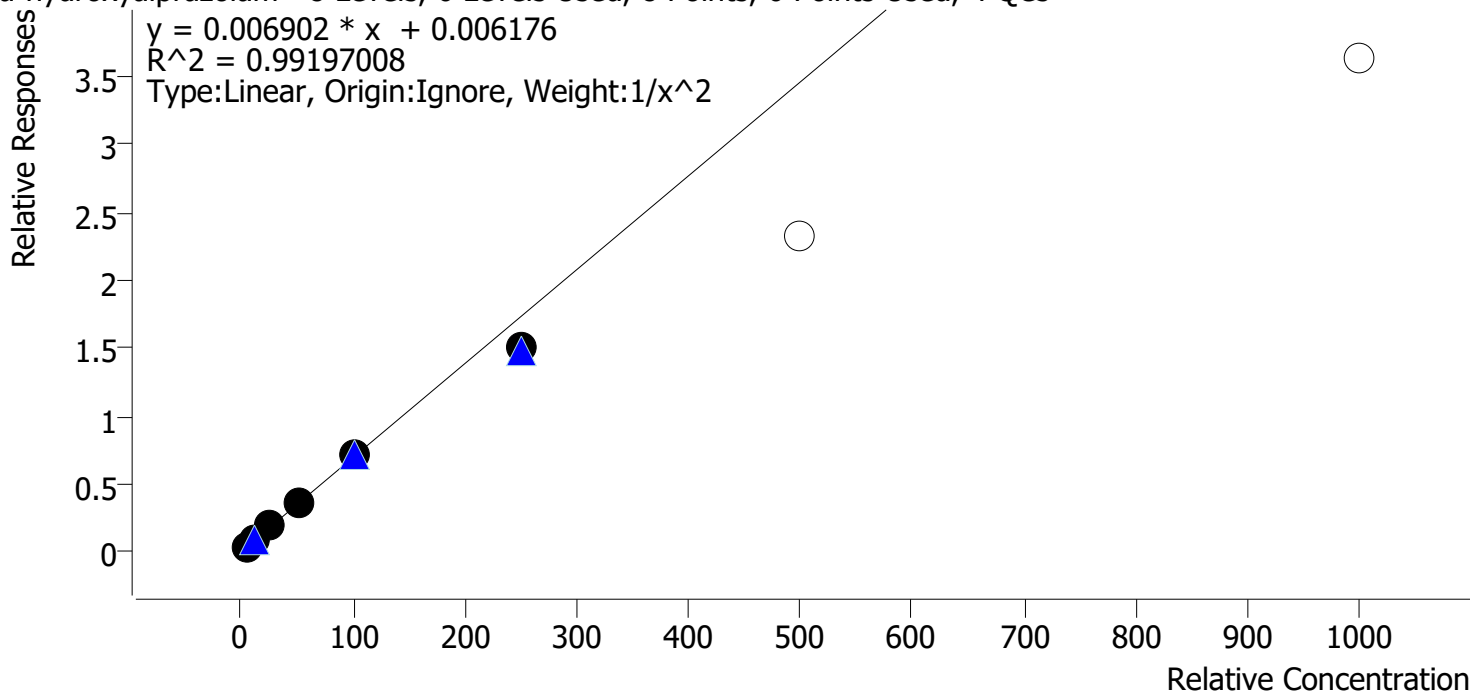
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 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	95.1
p1 Cal 2-10ng	2	✓	10.0	10.8	107.7
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	219.3	87.7
p1 Cal 7-500ng	7	✗	500.0	336.4	67.3
p1 Cal 8-1000ng	8	✗	1000.0	524.9	52.5

Cal 7 and 8 dropped due to linearity

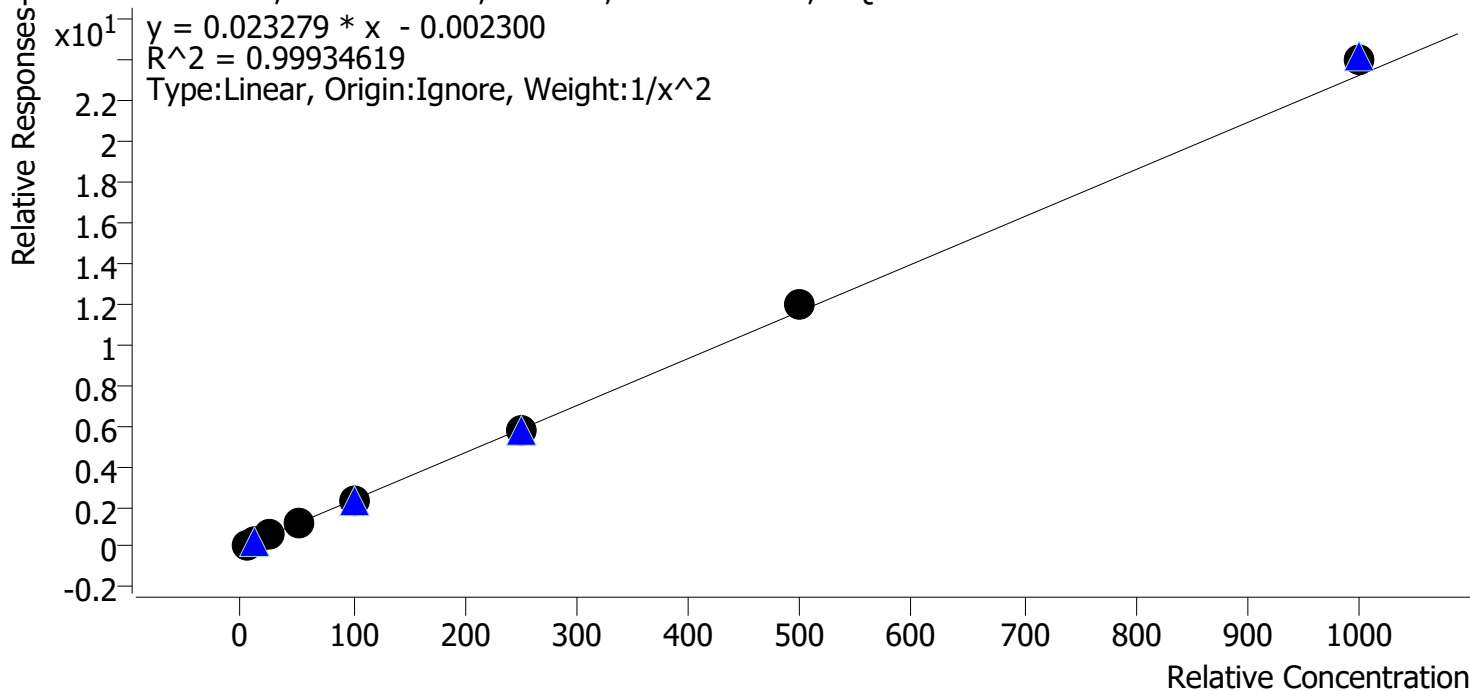
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

alpha-PVP - 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	100.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	249.9	99.9
p1 Cal 7-500ng	7	✓	500.0	515.3	103.1
p1 Cal 8-1000ng	8	✓	1000.0	1030.6	103.1

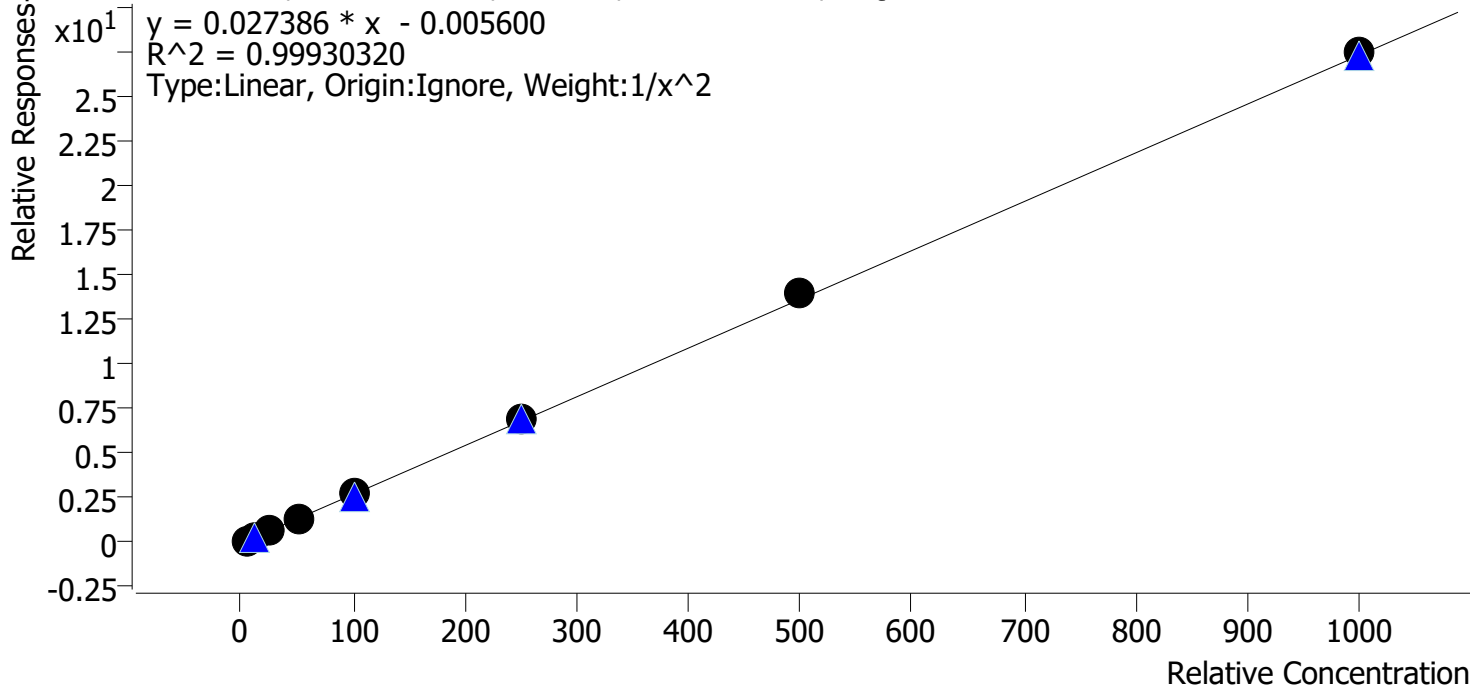
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
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	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	48.9	97.7
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	511.0	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1005.7	100.6

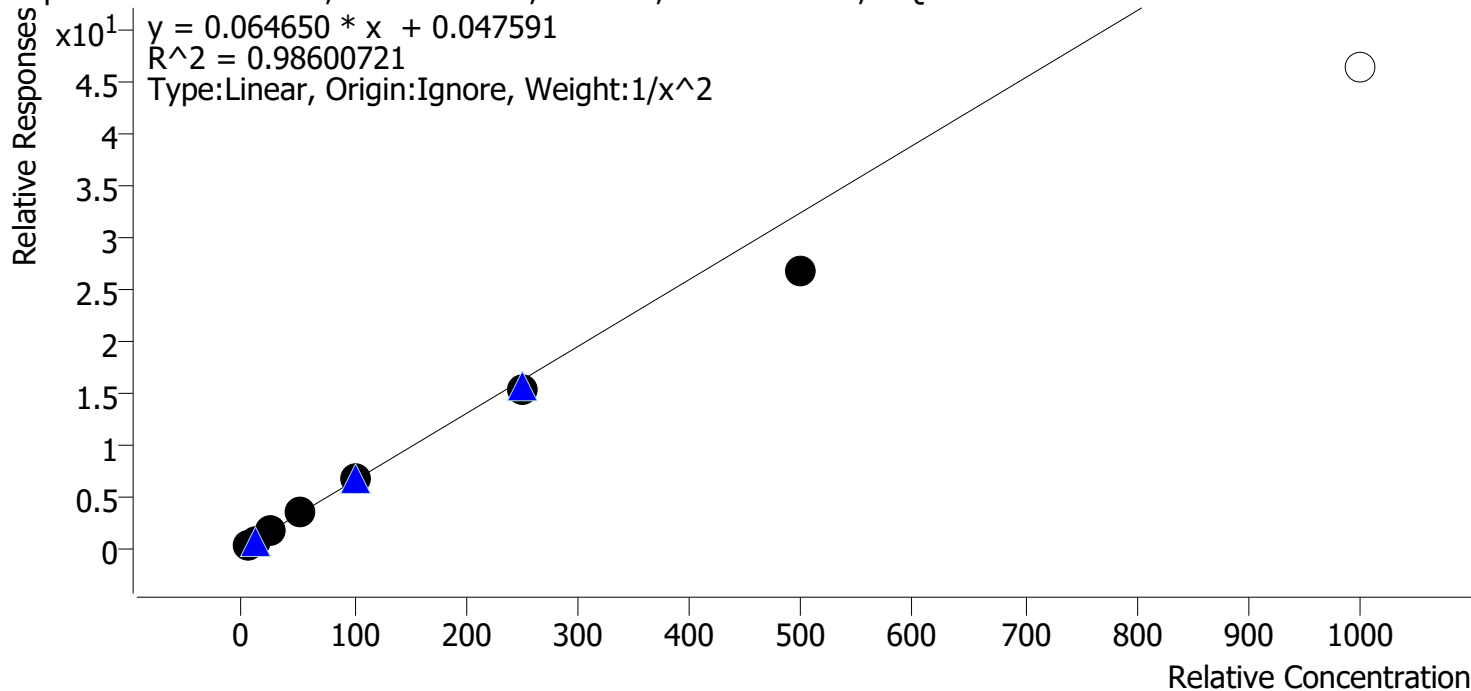
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

Amphetamine - 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	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.6
p1 Cal 4-50ng	4	✓	50.0	55.1	110.1
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	235.0	94.0
p1 Cal 7-500ng	7	✓	500.0	413.6	82.7
p1 Cal 8-1000ng	8	x	1000.0	715.4	71.5

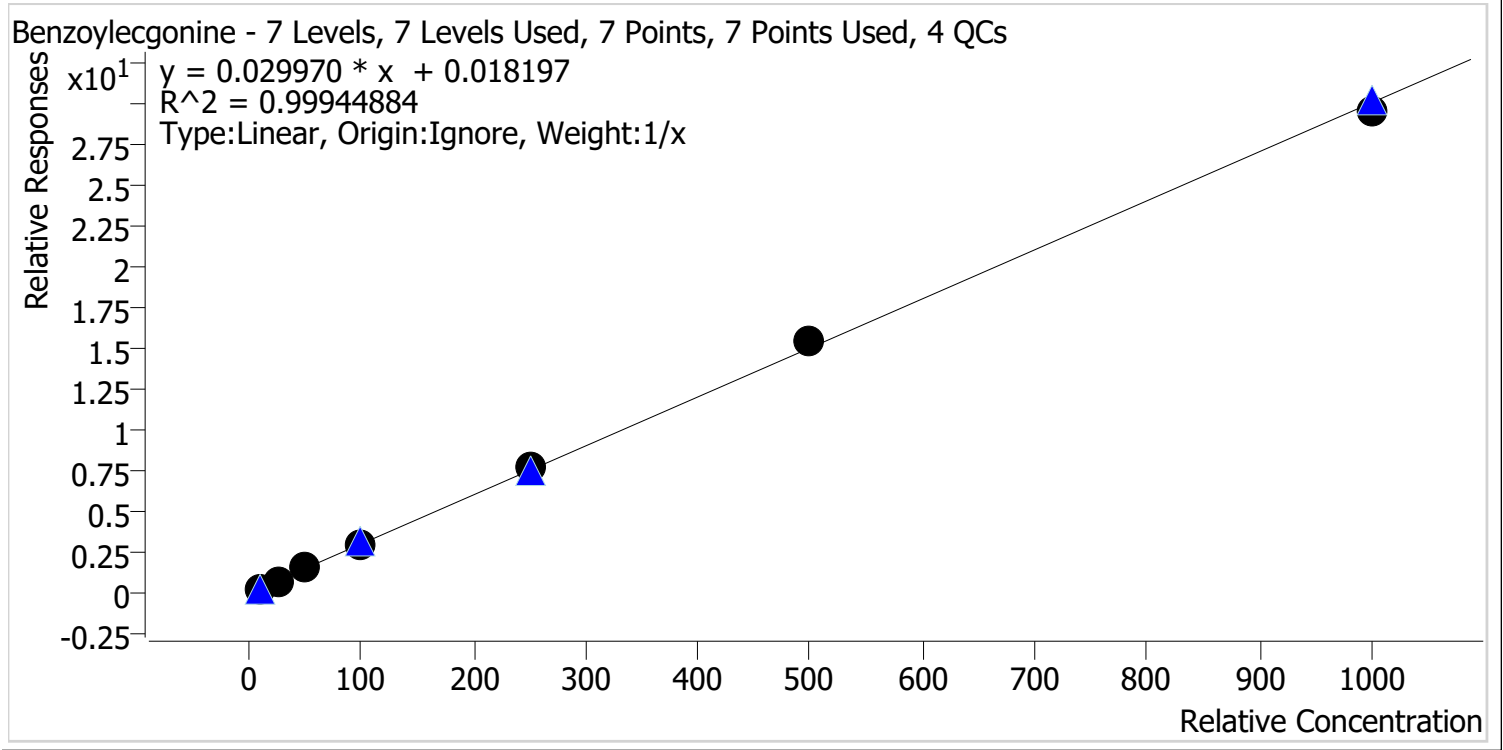
Cal 8 dropped due to linearity

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



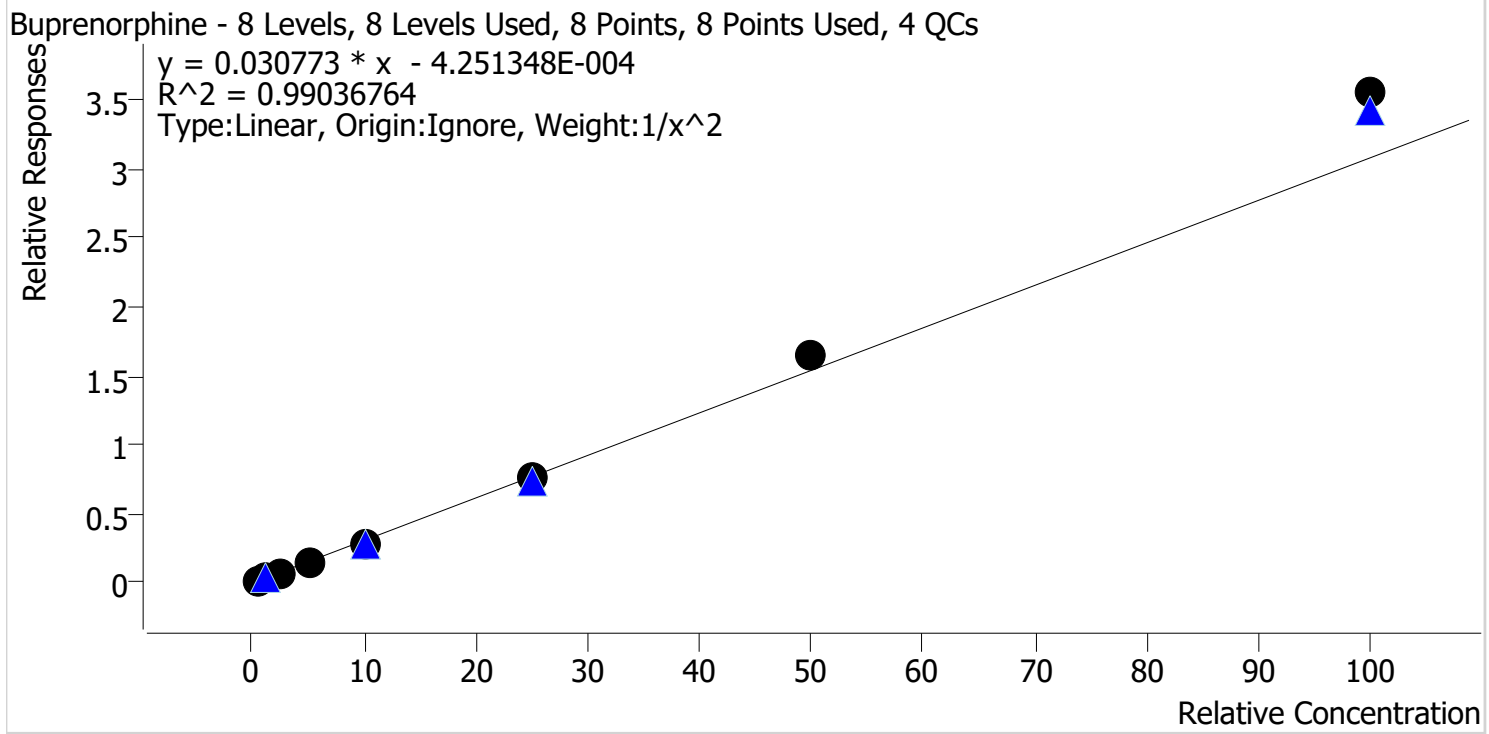
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	257.7	103.1
p1 Cal 7-500ng	7	✓	500.0	511.3	102.3
p1 Cal 8-1000ng	8	✓	1000.0	983.2	98.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



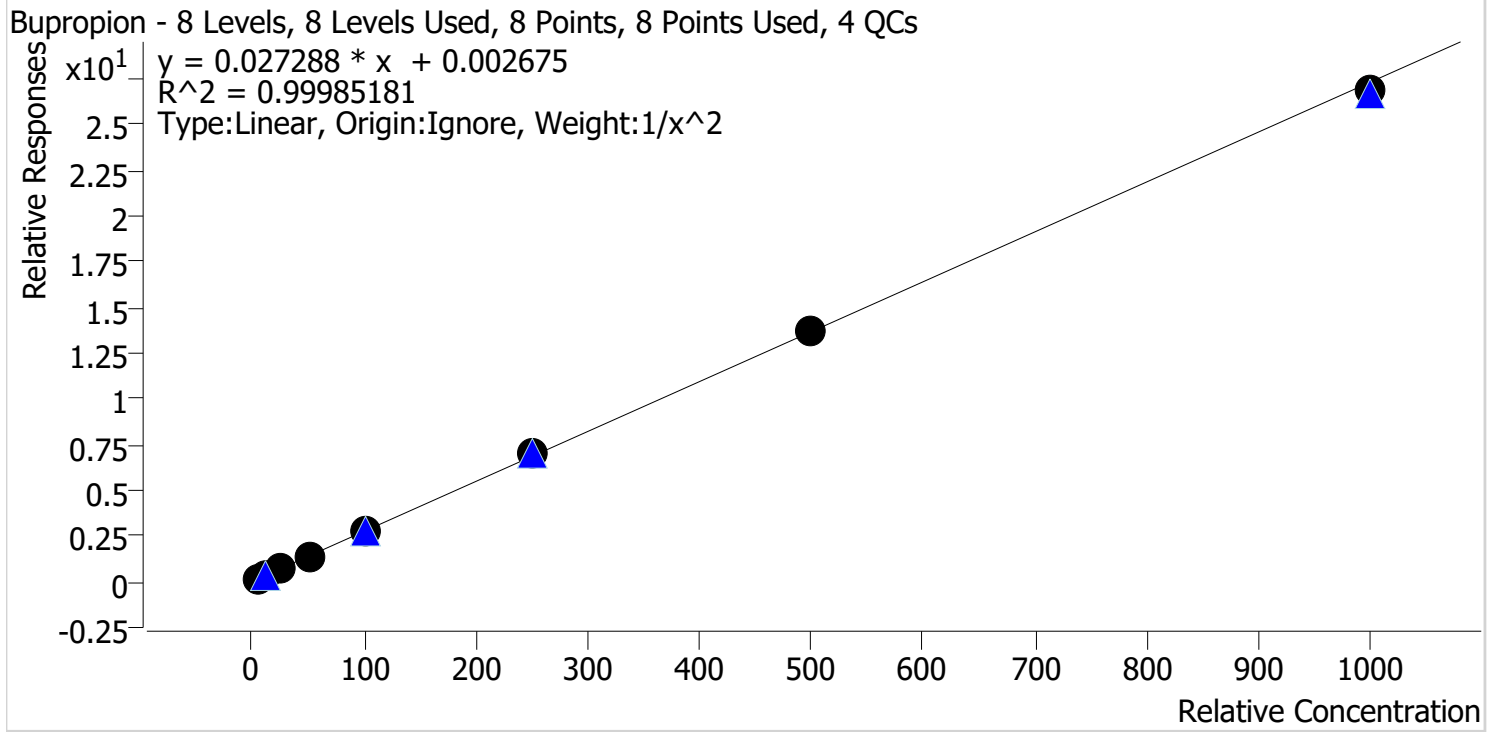
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.7
p1 Cal 2-10ng	2	✓	1.0	1.0	99.0
p1 Cal 3 -25ng	3	✓	2.5	2.2	88.3
p1 Cal 4-50ng	4	✓	5.0	4.6	92.8
p1 Cal 5-100ng	5	✓	10.0	9.4	94.3
p1 Cal 6-250ng	6	✓	25.0	25.0	100.0
p1 Cal 7-500ng	7	✓	50.0	53.3	106.5
p1 Cal 8-1000ng	8	✓	100.0	115.3	115.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



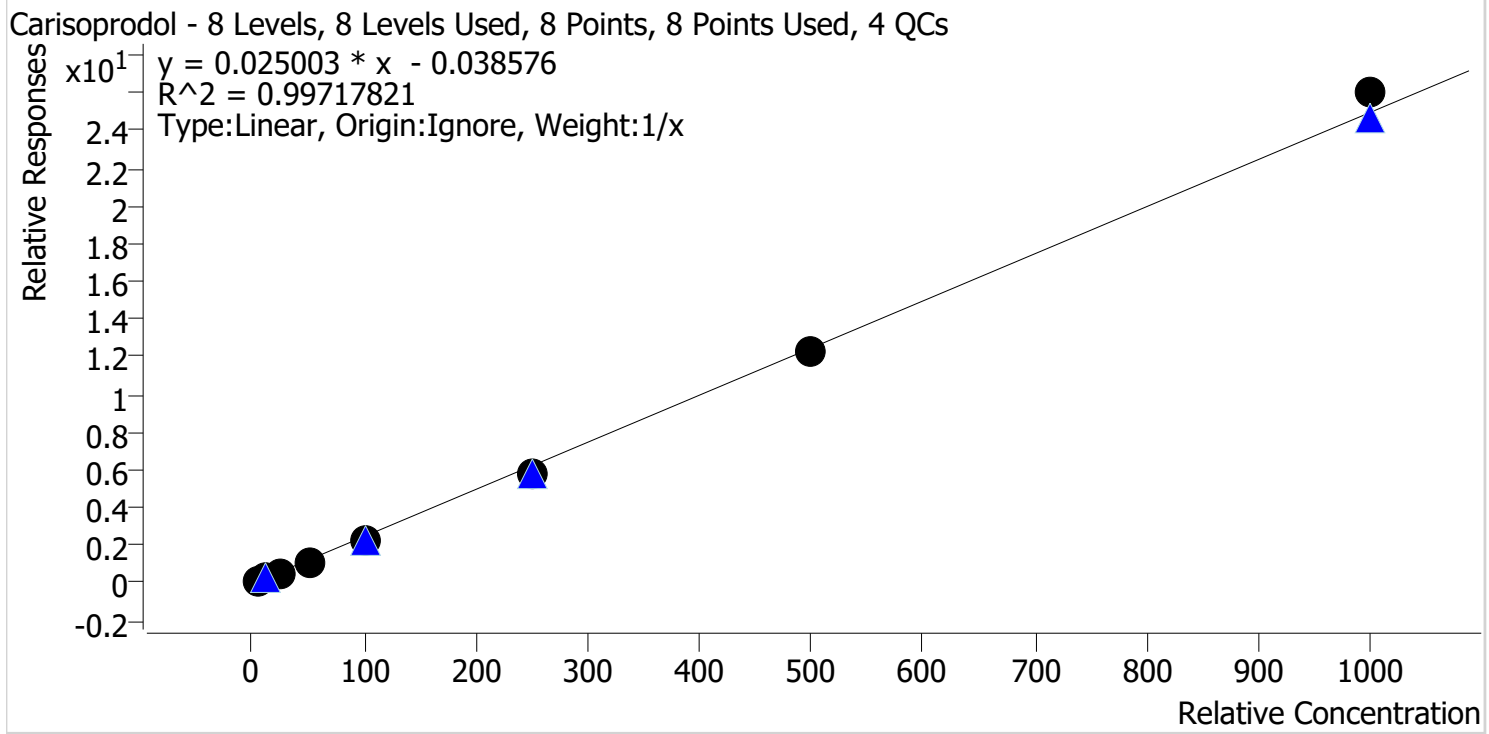
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	504.3	100.9
p1 Cal 8-1000ng	8	✓	1000.0	983.2	98.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
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	6.1	122.6
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	45.9	91.8
p1 Cal 5-100ng	5	✓	100.0	88.6	88.6
p1 Cal 6-250ng	6	✓	250.0	233.8	93.5
p1 Cal 7-500ng	7	✓	500.0	488.8	97.8
p1 Cal 8-1000ng	8	✓	1000.0	1042.1	104.2

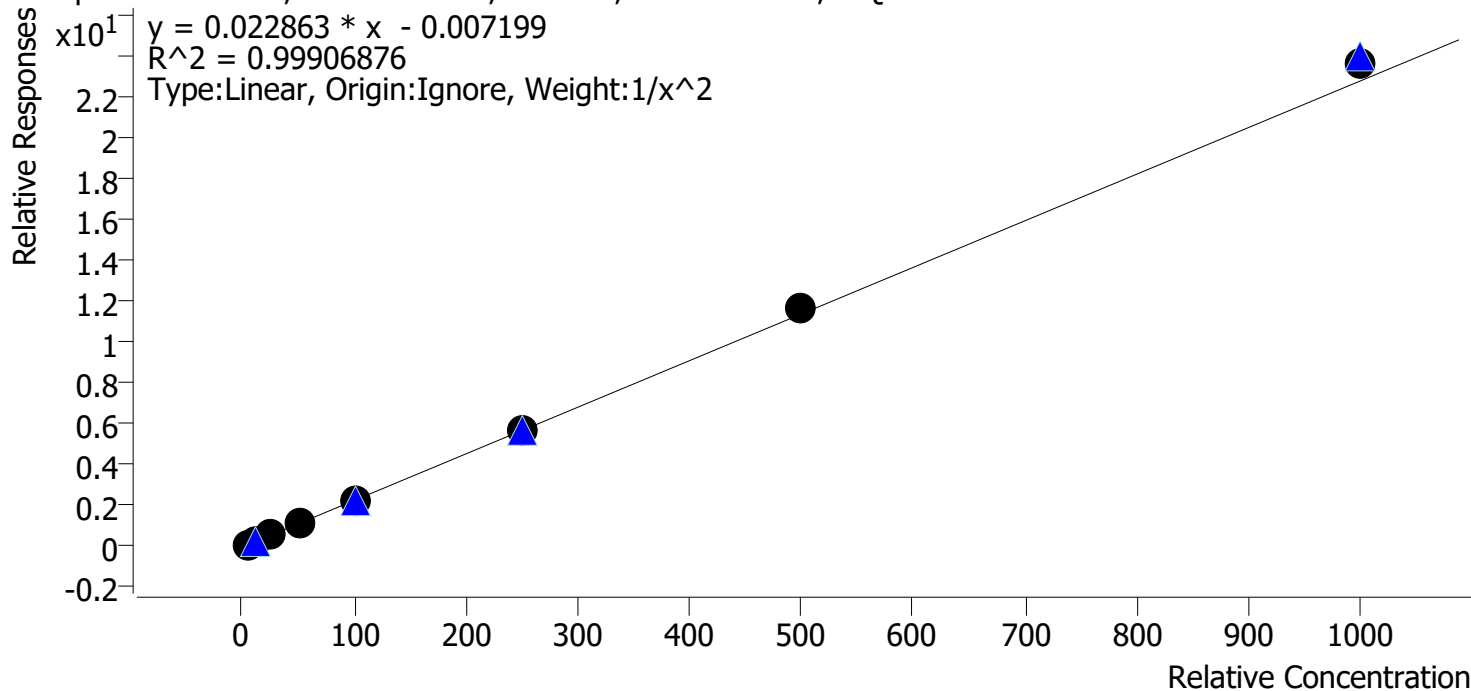
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



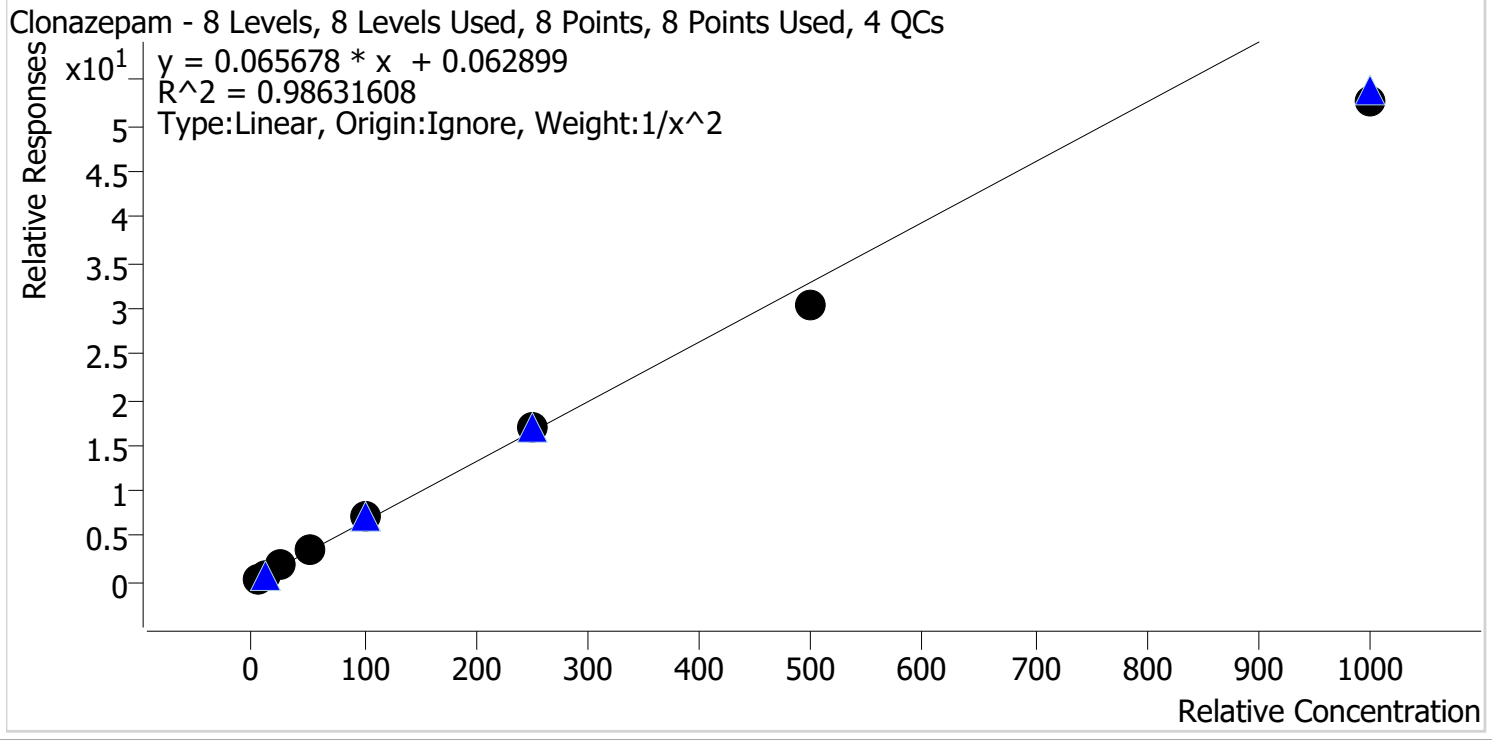
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	512.3	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1041.0	104.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



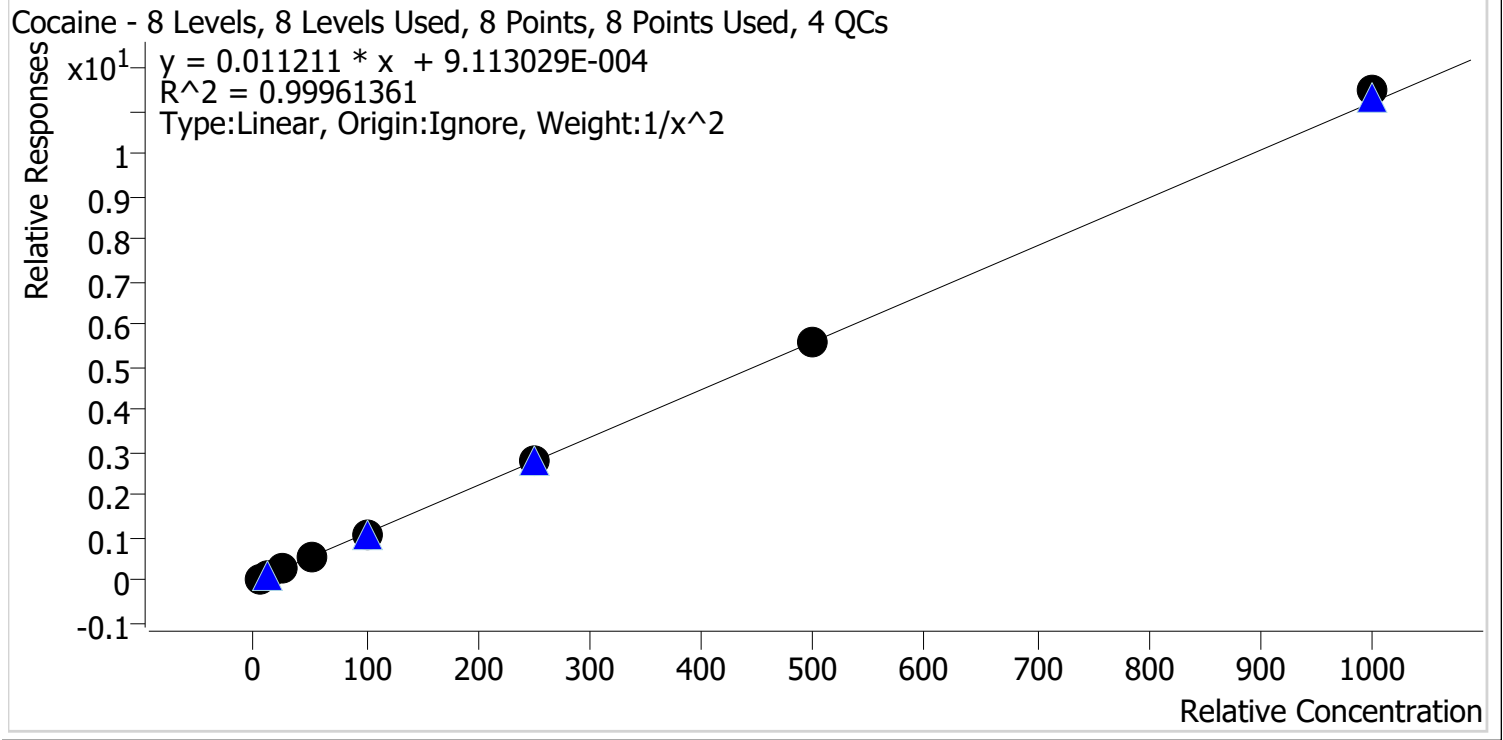
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	95.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.2
p1 Cal 4-50ng	4	✓	50.0	54.4	108.7
p1 Cal 5-100ng	5	✓	100.0	108.1	108.1
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	459.6	91.9
p1 Cal 8-1000ng	8	✓	1000.0	802.6	80.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	503.1	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1024.5	102.4

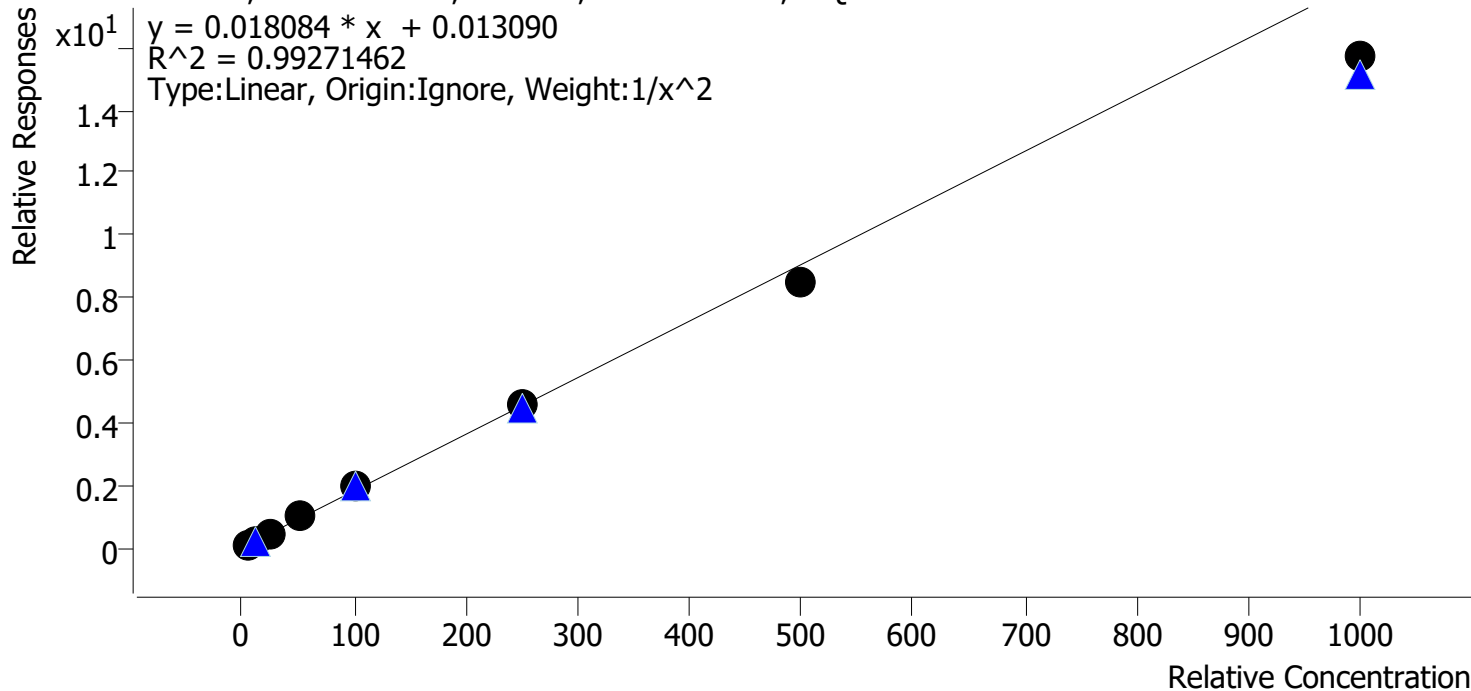
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

Codeine - 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	95.8
p1 Cal 2-10ng	2	✓	10.0	10.5	105.5
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	54.0	107.9
p1 Cal 5-100ng	5	✓	100.0	108.1	108.1
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	471.8	94.4
p1 Cal 8-1000ng	8	✓	1000.0	867.4	86.7

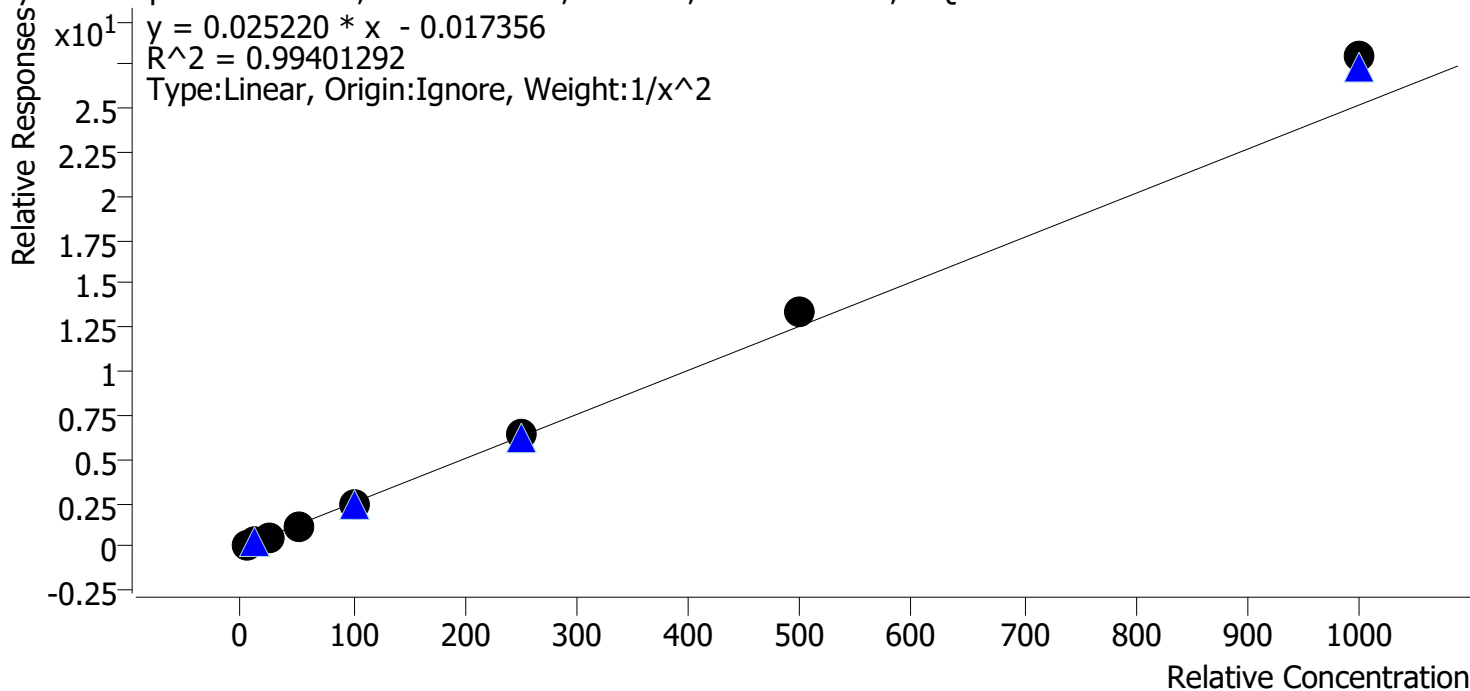
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



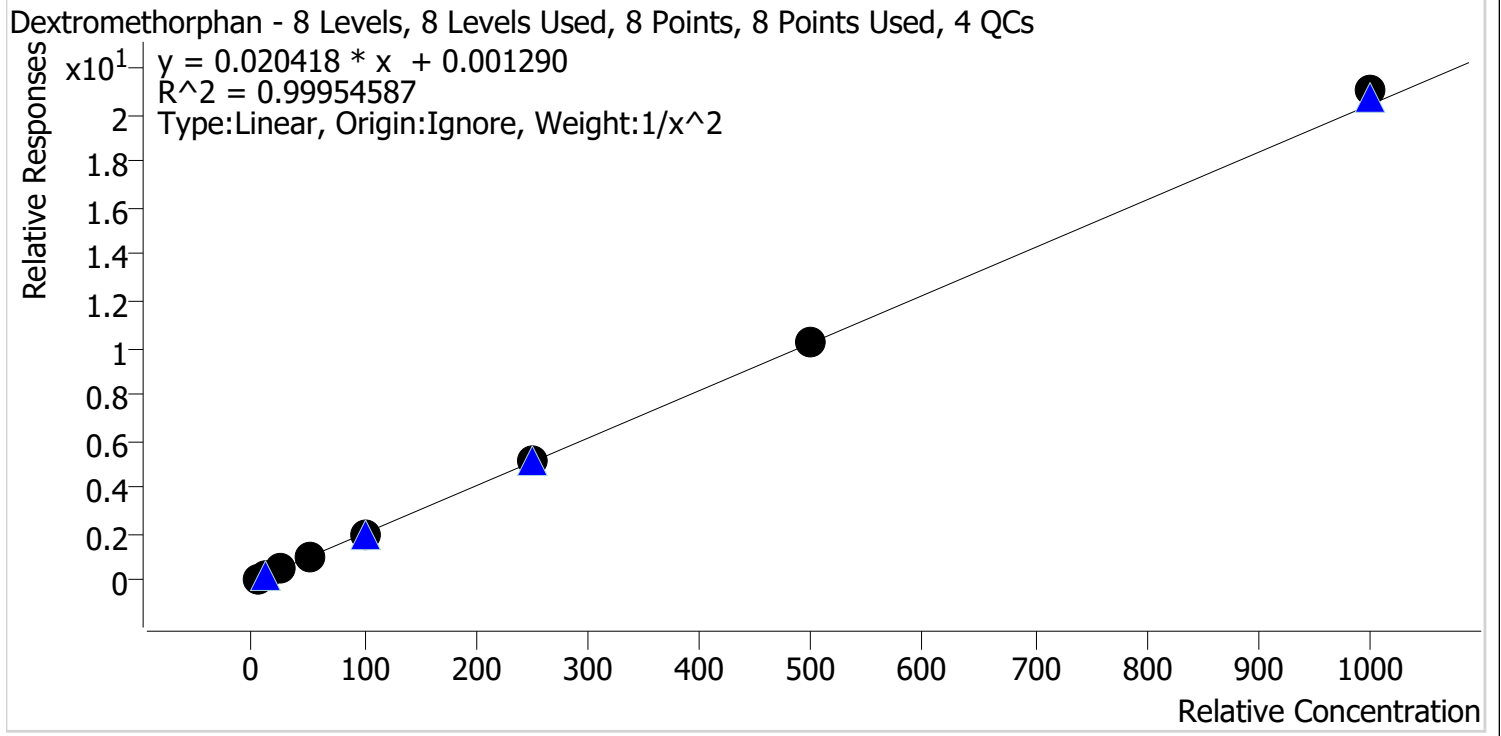
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.8
p1 Cal 4-50ng	4	✓	50.0	47.2	94.5
p1 Cal 5-100ng	5	✓	100.0	93.9	93.9
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	534.5	106.9
p1 Cal 8-1000ng	8	✓	1000.0	1109.5	110.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3



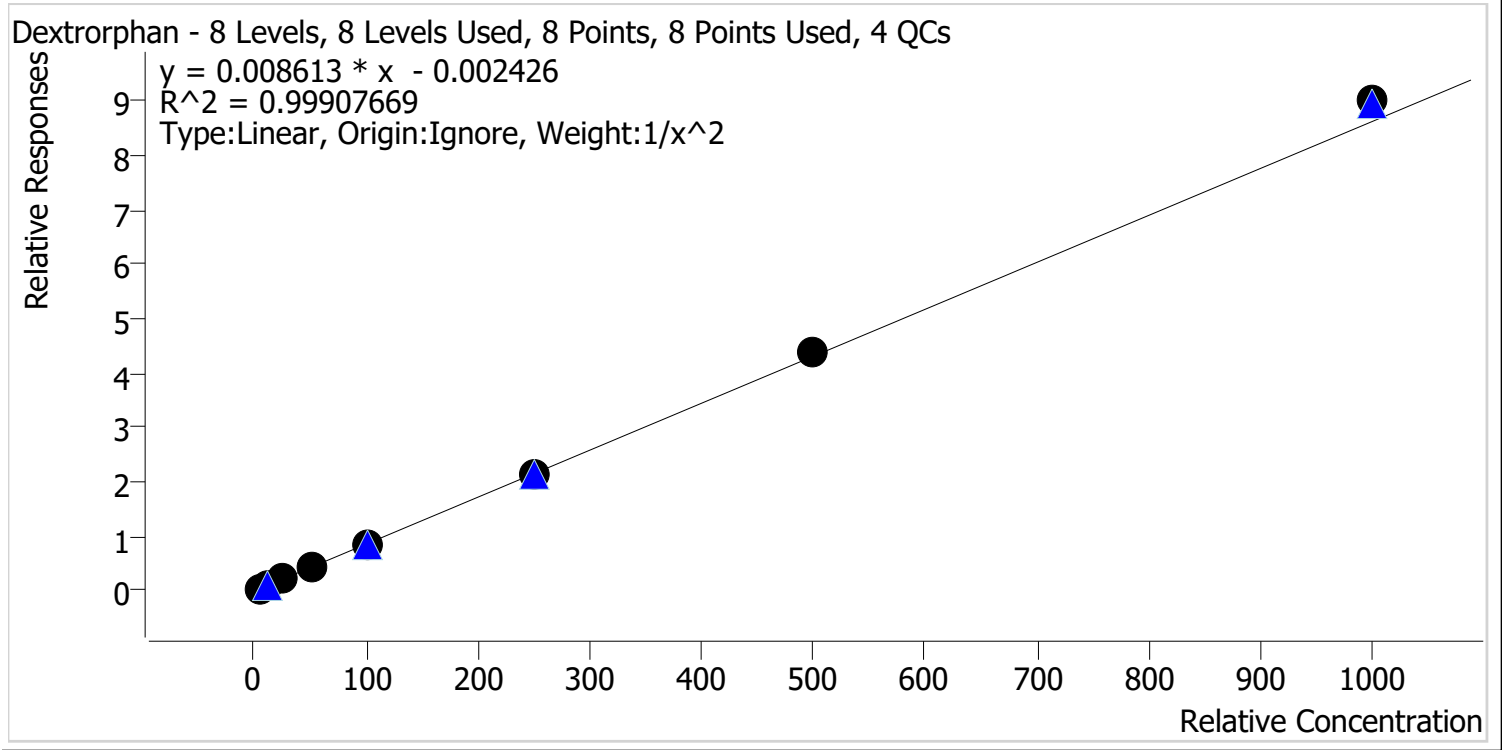
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	49.3	98.5
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	253.4	101.3
p1 Cal 7-500ng	7	✓	500.0	504.0	100.8
p1 Cal 8-1000ng	8	✓	1000.0	1029.6	103.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



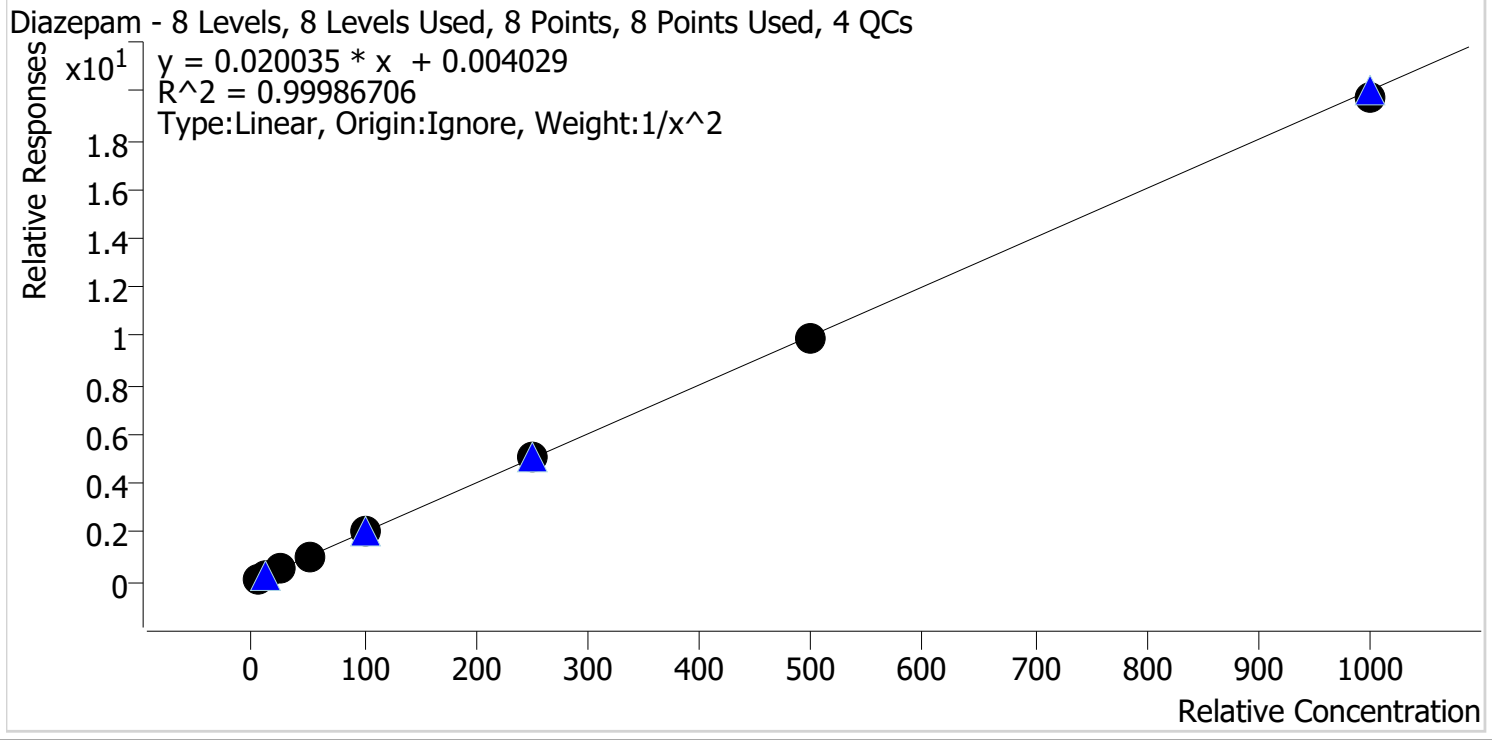
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	48.9	97.7
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	512.4	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1044.6	104.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



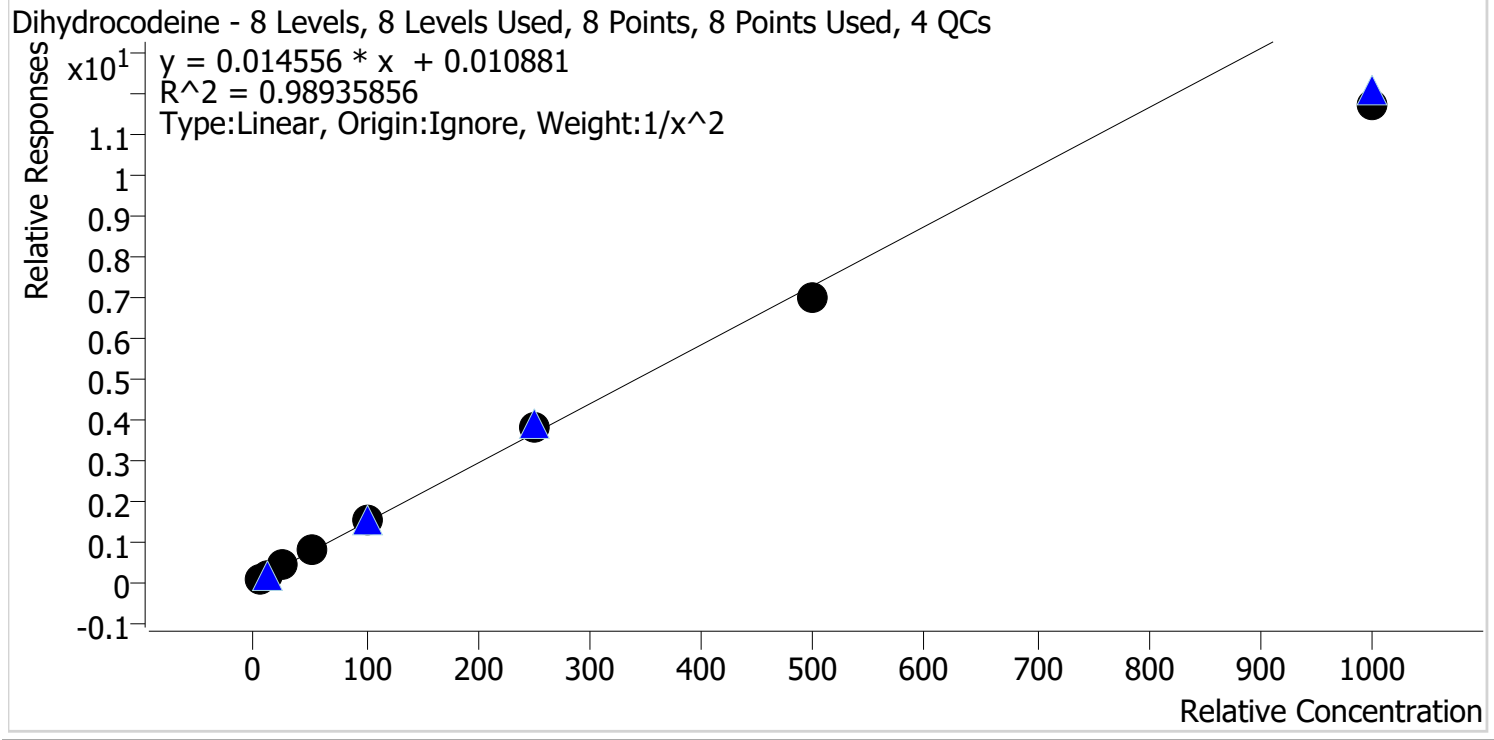
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	494.0	98.8
p1 Cal 8-1000ng	8	✓	1000.0	984.7	98.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



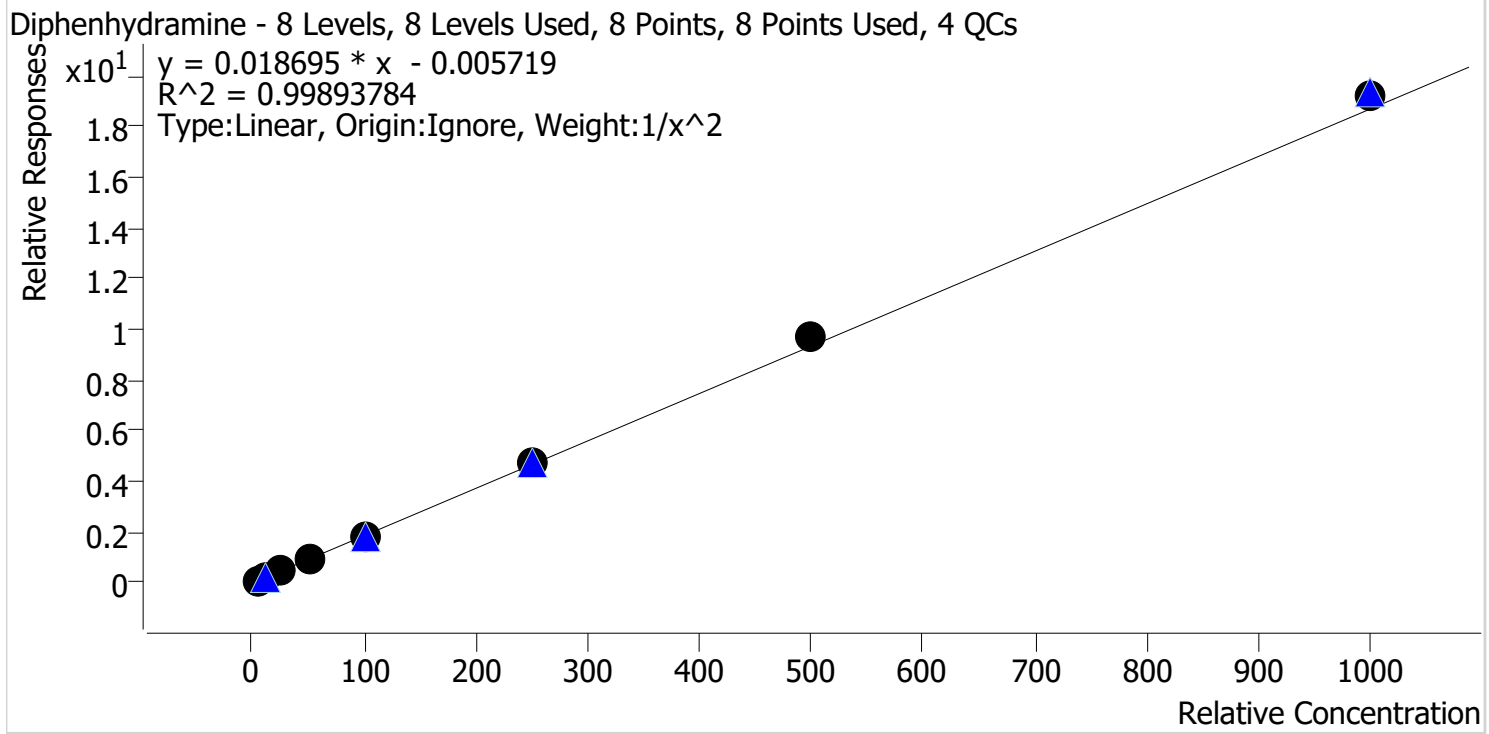
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.2
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	261.5	104.6
p1 Cal 7-500ng	7	✓	500.0	482.4	96.5
p1 Cal 8-1000ng	8	✓	1000.0	805.0	80.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



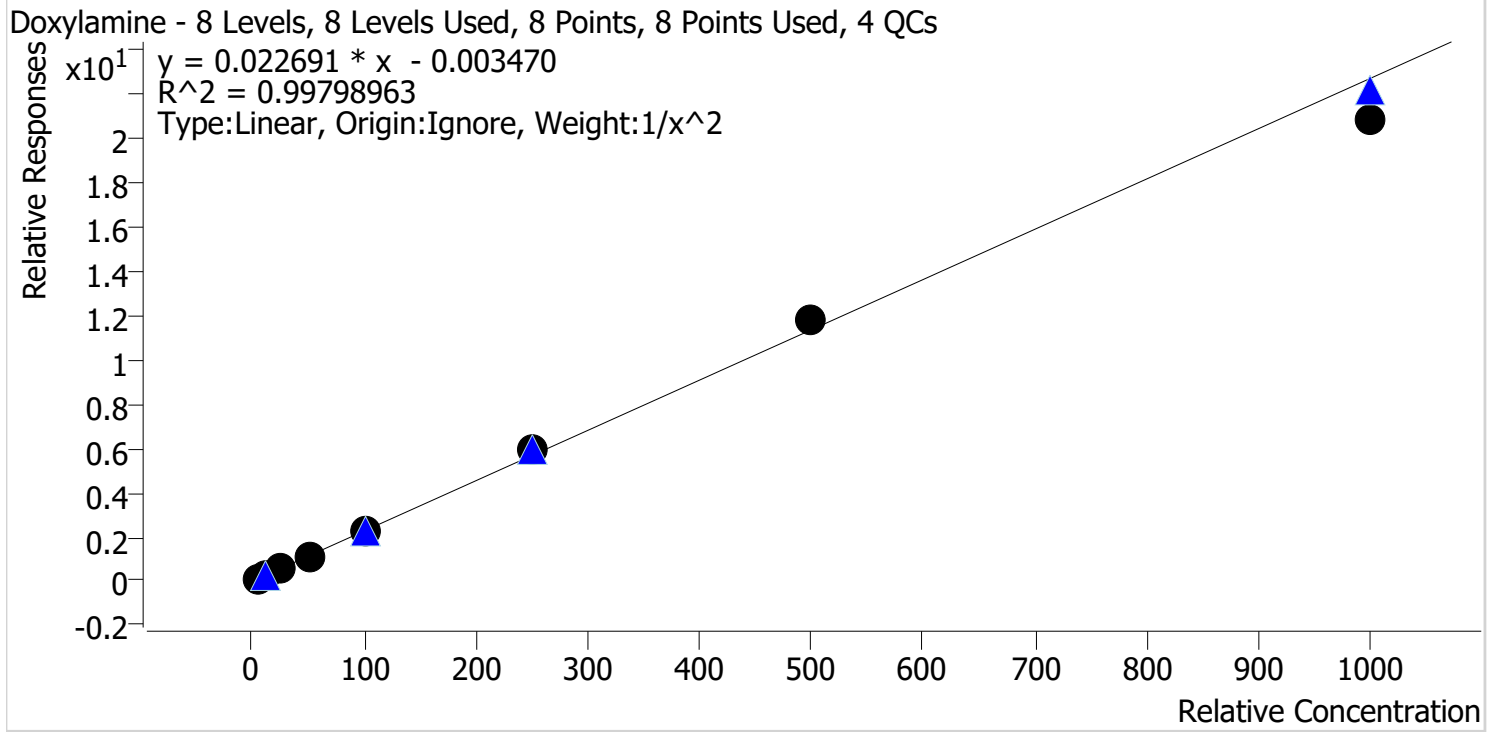
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	48.9	97.7
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	254.8	101.9
p1 Cal 7-500ng	7	✓	500.0	519.5	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1024.5	102.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
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	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	259.8	103.9
p1 Cal 7-500ng	7	✓	500.0	521.7	104.3
p1 Cal 8-1000ng	8	✓	1000.0	919.4	91.9

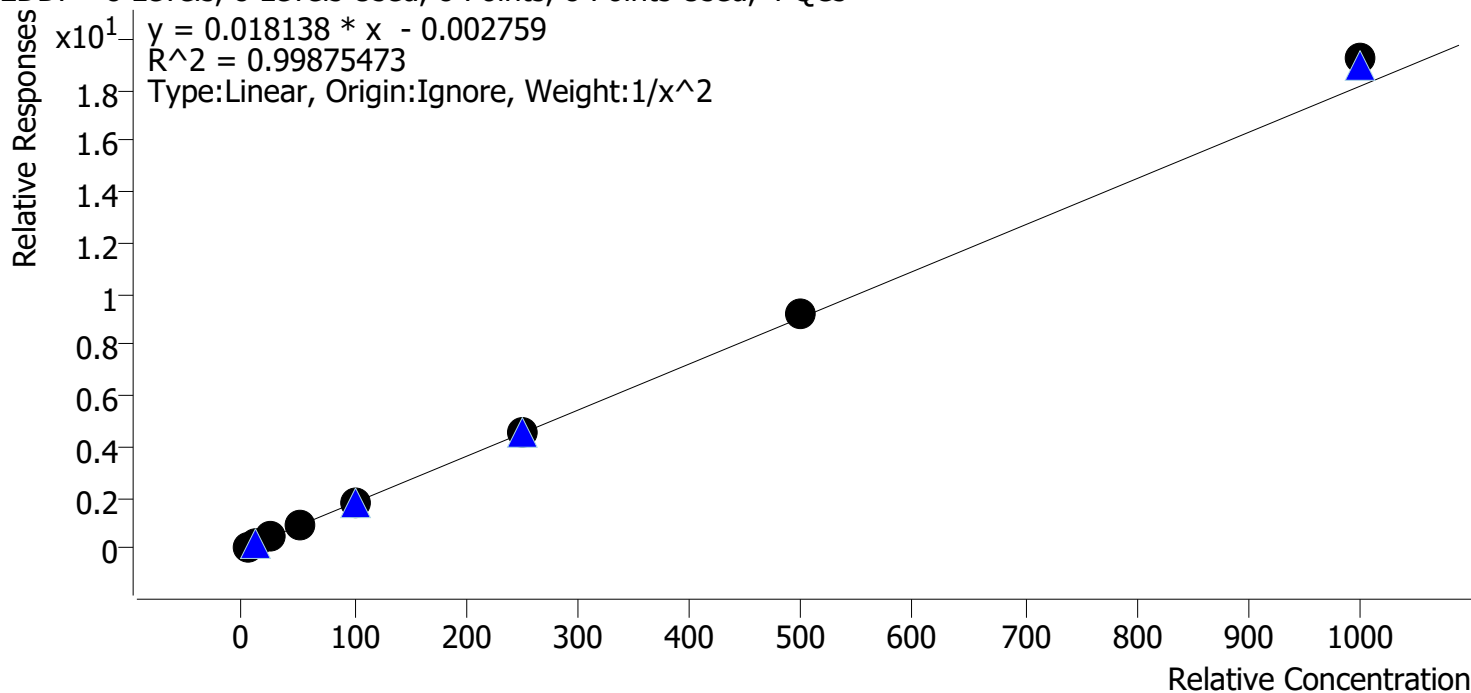
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	48.5	96.9
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	506.7	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1059.5	105.9

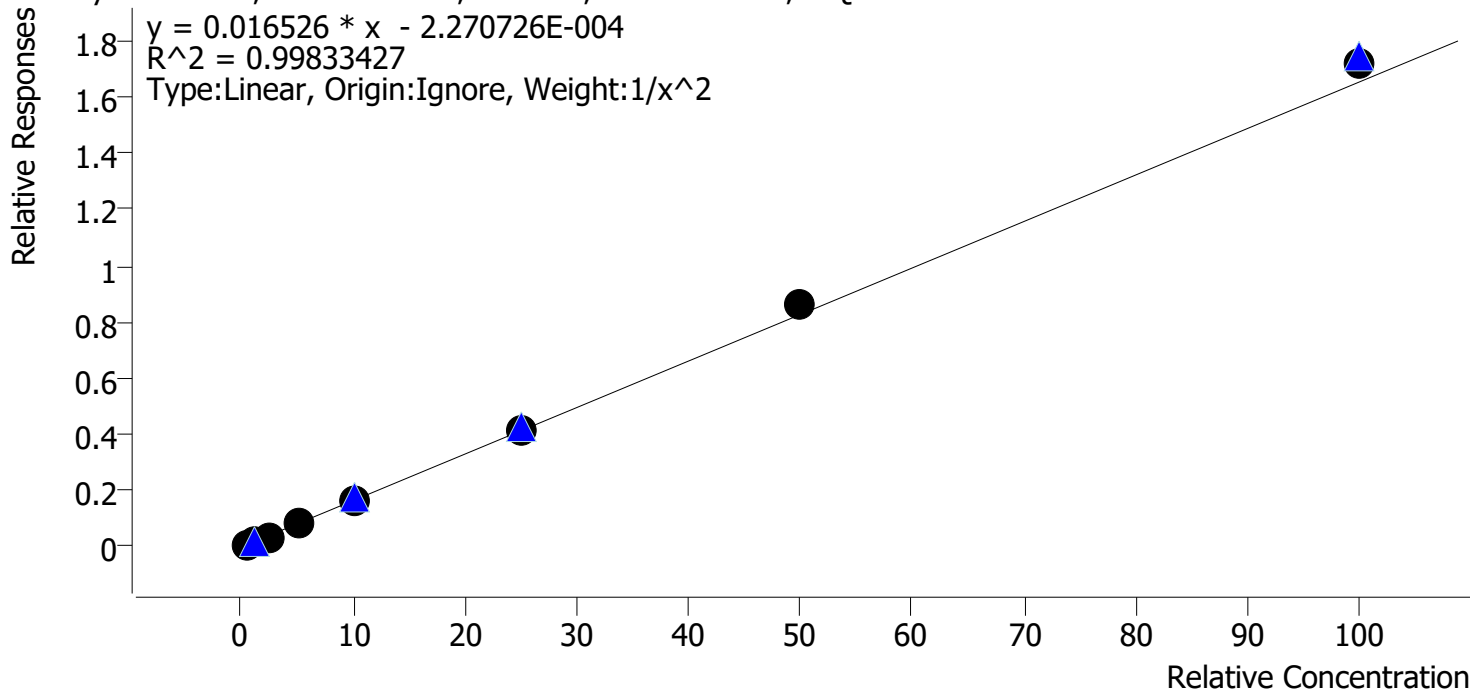
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
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	100.9
p1 Cal 2-10ng	2	✓	1.0	1.0	101.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.5
p1 Cal 4-50ng	4	✓	5.0	4.8	96.4
p1 Cal 5-100ng	5	✓	10.0	9.8	97.5
p1 Cal 6-250ng	6	✓	25.0	25.2	100.9
p1 Cal 7-500ng	7	✓	50.0	52.3	104.6
p1 Cal 8-1000ng	8	✓	100.0	103.9	103.9

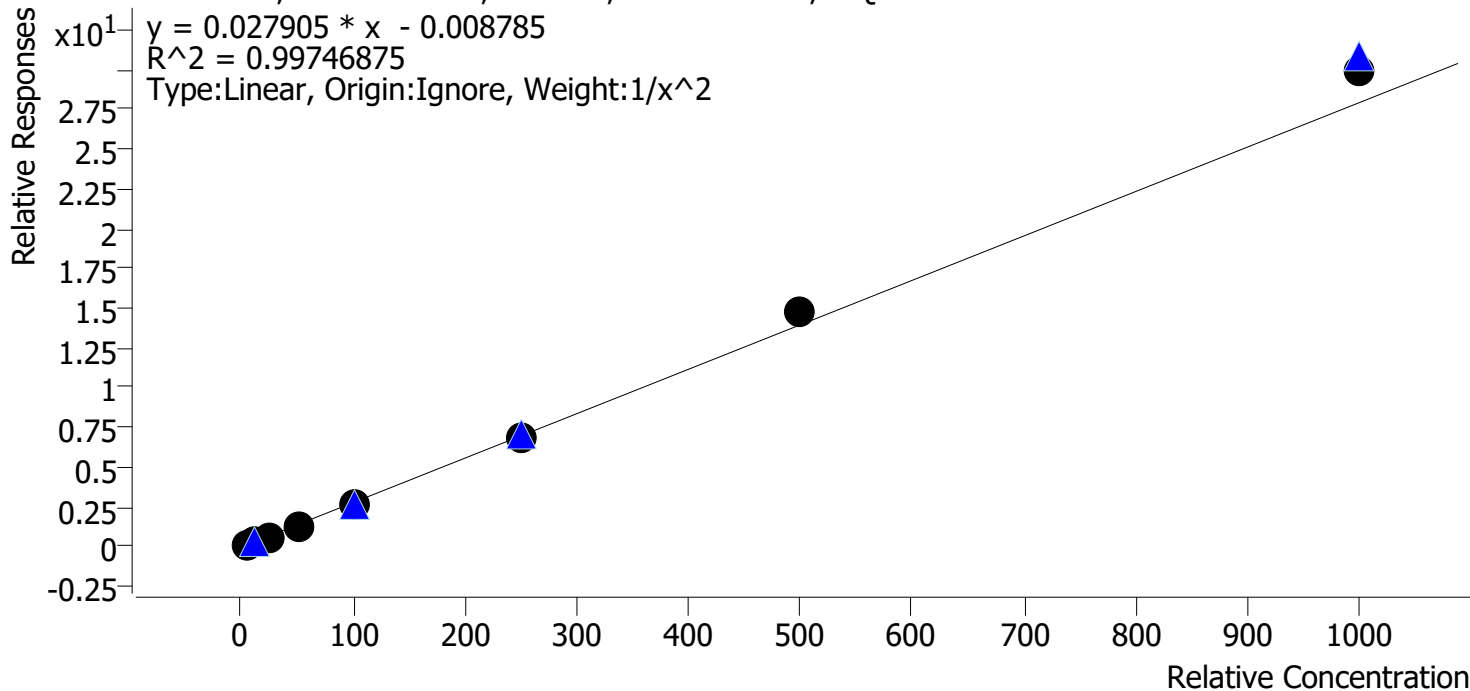
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



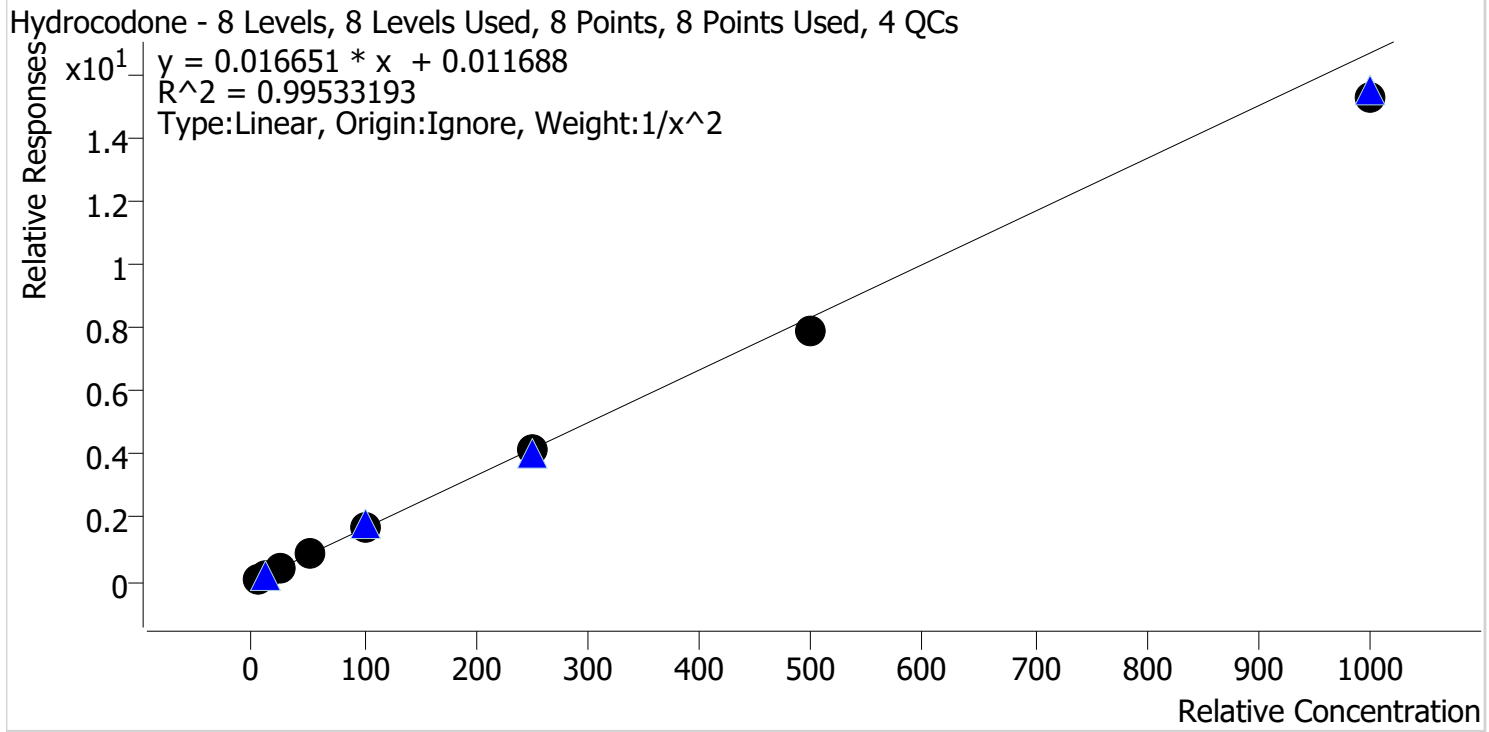
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	47.7	95.5
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	526.0	105.2
p1 Cal 8-1000ng	8	✓	1000.0	1068.6	106.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



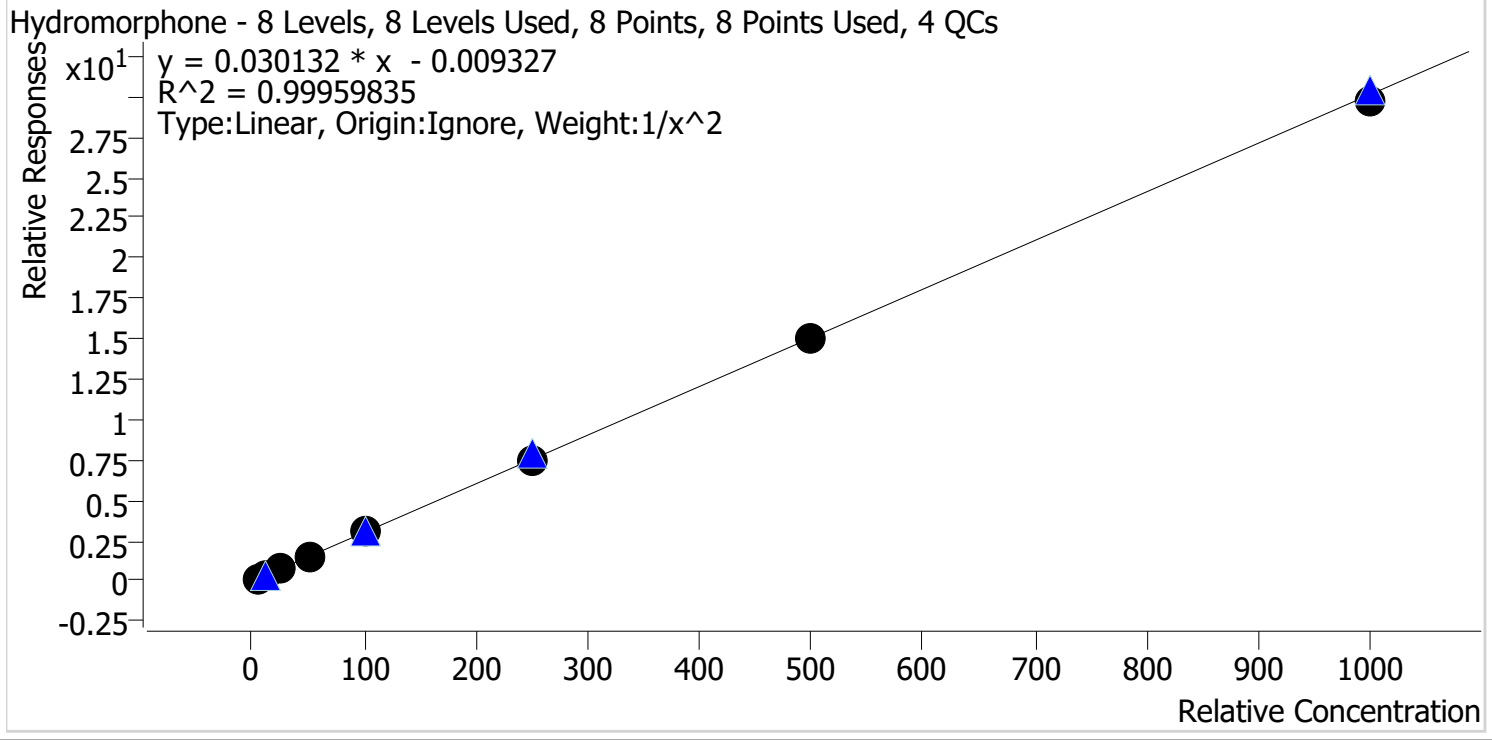
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.7	106.8
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	52.2	104.5
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	473.2	94.6
p1 Cal 8-1000ng	8	✓	1000.0	912.7	91.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



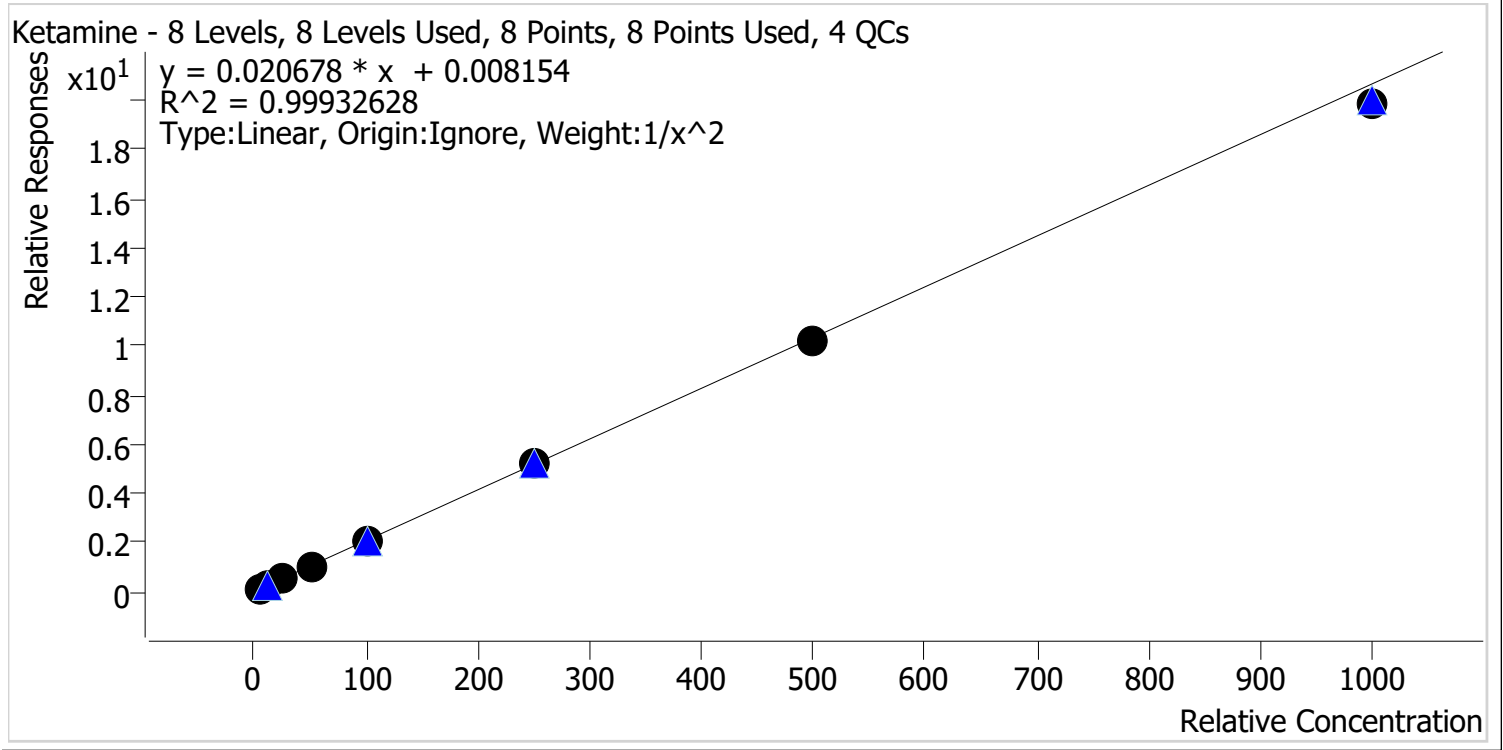
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	497.0	99.4
p1 Cal 8-1000ng	8	✓	1000.0	983.1	98.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



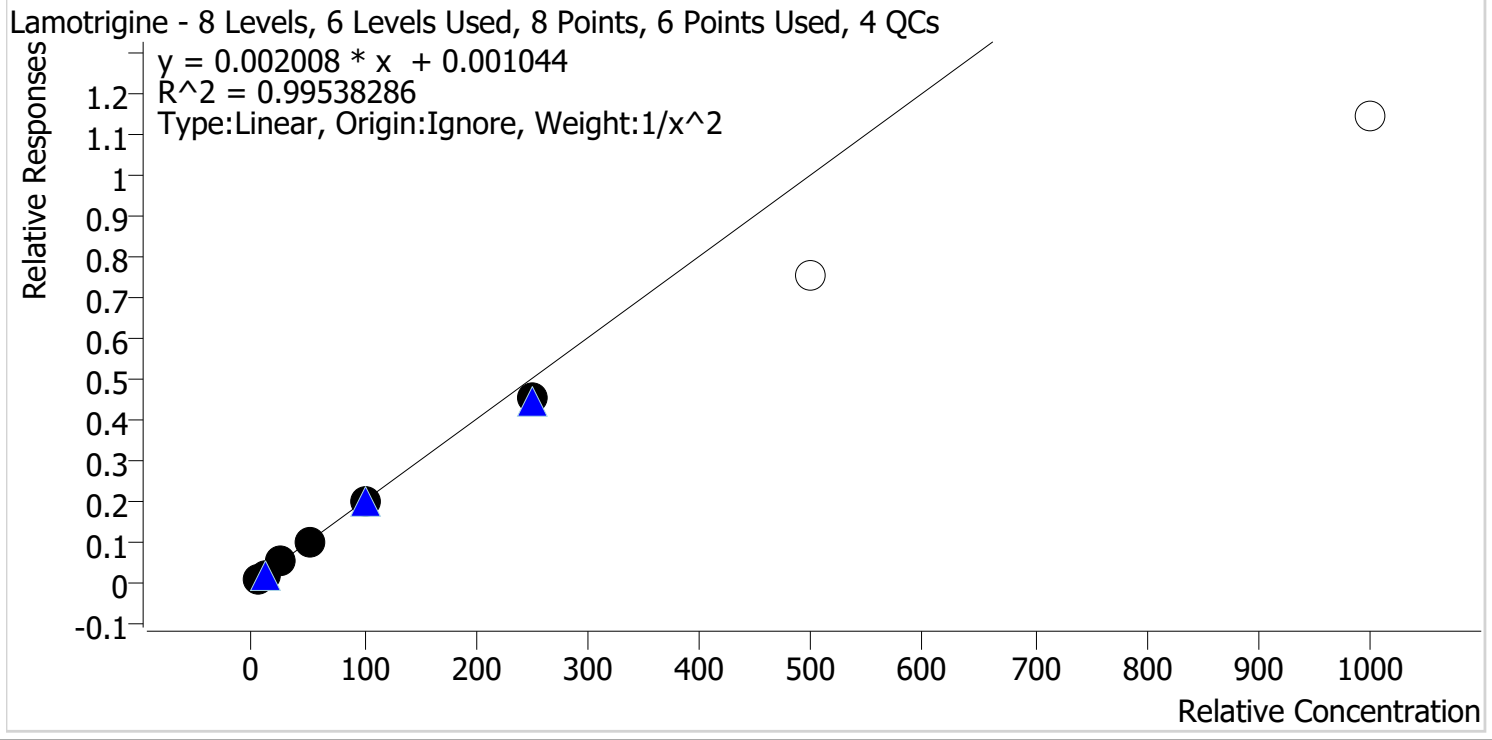
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	251.4	100.5
p1 Cal 7-500ng	7	✓	500.0	491.4	98.3
p1 Cal 8-1000ng	8	✓	1000.0	957.5	95.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
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	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	225.2	90.1
p1 Cal 7-500ng	7	x	500.0	377.5	75.5
p1 Cal 8-1000ng	8	x	1000.0	571.3	57.1

Cal 7 and 8 dropped due to linearity

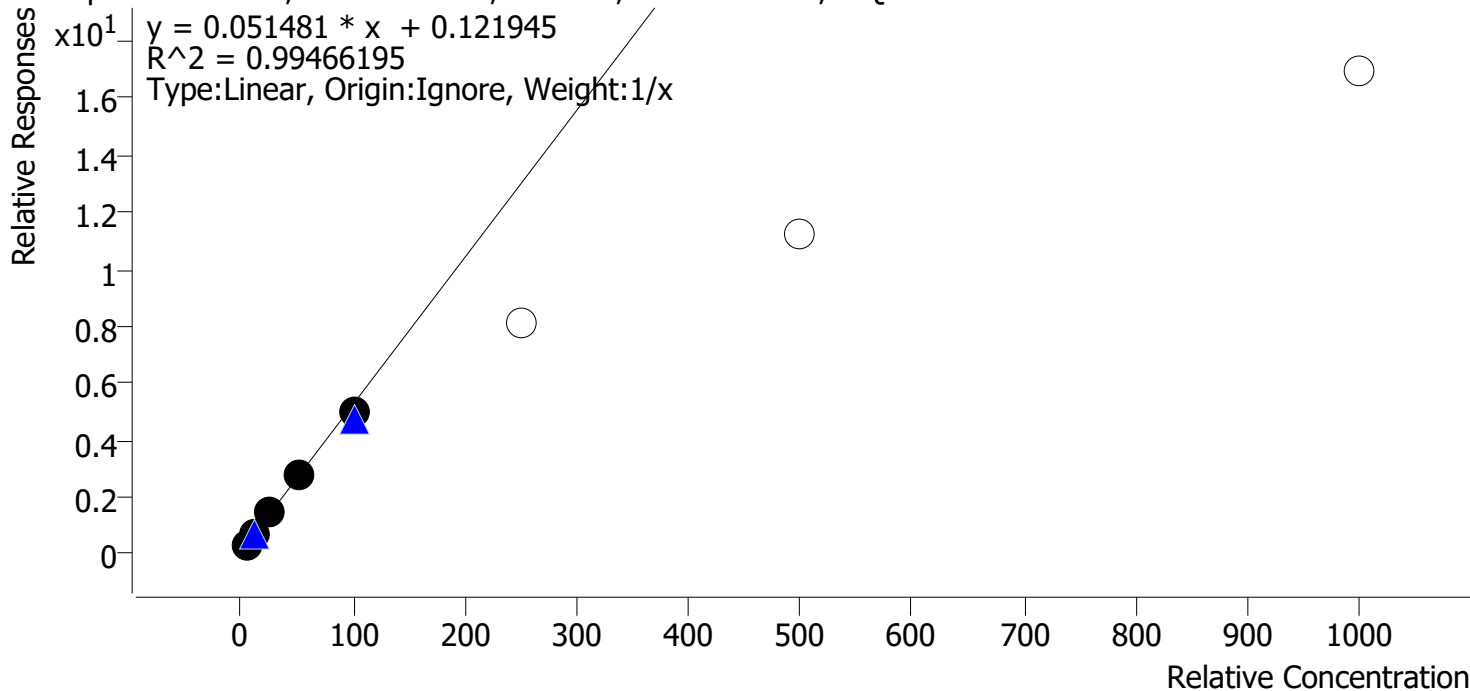
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

Lorazepam - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.3	86.3
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.3
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✗	250.0	155.5	62.2
p1 Cal 7-500ng	7	✗	500.0	215.2	43.0
p1 Cal 8-1000ng	8	✗	1000.0	327.9	32.8

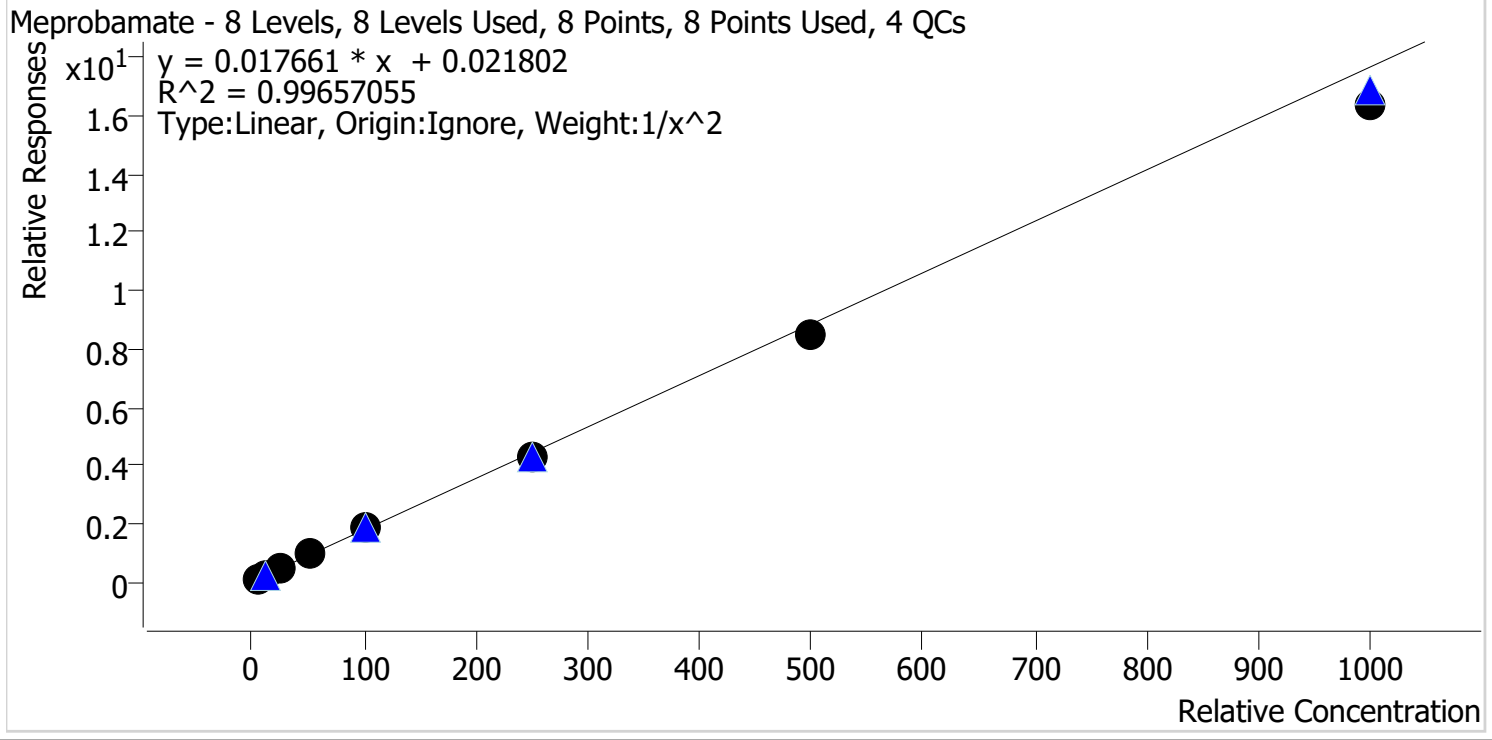
Cal 6, 7, and 8 dropped due to linearity

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



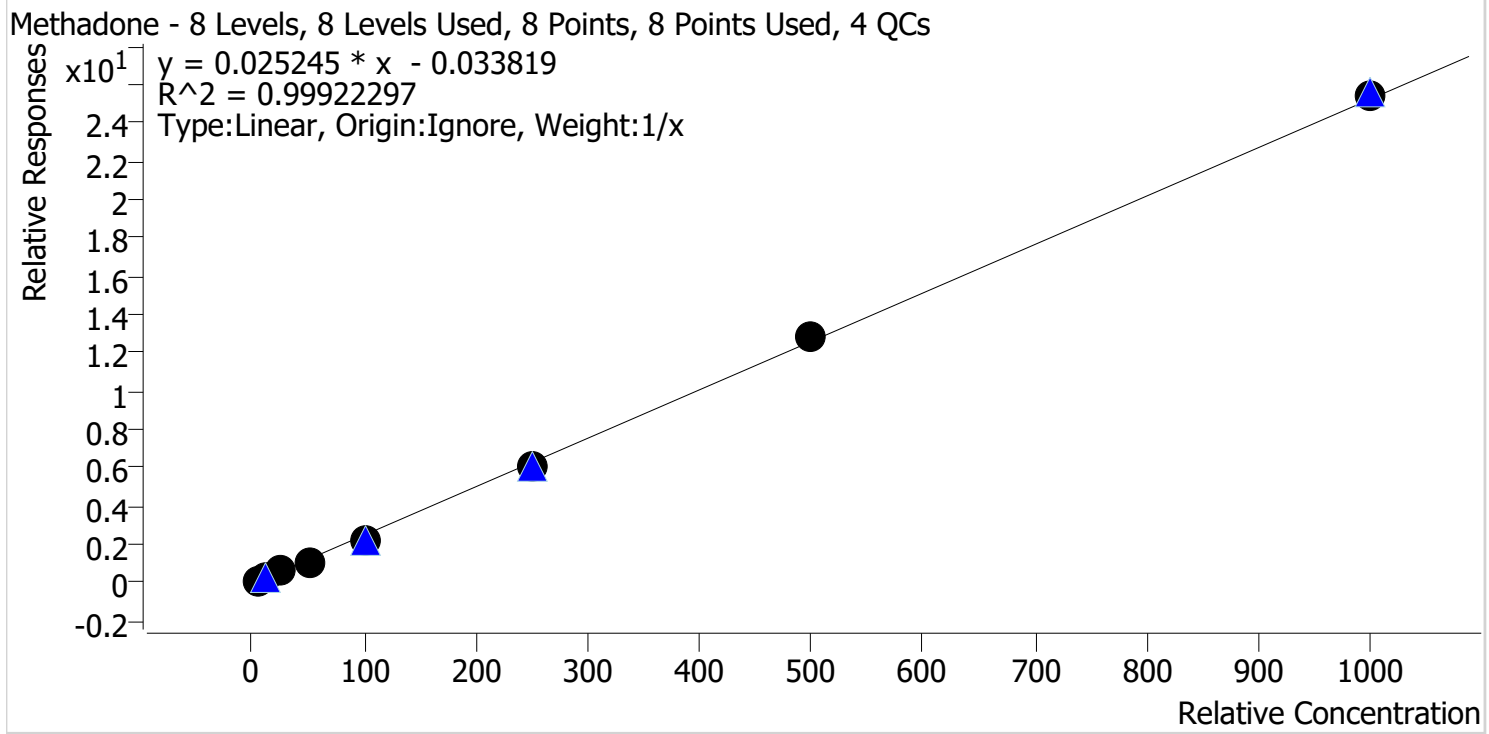
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	242.1	96.8
p1 Cal 7-500ng	7	✓	500.0	476.9	95.4
p1 Cal 8-1000ng	8	✓	1000.0	928.7	92.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



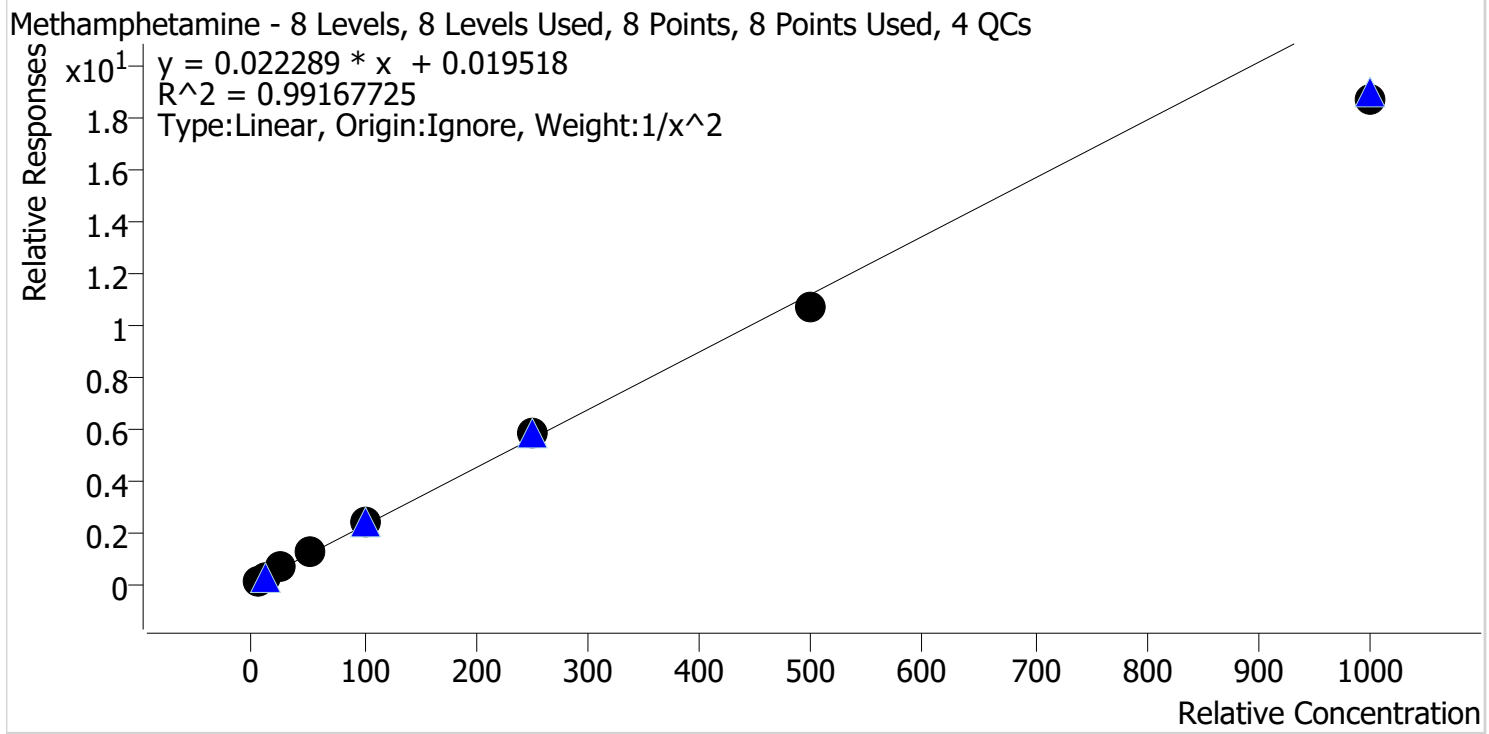
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.9	117.2
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	45.9	91.8
p1 Cal 5-100ng	5	✓	100.0	92.6	92.6
p1 Cal 6-250ng	6	✓	250.0	245.5	98.2
p1 Cal 7-500ng	7	✓	500.0	507.7	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1008.4	100.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
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	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng	6	✓	250.0	258.6	103.4
p1 Cal 7-500ng	7	✓	500.0	478.5	95.7
p1 Cal 8-1000ng	8	✓	1000.0	833.8	83.4

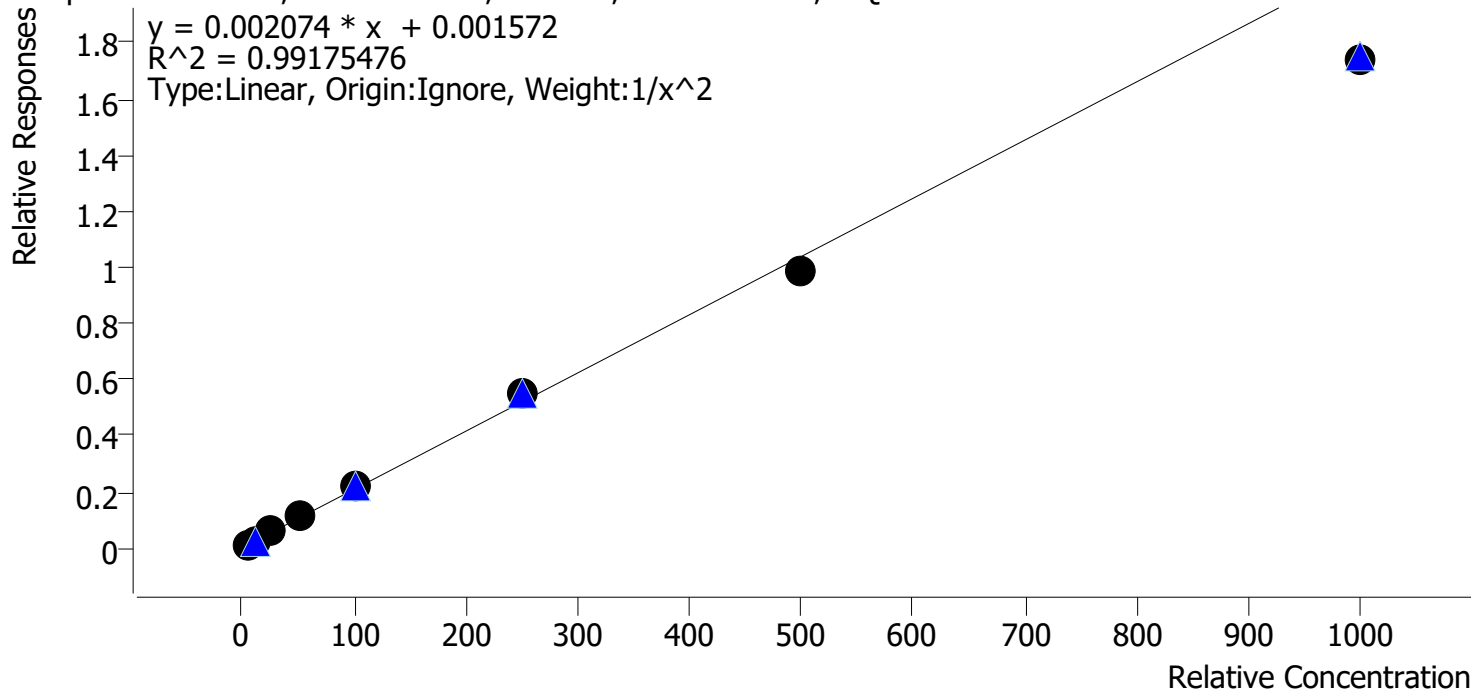
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



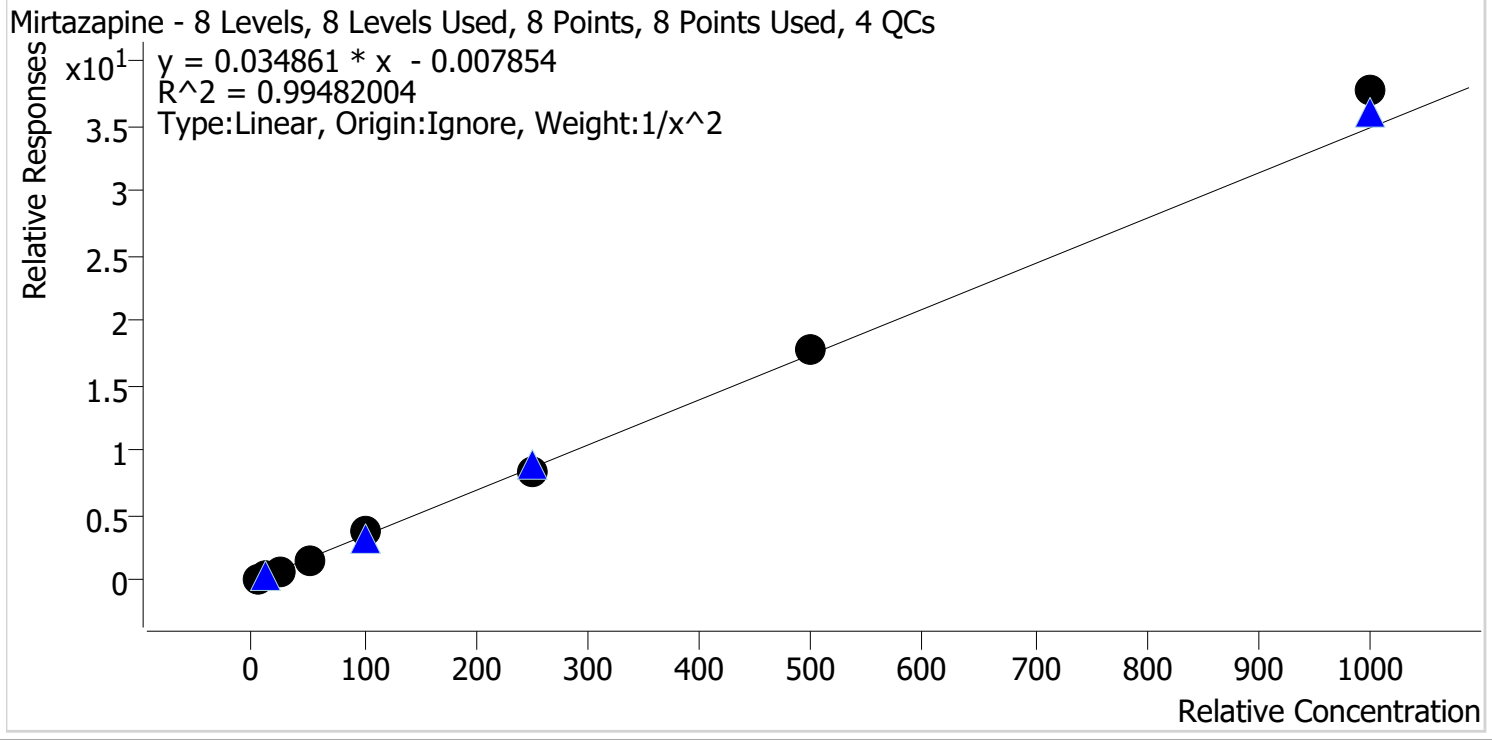
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.8
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	266.4	106.5
p1 Cal 7-500ng	7	✓	500.0	474.3	94.9
p1 Cal 8-1000ng	8	✓	1000.0	837.0	83.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



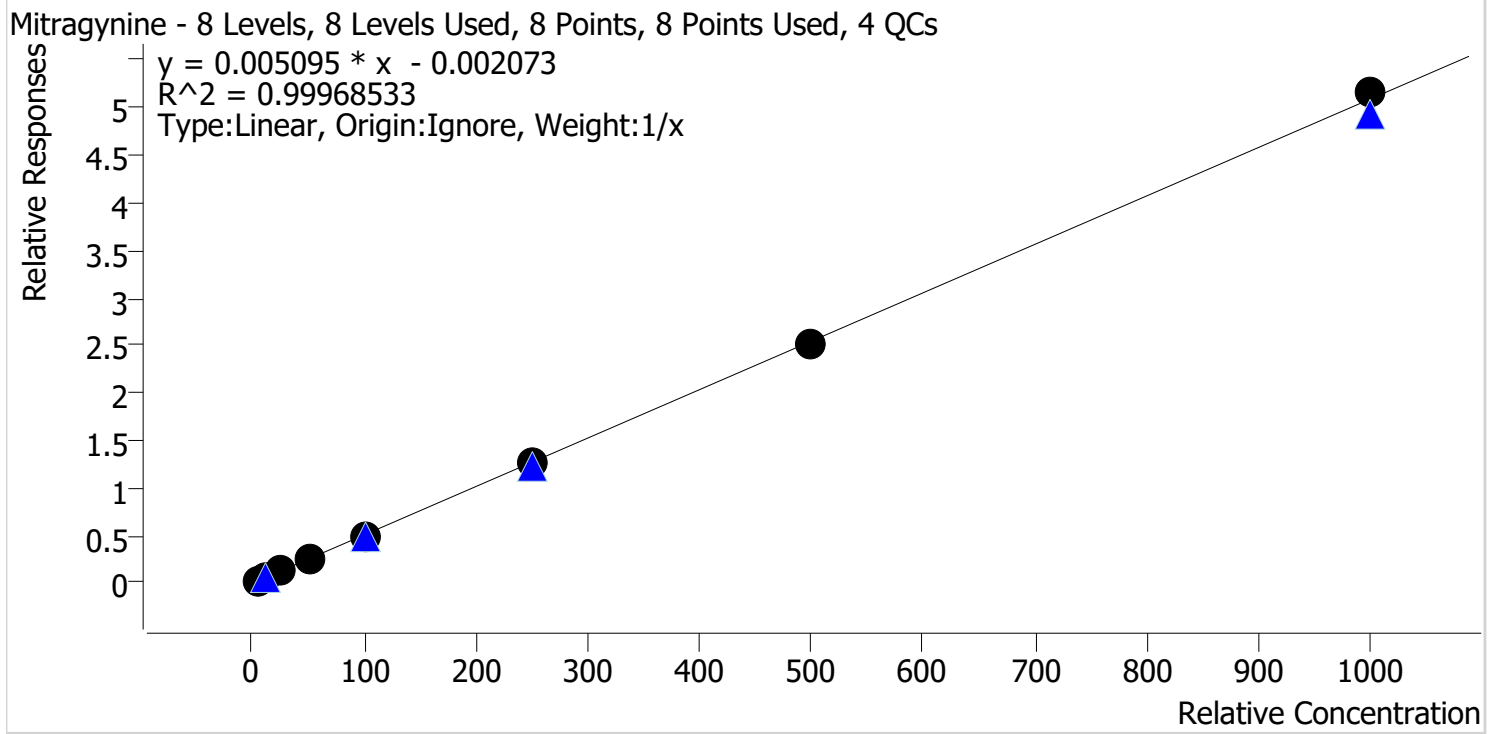
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
p1 Cal 2-10ng	2	✓	10.0	9.4	93.8
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	244.3	97.7
p1 Cal 7-500ng	7	✓	500.0	510.6	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1081.9	108.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



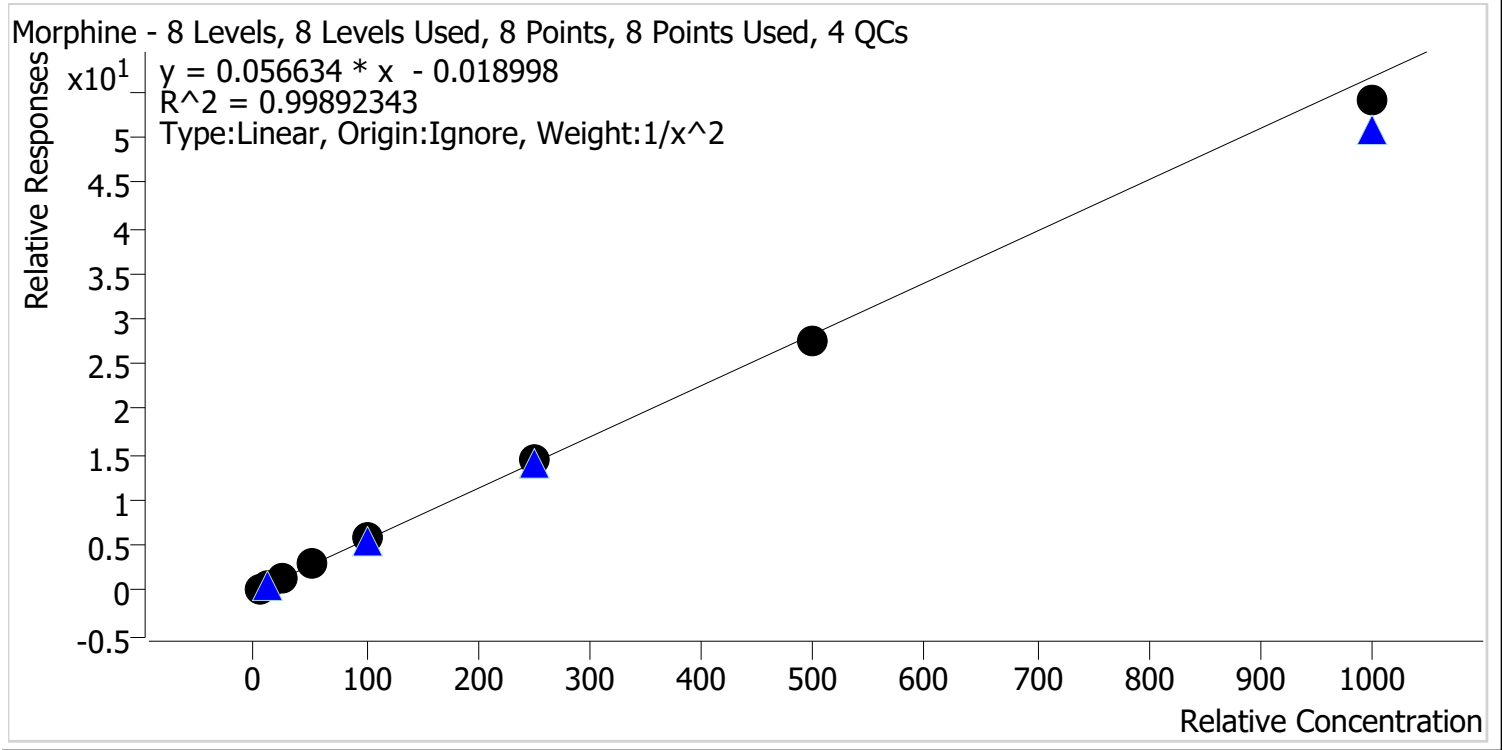
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	108.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	245.8	98.3
p1 Cal 7-500ng	7	✓	500.0	496.3	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1013.5	101.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
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	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	258.1	103.2
p1 Cal 7-500ng	7	✓	500.0	484.5	96.9
p1 Cal 8-1000ng	8	✓	1000.0	954.1	95.4

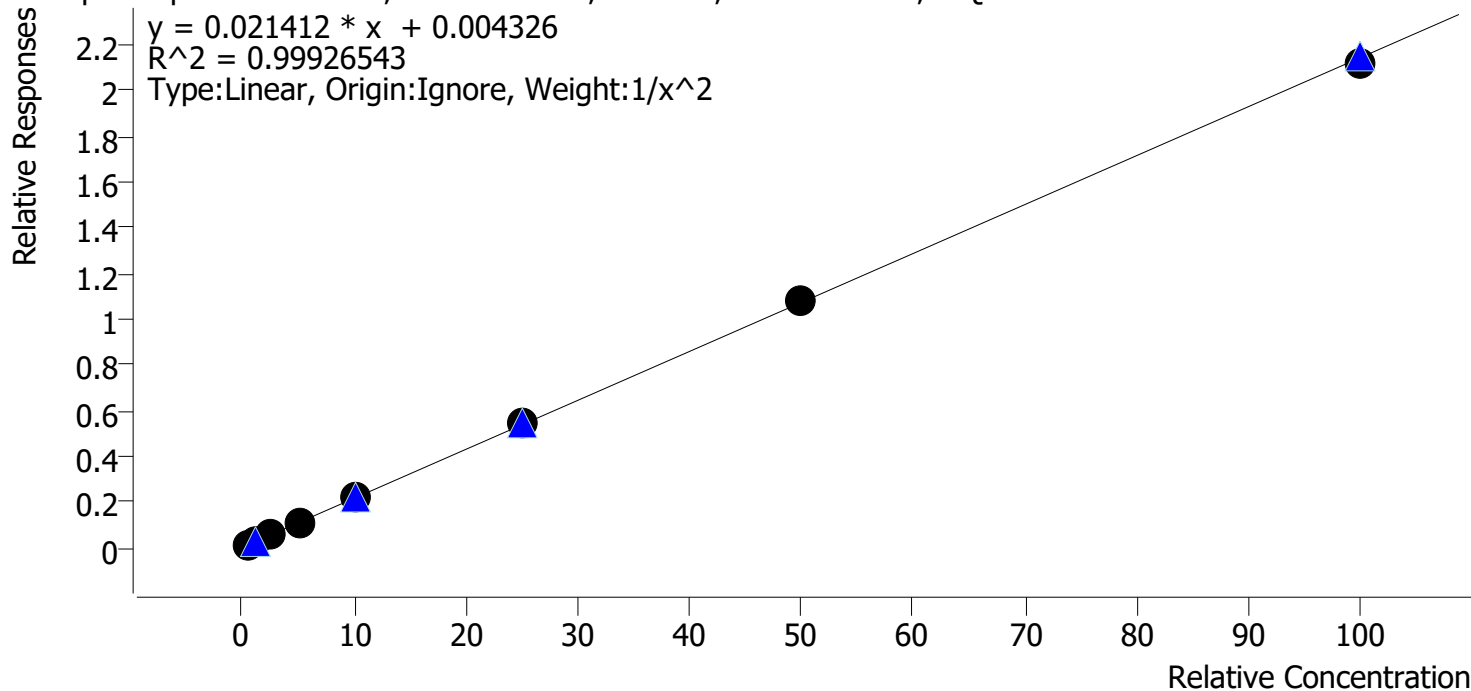
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



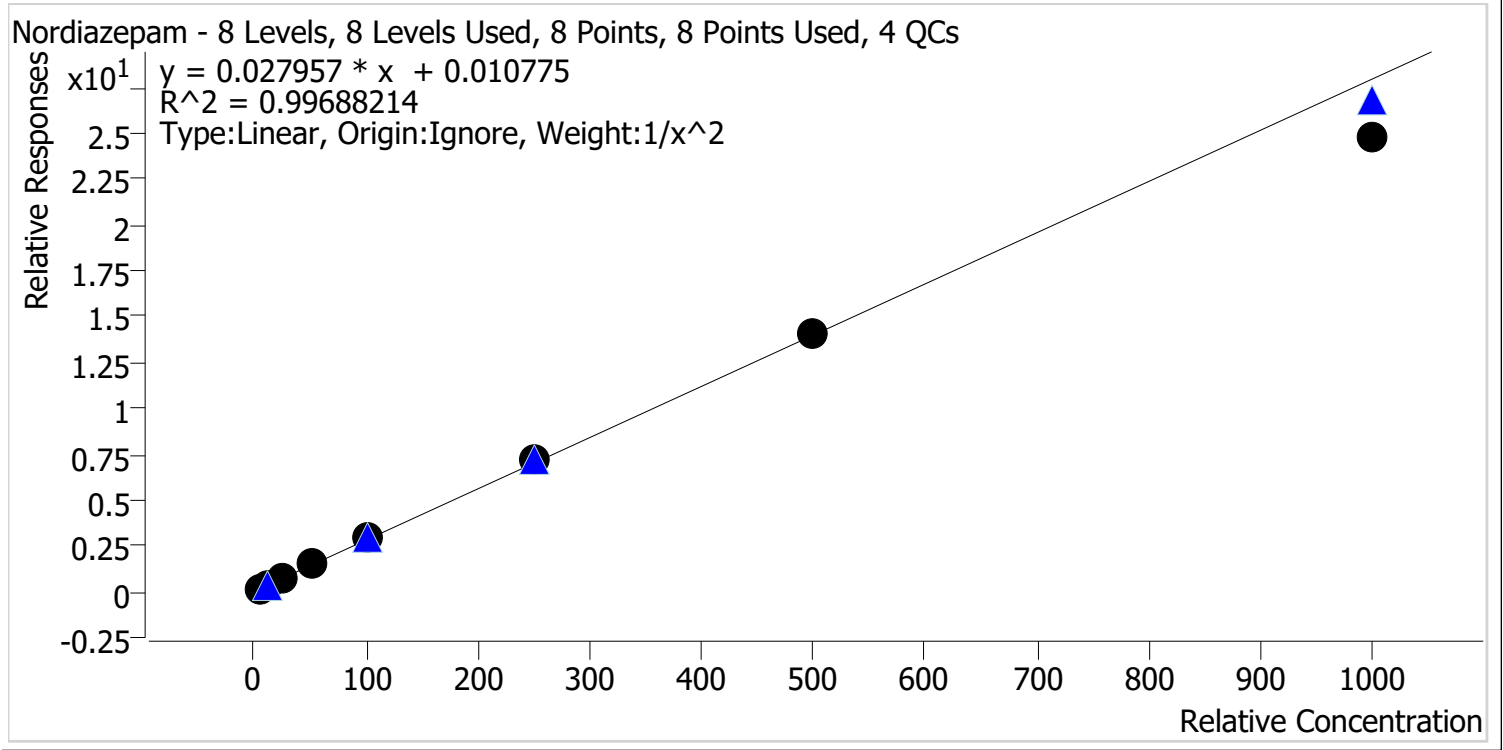
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.2
p1 Cal 2-10ng	2	✓	1.0	1.0	95.5
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.2
p1 Cal 4-50ng	4	✓	5.0	5.1	102.6
p1 Cal 5-100ng	5	✓	10.0	10.0	99.7
p1 Cal 6-250ng	6	✓	25.0	25.5	102.0
p1 Cal 7-500ng	7	✓	50.0	50.1	100.2
p1 Cal 8-1000ng	8	✓	100.0	98.7	98.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



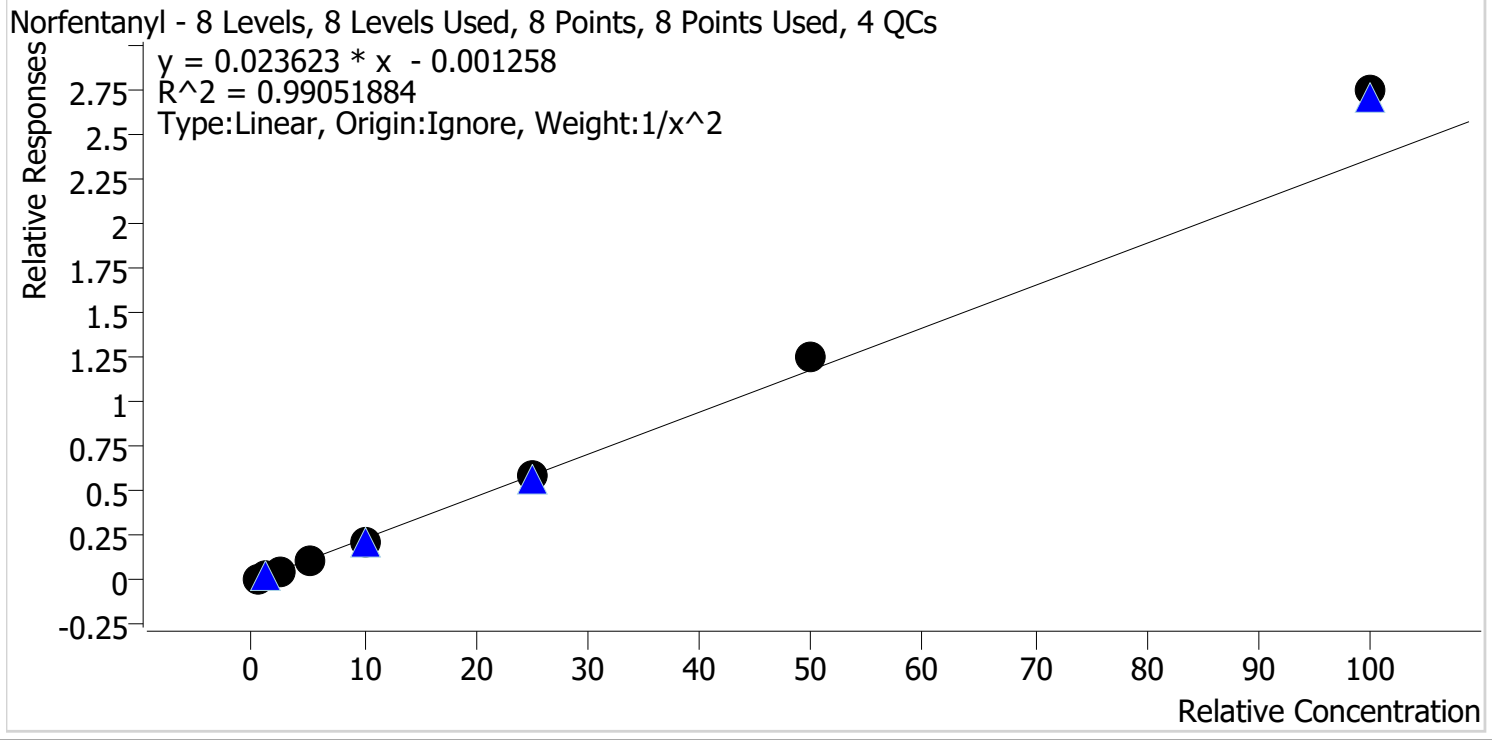
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	51.1	102.3
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	257.3	102.9
p1 Cal 7-500ng	7	✓	500.0	502.5	100.5
p1 Cal 8-1000ng	8	✓	1000.0	887.2	88.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



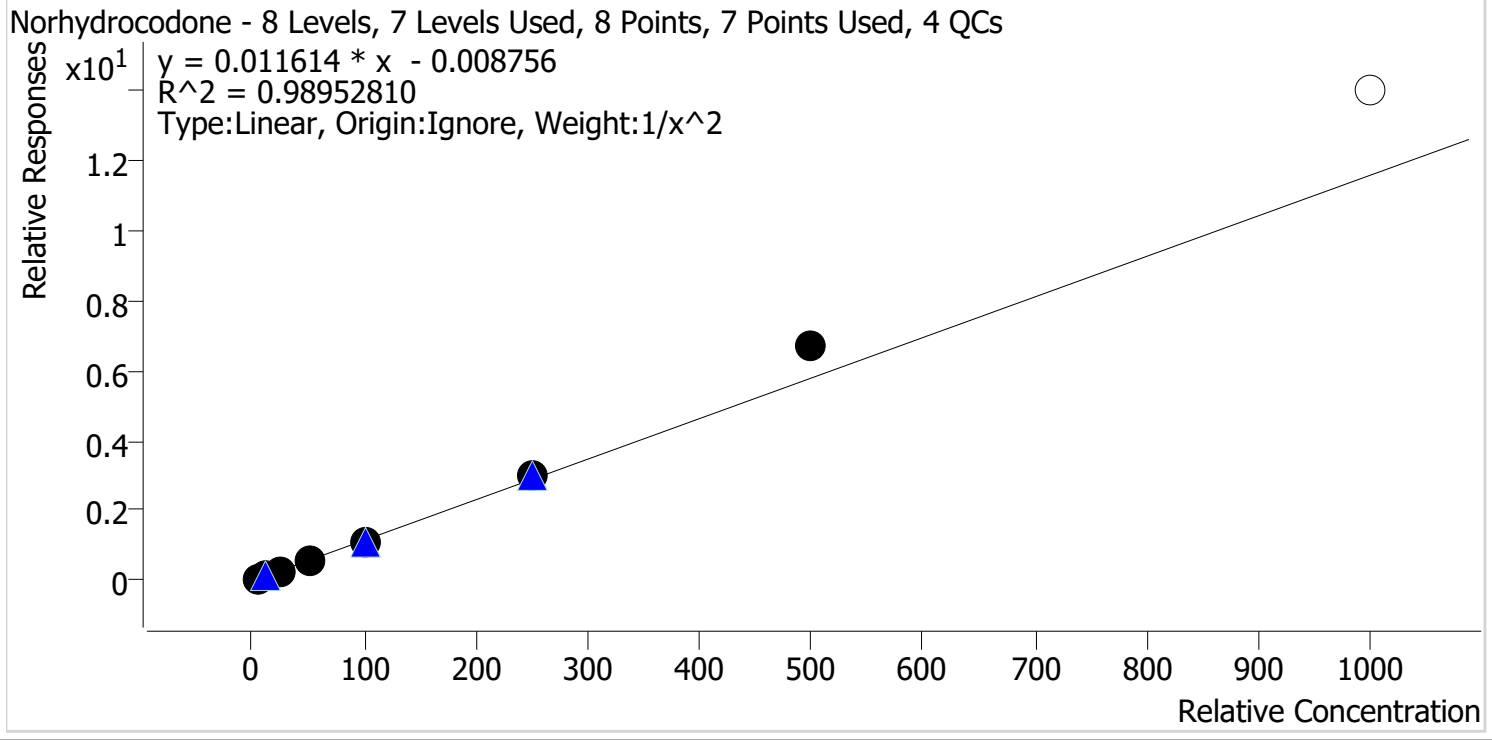
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.0
p1 Cal 2-10ng	2	✓	1.0	0.9	94.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.4
p1 Cal 4-50ng	4	✓	5.0	4.6	91.3
p1 Cal 5-100ng	5	✓	10.0	9.3	93.5
p1 Cal 6-250ng	6	✓	25.0	24.8	99.3
p1 Cal 7-500ng	7	✓	50.0	53.0	105.9
p1 Cal 8-1000ng	8	✓	100.0	116.2	116.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
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	5.3	105.3
p1 Cal 2-10ng	2	✓	10.0	9.4	94.5
p1 Cal 3 -25ng	3	✓	25.0	22.4	89.6
p1 Cal 4-50ng	4	✓	50.0	47.4	94.8
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	259.2	103.7
p1 Cal 7-500ng	7	✓	500.0	576.9	115.4
p1 Cal 8-1000ng	8	✗	1000.0	1208.8	120.9

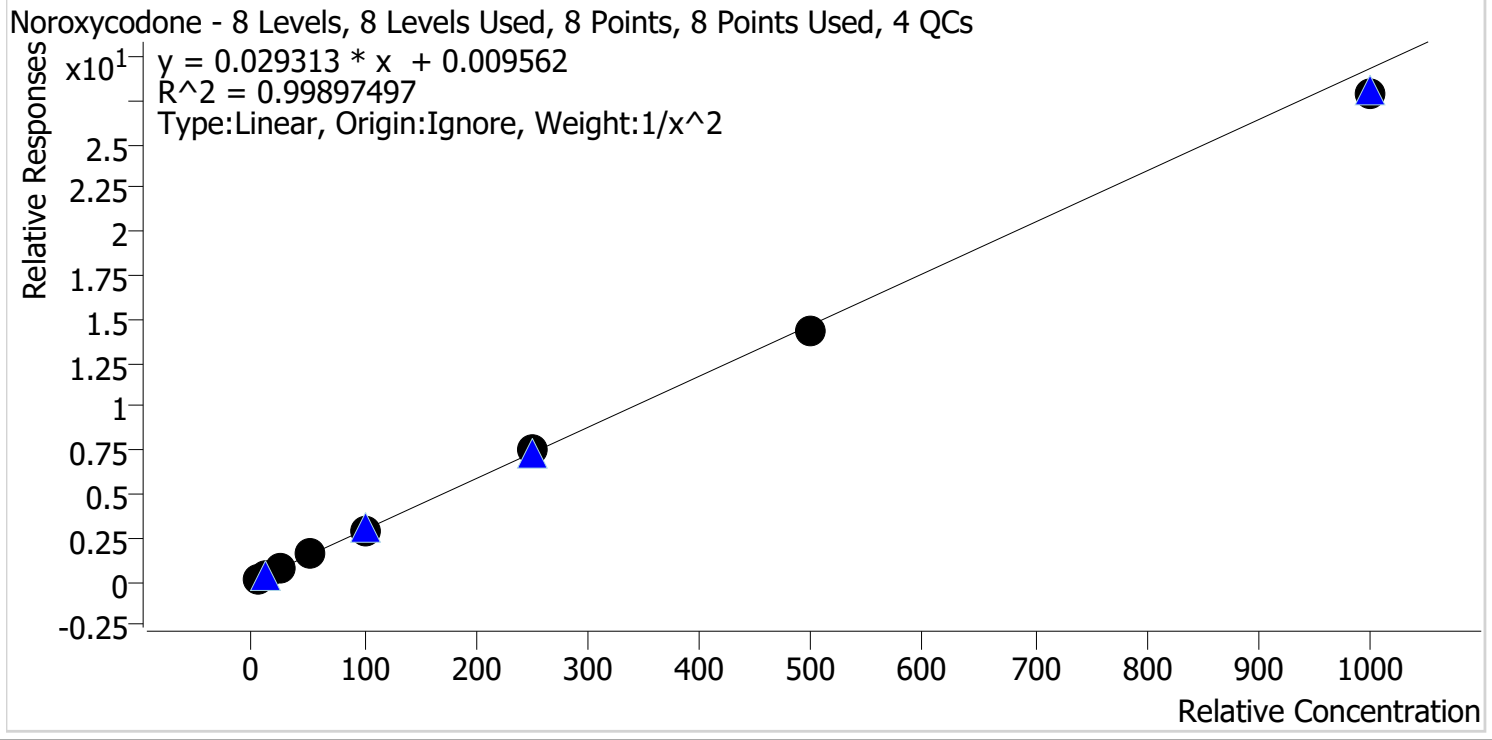
Cal 8 dropped due to linearity

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



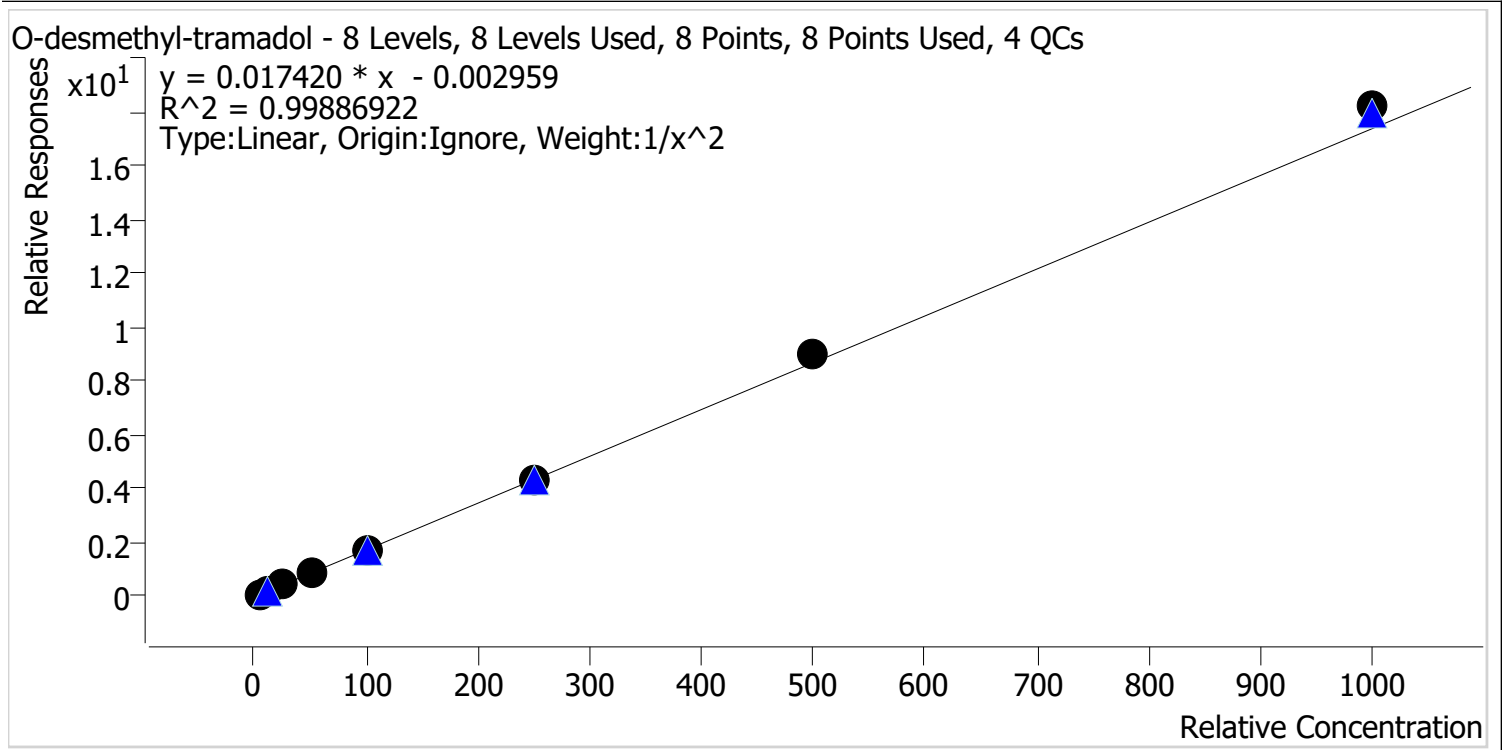
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.8
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	488.3	97.7
p1 Cal 8-1000ng	8	✓	1000.0	953.5	95.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



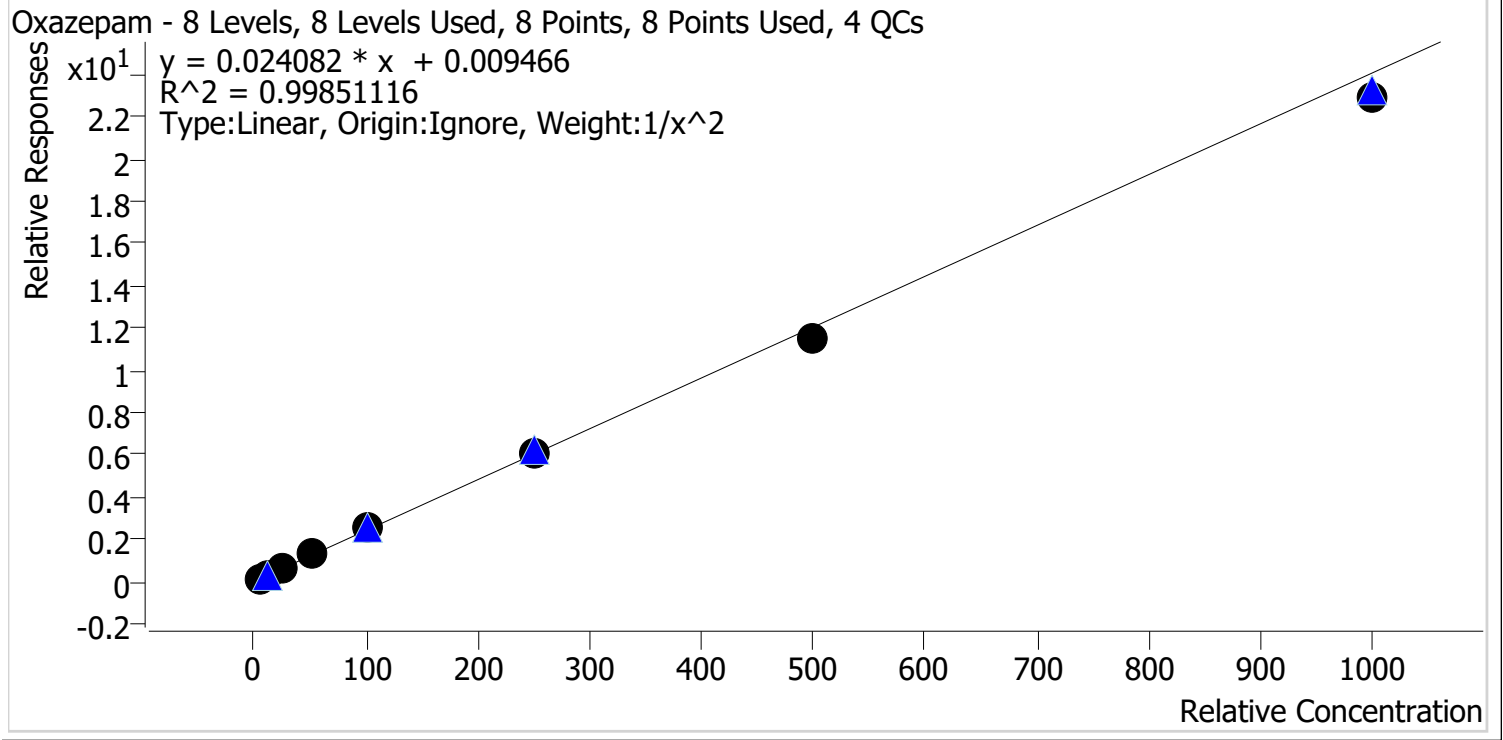
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	48.6	97.1
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	515.1	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1047.8	104.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
 Last Cal. Update 1/27/2022 7:56 AM
 Analyst Name ISP\datastor
 Analyte Oxazepam Internal Standard Oxazepam-D5



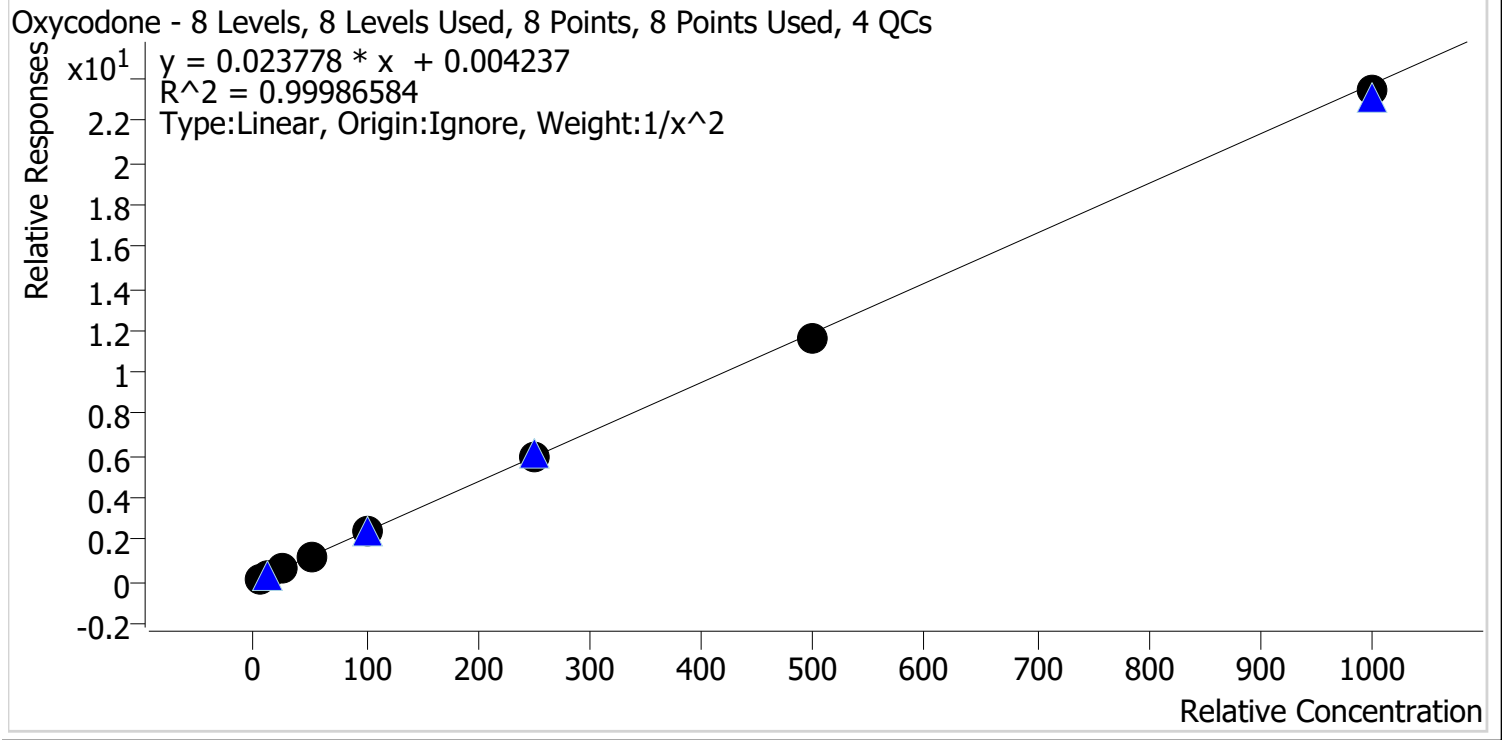
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	51.3	102.5
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	477.5	95.5
p1 Cal 8-1000ng	8	✓	1000.0	950.5	95.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
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	5.0	99.7
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	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	491.8	98.4
p1 Cal 8-1000ng	8	✓	1000.0	987.0	98.7

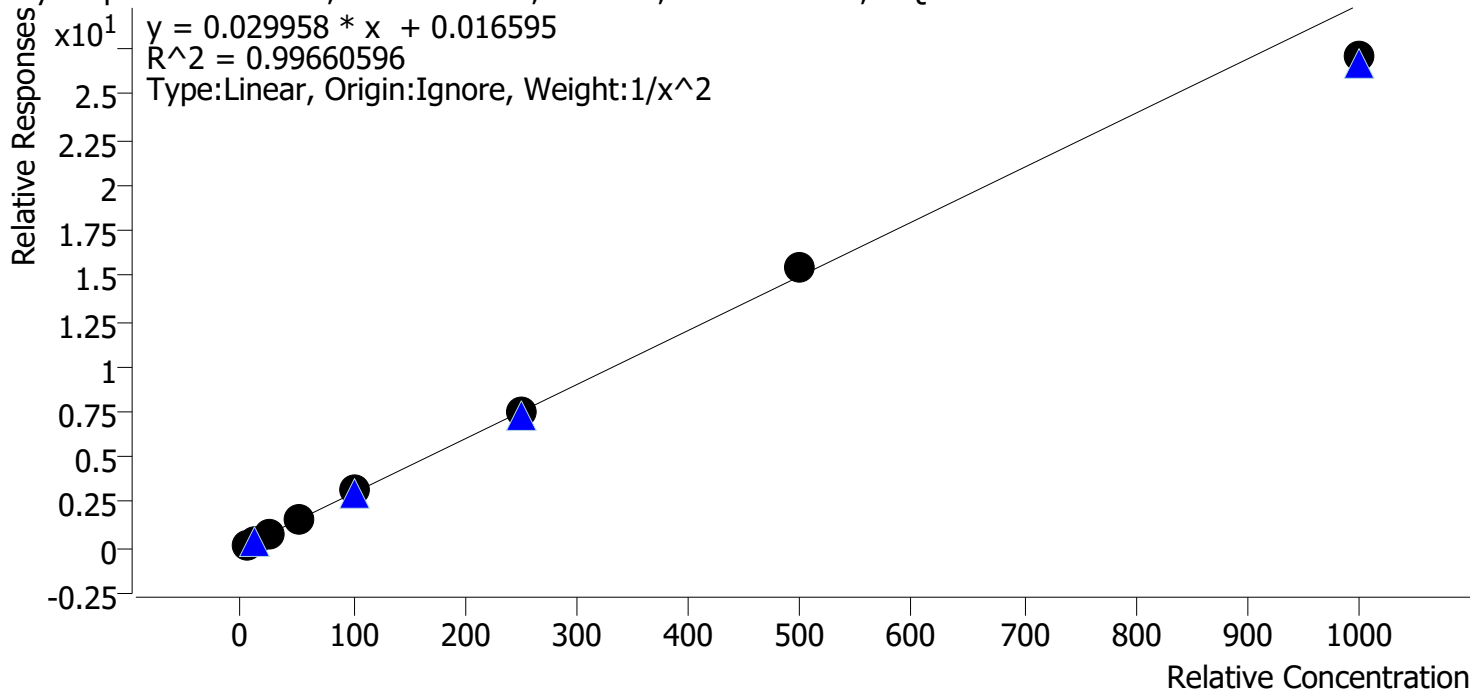
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



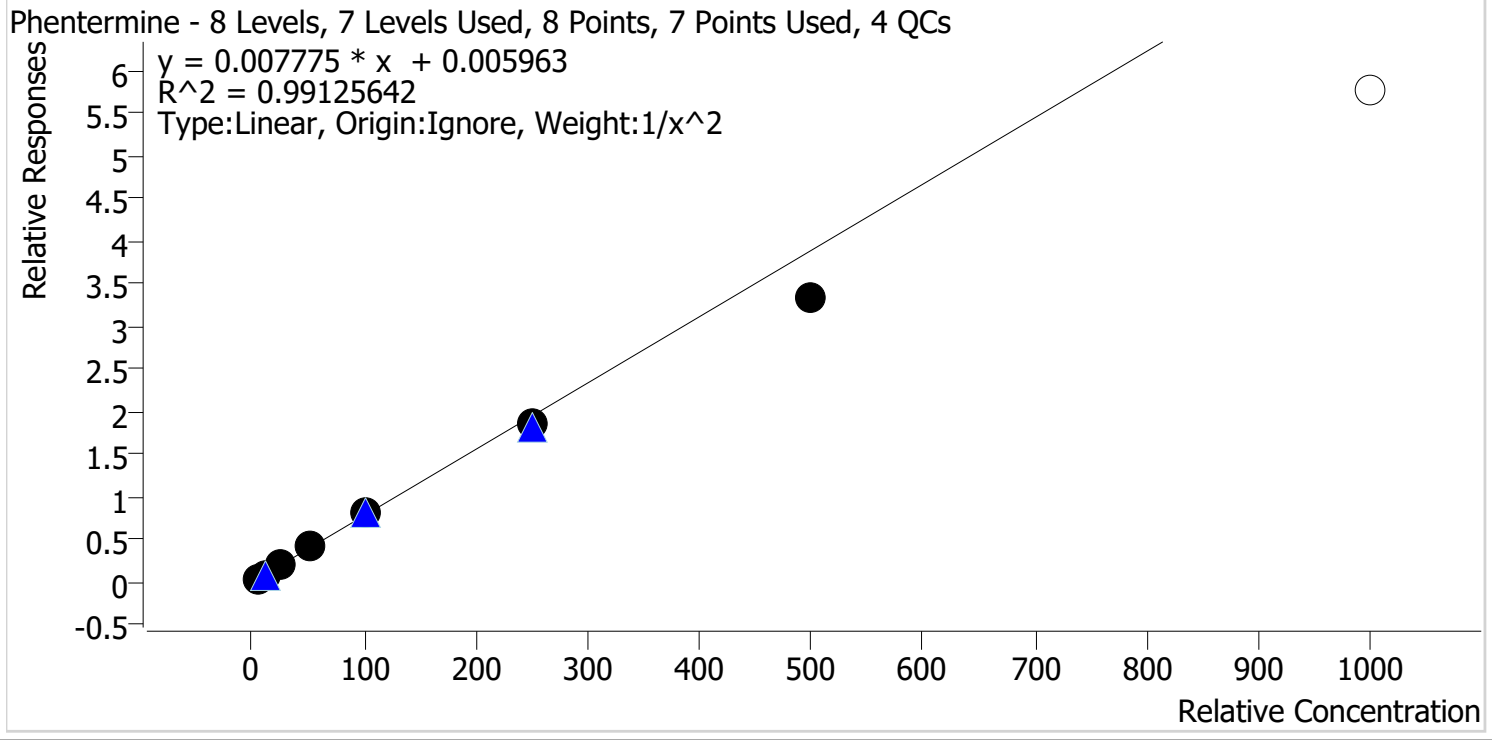
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	48.7	97.5
p1 Cal 5-100ng	5	✓	100.0	107.8	107.8
p1 Cal 6-250ng	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng	7	✓	500.0	518.3	103.7
p1 Cal 8-1000ng	8	✓	1000.0	904.5	90.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
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	96.3
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	53.8	107.7
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	239.6	95.9
p1 Cal 7-500ng	7	✓	500.0	428.2	85.6
p1 Cal 8-1000ng	8	✗	1000.0	740.9	74.1

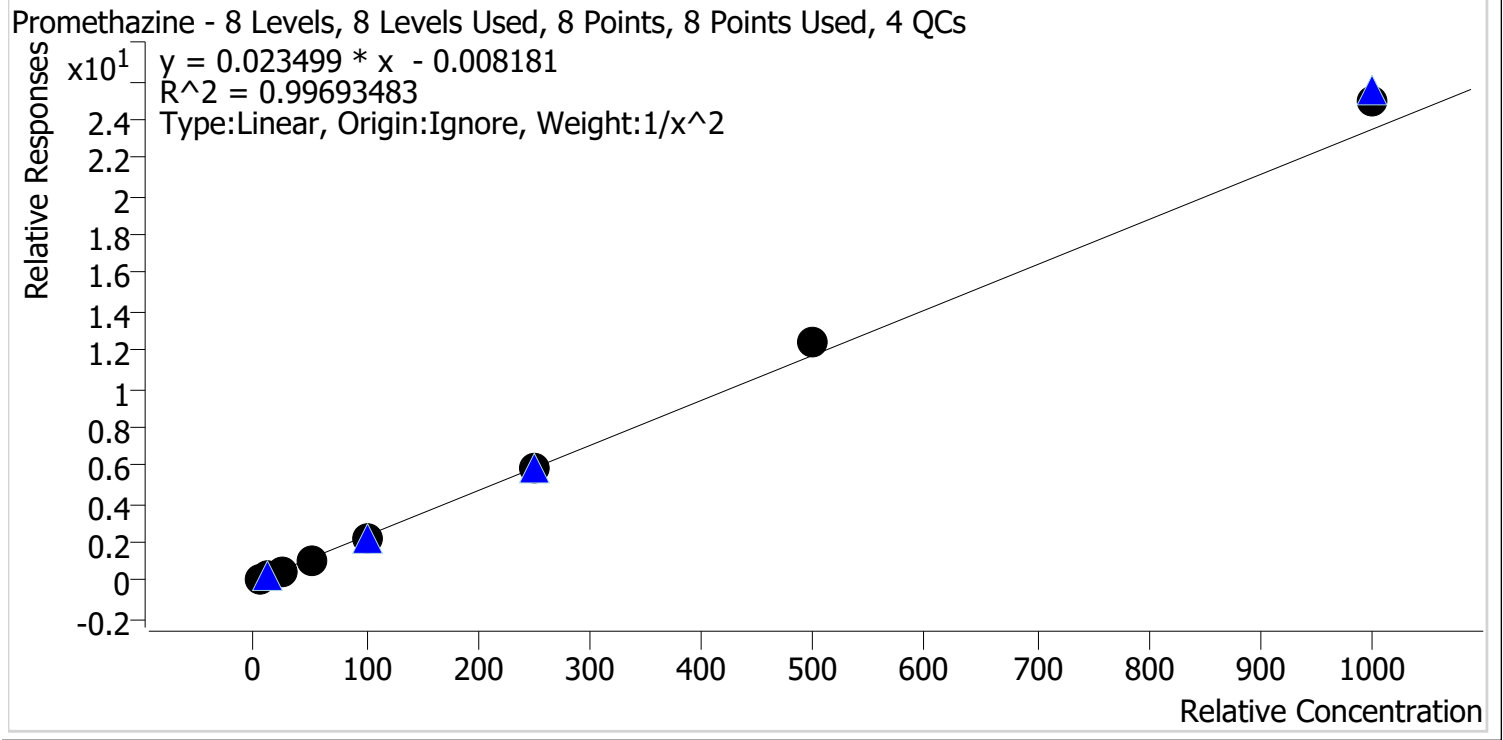
Cal 8 dropped due to linearity

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



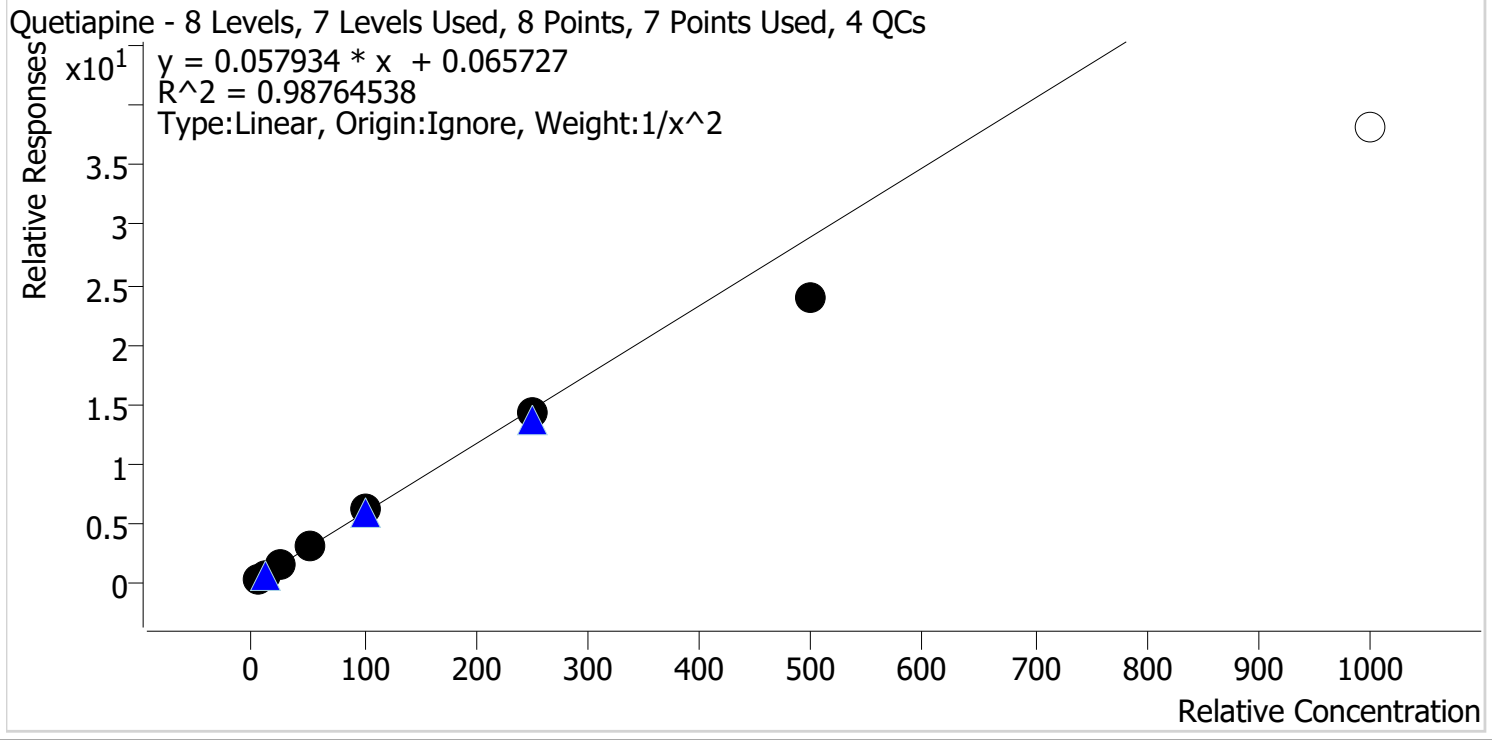
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	532.5	106.5
p1 Cal 8-1000ng	8	✓	1000.0	1064.9	106.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	27.5	110.2
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	243.6	97.4
p1 Cal 7-500ng	7	✓	500.0	409.7	81.9
p1 Cal 8-1000ng	8	x	1000.0	660.1	66.0

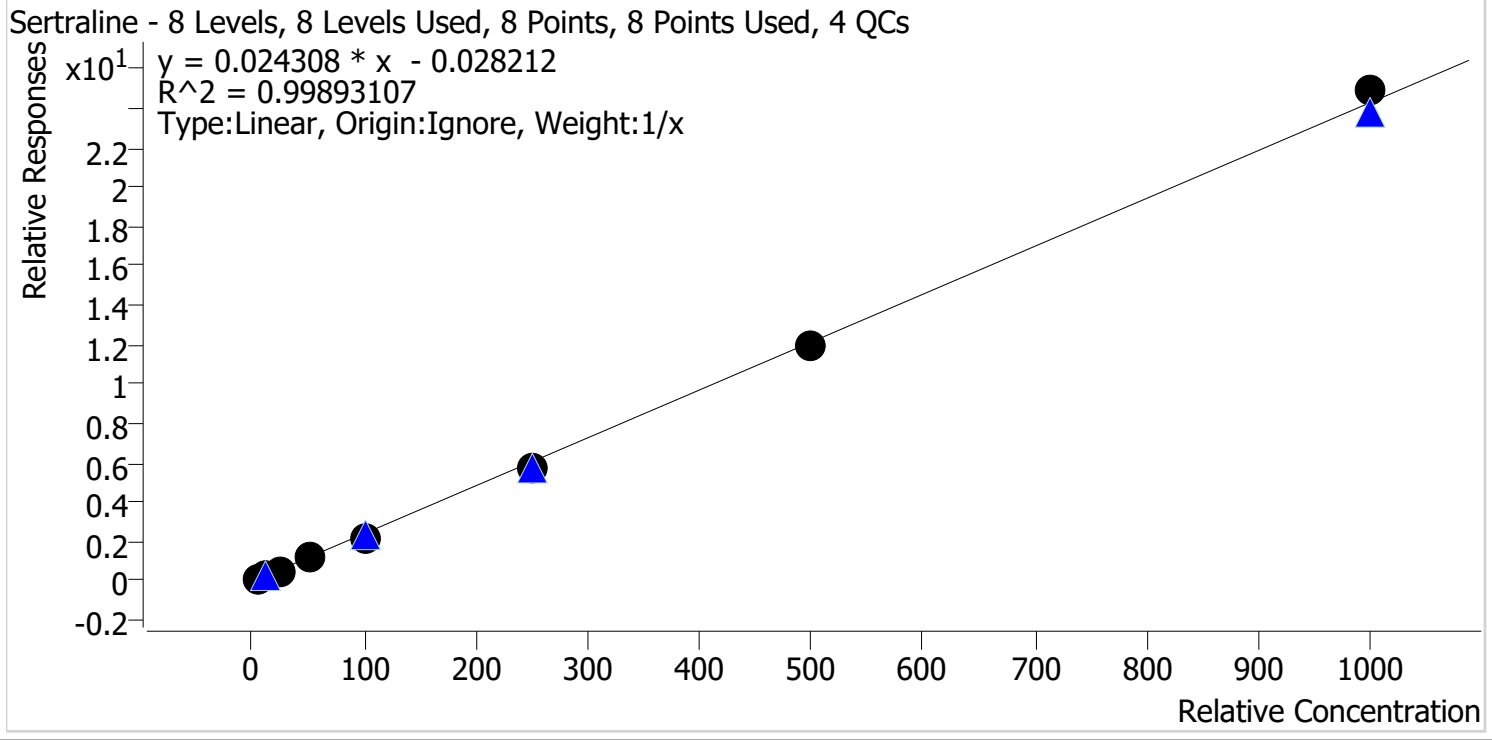
Cal 8 dropped due to linearity

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



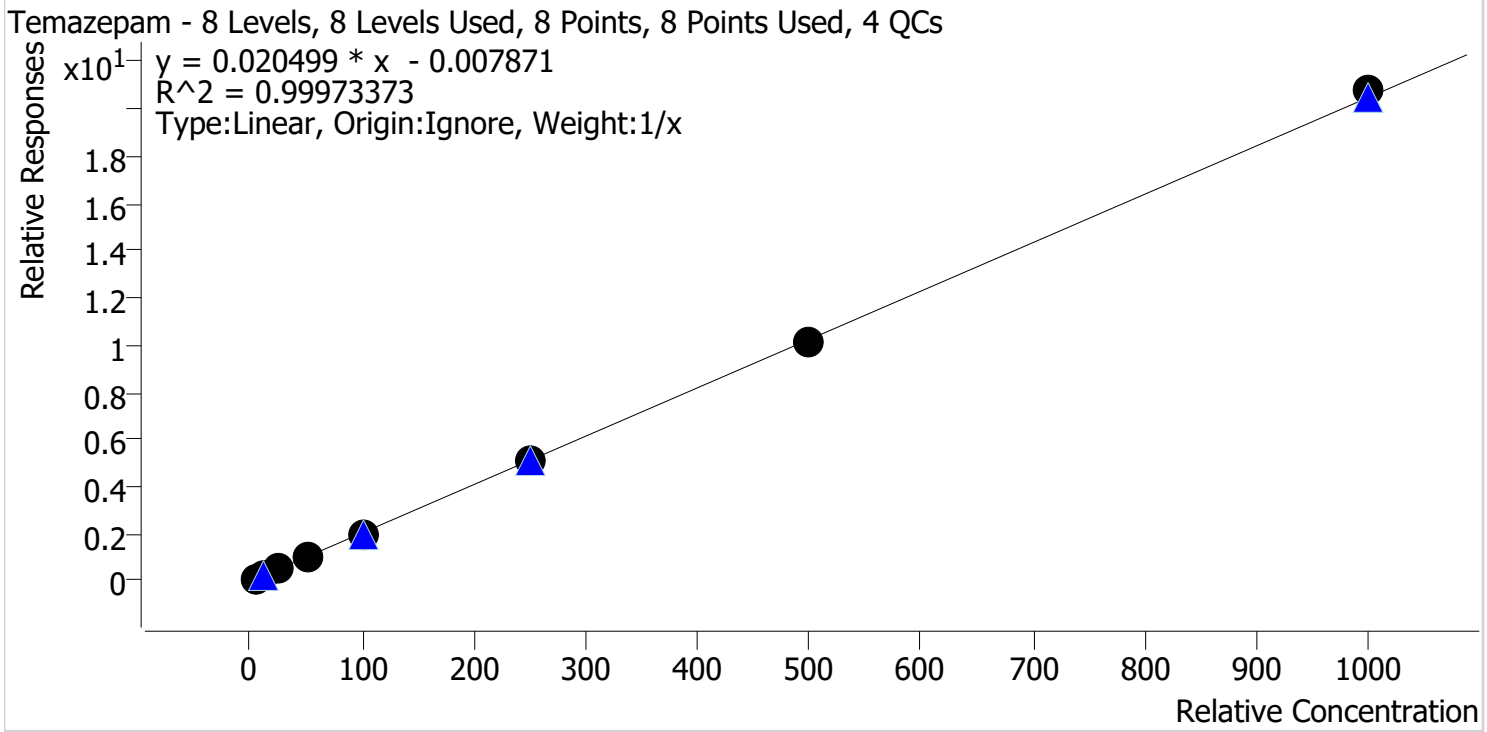
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	116.0
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	93.5	93.5
p1 Cal 6-250ng	6	✓	250.0	239.6	95.8
p1 Cal 7-500ng	7	✓	500.0	494.6	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1025.1	102.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



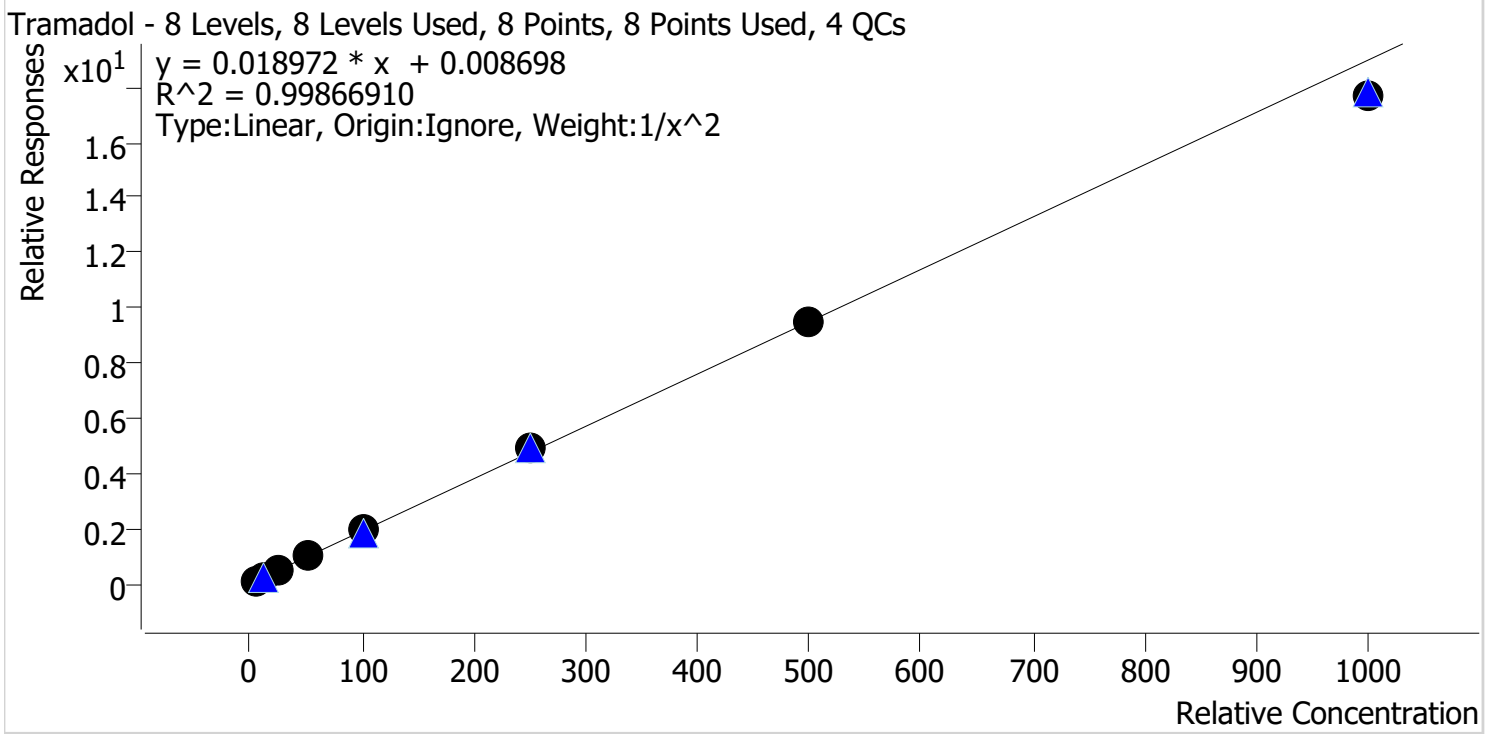
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	245.8	98.3
p1 Cal 7-500ng	7	✓	500.0	492.9	98.6
p1 Cal 8-1000ng	8	✓	1000.0	1014.4	101.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	262.2	104.9
p1 Cal 7-500ng	7	✓	500.0	500.1	100.0
p1 Cal 8-1000ng	8	✓	1000.0	933.3	93.3

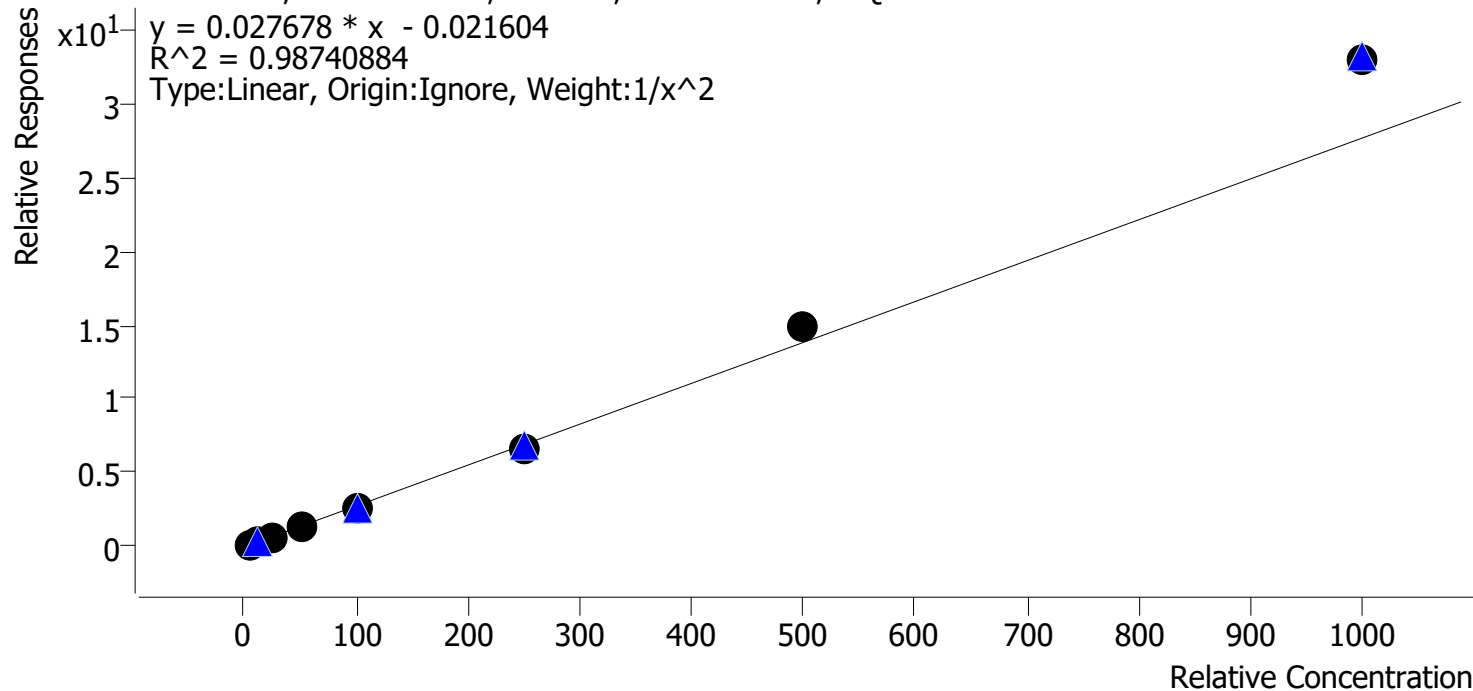
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



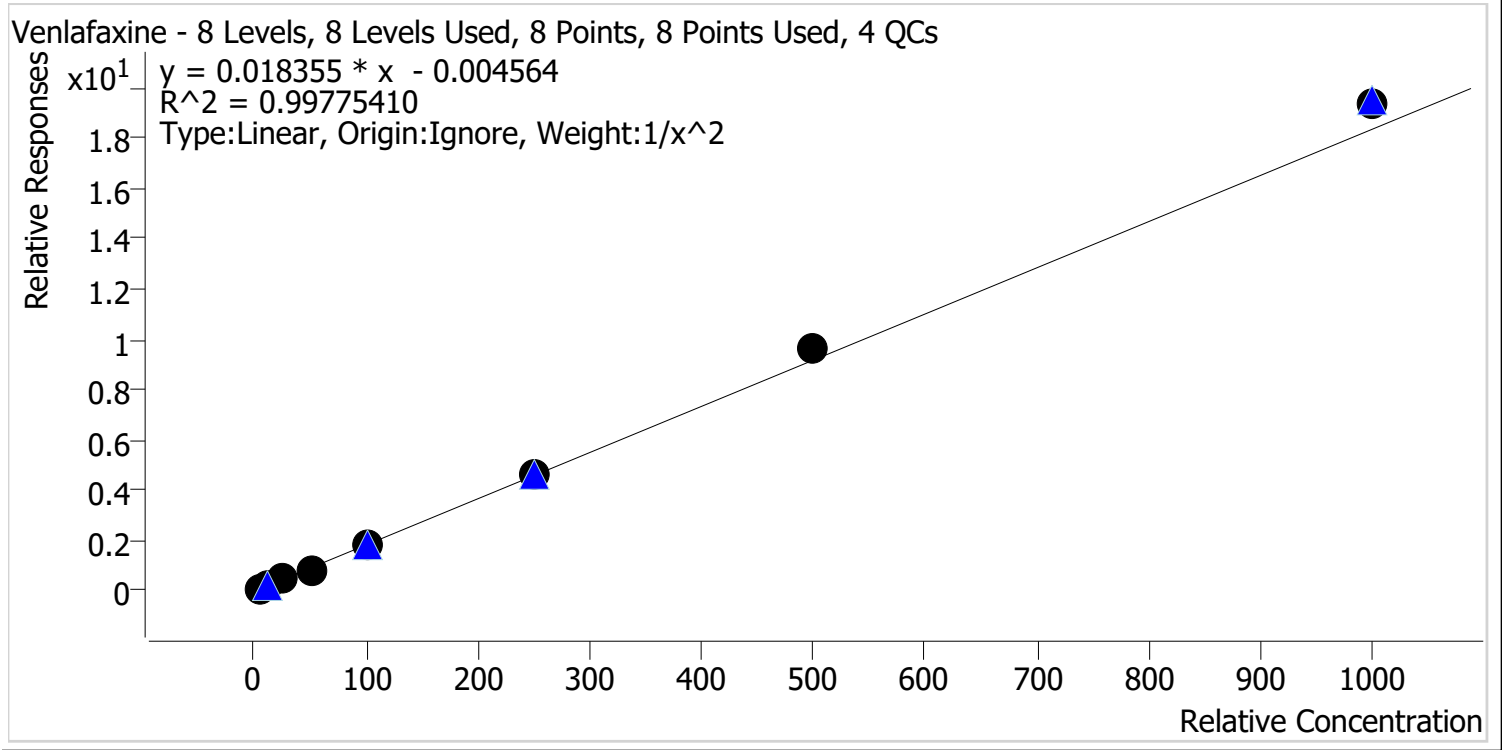
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	23.0	91.8
p1 Cal 4-50ng	4	✓	50.0	45.3	90.5
p1 Cal 5-100ng	5	✓	100.0	93.1	93.1
p1 Cal 6-250ng	6	✓	250.0	242.6	97.0
p1 Cal 7-500ng	7	✓	500.0	534.3	106.9
p1 Cal 8-1000ng	8	✓	1000.0	1195.1	119.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	47.6	95.3
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	523.9	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1054.4	105.4

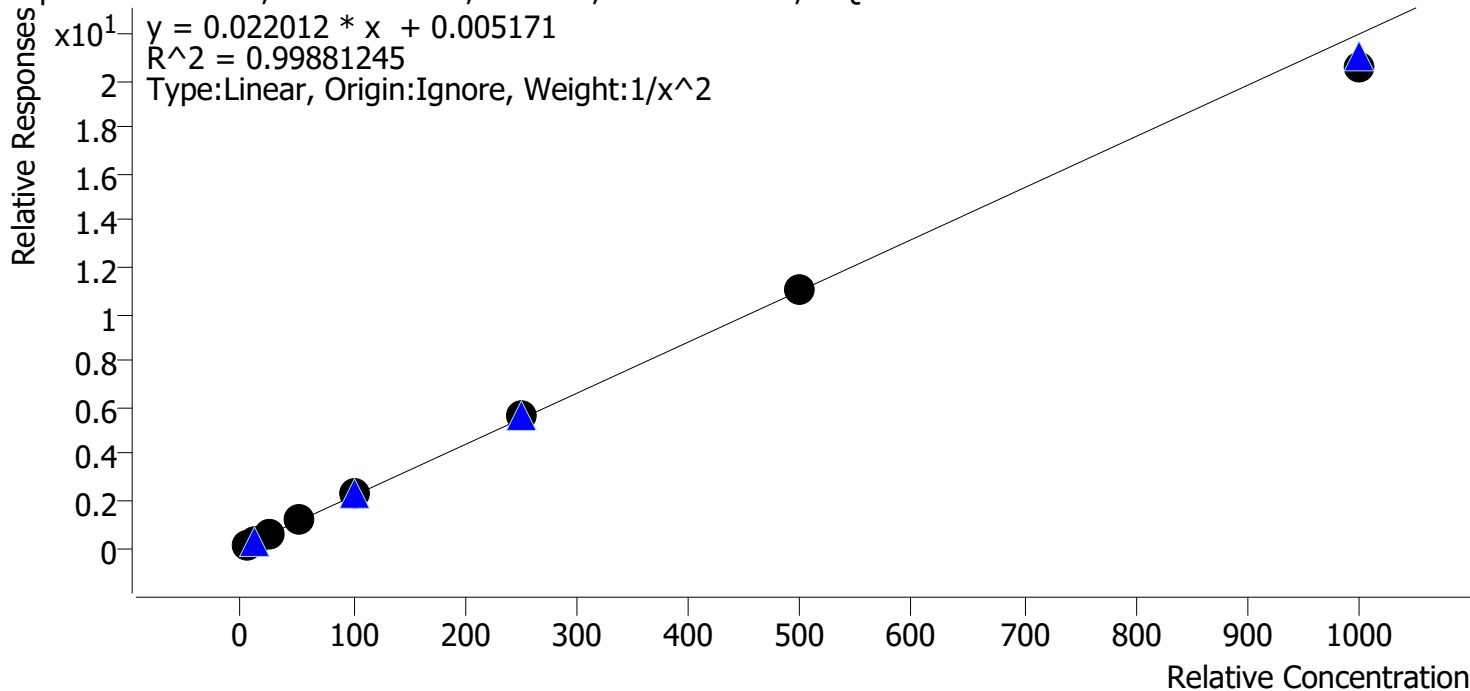
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Last Cal. Update 1/27/2022 7:56 AM
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	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	498.9	99.8
p1 Cal 8-1000ng	8	✓	1000.0	932.2	93.2

TS

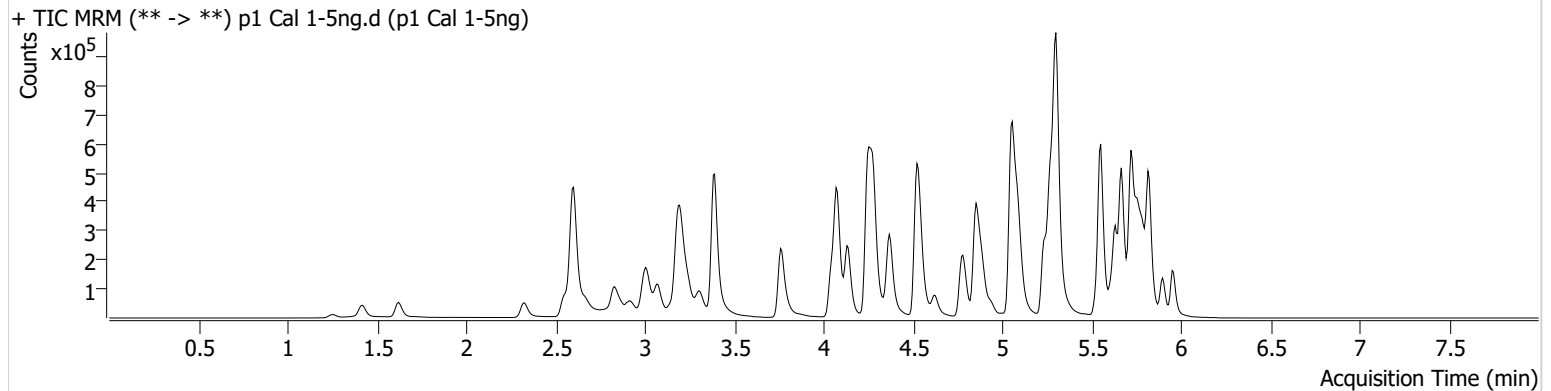


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 1/27/2022 7:56:36 AM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-H12	Comment	
Injection Volume	2		
Acq. Date-Time	1/19/2022 1:57:59 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	1144	2113.09	63.0	638.13	65154	0.5099 ng/ml
7-aminoclonazepam	4.271	23115	592.16	79.8	51989.59	166567	4.8423 ng/ml
a-hydroxyalprazolam	5.705	11217	625.64	60.9	690.25	287690	4.7540 ng/ml
alpha-PHP	4.944	19199	186.63	268.8	24686.79	617343	4.9664 ng/ml
alpha-PVP	4.376	71102	737.88	51.3	267.22	617343	5.0463 ng/ml
Alprazolam	5.782	37920	1092.34	110.5	772.66	287690	5.0175 ng/ml
Amphetamine	3.076	128256	1454.96	51.4	264.61	358938	4.7909 ng/ml
Buprenorphine	5.744	1835	176.84	12.6	308.81	118151	0.5186 ng/ml
Bupropion	4.795	72625	5663.40	64.0	981.71	524886	4.9724 ng/ml
Carisoprodol	5.730	41369	148715.60	55.1	299.71	360787	6.1289 ng/ml
Citalopram	5.239	58206	654.56	37.1	72.36	538615	5.0416 ng/ml
Clonazepam	5.618	43852	4517.60	35.6	199.20	117015	4.7482 ng/ml
Clonazolam	5.555	28685	32831.88	37.1	13207.24	117015	4.1284 ng/ml
Cocaine	4.277	47962	347.54	56.2	68986.75	840386	5.0092 ng/ml
Codeine	2.607	6522	107089.20	109.3	15557.99	65378	4.7923 ng/ml
Cyclobenzaprine	5.635	59018	4615.58	8.1	169.34	518545	5.2011 ng/ml
Dextromethorphan	5.282	38540	140.92	78.4	97.25	369810	5.0411 ng/ml
Dextrorphan	4.139	19467	377.80	221.9	173283.00	478944	5.0007 ng/ml
Diazepam	5.960	28367	608.99	90.7	170.05	274173	4.9631 ng/ml
Dihydrocodeine	2.579	15350	38.36	60.6	16500.05	191040	4.7724 ng/ml
Diphenhydramine	5.303	164020	241.48	30.9	380.97	1832232	5.0943 ng/ml
Doxylamine	4.543	148264	7740.37	103.2	20755.83	1339082	5.0324 ng/ml
EDDP	5.268	64802	263.93	41.0	1831.67	722764	5.0953 ng/ml
Etizolam	5.820	16307	33880.39	26.4	1824.66	117015	5.2028 ng/ml
Fentanyl	5.095	5090	301.98	74.3	50.09	627765	0.5043 ng/ml
Flualprazolam	5.712	15785	633.76	94.7	3594.05	287690	4.8366 ng/ml
Fluoxetine	5.727	72981	107030.20	8.0	10743.77	545052	5.1132 ng/ml
Hydrocodone	3.039	24642	177.45	31.8	55.03	271875	4.7416 ng/ml
Hydromorphone	1.628	19358	240.15	74.9	811.37	139234	4.9235 ng/ml
Ketamine	4.059	47225	1947.47	36.5	46.29	427173	4.9521 ng/ml
Lamotrigine	4.294	4653	88.65	85.5	990.27	427173	4.9032 ng/ml
Levetiracetam	2.670	23651	662.58	138.0	674.57	1261636	4.8704 ng/ml
Lorazepam	5.753	40258	581.40	50.1	49.06	117015	4.3141 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.223	91214	275.64	28.6	81.12	568667	4.8360 ng/ml
MDMA	3.316	48128	2696.16	88.9	711.46	113910	5.0409 ng/ml
Meprobamate	4.911	28312	683.41	25.2	266.40	262715	4.8676 ng/ml
Methadone	5.666	95187	1179.28	56.4	∞	834012	5.8606 ng/ml
Methamphetamine	3.244	103028	231.13	38.7	190.72	806281	4.8573 ng/ml
Metoprolol	4.340	13408	1367.78	93.3	444.67	1159709	4.8171 ng/ml
Mirtazapine	4.624	107870	1743.72	47.3	999.94	617343	5.2377 ng/ml
Mitragynine	5.230	21281	48432.86	35.3	3323.44	834012	5.4146 ng/ml
Morphine	1.261	2994	876.20	21.2	249.30	11315	5.0085 ng/ml
Norbuprenorphine	5.013	246	2676.77	77.7	364.71	16122	0.5108 ng/ml
Nordiazepam	5.906	30269	118145.33	60.0	561.89	204274	4.9148 ng/ml
Norfentanyl	4.099	11123	123.88	37.5	78.36	997596	0.5252 ng/ml
Norhydrocodone	3.086	3648	120.65	37.4	24.58	69646	5.2644 ng/ml
Noroxycodone	2.936	23279	309.20	50.2	21771.22	151160	4.9276 ng/ml
O-desmethyl-tramadol	3.389	104510	174.12	5.8	56.91	1224005	5.0713 ng/ml
Oxazepam	5.763	51677	601.08	72.8	344.27	404364	4.9138 ng/ml
Oxycodone	2.861	43360	292.16	29.0	262.58	353340	4.9826 ng/ml
Oxymorphone	1.418	18866	68.73	46.6	2914.30	114633	4.9396 ng/ml
Phentermine	3.797	29688	111.33	5.7	26.20	684105	4.8145 ng/ml
Promethazine	5.552	116741	415.93	29.6	671.85	1040221	5.1239 ng/ml
Pseudoephedrine	2.610	123154	2313.28	16.9	483.94	1261636	5.1102 ng/ml
Quetiapine	5.541	70213	412.18	56.9	274.59	202834	4.8405 ng/ml
Sertraline	5.796	29202	801.41	92.5	3657.75	258891	5.8009 ng/ml
Temazepam	5.823	82531	1655.04	27.3	45.88	815693	5.3198 ng/ml
Tramadol	4.259	119671	891.23	3.0	73.23	1159709	4.9806 ng/ml
Trazodone	5.101	72904	86572.25	76.9	2575.71	592624	5.2251 ng/ml
Venlafaxine	5.050	94849	228.03	34.0	271.75	1056005	5.1419 ng/ml
Zolpidem	4.874	107122	1752.48	29.8	659.88	932955	4.9814 ng/ml

TS

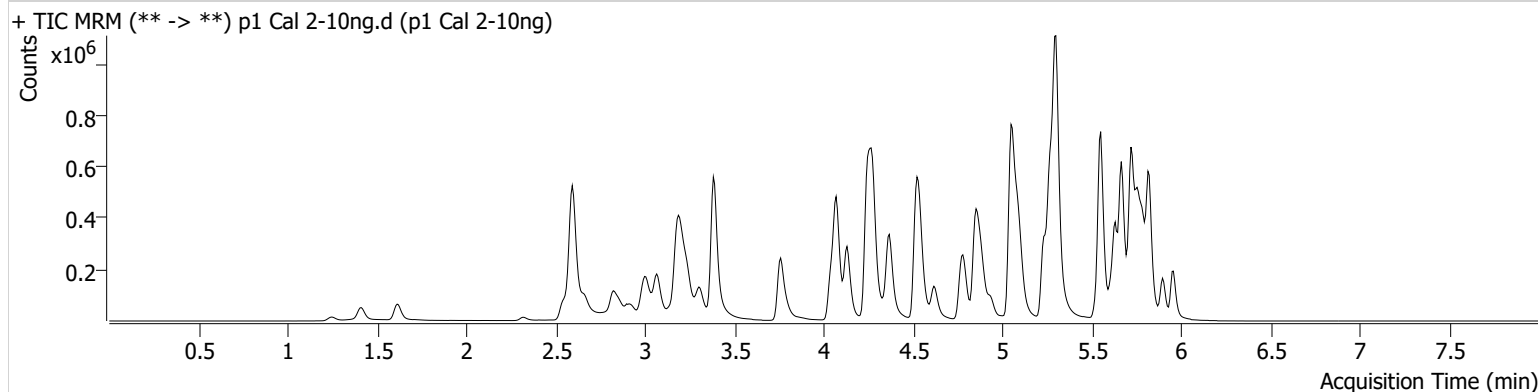


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 1/27/2022 7:56:36 AM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-G12	Comment	
Injection Volume	2		
Acq. Date-Time	1/19/2022 2:08:45 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	2279	115.12	78.5	63.86	66460	0.9692 ng/ml
7-aminoclonazepam	4.265	43452	13963.35	77.5	4725.80	161720	10.2022 ng/ml
a-hydroxyalprazolam	5.699	23664	164.21	64.1	235.33	293860	10.7724 ng/ml
alpha-PHP	4.937	41015	1019.31	260.9	7798.93	644439	10.1302 ng/ml
alpha-PVP	4.376	147894	575.09	51.3	5310.20	644439	9.9570 ng/ml
Alprazolam	5.782	79860	367.27	109.1	1066.83	293860	10.1280 ng/ml
Amphetamine	3.069	250371	841.24	51.9	1077.43	354484	10.1888 ng/ml
Benzoylcegonine	3.892	2024	137.13	6.8	101.13	6242	10.2088 ng/ml
Buprenorphine	5.744	3614	2505.58	13.3	1699.23	120341	0.9896 ng/ml
Bupropion	4.795	153780	24425.41	62.9	2053.64	551685	10.1170 ng/ml
Carisoprodol	5.730	85100	271169.10	54.7	94.88	380479	10.4885 ng/ml
Citalopram	5.232	122961	890.51	37.2	93798.71	553925	10.0241 ng/ml
Clonazepam	5.618	92749	387.15	35.3	340.10	124253	10.4077 ng/ml
Clonazepam	5.555	59542	3789.58	35.0	61042.99	124253	9.8947 ng/ml
Cocaine	4.271	98068	4794.35	54.9	31784.90	864446	10.0376 ng/ml
Codeine	2.600	13649	187.93	100.9	8399.98	66952	10.5495 ng/ml
Cyclobenzaprine	5.635	123852	402.24	7.9	368.19	549240	9.6294 ng/ml
Dextromethorphan	5.282	80208	35788.79	79.2	∞	393993	9.9076 ng/ml
Dextrophan	4.132	42757	135078.12	210.8	387935.13	502413	10.1620 ng/ml
Diazepam	5.960	58519	306.88	94.3	388.33	283757	10.0926 ng/ml
Dihydrocodeine	2.572	32706	136.33	56.0	228.95	199836	10.4959 ng/ml
Diphenhydramine	5.303	337988	619.19	31.6	903.87	1899628	9.8230 ng/ml
Doxylamine	4.543	280824	3725.08	100.1	1348.16	1275187	9.8581 ng/ml
EDDP	5.268	138089	303.52	42.5	128.99	788187	9.8113 ng/ml
Etizolam	5.820	34665	1276.77	27.0	17163.29	124253	9.7722 ng/ml
Fentanyl	5.095	11017	951.45	72.9	113.77	667557	1.0124 ng/ml
Flualprazolam	5.712	33226	1017.37	95.0	4562.46	293860	10.5001 ng/ml
Fluoxetine	5.727	148293	2804.10	8.7	18409.27	559612	9.8111 ng/ml
Hydrocodone	3.039	50941	67.04	31.9	52.41	268681	10.6846 ng/ml
Hydromorphone	1.621	42085	18098.30	71.5	515.82	139404	10.3283 ng/ml
Ketamine	4.059	96235	11051.86	38.6	136.62	446172	10.0367 ng/ml
Lamotrigine	4.294	9518	218.55	88.1	6961.12	446172	10.1017 ng/ml
Levetiracetam	2.663	52110	1313.68	142.5	361.37	1316857	10.3812 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	81143	2147.34	51.2	512.83	124253	10.3164 ng/ml
MDA	3.216	178022	1257.07	28.5	170.17	566145	10.2895 ng/ml
MDMA	3.310	96852	157415.44	91.8	973.92	117462	9.9284 ng/ml
Meprobamate	4.911	54607	3206.86	25.0	1429.45	271810	10.1411 ng/ml
Methadone	5.666	200621	8098.07	54.5	15049.44	889735	10.2715 ng/ml
Methamphetamine	3.244	207603	663.29	38.7	584.97	848645	10.0997 ng/ml
Metoprolol	4.340	27777	413.69	92.2	861.71	1205428	10.3538 ng/ml
Mirtazapine	4.617	205573	21353.18	47.7	1092.09	644439	9.3759 ng/ml
Mitragynine	5.230	44184	91209.59	35.4	937.45	889735	10.1530 ng/ml
Morphine	1.253	6352	87.30	22.1	55.49	11827	9.8192 ng/ml
Norbuprenorphine	5.006	422	655.56	90.0	275.16	17046	0.9545 ng/ml
Nordiazepam	5.906	61619	5391.84	60.5	3792.60	209733	10.1235 ng/ml
Norfentanyl	4.099	21845	111.84	35.4	160.01	1039557	0.9428 ng/ml
Norhydrocodone	3.086	7210	152.18	38.8	90.84	71402	9.4481 ng/ml
Noroxycodone	2.930	46206	101.76	49.6	261.55	151237	10.0965 ng/ml
O-desmethyl-tramadol	3.389	214638	948.62	5.7	237.39	1268100	9.8862 ng/ml
Oxazepam	5.763	105003	207.53	73.7	366.58	413426	10.1536 ng/ml
Oxycodone	2.854	87774	364.55	29.5	334.18	361772	10.0254 ng/ml
Oxymorphone	1.411	37405	501.03	47.2	97.40	116583	10.1557 ng/ml
Phentermine	3.797	60711	143.13	5.7	26.99	706143	10.2907 ng/ml
Promethazine	5.552	241294	735.06	29.9	582.83	1082029	9.8379 ng/ml
Pseudoephedrine	2.603	259325	5719.72	16.7	8382.44	1316857	9.8751 ng/ml
Quetiapine	5.541	133698	16699.18	60.0	9307.25	206035	10.0663 ng/ml
Sertraline	5.789	61564	2137.22	93.1	3400.93	275420	10.3564 ng/ml
Temazepam	5.823	166440	392.56	28.5	82.04	846670	9.9739 ng/ml
Tramadol	4.259	239227	10907.02	3.2	34.47	1205428	10.0020 ng/ml
Trazodone	5.101	153021	242.03	77.7	6197.75	622322	9.6642 ng/ml
Venlafaxine	5.050	193447	6933.28	34.9	2228.51	1117547	9.6790 ng/ml
Zolpidem	4.874	219356	34997.69	30.9	2572.27	975691	9.9788 ng/ml

TS

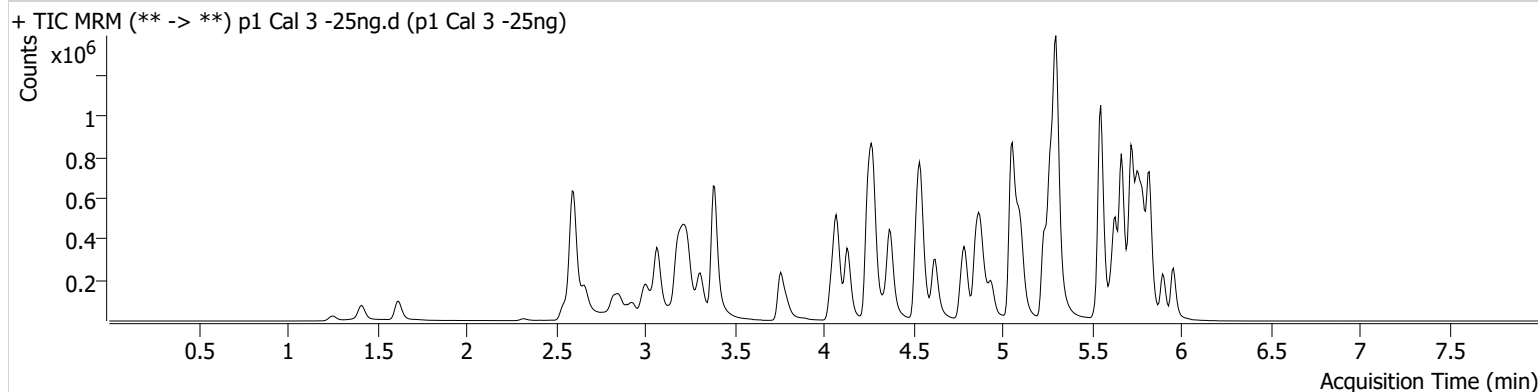


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 1/27/2022 7:56:36 AM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-F12	Comment	
Injection Volume	2		
Acq. Date-Time	1/19/2022 2:19:22 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	5886	1956.84	69.8	194.18	64964	2.5160 ng/ml
7-aminoclonazepam	4.265	103462	3678.47	79.1	5248.42	154405	26.7619 ng/ml
a-hydroxyalprazolam	5.699	52933	1452.01	67.0	540.60	283946	26.1141 ng/ml
alpha-PHP	4.944	97050	11509.79	262.3	2652.67	619537	24.8875 ng/ml
alpha-PVP	4.376	352100	10418.76	51.9	13557.65	619537	24.5121 ng/ml
Alprazolam	5.782	185074	734.41	110.2	1817.12	283946	24.0049 ng/ml
Amphetamine	3.069	641623	353.83	47.4	2708.73	346465	27.9090 ng/ml
Benzoylcegonine	3.892	4538	558.48	8.6	52.01	6255	23.5975 ng/ml
Buprenorphine	5.744	7982	7936.08	16.3	3411.26	118219	2.2080 ng/ml
Bupropion	4.795	367166	29591.94	64.0	2412.80	535227	25.0413 ng/ml
Carisoprodol	5.730	194059	5638.07	52.8	315.75	343297	24.1516 ng/ml
Citalopram	5.239	290520	9909.48	37.6	194353.14	529928	24.2937 ng/ml
Clonazepam	5.618	215711	2531.13	35.7	5682.61	116219	27.3026 ng/ml
Clonazepam	5.555	135812	1111.56	35.8	80435.04	116219	26.8786 ng/ml
Cocaine	4.277	231414	421443.60	55.0	7634.37	824741	24.9461 ng/ml
Codeine	2.600	31269	62.79	110.3	52105.08	66148	25.4159 ng/ml
Cyclobenzaprine	5.635	301348	11743.19	7.7	117.62	531029	23.1893 ng/ml
Dextromethorphan	5.282	186700	1723.47	80.1	9782.26	366905	24.8590 ng/ml
Dextrophan	4.139	101292	791288.36	212.1	8893.34	487620	24.3985 ng/ml
Diazepam	5.960	136214	497.10	92.6	383.55	267373	25.2277 ng/ml
Dihydrocodeine	2.579	77143	96.56	60.8	9655.70	194209	26.5411 ng/ml
Diphenhydramine	5.303	812190	16725.85	31.7	296.19	1828122	24.0703 ng/ml
Doxylamine	4.543	692480	47456.12	99.9	116551.04	1226910	25.0265 ng/ml
EDDP	5.268	339498	1405.33	42.1	10072.05	778253	24.2027 ng/ml
Etizolam	5.820	79982	7786.57	26.0	12792.80	116219	23.1635 ng/ml
Fentanyl	5.103	24371	2924.61	78.4	4536.87	627611	2.3635 ng/ml
Flualprazolam	5.712	75455	3287.84	96.5	5583.51	283946	25.3566 ng/ml
Fluoxetine	5.727	352049	16259.50	8.8	135055.79	531159	24.0665 ng/ml
Hydrocodone	3.039	119983	121.31	32.6	96.49	263793	26.6146 ng/ml
Hydromorphone	1.621	104799	386899.43	75.9	44.46	141973	24.8067 ng/ml
Ketamine	4.059	228980	6738.19	38.6	∞	424152	25.7136 ng/ml
Lamotrigine	4.294	23038	1774.22	82.0	2219.23	424152	26.5255 ng/ml
Levetiracetam	2.663	121437	635.34	137.9	1995.10	1248423	25.6500 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	180583	16224.37	53.1	750.95	116219	27.8134 ng/ml
MDA	3.216	423595	1297.63	28.9	754.26	546634	26.5910 ng/ml
MDMA	3.310	232526	2256.46	92.6	1845.29	114297	24.6367 ng/ml
Meprobamate	4.911	126037	3014.91	24.6	2081.09	255471	26.7006 ng/ml
Methadone	5.666	481125	581.11	53.9	352.67	849250	23.7809 ng/ml
Methamphetamine	3.244	501948	1346.47	38.5	736.21	811037	26.8914 ng/ml
Metoprolol	4.340	65695	98660.48	93.0	1785.91	1164550	26.4458 ng/ml
Mirtazapine	4.624	499790	5855.44	47.3	19513.84	619537	23.3665 ng/ml
Mitragynine	5.230	105900	796.53	34.7	36771.17	849250	24.8799 ng/ml
Morphine	1.261	16932	3057.12	18.1	149.61	11869	25.5243 ng/ml
Norbuprenorphine	5.006	996	20.53	92.8	199.04	17351	2.4799 ng/ml
Nordiazepam	5.906	149200	18396.67	57.9	5972.06	202910	25.9156 ng/ml
Norfentanyl	4.099	54658	5754.70	35.8	146.43	1002988	2.3601 ng/ml
Norhydrocodone	3.086	16686	52.53	40.0	61.40	66355	22.4051 ng/ml
Noroxycodone	2.936	112379	3025.59	48.3	4324.50	145926	25.9459 ng/ml
O-desmethyl-tramadol	3.389	519164	3008.53	5.6	5830.80	1229409	24.4113 ng/ml
Oxazepam	5.763	243396	17085.35	72.6	2198.76	386994	25.7237 ng/ml
Oxycodone	2.854	210382	523.88	30.3	3777.49	348981	25.1748 ng/ml
Oxymorphone	1.418	90672	442.55	46.2	1125.63	116548	25.4148 ng/ml
Phentermine	3.797	145493	2144.57	5.4	222.07	676583	26.8906 ng/ml
Promethazine	5.552	569754	13189.06	30.2	422.23	1039350	23.6760 ng/ml
Pseudoephedrine	2.610	601834	8655.37	17.6	14846.06	1248423	23.5561 ng/ml
Quetiapine	5.541	331804	16779.98	57.8	124.11	199672	27.5487 ng/ml
Sertraline	5.796	146180	7403.13	93.0	12242.56	265996	23.7687 ng/ml
Temazepam	5.823	397163	10941.93	27.1	416.00	792726	24.8248 ng/ml
Tramadol	4.259	568844	1472.43	3.2	151.18	1164550	25.2878 ng/ml
Trazodone	5.101	364294	51697.01	77.5	38049.82	593585	22.9536 ng/ml
Venlafaxine	5.050	468950	20367.67	33.9	3425.20	1070418	24.1161 ng/ml
Zolpidem	4.874	523713	14671.87	30.6	4515.70	935746	25.1914 ng/ml

TS

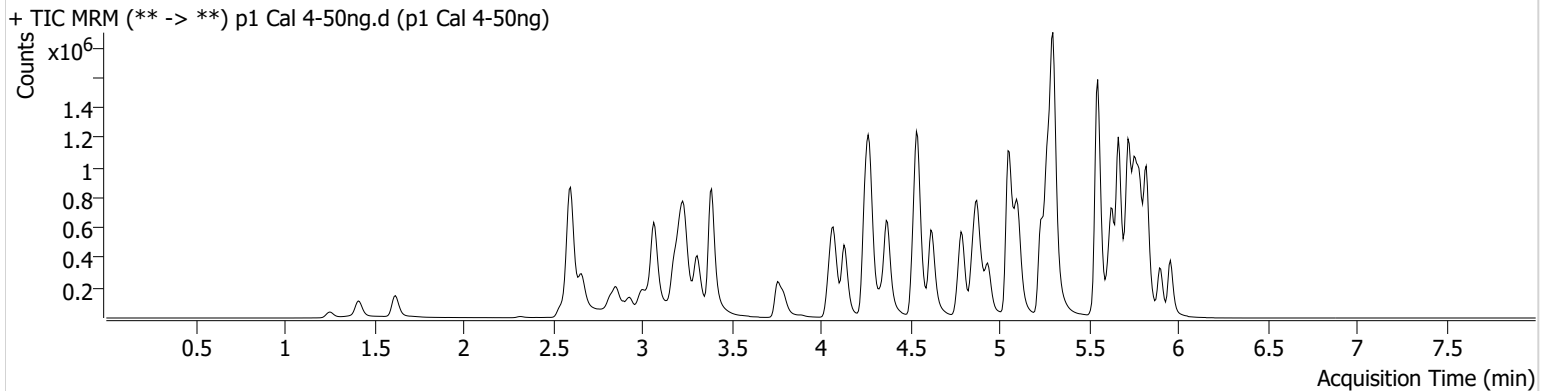


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 1/27/2022 7:56:36 AM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-E12	Comment	
Injection Volume	2		
Acq. Date-Time	1/19/2022 2:29:58 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	11061	37679.88	74.5	42029.45	64449	4.7408 ng/ml
7-aminoclonazepam	4.265	184544	3811.71	80.7	110.48	140244	53.4060 ng/ml
a-hydroxyalprazolam	5.699	97894	612.02	69.1	369.45	270152	51.6060 ng/ml
alpha-PHP	4.937	196015	1540.41	259.2	1880.18	614144	50.6743 ng/ml
alpha-PVP	4.376	694307	1041.98	52.0	977.36	614144	48.6622 ng/ml
Alprazolam	5.782	360070	1016.90	109.7	6289.46	270152	48.8737 ng/ml
Amphetamine	3.069	1227619	3933.11	47.8	667.63	340274	55.0681 ng/ml
Benzoylecgonine	3.892	9133	173.34	9.5	599.78	5916	50.9002 ng/ml
Buprenorphine	5.744	16390	6494.24	15.3	4821.03	115081	4.6421 ng/ml
Bupropion	4.795	726218	21750.21	63.9	10472.81	534369	49.7050 ng/ml
Carisoprodol	5.730	360180	361833.51	55.5	450.48	324657	45.9147 ng/ml
Citalopram	5.232	578105	13145.42	37.5	1012019.53	526431	48.3473 ng/ml
Clonazepam	5.618	417955	7761.59	35.4	291059.56	115016	54.3715 ng/ml
Clonazepam	5.555	259875	350580.34	36.1	210256.84	115016	53.7544 ng/ml
Cocaine	4.277	446039	13962.82	55.9	25440.83	816339	48.6544 ng/ml
Codeine	2.600	63162	∞	104.7	15718.02	63859	53.9701 ng/ml
Cyclobenzaprine	5.635	599009	24096.85	7.5	329.85	510320	47.2302 ng/ml
Dextromethorphan	5.282	372885	2788.09	79.5	809.87	370298	49.2565 ng/ml
Dextrophan	4.132	202630	805.39	211.7	765.18	484195	48.8678 ng/ml
Diazepam	5.960	268206	1033.25	91.8	2007.44	264452	50.4214 ng/ml
Dihydrocodeine	2.579	147438	157.42	62.8	148.98	188886	52.8770 ng/ml
Diphenhydramine	5.303	1616780	90688.05	31.8	21414.22	1781324	48.8551 ng/ml
Doxylamine	4.543	1352761	8759.49	100.0	59448.39	1211699	49.3535 ng/ml
EDDP	5.268	652516	490.52	41.5	453.59	744495	48.4735 ng/ml
Etizolam	5.820	152737	3224.92	26.3	5843.67	115016	44.0997 ng/ml
Fentanyl	5.095	50488	1028.66	76.9	103466.67	635372	4.8222 ng/ml
Flualprazolam	5.712	143456	6828.81	100.5	26432.41	270152	51.1714 ng/ml
Fluoxetine	5.727	683653	30276.62	8.7	8518.94	516555	47.7430 ng/ml
Hydrocodone	3.039	234526	312.02	33.0	368.08	266109	52.2276 ng/ml
Hydromorphone	1.621	200876	2461313.95	77.0	815374.09	134644	49.8212 ng/ml
Ketamine	4.059	451442	18798.65	38.7	4634.38	427095	50.7238 ng/ml
Lamotrigine	4.294	44771	787.12	83.3	1384.25	427095	51.6763 ng/ml
Levetiracetam	2.663	237690	474.85	139.4	435.48	1225263	51.2438 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	320415	15740.11	52.4	930.78	115016	51.7449 ng/ml
MDA	3.216	796589	987.60	28.8	1307.98	523737	53.0028 ng/ml
MDMA	3.310	459363	6612.74	93.6	2529.30	113009	49.3203 ng/ml
Meprobamate	4.911	236381	2873.20	25.2	2225.32	248661	52.5922 ng/ml
Methadone	5.666	969956	4590.00	54.3	1890.10	862093	45.9075 ng/ml
Methamphetamine	3.244	982332	8572.50	39.0	1888.82	816428	53.1067 ng/ml
Metoprolol	4.340	129048	1223.89	94.2	3931.85	1163677	52.7199 ng/ml
Mirtazapine	4.617	992406	1197.76	46.3	31597.92	614144	46.5791 ng/ml
Mitragynine	5.230	207800	303456.31	35.8	981.11	862093	47.7131 ng/ml
Morphine	1.261	34132	236.00	20.1	180.26	11884	51.0481 ng/ml
Norbuprenorphine	5.006	1993	2492.81	95.6	4241.53	17460	5.1301 ng/ml
Nordiazepam	5.906	284027	1469.55	59.0	1620.73	197180	51.1378 ng/ml
Norfentanyl	4.099	106024	492.96	35.6	70.27	994244	4.5674 ng/ml
Norhydrocodone	3.086	32614	435.41	38.8	62.66	60170	47.4241 ng/ml
Noroxycodone	2.930	212361	270.27	48.2	4166.47	140490	51.2406 ng/ml
O-desmethyl-tramadol	3.389	1020960	1027.50	5.6	4008.87	1210920	48.5696 ng/ml
Oxazepam	5.763	447586	3250.82	73.5	4817.19	359787	51.2654 ng/ml
Oxycodone	2.854	417356	2661.68	29.8	4780.31	348487	50.1883 ng/ml
Oxymorphone	1.418	176108	2294.80	46.2	708.16	119242	48.7443 ng/ml
Phentermine	3.797	285396	1786.91	5.6	353.48	672357	53.8263 ng/ml
Promethazine	5.552	1121708	1293.03	30.4	∞	1016974	47.2855 ng/ml
Pseudoephedrine	2.603	1212168	1113.70	17.0	10899.23	1225263	47.8926 ng/ml
Quetiapine	5.541	630987	26613.27	59.9	18814.40	197441	54.0283 ng/ml
Sertraline	5.796	282482	756.21	94.2	1007.39	251926	47.2892 ng/ml
Temazepam	5.823	768381	9602.64	27.4	510.70	765370	49.3590 ng/ml
Tramadol	4.259	1121798	1026.31	3.2	133.50	1163677	50.3531 ng/ml
Trazodone	5.101	730541	1078.94	78.4	35375.11	593418	45.2582 ng/ml
Venlafaxine	5.050	938008	1483.53	34.0	438.59	1078483	47.6321 ng/ml
Zolpidem	4.874	1050298	3904.00	30.5	1232.26	930702	51.0334 ng/ml

AM #28 Multi-Drug Quant. Results

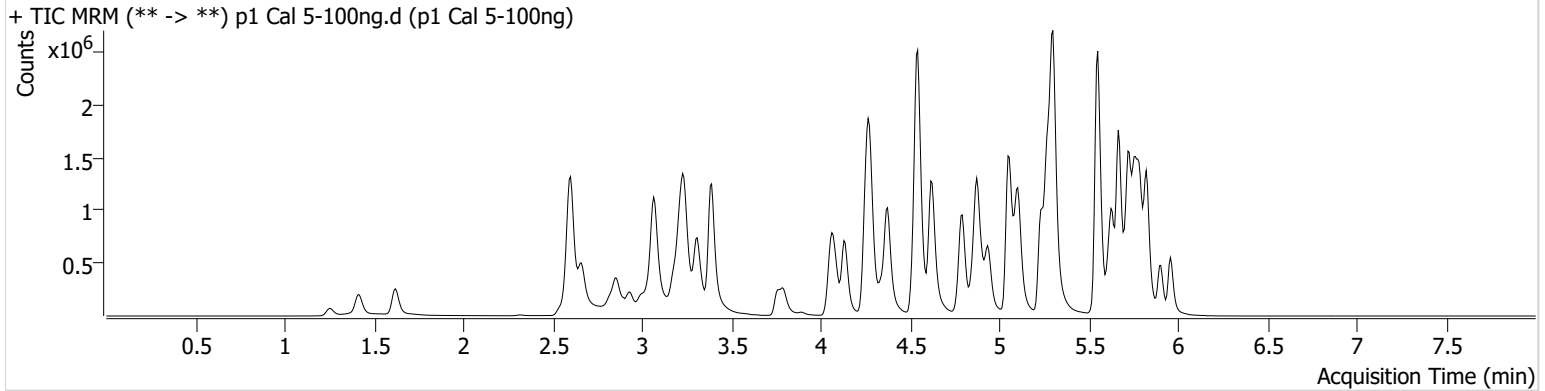
TS



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Calibration Last Update 1/27/2022 7:56:36 AM

Instrument	Falco (069901)	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-D12	Comment	
Injection Volume	2		
Acq. Date-Time	1/19/2022 2:40:34 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	22569	42126.23	70.4	748.47	63397	9.8044 ng/ml
7-aminoclonazepam	4.265	367504	219.47	79.8	165.59	143209	104.9909 ng/ml
a-hydroxyalprazolam	5.699	169040	1018.77	67.2	331.99	238441	101.8188 ng/ml
alpha-PHP	4.944	366571	23677.09	262.0	46317.62	585882	99.3079 ng/ml
alpha-PVP	4.376	1336138	37810.33	51.9	1599.82	585882	98.0634 ng/ml
Alprazolam	5.782	645205	∞	112.1	7375.76	238441	99.0128 ng/ml
Amphetamine	3.069	2289589	29322.18	48.0	321.41	338756	103.8085 ng/ml
Benzoylecgonine	3.892	24809	346.93	8.2	4613.66	8391	98.0484 ng/ml
Buprenorphine	5.744	31876	25219.85	14.9	14433.42	109981	9.4322 ng/ml
Bupropion	4.795	1384466	∞	64.0	10870.05	510342	99.3168 ng/ml
Carisoprodol	5.730	584335	23706.17	55.9	56023.65	268458	88.5988 ng/ml
Citalopram	5.232	1072390	24854.74	37.9	2150.47	482210	97.5863 ng/ml
Clonazepam	5.618	696334	1668.09	35.3	38283.34	97186	108.1355 ng/ml
Clonazolam	5.555	437026	24585.93	35.7	401491.53	97186	108.8744 ng/ml
Cocaine	4.277	876959	1047.16	55.6	904.66	798590	97.8675 ng/ml
Codeine	2.600	120843	3329.75	102.2	126.48	61389	108.1268 ng/ml
Cyclobenzaprine	5.635	1011656	61964.98	7.9	1226.43	430141	93.9442 ng/ml
Dextromethorphan	5.282	663172	47198.11	79.1	39947.49	334449	97.0534 ng/ml
Dextrophan	4.139	386651	422.70	212.1	41189.09	463324	97.1681 ng/ml
Diazepam	5.960	466601	526.20	91.2	470.34	231441	100.4285 ng/ml
Dihydrocodeine	2.572	297319	128.43	59.4	226.52	191176	106.0944 ng/ml
Diphenhydramine	5.303	2998483	975.87	31.3	522.77	1647690	97.6479 ng/ml
Doxylamine	4.543	3138674	19037.67	98.2	190876.14	1361268	101.7652 ng/ml
EDDP	5.268	1241735	469.28	41.5	9436.77	694936	98.6652 ng/ml
Etizolam	5.820	270701	7927.48	26.5	140079.83	97186	91.7939 ng/ml
Fentanyl	5.103	92512	771.58	75.0	6203.71	574959	9.7501 ng/ml
Flualprazolam	5.712	257656	3572.02	99.9	7808.32	238441	104.6505 ng/ml
Fluoxetine	5.727	1065927	88481.25	8.8	5576.19	399638	95.8970 ng/ml
Hydrocodone	3.039	444625	3031.24	34.2	147.13	258766	102.4923 ng/ml
Hydromorphone	1.621	408621	2172.04	74.9	1046122.71	133352	102.0017 ng/ml
Ketamine	4.059	879438	28685.80	38.4	7059.75	416514	101.7170 ng/ml
Lamotrigine	4.294	85251	607.59	84.5	603.59	416514	101.3943 ng/ml
Levetiracetam	2.663	434265	10933.76	140.1	6171.67	1158767	99.0802 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	491218	19918.60	51.7	635.89	97186	95.8113 ng/ml
MDA	3.216	1435948	2867.02	28.8	2494.82	490610	102.7740 ng/ml
MDMA	3.310	883192	5148.14	93.4	3399.26	108980	98.4266 ng/ml
Meprobamate	4.911	407766	23633.09	25.0	6268.35	219095	104.1485 ng/ml
Methadone	5.666	1774399	55649.18	53.6	785.16	770510	92.5610 ng/ml
Methamphetamine	3.238	1897143	1153.60	39.3	2045.78	799545	105.5801 ng/ml
Metoprolol	4.340	243687	489948.99	95.2	3527.13	1123909	103.8000 ng/ml
Mirtazapine	4.624	2177467	2289.39	46.9	1604.34	585882	106.8375 ng/ml
Mitragynine	5.230	376514	577553.74	35.5	1960.80	770510	96.3090 ng/ml
Morphine	1.253	68421	845.32	19.6	1536.05	11895	101.8960 ng/ml
Norbuprenorphine	5.006	3513	293.83	94.5	1032.59	16128	9.9697 ng/ml
Nordiazepam	5.906	492819	7403.37	58.9	1119.64	171505	102.3967 ng/ml
Norfentanyl	4.099	210160	719.19	35.0	1094.66	957086	9.3487 ng/ml
Norhydrocodone	3.086	59086	213.92	40.0	235.95	53025	96.6985 ng/ml
Noroxycodone	2.930	394205	4418.33	48.9	8566.48	134798	99.4386 ng/ml
O-desmethyl-tramadol	3.389	2002899	∞	5.8	11878.98	1190297	96.7645 ng/ml
Oxazepam	5.763	746679	9479.64	71.9	2821.80	297995	103.6552 ng/ml
Oxycodone	2.854	859649	4727.85	29.5	800.50	357720	100.8865 ng/ml
Oxymorphone	1.411	392561	∞	44.1	∞	120985	107.7536 ng/ml
Phentermine	3.797	538701	∞	5.6	604.13	660710	104.0974 ng/ml
Promethazine	5.552	2001997	1785.25	29.8	579.59	884823	96.6324 ng/ml
Pseudoephedrine	2.603	2375980	42776.81	16.9	24212.46	1158767	98.8039 ng/ml
Quetiapine	5.541	1280263	18455.53	61.1	458.60	208385	104.9121 ng/ml
Sertraline	5.796	426407	2122.12	94.3	40175.05	189968	93.5022 ng/ml
Temazepam	5.823	1306194	19813.93	27.1	2231.18	655871	97.5376 ng/ml
Tramadol	4.259	2147911	18796.19	3.2	665.25	1123909	100.2730 ng/ml
Trazodone	5.101	1365185	41872.09	77.0	97955.76	534204	93.1104 ng/ml
Venlafaxine	5.050	1811667	1565.00	33.9	7566.58	1022309	96.7937 ng/ml
Zolpidem	4.874	2058265	112048.02	29.8	11484.31	914839	101.9776 ng/ml

AM #28 Multi-Drug Quant. Results

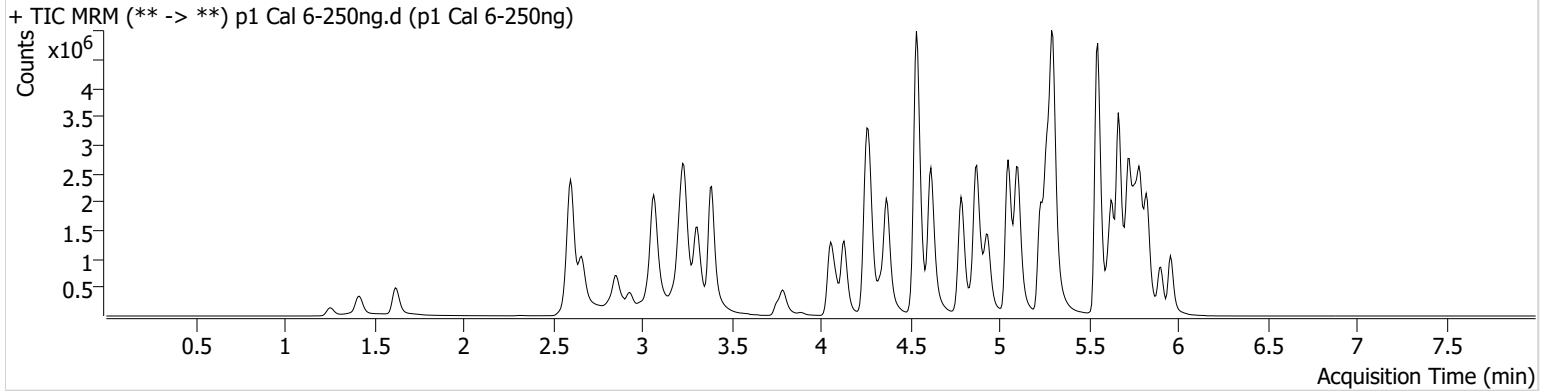
TS



Batch results D:\MassHunter\Data\2022\AM 27-28\01192022 AM 28 TS\QuantResults\AM 28 P1 TS.batch.bin
Calibration Last Update 1/27/2022 7:56:36 AM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-C12	Comment	
Injection Volume	2		
Acq. Date-Time	1/19/2022 2:51:10 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	51931	2119.81	70.8	1120.25	57061	25.0226 ng/ml
7-aminoclonazepam	4.265	676753	256.34	79.2	12458.42	113560	244.9852 ng/ml
a-hydroxyalprazolam	5.699	293155	913.39	68.6	677.66	192915	219.2710 ng/ml
alpha-PHP	4.937	848543	873.28	261.8	127486.32	534064	252.1345 ng/ml
alpha-PVP	4.370	3105322	125410.31	51.7	78931.27	534064	249.8692 ng/ml
Alprazolam	5.782	1356903	3593.58	109.1	2130.91	192915	257.0427 ng/ml
Amphetamine	3.069	4623946	1169.54	48.1	763.69	303413	234.9911 ng/ml
Benzoylecgonine	3.892	43364	1091.65	7.9	∞	5601	257.7232 ng/ml
Buprenorphine	5.744	71157	9948.73	15.1	29355.71	92564	24.9944 ng/ml
Bupropion	4.788	3286140	112907.01	63.0	27303.12	475273	253.2823 ng/ml
Carisoprodol	5.730	1103133	117933.27	53.3	342.09	189932	233.8389 ng/ml
Citalopram	5.232	2375171	78573.40	38.0	112878.47	412292	252.2908 ng/ml
Clonazepam	5.612	1374501	69797.52	34.8	26784.99	81214	256.7301 ng/ml
Clonazepam	5.562	785825	6200.97	37.2	13101.92	81214	236.4695 ng/ml
Cocaine	4.271	1917132	129378.93	55.0	25594.03	674268	253.5270 ng/ml
Codeine	2.600	237174	5712.05	100.8	133.36	52398	249.5714 ng/ml
Cyclobenzaprine	5.635	2545781	41175.56	7.4	482.53	402148	251.6974 ng/ml
Dextromethorphan	5.275	1481741	44165.57	78.5	51604.44	286368	253.3595 ng/ml
Dextrophan	4.132	874378	204696.94	217.2	911.82	410917	247.3251 ng/ml
Diazepam	5.960	1049910	8132.14	92.2	∞	208715	250.8835 ng/ml
Dihydrocodeine	2.572	657507	596.84	60.0	6644.29	172261	261.4734 ng/ml
Diphenhydramine	5.303	6922155	129577.19	30.8	327721.07	1455143	254.7601 ng/ml
Doxylamine	4.536	6574496	358996.02	98.3	8758.29	1116017	259.7713 ng/ml
EDDP	5.268	2721583	179554.95	41.5	1095.56	598981	250.6583 ng/ml
Etizolam	5.820	608112	6270.20	25.7	314981.81	81214	245.6761 ng/ml
Fentanyl	5.095	225909	1276.53	75.3	249363.51	542040	25.2335 ng/ml
Flualprazolam	5.712	521559	25159.31	100.5	458.43	192915	262.5847 ng/ml
Fluoxetine	5.727	2517744	92524.33	8.6	265696.13	361615	249.8215 ng/ml
Hydrocodone	3.032	970411	734.60	34.1	1020.66	234795	247.5173 ng/ml
Hydromorphone	1.621	915492	5564600.16	74.0	1741459.97	122087	249.1665 ng/ml
Ketamine	4.059	2011197	2449.50	38.2	3658.03	386343	251.3619 ng/ml
Lamotrigine	4.287	175117	1588.55	86.2	18239.82	386343	225.1731 ng/ml
Levetiracetam	2.663	969156	17726.56	141.6	417.77	1021548	250.9591 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	660019	10524.10	51.3	1460.49	81214	155.4920 ng/ml
MDA	3.216	2753091	7719.68	28.4	1550.90	400988	242.2191 ng/ml
MDMA	3.310	2001571	20309.30	92.8	5805.56	96440	252.2156 ng/ml
Meprobamate	4.911	793500	321.49	25.4	352.43	184626	242.1248 ng/ml
Methadone	5.666	4316315	433218.52	51.9	1264.57	700382	245.4588 ng/ml
Methamphetamine	3.238	4382752	1316.36	38.1	47382.30	757948	258.5539 ng/ml
Metoprolol	4.333	538049	754787.92	96.1	13346.44	971380	266.3517 ng/ml
Mirtazapine	4.617	4543902	103662.44	46.2	2771.20	534064	244.2879 ng/ml
Mitragynine	5.230	875777	6814.10	35.5	29518.83	700382	245.8122 ng/ml
Morphine	1.261	151760	322.01	19.5	292.89	10396	258.0953 ng/ml
Norbuprenorphine	4.999	8860	64614.52	95.5	149.26	16098	25.5025 ng/ml
Nordiazepam	5.906	1021301	1881.42	58.1	18547.60	141755	257.3191 ng/ml
Norfentanyl	4.093	490122	265.23	35.6	881.13	837359	24.8311 ng/ml
Norhydrocodone	3.086	131565	1016.05	40.2	325.27	43830	259.2091 ng/ml
Noroxycodone	2.930	816286	4077.98	47.7	538.29	109306	254.4378 ng/ml
O-desmethyl-tramadol	3.389	4638162	90492.68	5.6	29099.43	1061992	250.8812 ng/ml
Oxazepam	5.763	1157075	12734.69	72.2	12064.56	190810	251.4148 ng/ml
Oxycodone	2.854	1886720	18997.58	29.5	2055.11	313833	252.6525 ng/ml
Oxymorphone	1.418	765062	∞	48.1	591.19	103335	246.5798 ng/ml
Phentermine	3.790	1132944	∞	5.5	3668.48	606148	239.6255 ng/ml
Promethazine	5.552	4953622	1933.98	29.8	55151.41	842352	250.6003 ng/ml
Pseudoephedrine	2.603	5301036	154210.49	16.8	33428.27	1021548	249.3982 ng/ml
Quetiapine	5.541	2471104	23518.76	61.3	∞	174320	243.5514 ng/ml
Sertraline	5.796	1089336	42212.68	91.5	81650.91	187953	239.5928 ng/ml
Temazepam	5.830	2419382	71703.89	26.8	569.15	481007	245.7548 ng/ml
Tramadol	4.252	4840501	∞	3.2	442.28	971380	262.1935 ng/ml
Trazodone	5.101	3285185	8549.56	78.7	1732.00	490818	242.6031 ng/ml
Venlafaxine	5.050	4292224	163298.29	33.2	8939.96	921317	254.0579 ng/ml
Zolpidem	4.874	4822548	1599.86	28.8	873.28	851961	256.9256 ng/ml

AM #28 Multi-Drug Quant. Results

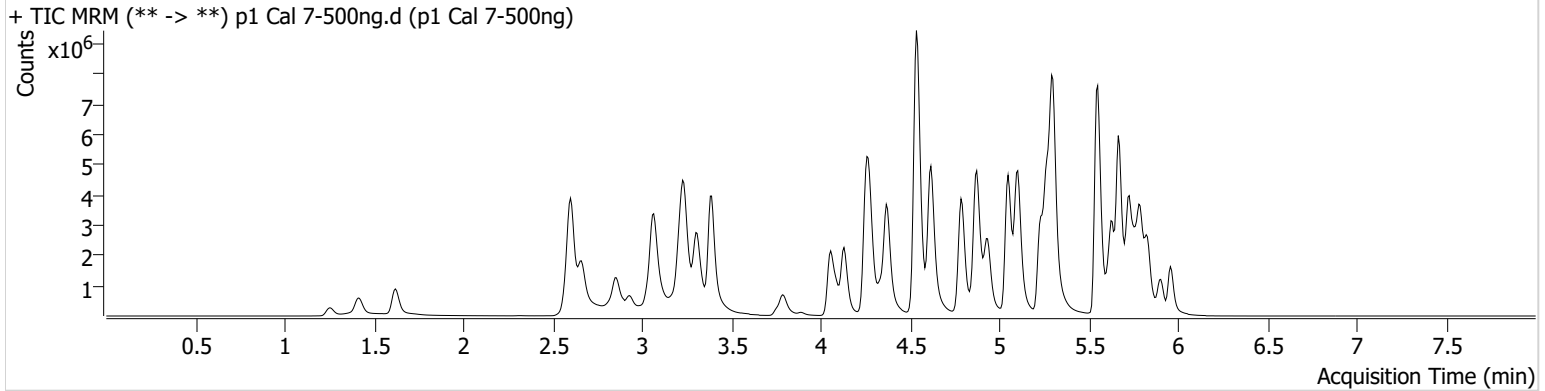
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Calibration Last Update 1/27/2022 7:56:36 AM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-B12	Comment	
Injection Volume	2		
Acq. Date-Time	1/19/2022 3:01:47 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	104087	885.87	69.0	1635.00	55109	51.9006 ng/ml
7-aminoclonazepam	4.265	961369	3833.49	80.1	12797.56	93917	421.4380 ng/ml
a-hydroxyalprazolam	5.699	361802	359.78	68.6	911.93	155396	336.4303 ng/ml
alpha-PHP	4.937	1573866	79899.99	265.7	161855.37	498106	501.3840 ng/ml
alpha-PVP	4.370	5974086	1003715.49	51.8	105722.36	498106	515.3011 ng/ml
Alprazolam	5.782	2173826	∞	106.9	1285.51	155396	511.0156 ng/ml
Amphetamine	3.069	7776892	584.13	47.3	55260.20	290336	413.5846 ng/ml
Benzoylecgonine	3.892	91210	3607.84	7.6	532.10	5945	511.3205 ng/ml
Buprenorphine	5.744	131924	791500.26	15.0	33115.73	80514	53.2593 ng/ml
Bupropion	4.788	6379338	274905.97	62.6	3766.30	463479	504.3023 ng/ml
Carisoprodol	5.737	1445042	4870.82	52.9	988.26	118617	488.7848 ng/ml
Citalopram	5.232	4097873	∞	37.5	130253.85	350093	512.2837 ng/ml
Clonazepam	5.612	1881970	40528.41	34.6	35714.05	62221	459.5727 ng/ml
Clonazepam	5.562	1039489	1745.04	37.5	20034.35	62221	409.6762 ng/ml
Cocaine	4.271	3415545	51339.80	54.8	1746.74	605453	503.0988 ng/ml
Codeine	2.593	402639	13185.35	98.2	5572.48	47118	471.8065 ng/ml
Cyclobenzaprine	5.635	4567089	4717.57	7.2	419.28	339251	534.4811 ng/ml
Dextromethorphan	5.275	2431014	50930.11	78.6	32358.01	236227	503.9651 ng/ml
Dextrophan	4.132	1644643	3070.15	214.6	278157.27	372843	512.4047 ng/ml
Diazepam	5.960	1788832	∞	90.9	∞	180664	494.0176 ng/ml
Dihydrocodeine	2.572	1206031	18115.44	62.1	13284.35	171470	482.4491 ng/ml
Diphenhydramine	5.303	12179955	134806.87	31.3	75752.19	1254908	519.4735 ng/ml
Doxylamine	4.536	13032589	5317.10	97.5	18848.92	1101247	521.6956 ng/ml
EDDP	5.268	5013400	88388.38	41.2	261430.93	545627	506.7300 ng/ml
Etizolam	5.820	1027660	11241.06	26.1	13829.61	62221	541.1337 ng/ml
Fentanyl	5.095	435188	15522.28	73.6	1728109.76	503806	52.2837 ng/ml
Flualprazolam	5.712	784637	1517.52	106.3	124647.10	155396	490.8461 ng/ml
Fluoxetine	5.727	4128158	101161.00	8.4	23083.45	281434	525.9643 ng/ml
Hydrocodone	3.032	1775210	348.16	33.7	3021.46	224973	473.1991 ng/ml
Hydromorphone	1.621	1748602	11032752.78	75.1	1356996.12	116832	497.0120 ng/ml
Ketamine	4.059	3849755	126621.03	37.1	18924.80	378603	491.3593 ng/ml
Lamotrigine	4.294	287439	1896.50	85.5	30410.76	378603	377.5088 ng/ml
Levetiracetam	2.663	1692930	12417.22	143.7	42672.29	924290	484.5890 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	696963	68950.49	51.2	2361.27	62221	215.2140 ng/ml
MDA	3.209	4226603	35275.44	28.1	5685.67	338058	441.7730 ng/ml
MDMA	3.310	3734419	19582.54	92.9	21752.43	88888	510.6467 ng/ml
Meprobamate	4.911	1216129	29392.01	24.4	1065.54	144021	476.8966 ng/ml
Methadone	5.666	7968219	3178.64	51.2	47358.79	623283	507.7470 ng/ml
Methamphetamine	3.238	8267637	870.15	37.4	58167.33	773815	478.4782 ng/ml
Metoprolol	4.340	926723	28571.49	98.9	7031.78	940729	474.2960 ng/ml
Mirtazapine	4.617	8862536	4703.95	45.1	3052.17	498106	510.6154 ng/ml
Mitragynine	5.223	1574764	2696.18	35.5	1918.46	623283	496.2636 ng/ml
Morphine	1.253	299956	182.89	19.3	136.47	10940	484.4869 ng/ml
Norbuprenorphine	4.999	16911	54237.65	101.2	22036.66	15695	50.1202 ng/ml
Nordiazepam	5.906	1557238	144441.64	58.1	6349.55	110771	502.4597 ng/ml
Norfentanyl	4.093	959071	95259.84	36.2	9828.82	767467	52.9540 ng/ml
Norhydrocodone	3.086	259895	333.40	40.3	703.51	38840	576.9016 ng/ml
Noroxycodone	2.930	1317116	9190.26	49.3	3660.26	91958	488.2982 ng/ml
O-desmethyl-tramadol	3.389	9136897	35539.68	5.5	19722.39	1018524	515.1336 ng/ml
Oxazepam	5.763	1193146	10860.81	72.7	7046.79	103680	477.4750 ng/ml
Oxycodone	2.854	3609413	∞	29.5	∞	308514	491.8426 ng/ml
Oxymorphone	1.411	1441712	277.87	48.7	∞	92743	518.3394 ng/ml
Phentermine	3.790	1984551	∞	5.5	1727.99	595018	428.1993 ng/ml
Promethazine	5.552	9138643	1180814.33	28.9	2400.63	730790	532.5021 ng/ml
Pseudoephedrine	2.603	9801658	121153.32	16.5	113491.00	924290	509.2169 ng/ml
Quetiapine	5.541	4060772	528.80	61.8	88432.07	170606	409.7109 ng/ml
Sertraline	5.796	1757053	308263.98	91.1	57350.51	146498	494.5665 ng/ml
Temazepam	5.830	3274040	29037.48	26.0	922.39	324320	492.8541 ng/ml
Tramadol	4.252	8934502	2023.55	3.1	1120.61	940729	500.1357 ng/ml
Trazodone	5.101	6388821	68327.97	78.6	1763.50	432618	534.3284 ng/ml
Venlafaxine	5.050	8284597	2104.63	32.4	1717.90	861877	523.9219 ng/ml
Zolpidem	4.874	9373043	470167.10	27.8	5277.61	853051	498.9403 ng/ml

TS

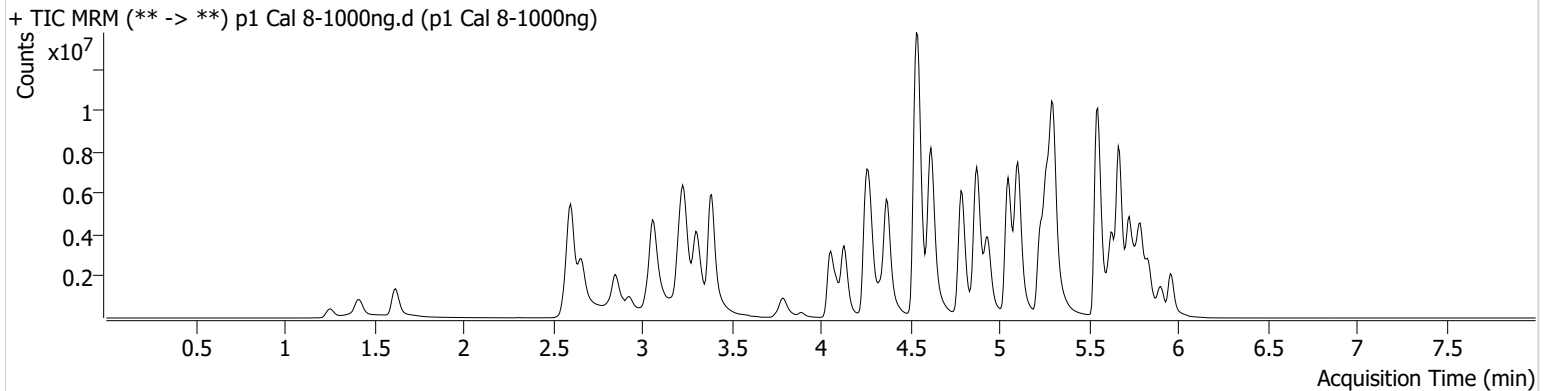


AM #28 Multi-Drug Quant. Results

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Calibration Last Update 1/27/2022 7:56:36 AM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-A12	Comment	
Injection Volume	2		
Acq. Date-Time	1/19/2022 3:12:24 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	179759	2136.36	70.0	1599.06	47610	103.7225 ng/ml
7-aminoclonazepam	4.265	1041974	6786.88	87.0	2331.60	73396	584.8292 ng/ml
a-hydroxyalprazolam	5.692	405418	482.78	68.1	477.80	111715	524.8912 ng/ml
alpha-PHP	4.937	2531314	46312.94	267.3	11404.33	409722	980.3192 ng/ml
alpha-PVP	4.376	9829148	1106355.78	52.4	208492.89	409722	1030.6134 ng/ml
Alprazolam	5.782	3076220	520.06	105.3	496.02	111715	1005.7037 ng/ml
Amphetamine	3.063	11324117	252.32	47.3	251.77	244599	715.3758 ng/ml
Benzoylcegonine	3.892	230679	13770.33	8.1	277523.24	7824	983.2014 ng/ml
Buprenorphine	5.751	217844	33085.58	14.7	49580.50	61379	115.3477 ng/ml
Bupropion	4.788	10680188	135535.79	62.0	49968.60	398054	983.1587 ng/ml
Carisoprodol	5.737	1634550	6151.46	53.9	1043.99	62827	1042.0937 ng/ml
Citalopram	5.232	5791728	99224.90	37.5	35431.08	243426	1040.9774 ng/ml
Clonazepam	5.612	2142692	17812.51	35.1	38568.11	40598	802.6371 ng/ml
Clonazepam	5.569	1135214	6836.57	38.2	7872.92	40598	686.9816 ng/ml
Cocaine	4.271	5336247	3260.88	54.1	9336.08	464557	1024.4860 ng/ml
Codeine	2.593	591657	5000.39	97.2	14938.41	37687	867.3912 ng/ml
Cyclobenzaprine	5.635	6577362	4080.41	7.1	729.96	235210	1109.4815 ng/ml
Dextromethorphan	5.275	3282923	169302.45	78.3	65882.90	156152	1029.6356 ng/ml
Dextrophan	4.132	2701738	4498.97	221.3	161960.60	300364	1044.5781 ng/ml
Diazepam	5.960	2595411	9377.08	91.9	∞	131528	984.7361 ng/ml
Dihydrocodeine	2.565	1935789	21739.22	63.1	7691.77	165047	805.0067 ng/ml
Diphenhydramine	5.303	17647985	94121.26	32.5	54692.26	921733	1024.4567 ng/ml
Doxylamine	4.536	21925007	16855.99	98.2	16704.35	1051063	919.4479 ng/ml
EDDP	5.268	8552032	136819.68	39.9	78002.98	445083	1059.4987 ng/ml
Etizolam	5.826	1476475	4233.06	26.2	884.14	40598	1190.7795 ng/ml
Fentanyl	5.095	688255	5251.69	75.5	1925.44	400876	103.9047 ng/ml
Flualprazolam	5.712	995275	24116.65	109.4	21510.45	111715	866.4446 ng/ml
Fluoxetine	5.727	5249536	323027.34	8.3	141136.45	176104	1068.5555 ng/ml
Hydrocodone	3.032	2984405	271.71	33.9	746.71	196232	912.6874 ng/ml
Hydromorphone	1.621	2982375	8878591.22	75.4	1025.65	100712	983.0696 ng/ml
Ketamine	4.059	6483226	243258.28	37.0	37625.86	327304	957.5461 ng/ml
Lamotrigine	4.294	375873	5176.21	88.2	32455.05	327304	571.2931 ng/ml
Levetiracetam	2.663	2593282	5372.75	145.4	31426.85	705133	973.1111 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	690219	31184.78	50.1	356.96	40598	327.8740 ng/ml
MDA	3.209	5352171	15542.19	27.7	922.11	229249	825.6694 ng/ml
MDMA	3.310	6014971	19875.03	94.3	9150.93	72201	1012.6854 ng/ml
Meprobamate	4.911	1505667	299.87	24.6	749.68	91678	928.7100 ng/ml
Methadone	5.666	12117137	251177.04	51.8	69657.53	476610	1008.4127 ng/ml
Methamphetamine	3.238	13303567	129039.85	36.8	5939.68	715085	833.8097 ng/ml
Metoprolol	4.340	1348226	160970.90	97.4	9731.08	776105	836.9635 ng/ml
Mirtazapine	4.617	15449407	665465.15	45.3	95740.75	409722	1081.8785 ng/ml
Mitragynine	5.223	2460181	161804.30	36.1	45011.37	476610	1013.4546 ng/ml
Morphine	1.253	509491	274.15	19.3	4549.19	9432	954.1367 ng/ml
Norbuprenorphine	5.006	29914	23907.58	95.4	3631.28	14133	98.6502 ng/ml
Nordiazepam	5.906	1906898	1849.99	58.4	1241.73	76851	887.1532 ng/ml
Norfentanyl	4.093	1659417	396.93	36.7	13367.03	604782	116.2053 ng/ml
Norhydrocodone	3.080	456751	∞	41.2	913.63	32555	1208.7710 ng/ml
Noroxycodone	2.930	1972334	2515.88	49.7	14570.77	70546	953.4533 ng/ml
O-desmethyl-tramadol	3.389	15583244	209403.45	5.6	15828.10	853857	1047.8339 ng/ml
Oxazepam	5.756	1089732	26756.59	72.6	3698.33	47590	950.4681 ng/ml
Oxycodone	2.848	6415074	83703.25	29.7	688.75	273289	987.0142 ng/ml
Oxymorphone	1.411	2403054	∞	46.0	∞	88627	904.5045 ng/ml
Phentermine	3.790	3043518	∞	5.5	3079.95	527777	740.9122 ng/ml
Promethazine	5.552	13533374	111155.35	28.8	3286.29	540965	1064.9445 ng/ml
Pseudoephedrine	2.603	15958728	138738.94	16.2	53714.41	705133	1086.2892 ng/ml
Quetiapine	5.541	6140901	3788.01	61.6	838.41	160304	660.0940 ng/ml
Sertraline	5.796	2243056	41544.86	89.3	46980.44	90117	1025.1233 ng/ml
Temazepam	5.837	3715540	79162.63	26.5	19377.44	178755	1014.3760 ng/ml
Tramadol	4.252	13749752	1385.53	3.1	516.61	776105	933.3420 ng/ml
Trazodone	5.101	10506765	465444.59	78.3	263725.63	317843	1195.0804 ng/ml
Venlafaxine	5.050	13420954	74197.90	32.5	12893.13	693601	1054.4120 ng/ml
Zolpidem	4.874	15258739	300337.42	28.0	152141.39	743476	932.1588 ng/ml