

TS

Worklist: 5206

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-3228	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-3665	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2296	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2417	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2578	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2685	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2696	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2707	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2721	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2722	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2761	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2783	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2790	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2791	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2792	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2793	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2794	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2795	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2796	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2807	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2808	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 5206

TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2021-2827	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: 09/01/2021

Analyst: Tamara Salazar

Plate lot#: IDP-121 Lot #:210610

Plate Re-test Date: 12/10/2021

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20724

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

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

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

Alprazolam used as a surrogate internal standard for alpha-hydroxyalprazolam. Alpha-hydroxyalprazolam reported qualitatively only.

TS

Curves limited:

alpha-hydroxyalprazolam: 5-250 (cal 7 & 8 dropped due to accuracy--qualitative only)

alpha-PPH: 5-500 (cal 8 dropped due to accuracy)

Codeine: 5-500 (cal 8 dropped due to accuracy)

Dihydrocodeine- 5-500 (cal 8 dropped due to accuracy)

Lamotrigine: 5-500 (cal 8 dropped due to accuracy)

Lorazepam: 5-100 (cal 6,7, & 8 dropped due to accuracy)

Meprobamate: 5-250 (Cal 7 & 8 dropped due to accuracy)

Norbuprenorphine: 2.5-100 (cal 1 and 2 dropped due to ratio of QC 10 being out)

Norhydrocodone: 5-250 (Cal 7 & 8 dropped due to accuracy)

Amphetamine: QC 10 and QC 100 accuracy out--compound reported qualitatively

TS

	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	P2021-2795-1	P2021-2722-1	M2021-3665-2	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	P2021-2794-1	P2021-2721-1	M2021-3228-1	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	P2021-2793-1	P2021-2707-2	Neg	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	P2021-2792-1	P2021-2696-1	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	P2021-2827-1	P2021-2791-1	P2021-2685-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6	IS + Sample	IS + Sample	P2021-2808-1	P2021-2790-1	P2021-2578-1	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7	IS + Sample	IS + Sample	P2021-2807-1	P2021-2783-1	P2021-2417-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8	IS + Sample	IS + Sample	P2021-2796-1	P2021-2761-1	P2021-2296-1	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

TS

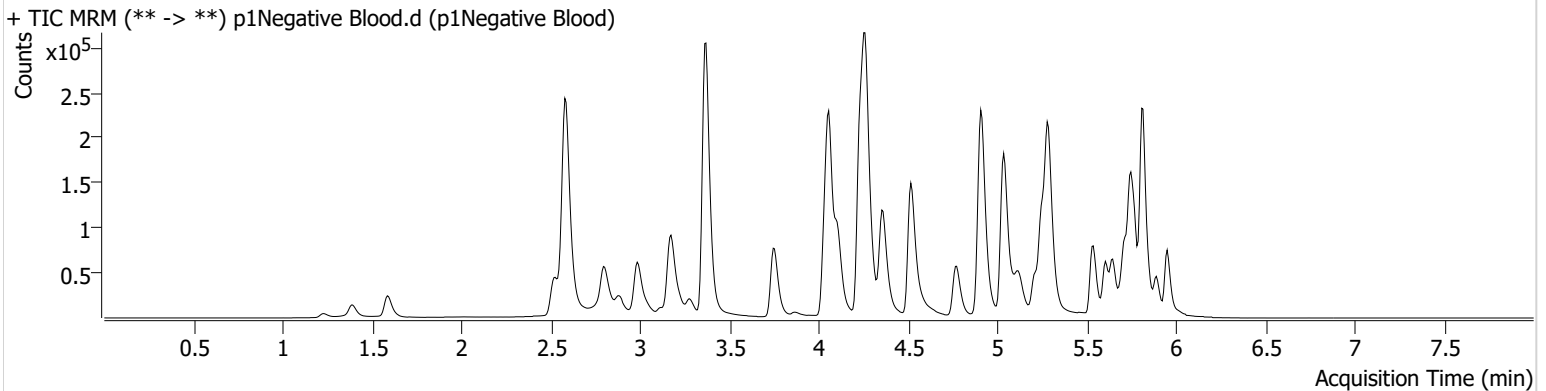


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 9/9/2021 9:05:29 AM

Instrument	Falco (069901)	Data File	p1Negative Blood.d
Type	Sample	Sample	p1Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	9/1/2021 4:16:30 PM		
Sample Info.			

Sample Chromatogram



AM #28 Multi-Drug Quant. Results

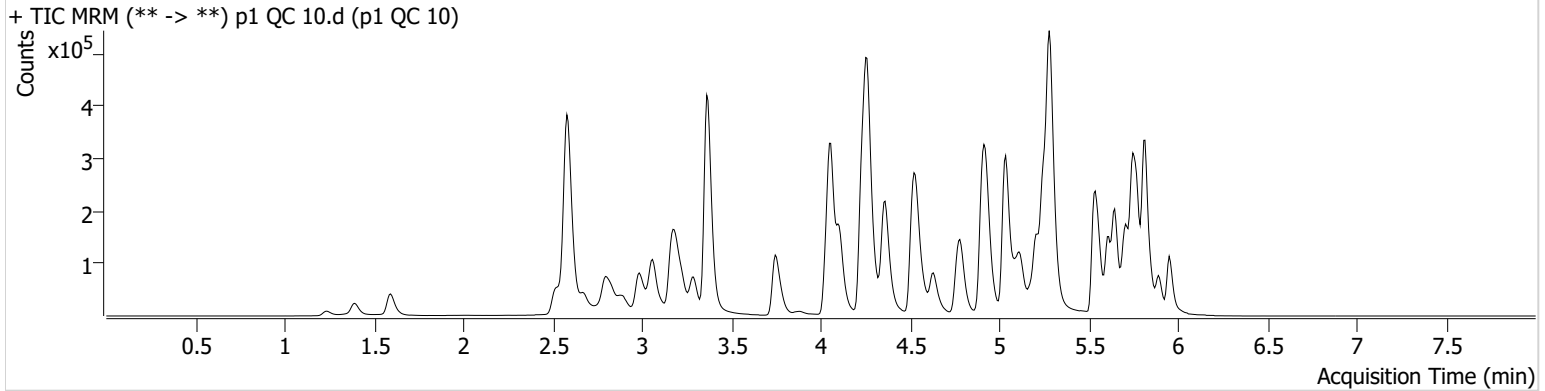
TS



Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 9/9/2021 9:05:29 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	9/1/2021 2:51:36 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	1782	137.86	74.0	4004.54	21658	1.1050 ng/ml
7-aminoclonazepam	4.271	22690	766.38	80.1	1302.19	87538	11.3772 ng/ml
a-hydroxyalprazolam	5.692	20781	259.88	63.8	318.03	100184	10.6333 ng/ml
alpha-PHP	4.937	32190	1213.91	279.1	10214.61	464926	11.1985 ng/ml
alpha-PVP	4.370	123406	2840.95	49.4	207.71	464926	10.5847 ng/ml
Alprazolam	5.775	56418	387.40	106.2	300.14	100184	11.1164 ng/ml
Amphetamine	3.063	206134	971.20	50.9	203.09	79303	13.9092 ng/ml
Benzoylcegonine	3.892	2772	819.22	6.6	45.54	9269	11.8456 ng/ml
Buprenorphine	5.873	2188	67.04	13.0	444.14	60379	1.0189 ng/ml
Bupropion	4.788	127034	10608.22	58.9	1408.09	303334	10.9386 ng/ml
Carisoprodol	5.724	31586	35914.34	52.4	25.83	145264	10.7502 ng/ml
Citalopram	5.212	68730	∞	42.4	83414.51	285191	10.7031 ng/ml
Clonazepam	5.612	87662	2848.56	31.8	3396.63	66972	11.4383 ng/ml
Clonazepam	5.549	28528	57676.21	36.7	17770.70	66972	11.1384 ng/ml
Cocaine	4.264	114522	4135.12	47.4	395.84	748992	10.6464 ng/ml
Codeine	2.573	11337	4440.33	107.8	464.83	38852	12.1534 ng/ml
Cyclobenzaprine	5.615	35013	1443.85	10.4	339.34	92378	11.5707 ng/ml
Dextromethorphan	5.255	33734	∞	76.5	1513.96	136553	11.1678 ng/ml
Dextrophan	4.105	21629	102.95	204.9	3393.70	288735	11.1807 ng/ml
Diazepam	5.960	40851	966.12	87.2	1834.69	175440	11.0919 ng/ml
Dihydrocodeine	2.552	29834	370.09	62.0	758.83	137784	10.8282 ng/ml
Diphenhydramine	5.289	122613	453.01	33.0	2704.22	1141551	10.6085 ng/ml
Doxylamine	4.536	202206	929.10	99.3	444.81	682230	10.7963 ng/ml
EDDP	5.254	77390	2788.07	43.2	521.07	435270	10.7206 ng/ml
Etizolam	5.813	38269	32385.76	27.4	1740.67	66972	10.5400 ng/ml
Fentanyl	5.109	3529	1622.77	55.1	24.80	167469	1.1308 ng/ml
Flualprazolam	5.705	10155	463.53	107.6	2009.09	100184	10.8104 ng/ml
Fluoxetine	5.707	38096	1246.20	8.7	5388.80	144808	11.2533 ng/ml
Hydrocodone	3.012	30100	59.26	37.8	122.78	178498	11.2391 ng/ml
Hydromorphone	1.601	31930	2417.99	74.0	3767.63	90502	11.1240 ng/ml
Ketamine	4.051	93954	3838.71	41.8	472.71	377648	10.9421 ng/ml
Lamotrigine	4.280	6600	457.25	83.8	2103.96	377648	11.3725 ng/ml
Levetiracetam	2.676	28684	573.24	162.2	677.77	999175	9.5488 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	96026	2533.14	52.6	317.15	66972	11.6940 ng/ml
MDA	3.196	123904	2006.46	13.6	358.47	138272	11.4293 ng/ml
MDMA	3.290	98415	1061.65	47.8	635.58	64526	10.9099 ng/ml
Meprobamate	4.917	10666	743.60	24.7	58.81	42755	11.1048 ng/ml
Methadone	5.646	87630	2017.76	46.0	1532.29	293793	10.8467 ng/ml
Methamphetamine	3.231	66710	695.81	43.3	1357.12	336478	11.0899 ng/ml
Metoprolol	4.326	15678	19383.09	93.1	1030.80	766915	11.3925 ng/ml
Mirtazapine	4.631	135233	4053.71	47.2	919.11	464926	11.2062 ng/ml
Mitragynine	5.237	14619	400.14	43.7	983.32	293793	10.8127 ng/ml
Morphine	1.240	4625	875.29	20.2	102.19	5287	10.8514 ng/ml
* Norbuprenorphine	4.986	161	96.13	104.2 High	452.71	4393	0.9032 ng/ml
Nordiazepam	5.900	33599	304.39	61.7	204.60	89294	10.7148 ng/ml
Norfentanyl	4.079	17752	∞	39.1	437.50	616561	1.0457 ng/ml
Norhydrocodone	3.059	1520	59.51	52.2	137.46	14873	10.4407 ng/ml
Noroxycodone	2.903	33419	585.21	43.7	405.90	77847	10.9293 ng/ml
O-desmethyl-tramadol	3.369	193734	1035.25	6.3	605.08	1029120	10.7077 ng/ml
Oxazepam	5.756	70110	2377.89	75.8	190.58	331658	10.4052 ng/ml
Oxycodone	2.827	75678	607.58	28.4	502.35	255003	10.6550 ng/ml
Oxymorphone	1.398	22182	251.46	44.9	372.05	52804	11.1525 ng/ml
Phentermine	3.783	33426	321.83	2.0	11.36	349787	11.0261 ng/ml
Promethazine	5.538	96039	1384.03	27.7	873.01	395691	10.7994 ng/ml
Pseudoephedrine	2.589	223372	2023.75	12.6	3576.87	999175	10.4652 ng/ml
Quetiapine	5.555	77484	88.80	60.1	1818.96	85863	10.9715 ng/ml
Sertraline	5.776	24175	394.73	93.5	1155.43	85440	11.4084 ng/ml
Temazepam	5.816	105487	2101.91	31.2	157.87	567801	10.3634 ng/ml
Tramadol	4.246	184762	999.67	3.5	212.26	766915	10.7592 ng/ml
Trazodone	5.176	73418	3713.29	77.7	2236.35	233356	11.1857 ng/ml
Venlafaxine	5.037	137414	278.87	37.3	135.48	727008	10.6875 ng/ml
Zolpidem	4.928	178867	12779.21	30.8	404.00	803626	11.0988 ng/ml

*Outside curve range.

AM #28 Multi-Drug Quant. Results

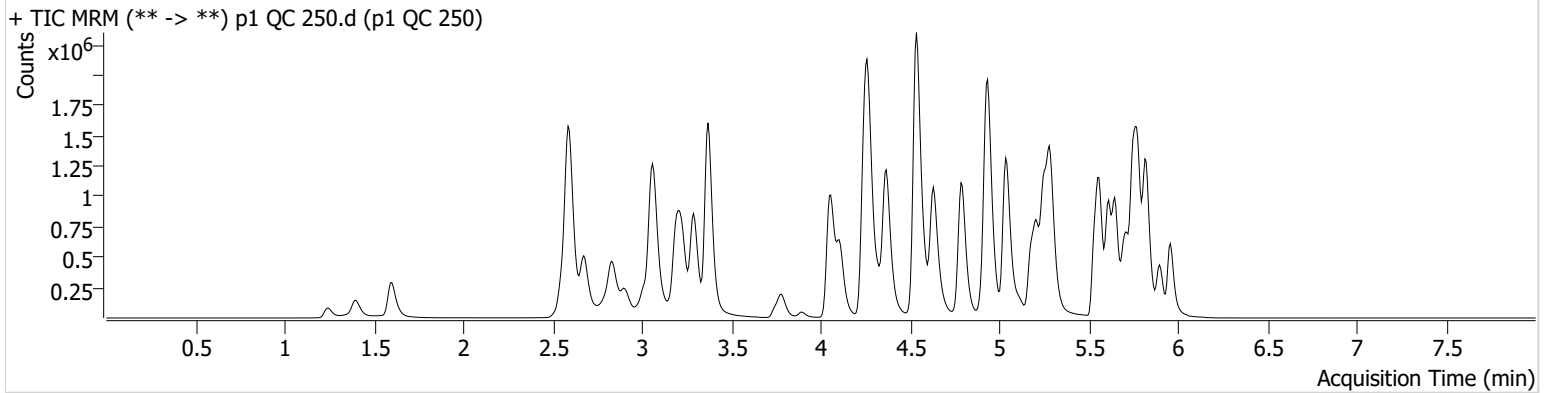
TS



Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 9/9/2021 9:05:29 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	9/1/2021 3:12:50 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	33668	271.23	73.8	880.33	16670	28.7404 ng/ml
7-aminoclonazepam	4.278	330253	6119.41	82.8	3552.43	54352	281.7970 ng/ml
a-hydroxyalprazolam	5.692	266834	405.24	61.4	437.35	68714	229.9441 ng/ml
alpha-PHP	4.937	492038	17664.10	277.8	2579.39	337833	271.0038 ng/ml
alpha-PVP	4.370	2202606	944.22	48.5	673.25	337833	274.9008 ng/ml
Alprazolam	5.775	902271	685.15	106.9	2862.01	68714	276.7147 ng/ml
Amphetamine	3.063	2964544	5150.17	50.0	4697.59	64246	283.3556 ng/ml
Benzoylecgonine	3.892	54563	2907.92	7.6	143.18	7897	282.8088 ng/ml
Buprenorphine	5.873	28928	35165.63	11.8	764.50	34207	26.1967 ng/ml
Bupropion	4.788	2073828	1720.81	58.8	1807.90	210836	275.7226 ng/ml
Carisoprodol	5.724	422619	455298.28	47.7	3098.06	79777	274.1800 ng/ml
Citalopram	5.212	939384	12613.10	42.2	630.04	163404	273.7679 ng/ml
Clonazepam	5.612	1305367	41131.68	32.4	285.86	43454	293.3254 ng/ml
Clonazepam	5.548	434995	285963.73	36.7	269394.68	43454	287.9266 ng/ml
Cocaine	4.264	1969258	111248.62	47.2	300.71	525848	274.4921 ng/ml
Codeine	2.573	169842	116.32	104.0	6569.21	28830	274.5414 ng/ml
Cyclobenzaprine	5.615	426174	1766074.22	10.7	1594.98	51199	268.1405 ng/ml
Dextromethorphan	5.262	387108	13328.04	80.3	13461.17	69315	271.7322 ng/ml
Dextrophan	4.111	377134	41343.12	209.1	19462.65	212828	277.8186 ng/ml
Diazepam	5.960	720818	5122.22	86.9	12063.79	132350	281.4456 ng/ml
Dihydrocodeine	2.552	520992	692.31	63.2	324.22	112886	265.7993 ng/ml
Diphenhydramine	5.289	1676650	39675.89	33.5	13733.20	661114	267.4066 ng/ml
Doxylamine	4.536	3855080	19136.36	99.3	171337.89	542396	277.8589 ng/ml
EDDP	5.254	1307533	42087.78	42.9	402.17	310244	269.9979 ng/ml
Etizolam	5.813	617386	11667.34	28.5	195291.37	43454	264.5495 ng/ml
Fentanyl	5.109	43243	3364.90	55.4	80341.52	92895	27.5161 ng/ml
Flualprazolam	5.705	159162	11183.22	119.4	50900.17	68714	272.0069 ng/ml
Fluoxetine	5.707	355226	1403629.41	8.8	125060.42	60818	274.8191 ng/ml
Hydrocodone	3.012	519371	∞	38.5	228.96	140029	279.3811 ng/ml
Hydromorphone	1.601	570165	2249895.38	73.8	5468.57	68986	272.5996 ng/ml
Ketamine	4.051	1695536	132966.78	42.2	814.42	292957	280.7795 ng/ml
Lamotrigine	4.280	100763	4977.82	82.8	1666.15	292957	270.9821 ng/ml
Levetiracetam	2.676	530395	7317.99	155.6	11937.64	701689	252.5628 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.747	904783	1683.94	53.4	6042.77	43454	196.1348 ng/ml
MDA	3.196	1725419	8970.19	12.7	1952.93	90480	277.3804 ng/ml
MDMA	3.290	1702968	200385.02	47.1	40888.08	46658	277.5738 ng/ml
Meprobamate	4.917	138199	174.08	23.6	342.55	29297	243.7420 ng/ml
Methadone	5.653	1164935	64819.24	47.7	21415.01	166308	274.1034 ng/ml
Methamphetamine	3.231	949559	786.48	44.4	1241.15	231548	269.7220 ng/ml
Metoprolol	4.326	261870	61171.88	93.4	463996.07	580763	282.7166 ng/ml
Mirtazapine	4.631	2009938	3262.88	46.5	15587.69	337833	274.5889 ng/ml
Mitragynine	5.237	173138	378571.40	39.7	92073.11	166308	257.2013 ng/ml
Morphine	1.247	84452	914.50	21.3	245.56	4265	273.2648 ng/ml
Norbuprenorphine	4.992	2093	7981.29	65.9	741.94	2643	30.3147 ng/ml
Nordiazepam	5.900	562558	22479.17	59.7	1063.26	62514	274.1398 ng/ml
Norfentanyl	4.079	322497	2212.68	36.9	1278.12	451744	26.5657 ng/ml
Norhydrocodone	3.059	32366	244.44	42.2	117.42	10046	312.7618 ng/ml
Noroxycodone	2.903	514350	1041.37	44.3	389.65	51404	270.7319 ng/ml
O-desmethyl-tramadol	3.369	3680307	77336.52	6.2	22982.87	803836	273.5350 ng/ml
Oxazepam	5.756	825287	50476.95	74.7	11899.44	158813	283.5030 ng/ml
Oxycodone	2.827	1408771	45552.78	29.0	1907.87	203159	271.9169 ng/ml
Oxymorphone	1.398	367368	∞	45.9	∞	40585	266.0058 ng/ml
Phentermine	3.783	527873	698.97	1.7	38.23	252266	277.9943 ng/ml
Promethazine	5.538	1203510	4738.42	28.6	238380.42	210540	270.2168 ng/ml
Pseudoephedrine	2.596	3870148	32035.94	12.4	48678.84	701689	268.4569 ng/ml
Quetiapine	5.562	1082276	326.43	60.1	59861.89	52863	263.4551 ng/ml
Sertraline	5.776	234179	392.24	95.1	293645.96	35110	277.8648 ng/ml
Temazepam	5.823	1510144	69351.11	30.9	2447.65	329147	269.9428 ng/ml
Tramadol	4.246	3290420	879.00	3.4	1457.88	580763	275.3188 ng/ml
Trazodone	5.176	1029880	549210.09	77.7	37844.36	146297	276.3678 ng/ml
Venlafaxine	5.037	2513505	411051.99	36.7	1726.83	541793	277.2342 ng/ml
Zolpidem	4.935	3085864	207319.61	30.8	391.85	619178	276.7278 ng/ml

*Outside curve range.

AM #28 Multi-Drug Quant. Results

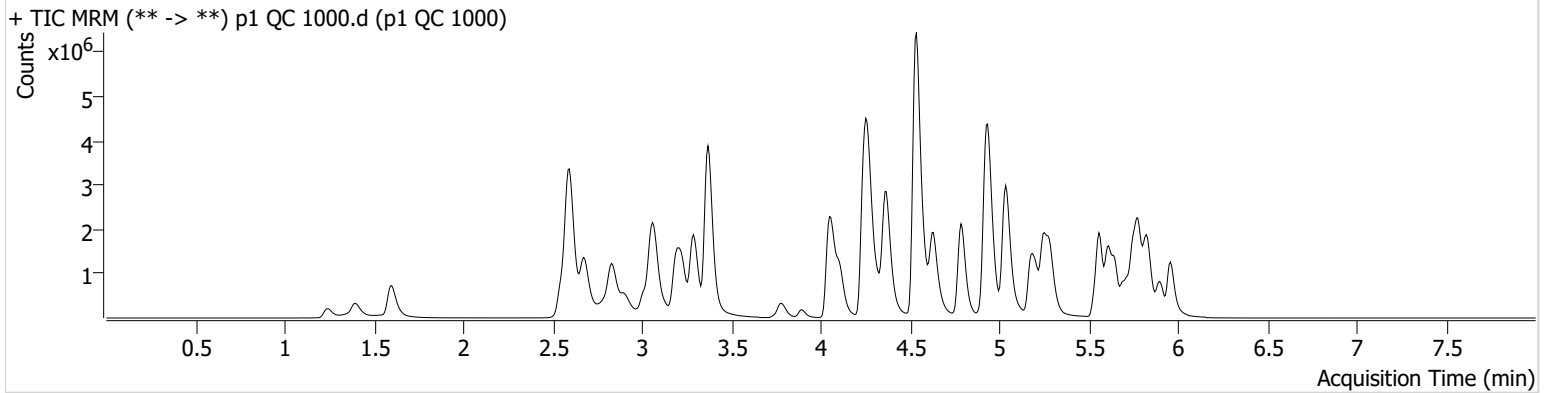
TS



Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 9/9/2021 9:05:29 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	9/1/2021 3:34:04 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	110611	1699.86	72.4	1395.88	13576	116.1444 ng/ml
7-aminoclonazepam	4.278	565124	10153.51	83.7	17582.42	25294	1037.9760 ng/ml
* a-hydroxyalprazolam	5.685	419714	2604.99	62.0	1378.77	46131	541.0833 ng/ml
* alpha-PHP	4.937	861764	56456.34	274.9	7991.24	219722	732.7777 ng/ml
alpha-PVP	4.370	5763522	193376.17	48.3	96764.14	219722	1107.9159 ng/ml
Alprazolam	5.775	2164201	∞	106.4	∞	46131	990.6645 ng/ml
Amphetamine	3.063	5340445	173090.67	50.1	6438.22	34517	955.1962 ng/ml
Benzoylcegonine	3.892	235324	19078.90	7.8	855.93	7456	1293.3679 ng/ml
Buprenorphine	5.873	24937	4075.38	12.9	3513.11	7070	109.6097 ng/ml
Bupropion	4.788	4082751	142055.36	58.5	1141.82	106418	1077.8581 ng/ml
Carisoprodol	5.730	785704	1833271.14	47.3	8992.06	36302	1121.8242 ng/ml
Citalopram	5.212	1104655	15504.00	42.2	20978.40	49163	1072.3745 ng/ml
Clonazepam	5.612	2970262	54319.02	31.6	3354.91	27227	1068.9366 ng/ml
Clonazepam	5.548	973443	301164.04	37.7	810601.59	27227	1031.3490 ng/ml
Cocaine	4.264	5135745	740.26	46.0	407.69	336407	1120.7888 ng/ml
* Codeine	2.566	368886	437.95	100.0	187.61	20371	847.0478 ng/ml
Cyclobenzaprine	5.615	304041	359.64	10.7	144.04	8514	1152.5375 ng/ml
Dextromethorphan	5.262	406618	54443.06	78.2	2374.58	18059	1098.2493 ng/ml
Dextrophan	4.111	802933	128509.09	207.2	774.11	111136	1134.5262 ng/ml
Diazepam	5.960	1791004	9369.19	89.4	∞	87605	1059.1885 ng/ml
* Dihydrocodeine	2.545	1430541	116552.20	62.6	358.42	95677	864.9578 ng/ml
Diphenhydramine	5.289	2122364	75502.23	33.2	4043.83	209040	1072.7702 ng/ml
Doxylamine	4.536	11412562	87941.58	99.4	193574.26	409508	1091.9119 ng/ml
EDDP	5.254	3044146	79512.65	42.6	44023.10	173699	1124.9465 ng/ml
Etizolam	5.813	1578874	5805.81	28.5	553879.76	27227	1080.0983 ng/ml
Fentanyl	5.109	37498	769946.65	58.8	138310.98	21086	105.4609 ng/ml
Flualprazolam	5.705	369392	2622.93	121.1	17795.98	46131	943.1322 ng/ml
Fluoxetine	5.707	140288	22737.98	8.8	89065.68	6770	977.9614 ng/ml
Hydrocodone	3.012	1440460	1599.58	38.5	2408.41	108206	1006.7095 ng/ml
Hydromorphone	1.601	1668049	5717695.24	73.7	5405521.86	50696	1086.8285 ng/ml
Ketamine	4.051	4867524	∞	41.3	10053.65	224232	1056.3491 ng/ml
* Lamotrigine	4.287	208925	6830.44	83.5	566.77	224232	738.3857 ng/ml
Levetiracetam	2.676	1496171	11615.91	156.4	21036.63	426510	1172.2679 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.747	955005	34675.87	52.5	3264.46	27227	331.7418 ng/ml
MDA	3.196	3279569	1617.11	12.0	1580.81	48120	995.6764 ng/ml
MDMA	3.290	4062310	293129.34	46.8	65465.15	28033	1104.1971 ng/ml
* Meprobamate	4.911	258947	7262.61	23.5	7547.81	20531	654.8640 ng/ml
Methadone	5.646	1346431	44639.07	45.9	19761.00	48378	1091.6521 ng/ml
Methamphetamine	3.231	1819133	1032.64	43.9	20617.45	125398	959.3363 ng/ml
Metoprolol	4.326	605532	129644.70	93.9	7763.60	400711	950.9881 ng/ml
Mirtazapine	4.631	3341196	186896.08	46.5	10612.01	219722	705.4584 ng/ml
Mitragynine	5.237	135280	294060.56	40.0	9987.28	48378	693.4668 ng/ml
Morphine	1.240	241917	1294.07	22.1	2304.08	3420	979.3992 ng/ml
Norbuprenorphine	4.986	1790	4906.46	67.0	1222.66	557	124.5224 ng/ml
Nordiazepam	5.900	1252607	471.97	60.6	241.22	35420	1079.5975 ng/ml
Norfentanyl	4.079	894605	83473.00	37.1	1121.92	274123	121.5391 ng/ml
* Norhydrocodone	3.059	118559	330.99	38.8	2224.04	7565	1519.4002 ng/ml
Noroxycodone	2.903	1153369	588.42	45.1	568.35	28888	1082.4084 ng/ml
O-desmethyl-tramadol	3.369	11255169	∞	6.0	51370.45	590938	1139.6832 ng/ml
Oxazepam	5.749	914861	13239.73	74.8	8267.78	49684	1007.5553 ng/ml
Oxycodone	2.827	4297443	2181.03	28.5	1283.31	161232	1048.0994 ng/ml
Oxymorphone	1.391	1047312	∞	43.9	∞	30560	1010.6003 ng/ml
Phentermine	3.783	1089830	4714.36	1.7	365.41	152768	951.9575 ng/ml
Promethazine	5.532	881680	2208.13	28.9	9546.57	40219	1038.2648 ng/ml
Pseudoephedrine	2.596	10295095	138709.12	12.0	53733.07	426510	1176.3406 ng/ml
Quetiapine	5.555	2354883	788704.28	59.6	124626.11	28219	1075.9225 ng/ml
Sertraline	5.776	91696	582.30	96.7	15540.88	4095	933.6739 ng/ml
Temazepam	5.830	2545208	27413.76	31.0	10162.53	133883	1120.3701 ng/ml
Tramadol	4.239	8718945	815.27	3.2	601.57	400711	1060.1541 ng/ml
Trazodone	5.176	2338591	152257.28	78.1	221430.08	81569	1129.2934 ng/ml
Venlafaxine	5.037	6732618	522414.74	36.4	10883.59	349658	1152.6391 ng/ml
Zolpidem	4.935	9299643	215247.60	30.1	18791.45	496363	1043.9387 ng/ml

*Outside curve range.

AM #28 Multi-Drug Quant. Results

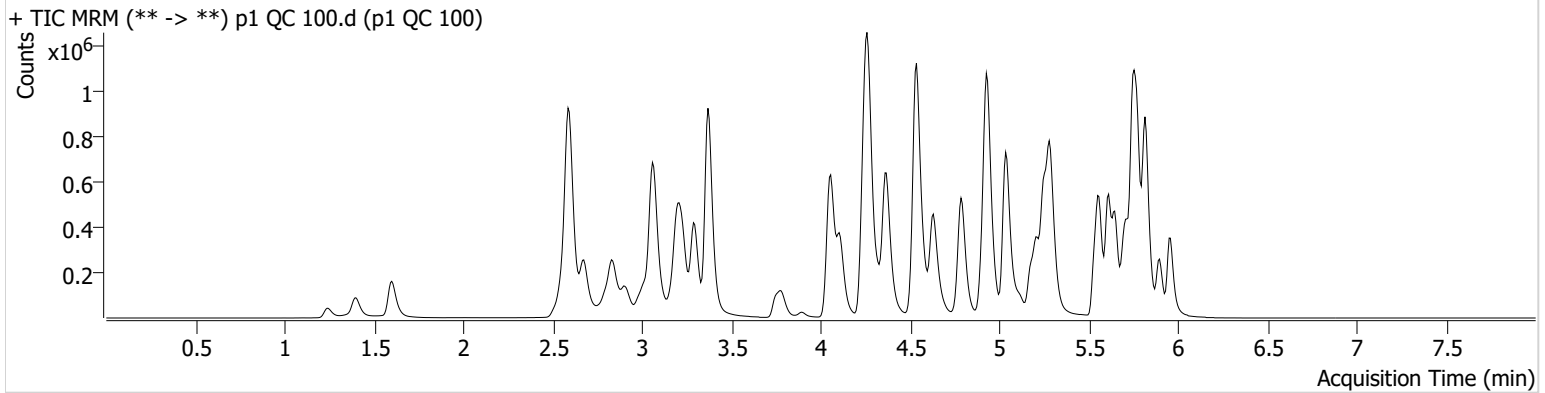
TS



Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 9/9/2021 9:05:29 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	9/2/2021 12:24:30 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	15242	2387.32	74.2	817.24	21047	10.2608 ng/ml
7-aminoclonazepam	4.271	184108	26878.57	85.3	30348.92	77492	109.7753 ng/ml
a-hydroxyalprazolam	5.692	165837	624.14	63.4	310.05	92591	105.1173 ng/ml
alpha-PHP	4.937	237039	970.71	274.5	34948.45	388826	112.4056 ng/ml
alpha-PVP	4.370	1011922	625.00	49.5	22935.84	388826	109.3515 ng/ml
Alprazolam	5.775	483100	2465.17	107.8	2716.15	92591	109.4798 ng/ml
Amphetamine	3.063	1513721	25716.27	50.6	11556.60	75865	121.2901 ng/ml
Benzoylecgonine	3.892	24138	342.51	8.2	228.39	8735	112.8718 ng/ml
Buprenorphine	5.873	11477	21384.80	12.8	3296.65	33442	10.5661 ng/ml
Bupropion	4.788	913860	34349.58	59.4	20662.43	230824	110.4799 ng/ml
Carisoprodol	5.724	254521	428984.71	46.0	356.10	118580	110.7787 ng/ml
Citalopram	5.212	404014	12246.51	43.7	7412.92	171810	111.5055 ng/ml
Clonazepam	5.612	765984	645.43	31.9	10240.66	62688	118.4795 ng/ml
Clonazepam	5.549	248741	475212.34	36.7	3472.15	62688	113.4265 ng/ml
Cocaine	4.264	965190	1390050.15	46.7	15161.62	637535	110.6193 ng/ml
Codeine	2.573	92275	509.07	107.7	5055.74	36598	116.6290 ng/ml
Cyclobenzaprine	5.615	143404	4450.10	10.4	181.01	42877	107.3402 ng/ml
Dextromethorphan	5.262	163955	181.16	79.1	243.46	71702	110.7314 ng/ml
Dextrophan	4.111	175138	145021.67	215.1	715.47	248683	110.0610 ng/ml
Diazepam	5.960	355751	513.39	89.1	319.65	158766	115.2146 ng/ml
Dihydrocodeine	2.552	262572	928.78	63.3	1606.62	129872	115.4697 ng/ml
Diphenhydramine	5.289	717186	29483.92	33.4	13096.26	677826	111.1266 ng/ml
Doxylamine	4.536	1712997	105623.05	101.3	1323007.35	598350	111.4274 ng/ml
EDDP	5.254	600962	171117.96	42.5	190.16	337110	113.8018 ng/ml
Etizolam	5.813	296853	9680.35	28.7	263302.47	62688	88.1044 ng/ml
Fentanyl	5.109	14361	385.84	57.8	139.67	73951	11.4086 ng/ml
Flualprazolam	5.705	92035	380.56	114.9	15702.47	92591	116.0731 ng/ml
Fluoxetine	5.707	126004	71657.60	8.7	64.36	52372	112.5092 ng/ml
Hydrocodone	3.012	260622	147.02	39.0	88.87	168337	115.7262 ng/ml
Hydromorphone	1.601	285177	2469.08	73.0	498240.38	82785	113.3058 ng/ml
Ketamine	4.051	802736	3547.24	42.3	785.39	336750	114.9525 ng/ml
Lamotrigine	4.280	54709	2910.23	82.0	46875.20	336750	126.6640 ng/ml
Levetiracetam	2.676	253761	3903.44	155.3	3088.22	843793	100.4585 ng/ml

TS

AM #28 Multi-Drug Quant. Results



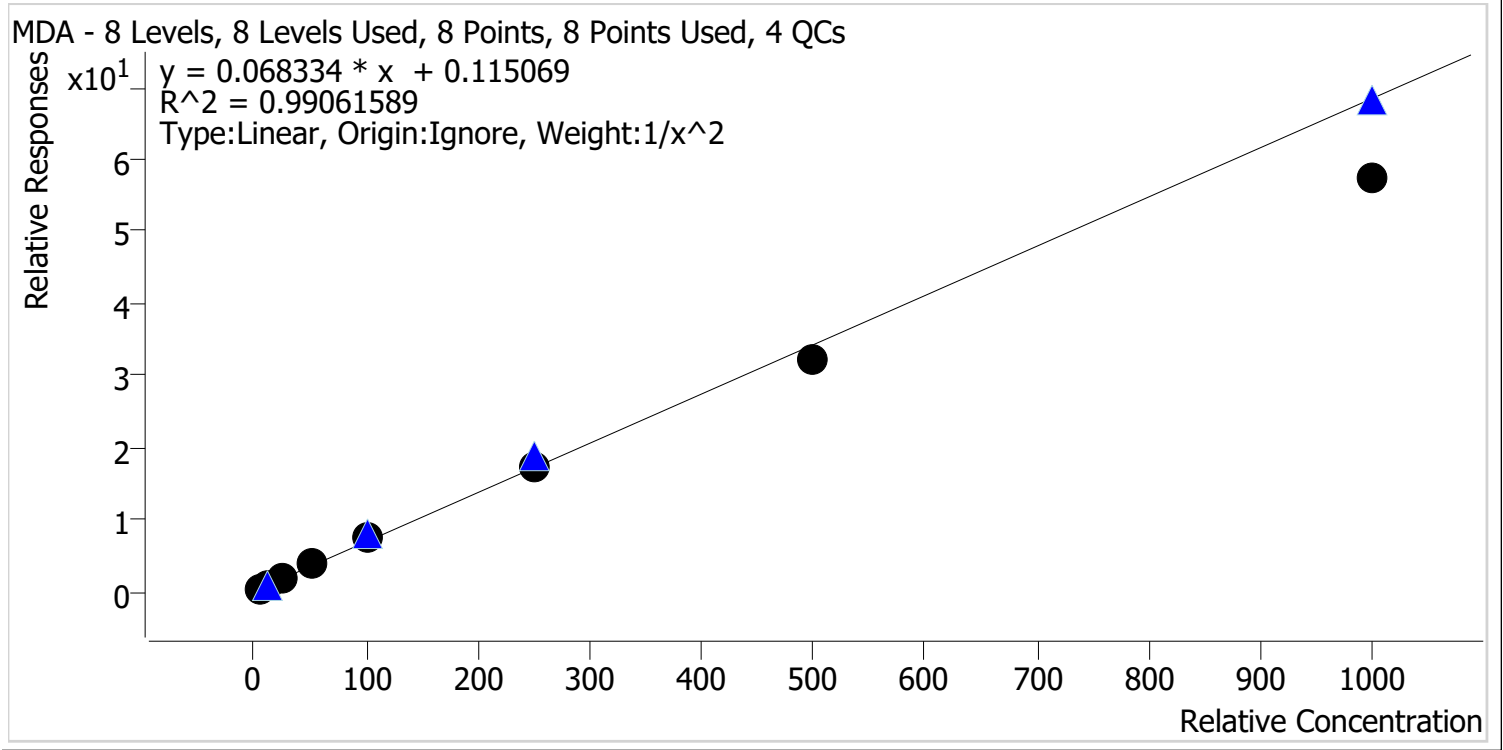
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	668391	38529.99	52.5	995.83	62688	99.4864 ng/ml
MDA	3.203	909638	4350.31	13.5	578.11	113302	115.8039 ng/ml
MDMA	3.296	782431	8204.02	48.9	6549.23	54030	109.6977 ng/ml
Meprobamate	4.917	83165	138.61	22.8	558.78	36623	116.3602 ng/ml
Methadone	5.646	477825	21999.89	46.4	516.78	167644	111.0229 ng/ml
Methamphetamine	3.231	467353	10799.11	44.8	1323.91	265836	114.4587 ng/ml
Metoprolol	4.326	128031	949.63	92.7	267228.97	686942	115.9828 ng/ml
Mirtazapine	4.631	826887	7795.38	46.1	4467.00	388826	96.6518 ng/ml
Mitragynine	5.237	67144	68534.58	41.1	30056.88	167644	97.9927 ng/ml
Morphine	1.240	41858	396.86	20.1	542.66	5300	108.2198 ng/ml
Norbuprenorphine	4.986	896	1019.56	66.2	698.46	2812	11.8864 ng/ml
Nordiazepam	5.900	293877	502.97	61.2	5592.97	79857	111.6460 ng/ml
Norfentanyl	4.086	149661	276.49	36.4	470.43	531440	10.4633 ng/ml
Norhydrocodone	3.059	14271	106.70	42.1	73.70	12285	113.1263 ng/ml
Noroxycodone	2.909	282154	2379.18	44.7	720.36	70043	108.5641 ng/ml
O-desmethyl-tramadol	3.369	1690566	28989.27	6.4	5318.22	921542	109.2636 ng/ml
Oxazepam	5.756	551160	1140.92	75.0	224.88	259473	115.1889 ng/ml
Oxycodone	2.827	698409	1124.43	28.4	1721.90	237799	114.5765 ng/ml
Oxymorphone	1.398	200397	∞	42.2	348.86	49473	118.3440 ng/ml
Phentermine	3.783	254153	309.54	1.8	139.69	280933	119.1942 ng/ml
Promethazine	5.538	381234	678.18	29.0	2010.60	163828	109.5851 ng/ml
Pseudoephedrine	2.596	1880790	26806.83	12.8	20310.52	843793	108.2332 ng/ml
Quetiapine	5.555	479900	12973.41	59.1	604648.50	57657	106.7095 ng/ml
Sertraline	5.776	81853	969.78	94.4	191.13	30822	110.3974 ng/ml
Temazepam	5.823	880432	1459.34	31.1	384.36	472525	109.2753 ng/ml
Tramadol	4.246	1558628	836.60	3.5	155.97	686942	109.6634 ng/ml
Trazodone	5.176	379954	516.19	79.2	279904.22	134646	110.0517 ng/ml
Venlafaxine	5.037	1138070	1838.64	37.9	1413.76	605071	112.0225 ng/ml
Zolpidem	4.928	1529911	976.96	31.2	43821.49	716982	117.7272 ng/ml



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.4
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	470.8	94.2
p1 Cal 8-1000ng	8	✓	1000.0	839.2	83.9

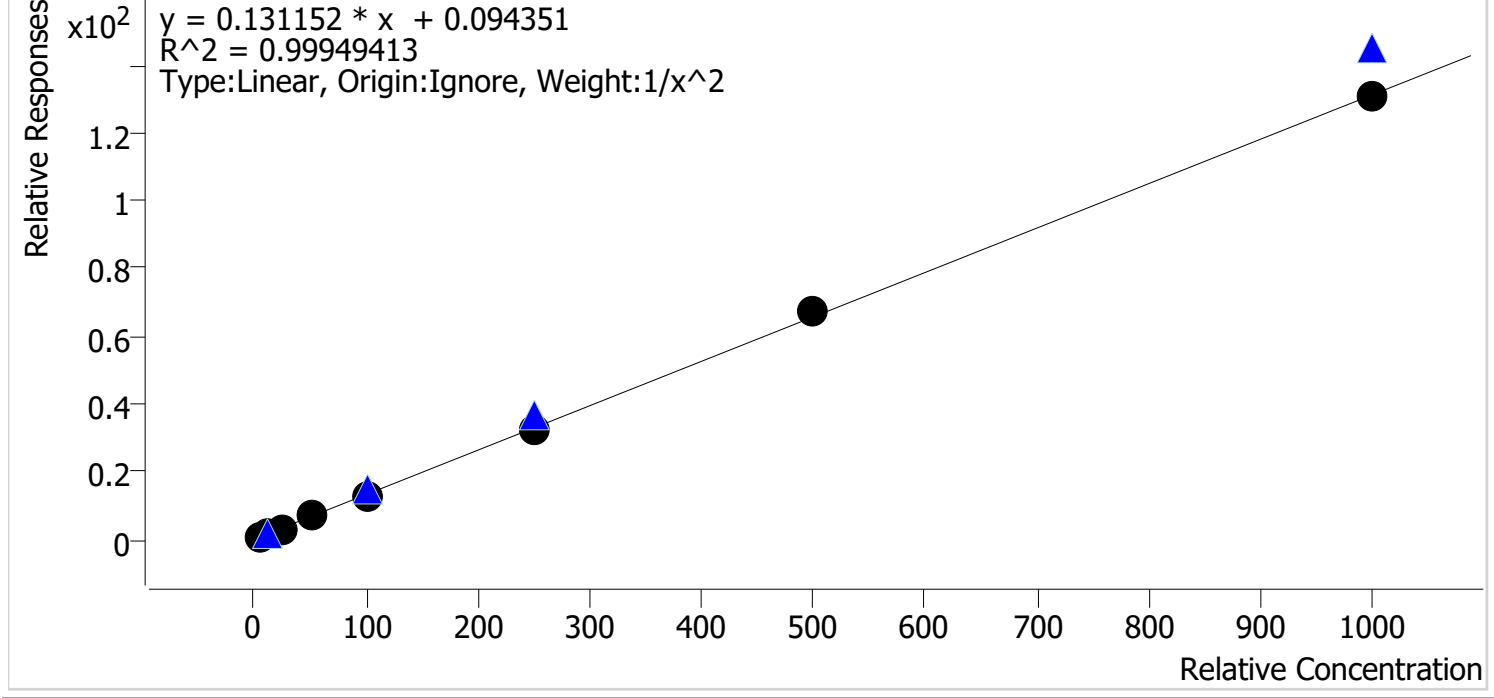
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



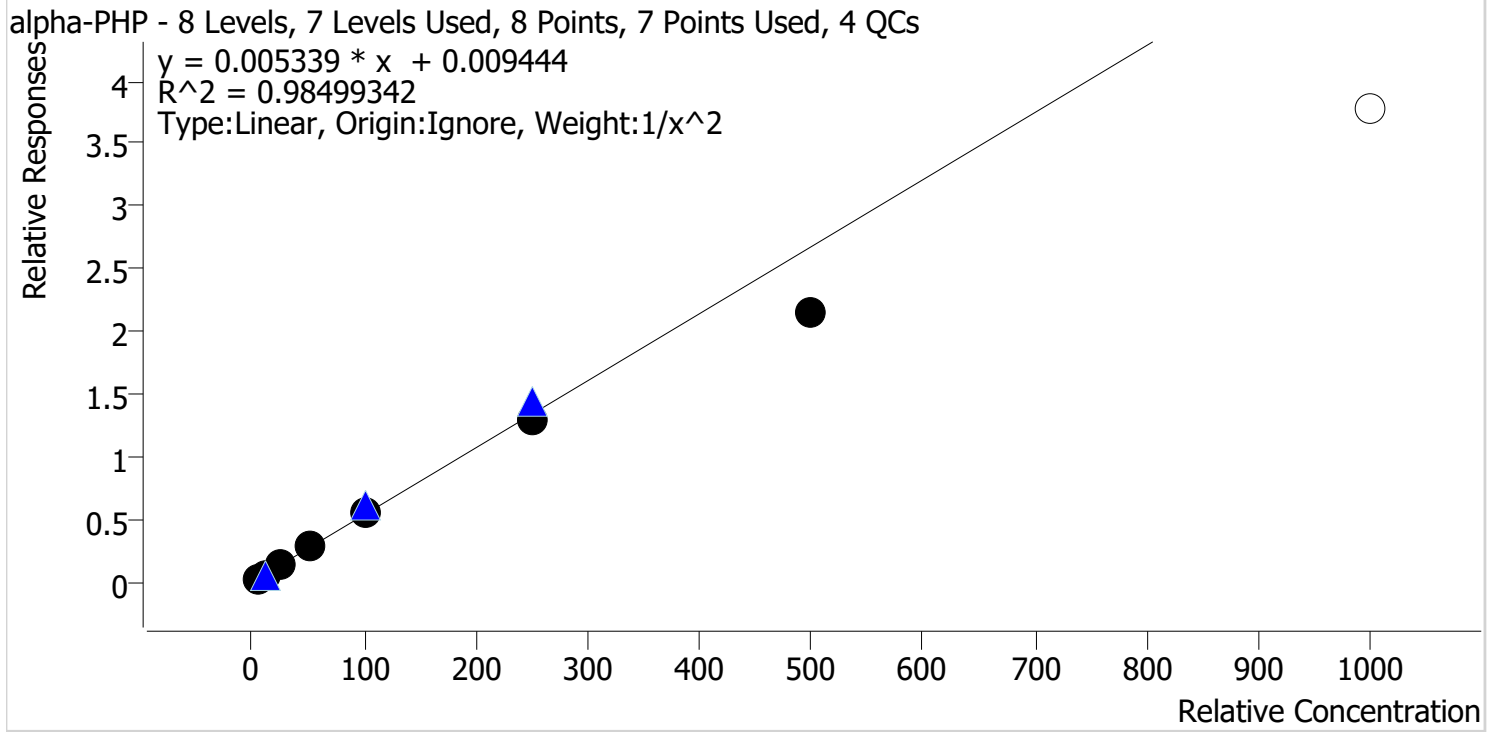
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	513.5	102.7
p1 Cal 8-1000ng	8	✓	1000.0	997.0	99.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
 Last Cal. Update 9/9/2021 9:05 AM
 Analyst Name ISP\datastor
 Analyte alpha-PHP Internal Standard alpha-PVP-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.6
p1 Cal 2-10ng	2	✓	10.0	10.8	108.0
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	53.5	107.1
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	243.3	97.3
p1 Cal 7-500ng	7	✓	500.0	401.0	80.2
p1 Cal 8-1000ng	8	x	1000.0	706.6	70.7

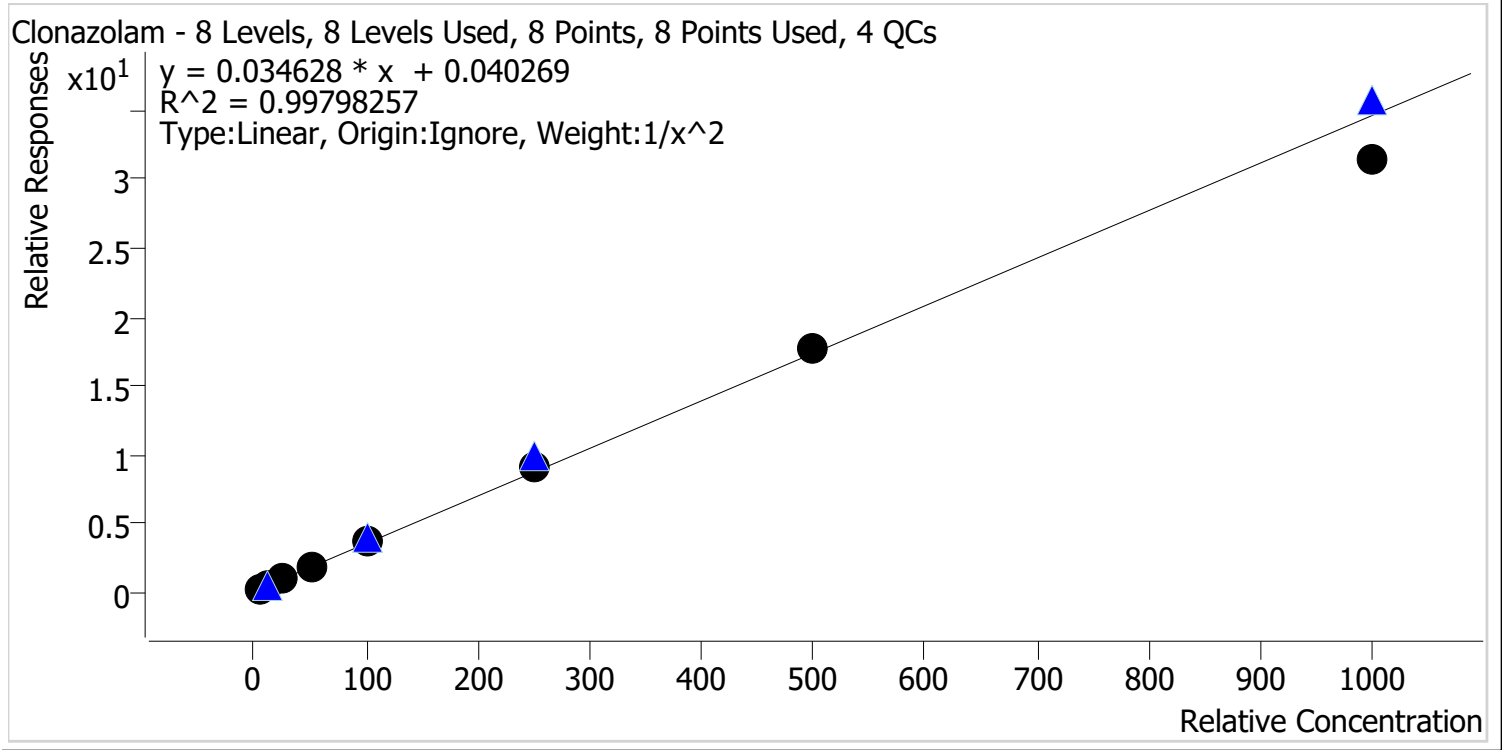
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	259.3	103.7
p1 Cal 7-500ng	7	✓	500.0	512.5	102.5
p1 Cal 8-1000ng	8	✓	1000.0	910.2	91.0

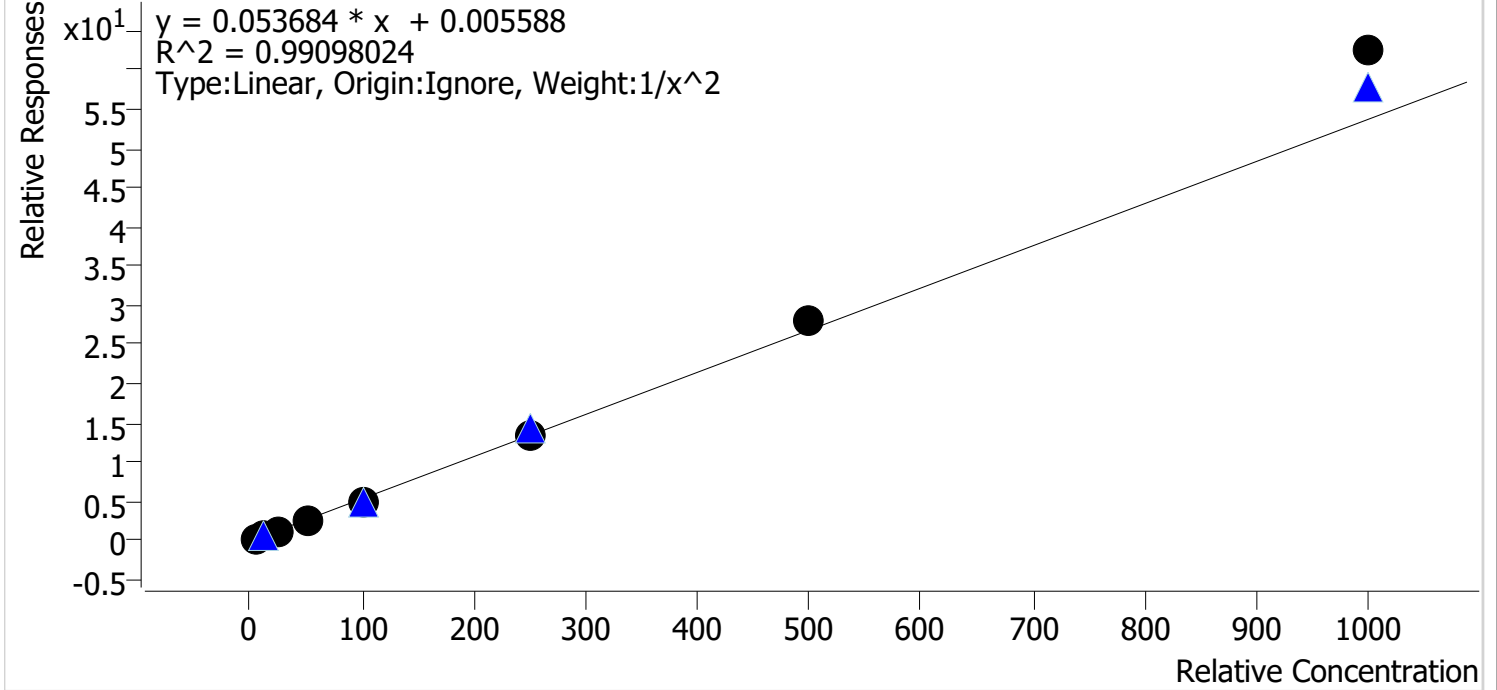


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	23.0	92.1
p1 Cal 4-50ng	4	✓	50.0	46.1	92.2
p1 Cal 5-100ng	5	✓	100.0	91.7	91.7
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	519.3	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1163.1	116.3

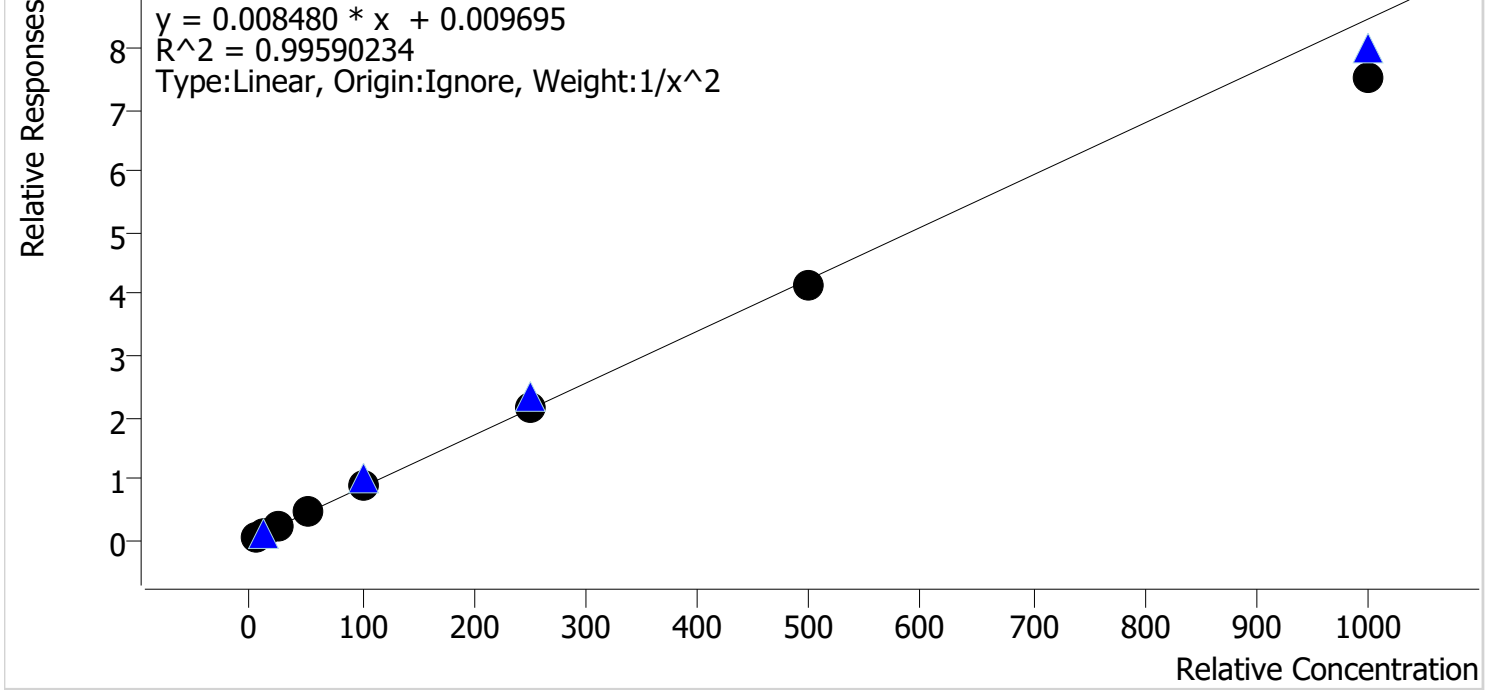


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

Flualprazolam - 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	104.1
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	490.2	98.0
p1 Cal 8-1000ng	8	✓	1000.0	889.0	88.9

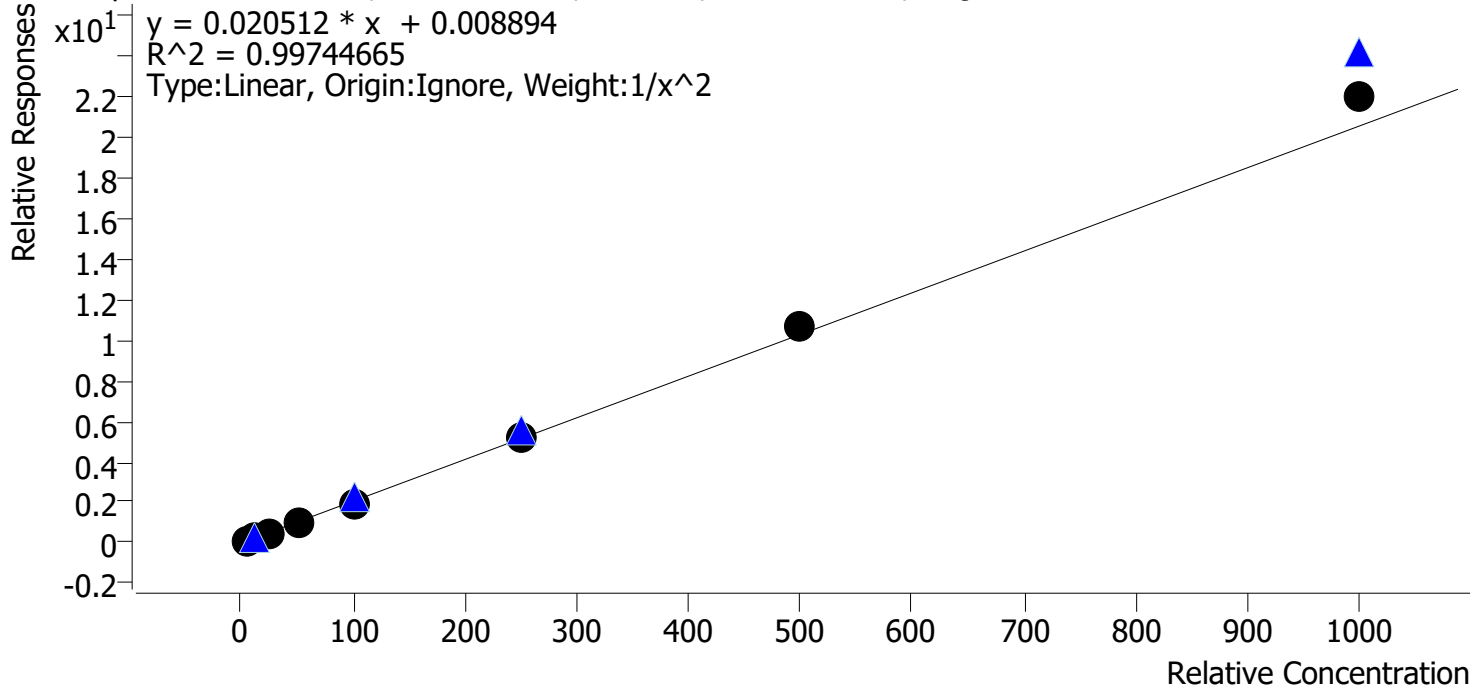
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



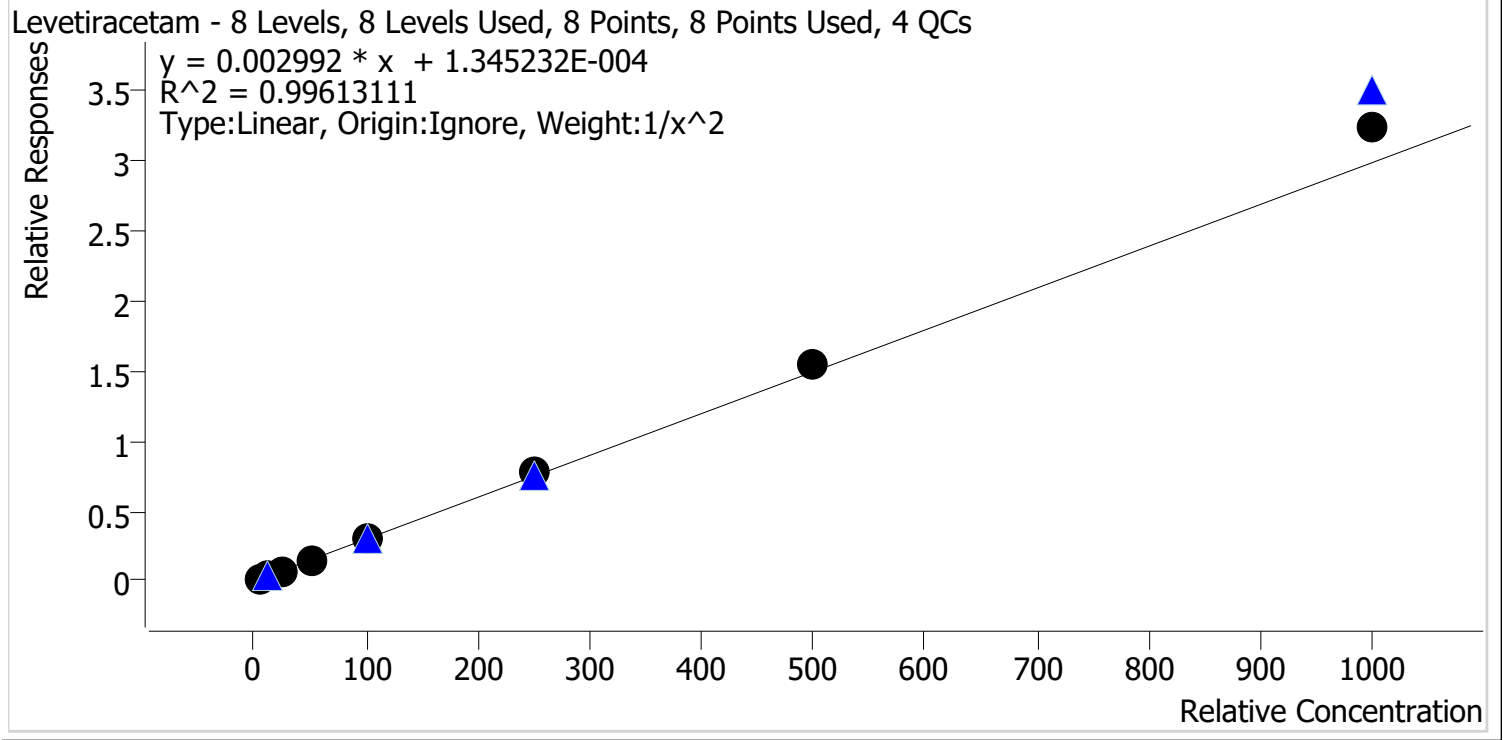
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	47.7	95.5
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	521.1	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1074.7	107.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3



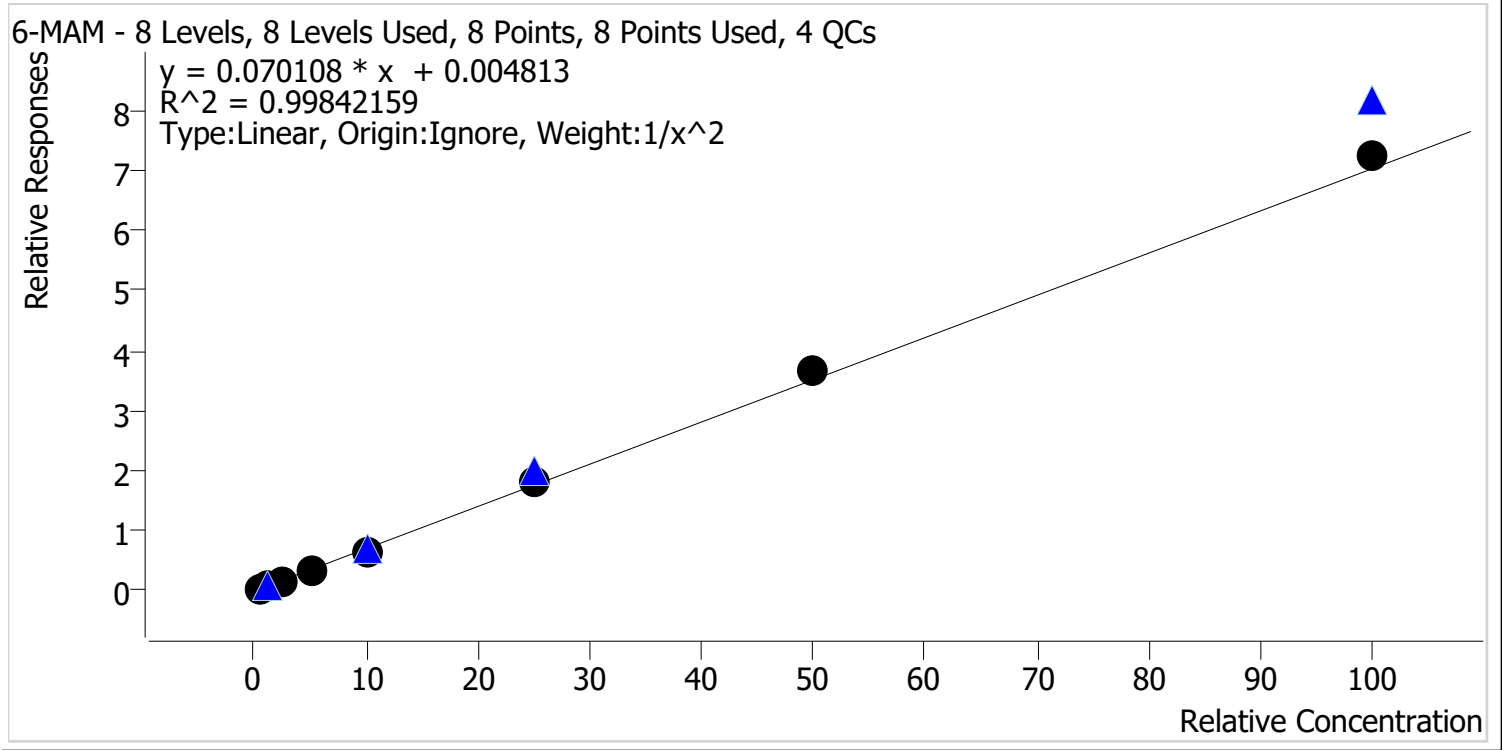
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.9
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	23.2	93.0
p1 Cal 4-50ng	4	✓	50.0	47.3	94.5
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	257.1	102.8
p1 Cal 7-500ng	7	✓	500.0	514.6	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1086.1	108.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



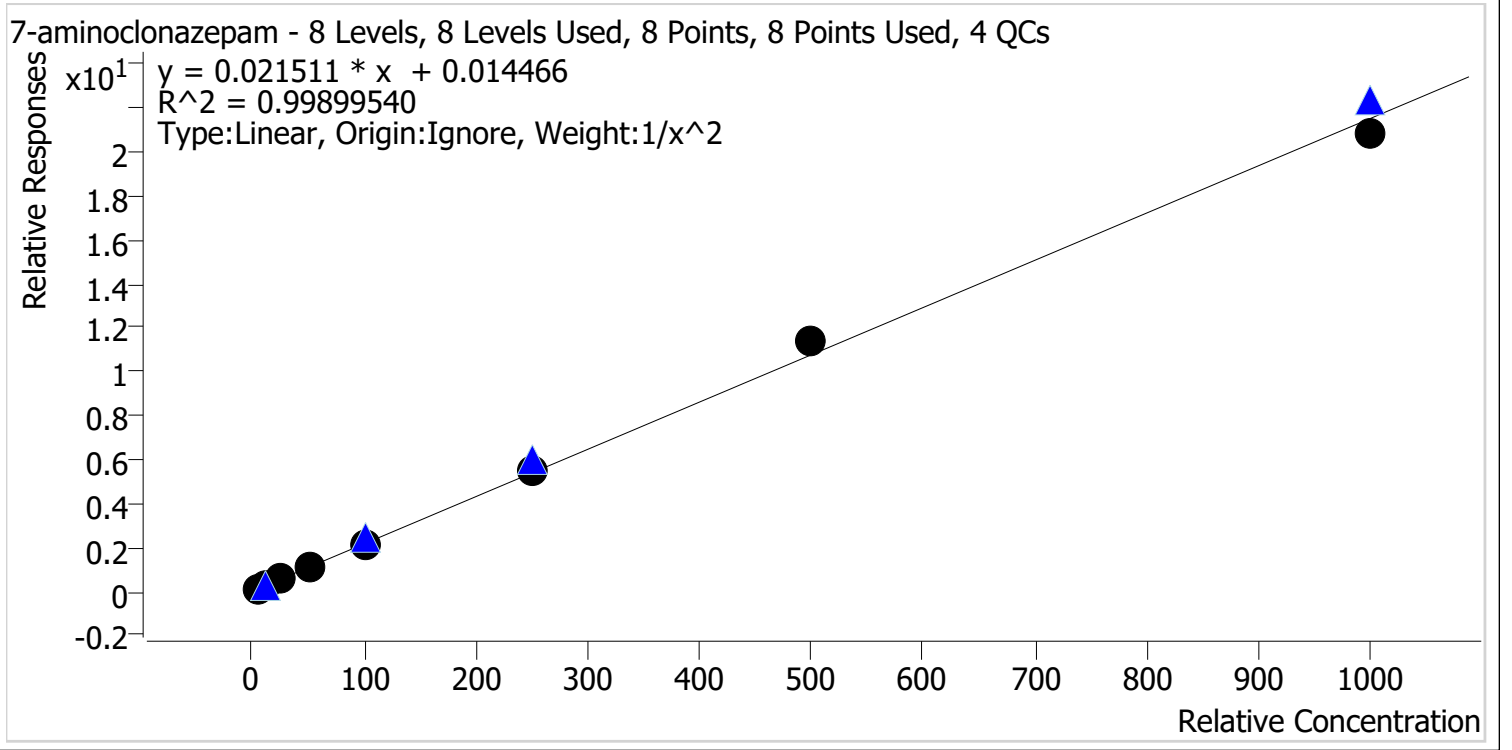
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.0
p1 Cal 2-10ng	2	✓	1.0	1.0	97.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.8
p1 Cal 4-50ng	4	✓	5.0	4.9	97.4
p1 Cal 5-100ng	5	✓	10.0	9.5	95.1
p1 Cal 6-250ng	6	✓	25.0	25.5	102.1
p1 Cal 7-500ng	7	✓	50.0	52.5	105.1
p1 Cal 8-1000ng	8	✓	100.0	102.8	102.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	527.2	105.4
p1 Cal 8-1000ng	8	✓	1000.0	968.0	96.8

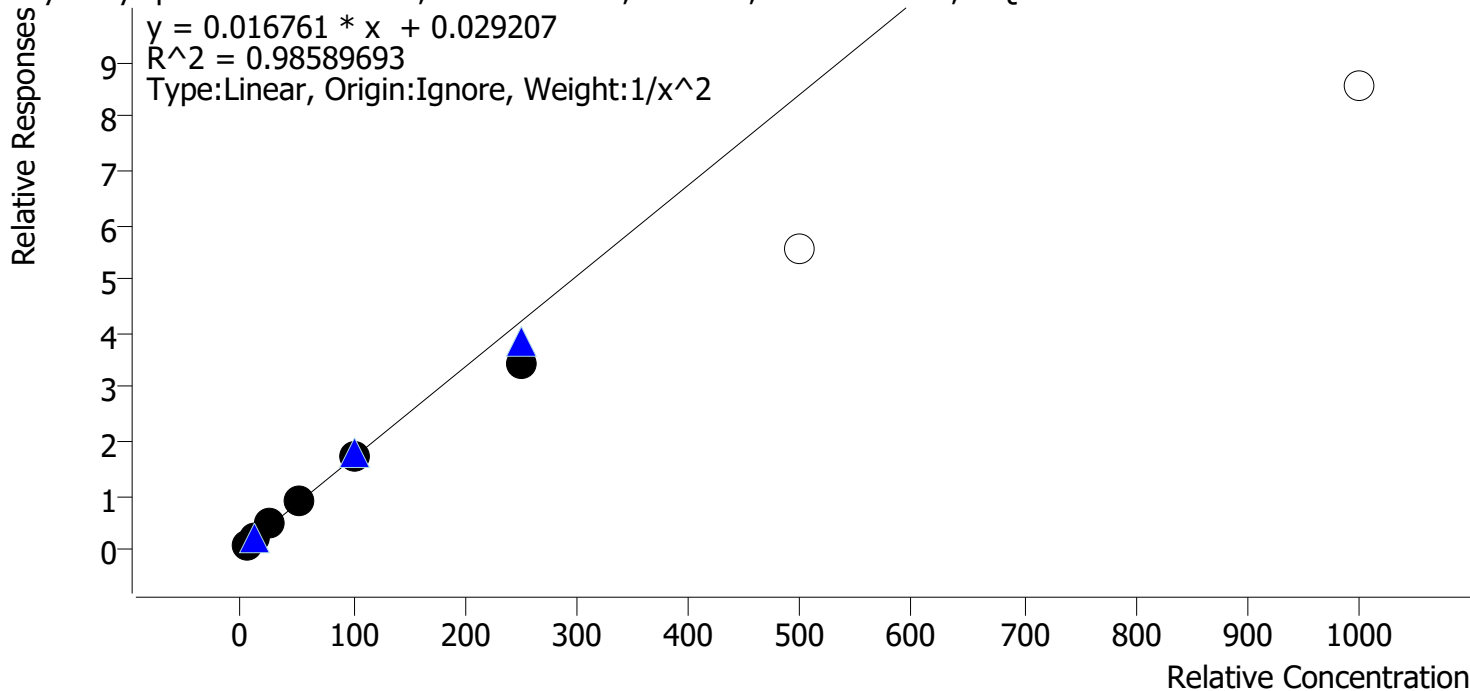
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	95.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	54.3	108.7
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	205.7	82.3
p1 Cal 7-500ng	7	x	500.0	329.9	66.0
p1 Cal 8-1000ng	8	x	1000.0	507.5	50.7

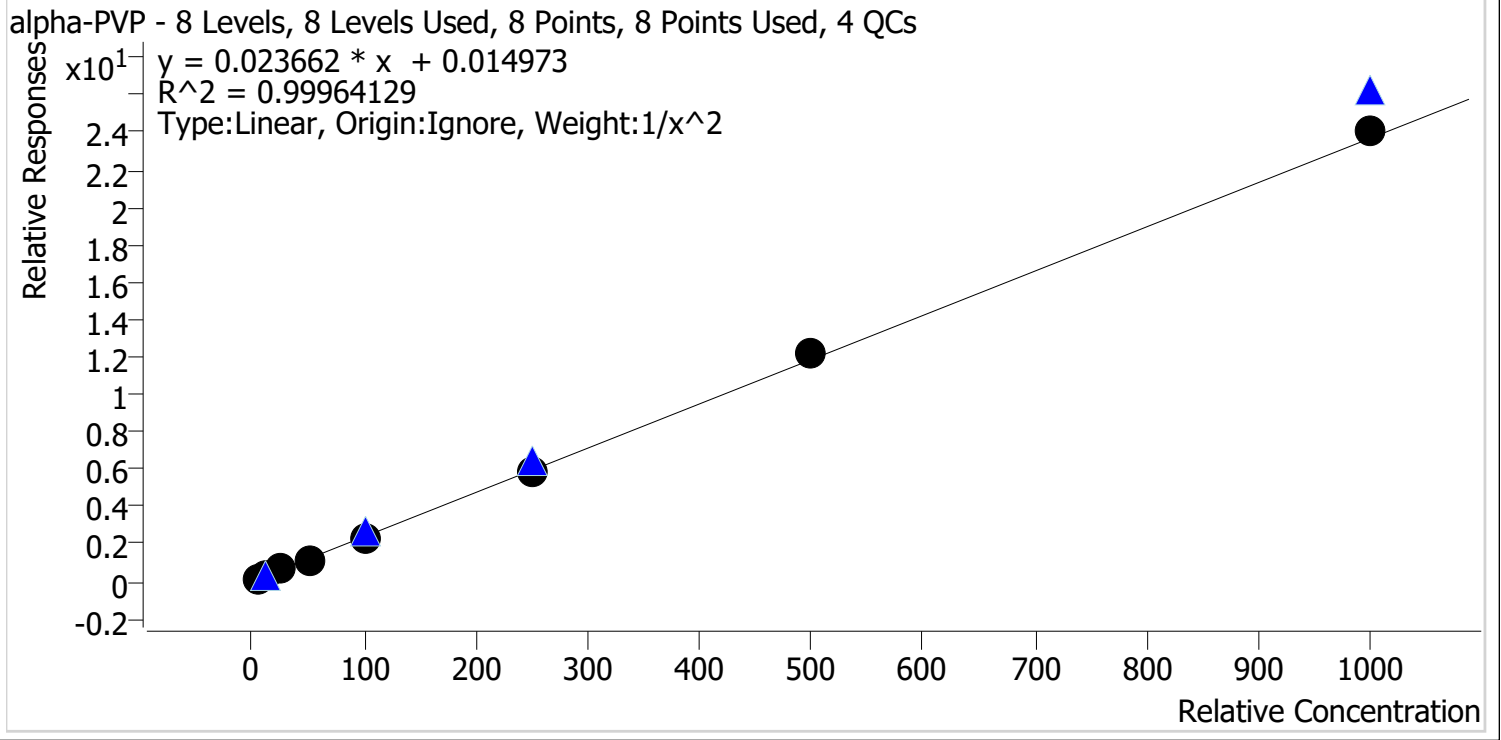
Calibrators 7 and 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



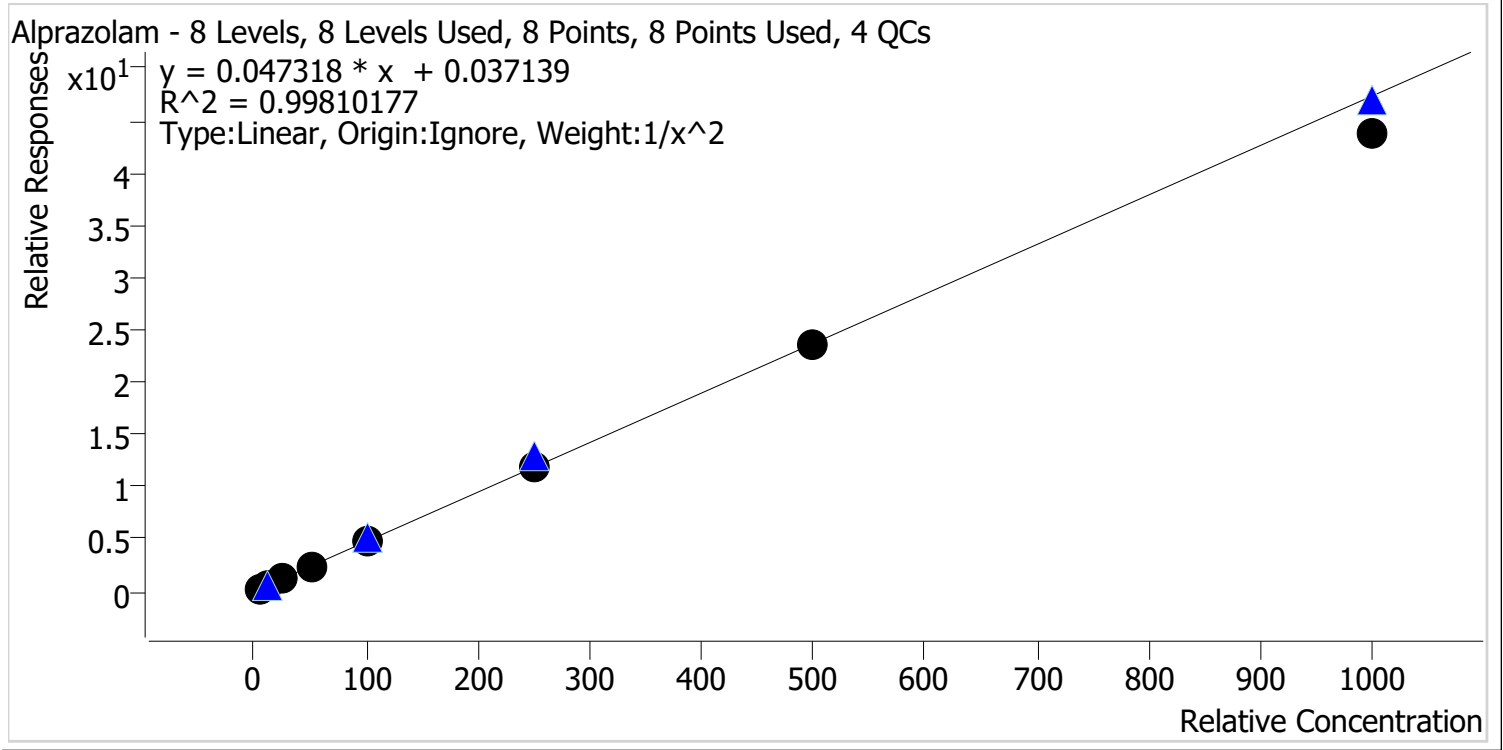
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	512.1	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1020.8	102.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



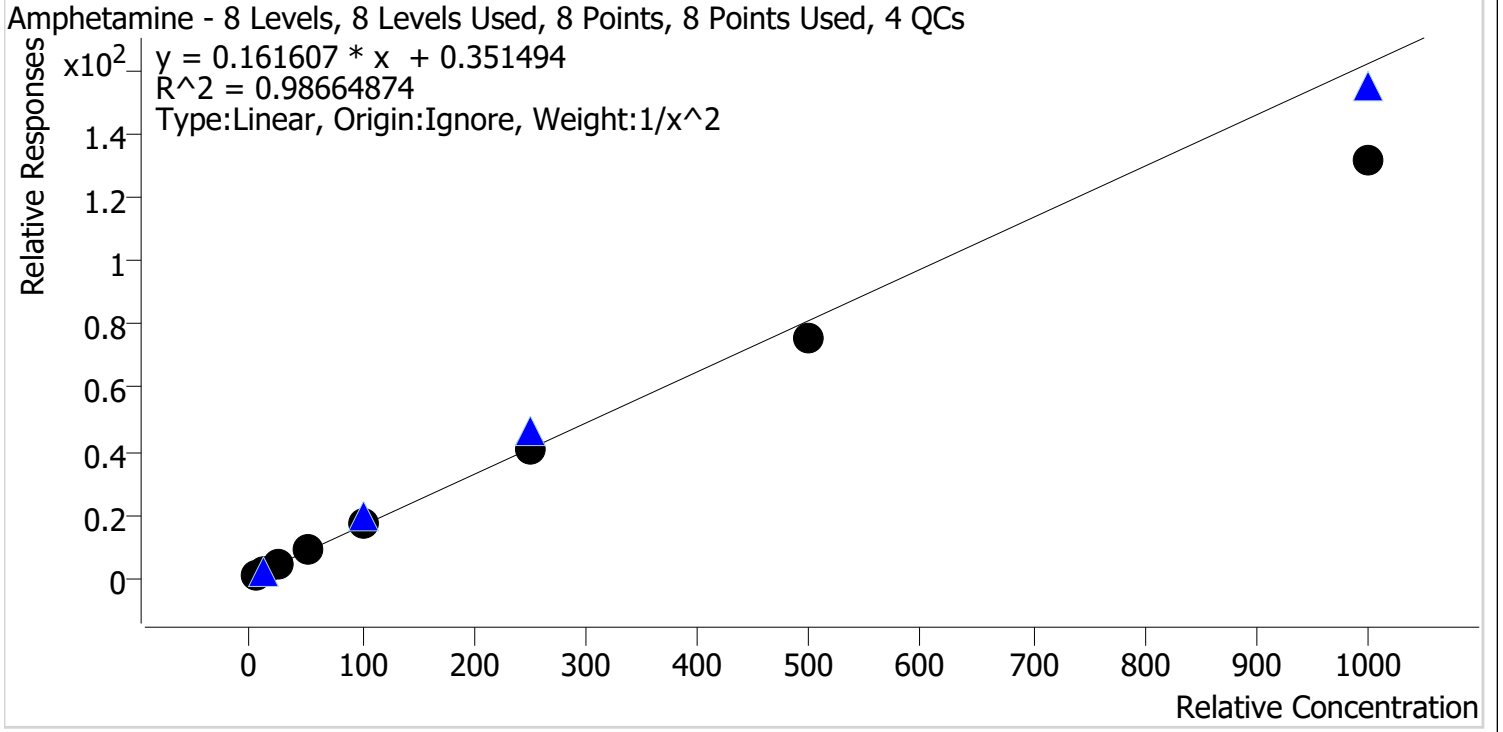
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	50.5	101.1
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	497.3	99.5
p1 Cal 8-1000ng	8	✓	1000.0	926.1	92.6



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
 Last Cal. Update 9/9/2021 9:05 AM
 Analyst Name ISP\datastor
 Analyte Amphetamine Internal Standard Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.5	104.5
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	55.3	110.7
p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng	6	✓	250.0	250.4	100.1
p1 Cal 7-500ng	7	✓	500.0	462.6	92.5
p1 Cal 8-1000ng	8	✓	1000.0	810.4	81.0

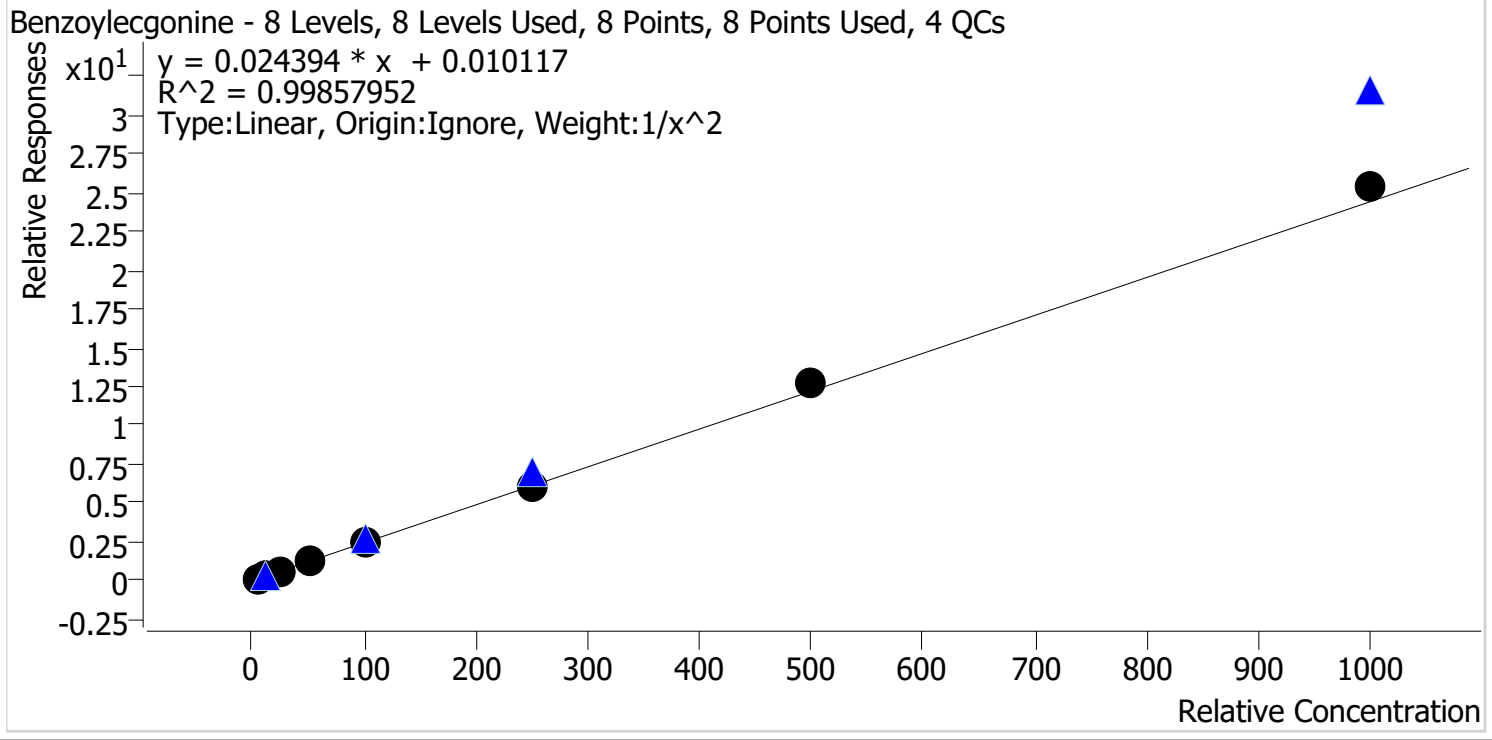
QC 10 and 100 accuracy out. Compound reported qualitatively.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



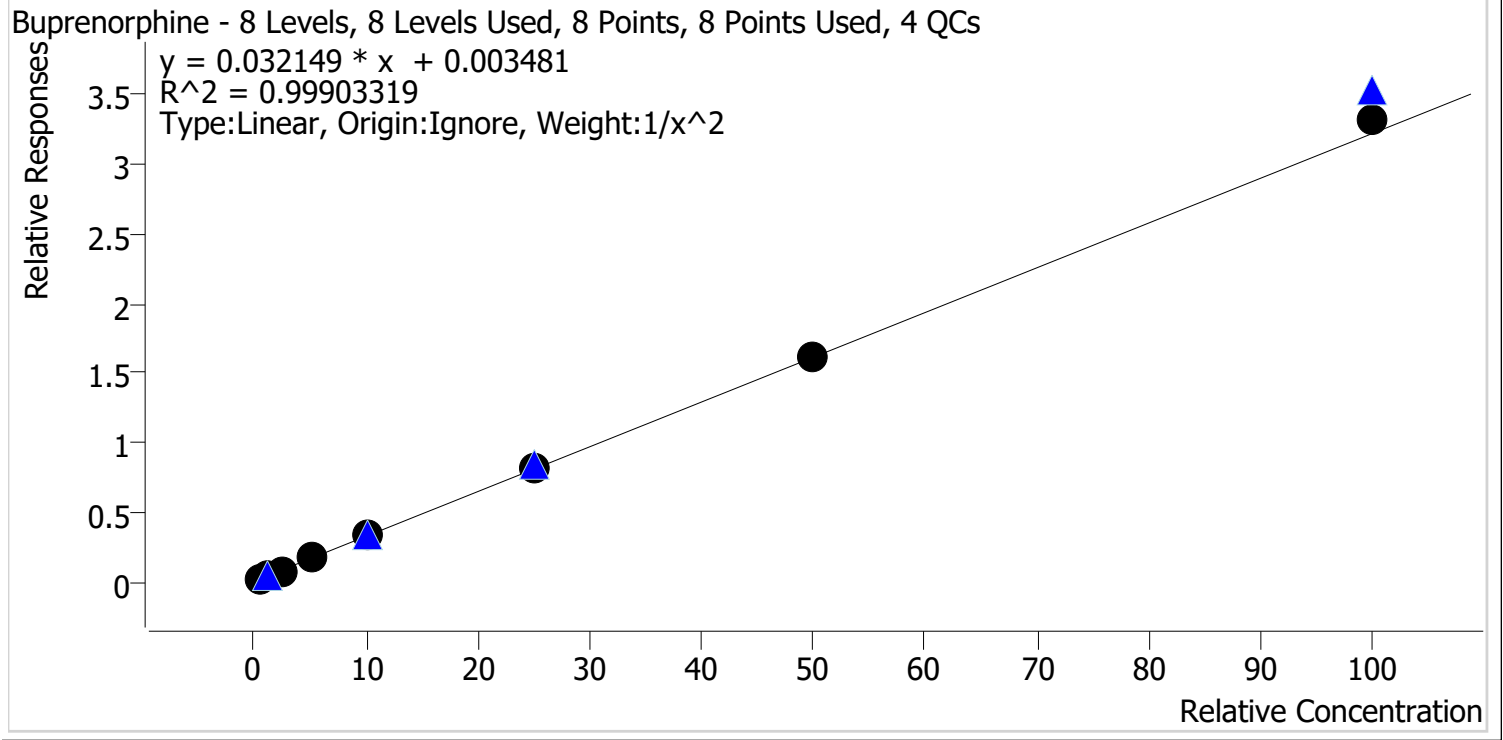
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	244.3	97.7
p1 Cal 7-500ng	7	✓	500.0	519.2	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1039.6	104.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



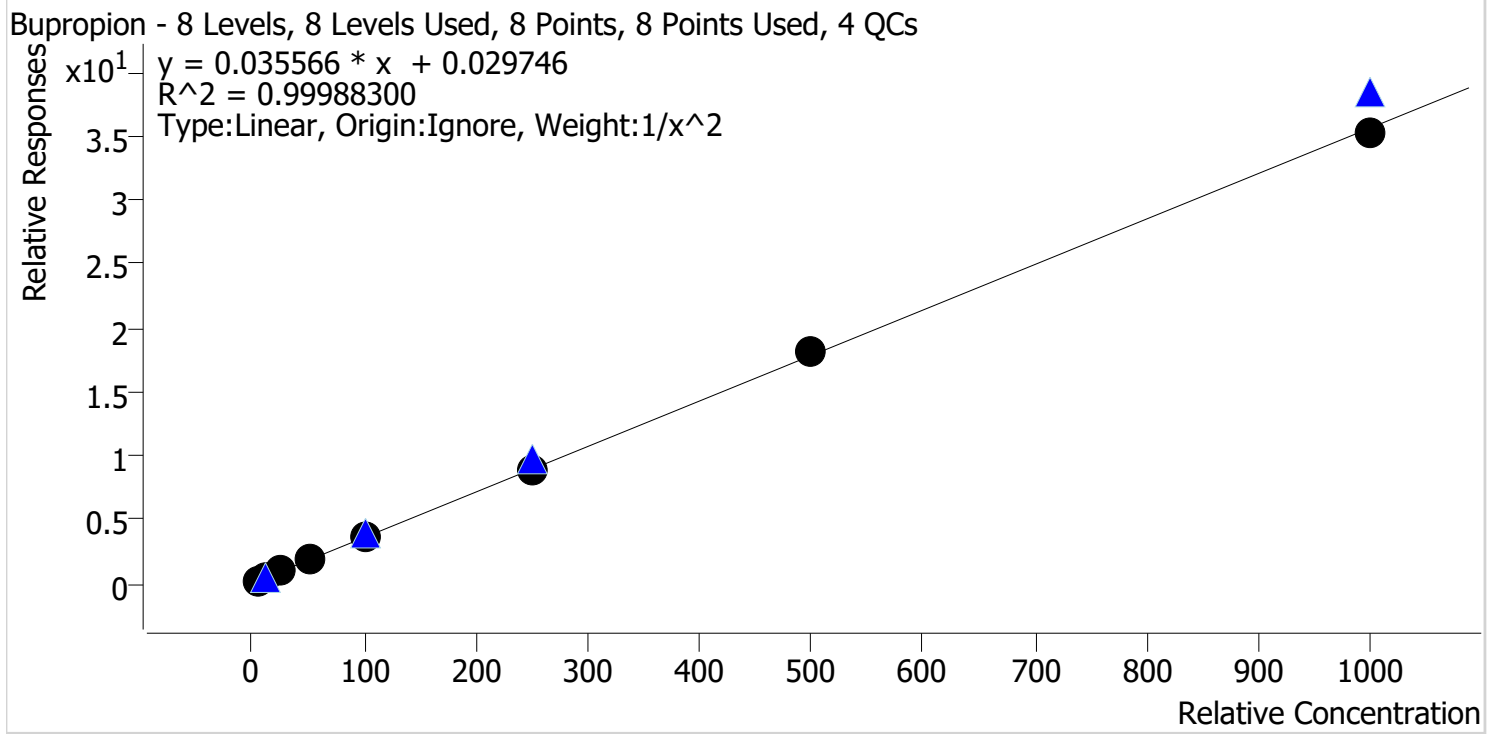
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.9
p1 Cal 2-10ng	2	✓	1.0	1.0	97.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.5
p1 Cal 4-50ng	4	✓	5.0	5.2	103.4
p1 Cal 5-100ng	5	✓	10.0	9.9	99.1
p1 Cal 6-250ng	6	✓	25.0	24.9	99.5
p1 Cal 7-500ng	7	✓	50.0	50.1	100.2
p1 Cal 8-1000ng	8	✓	100.0	102.9	102.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	993.0	99.3

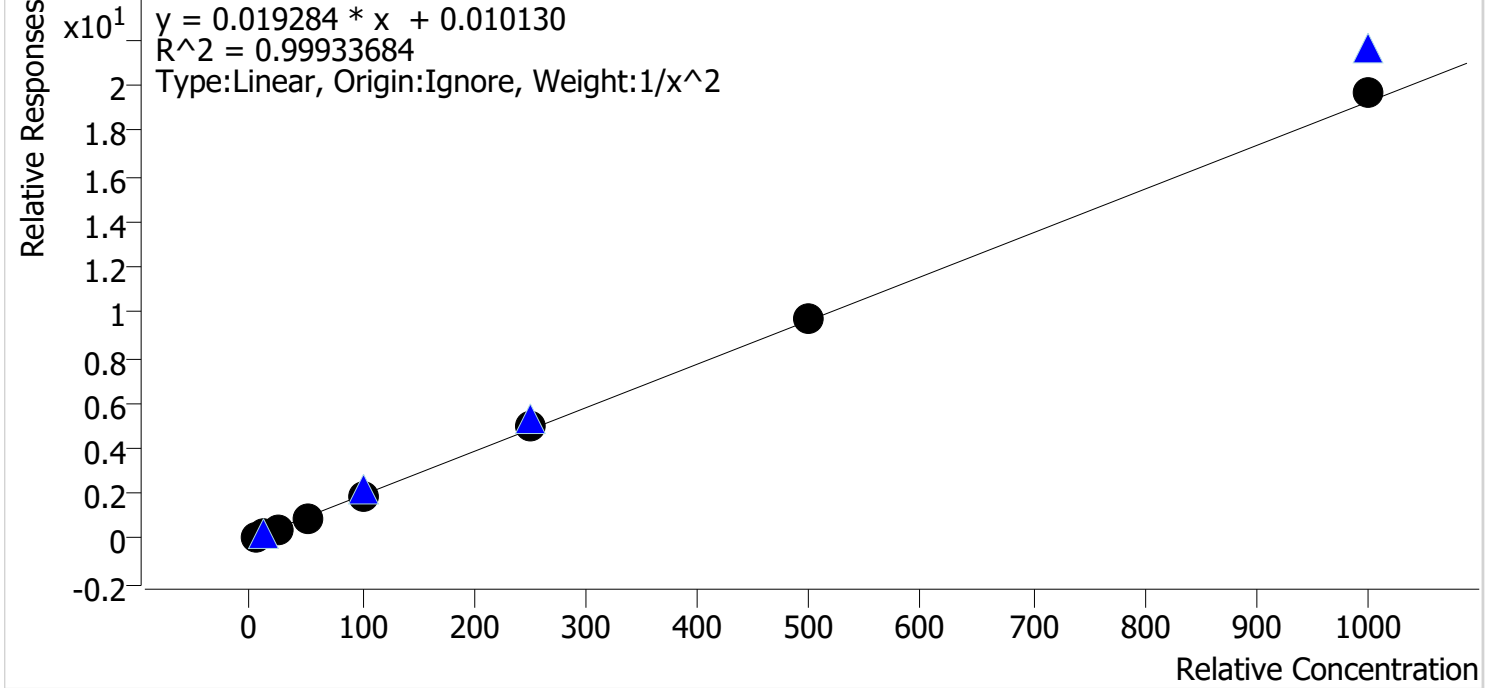


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



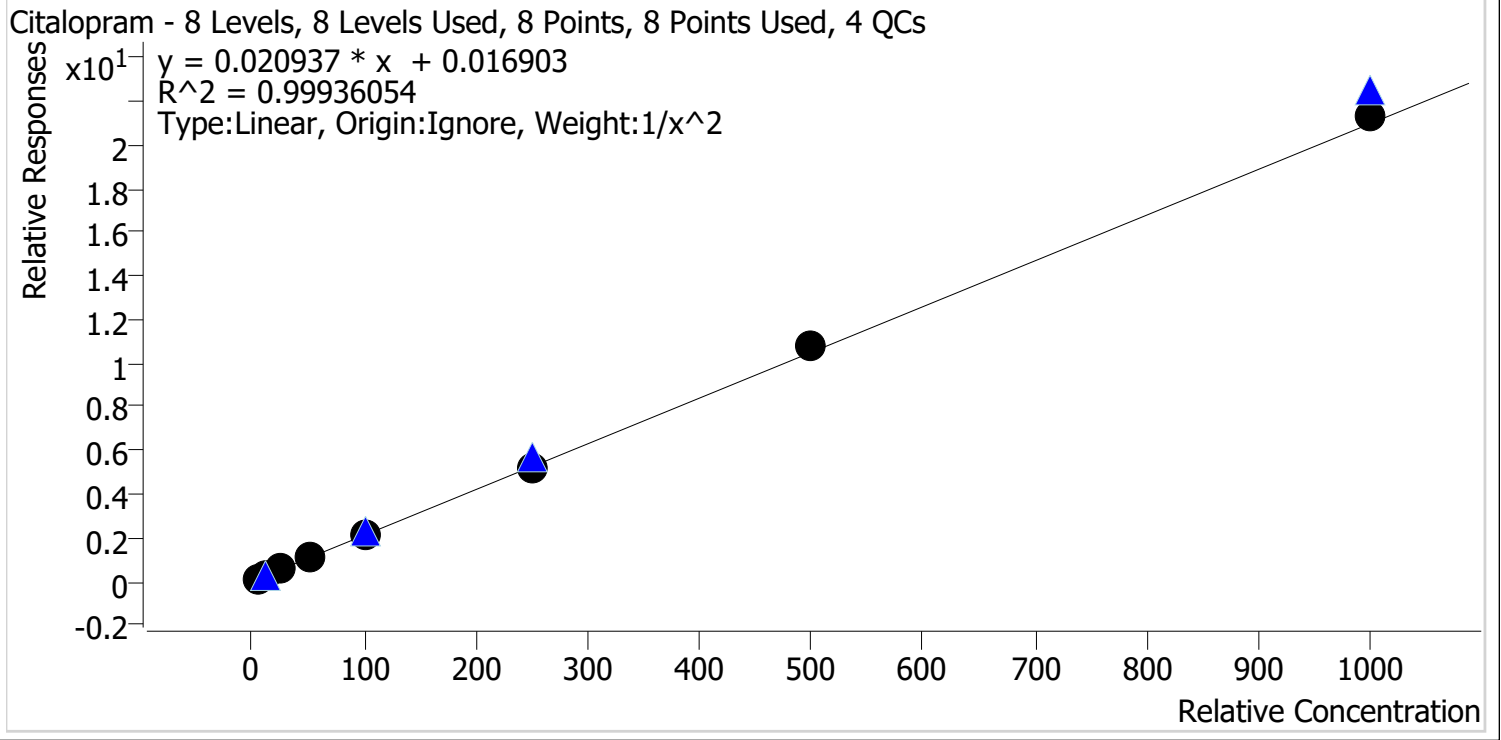
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
p1 Cal 7-500ng	7	✓	500.0	501.3	100.3
p1 Cal 8-1000ng	8	✓	1000.0	1020.3	102.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



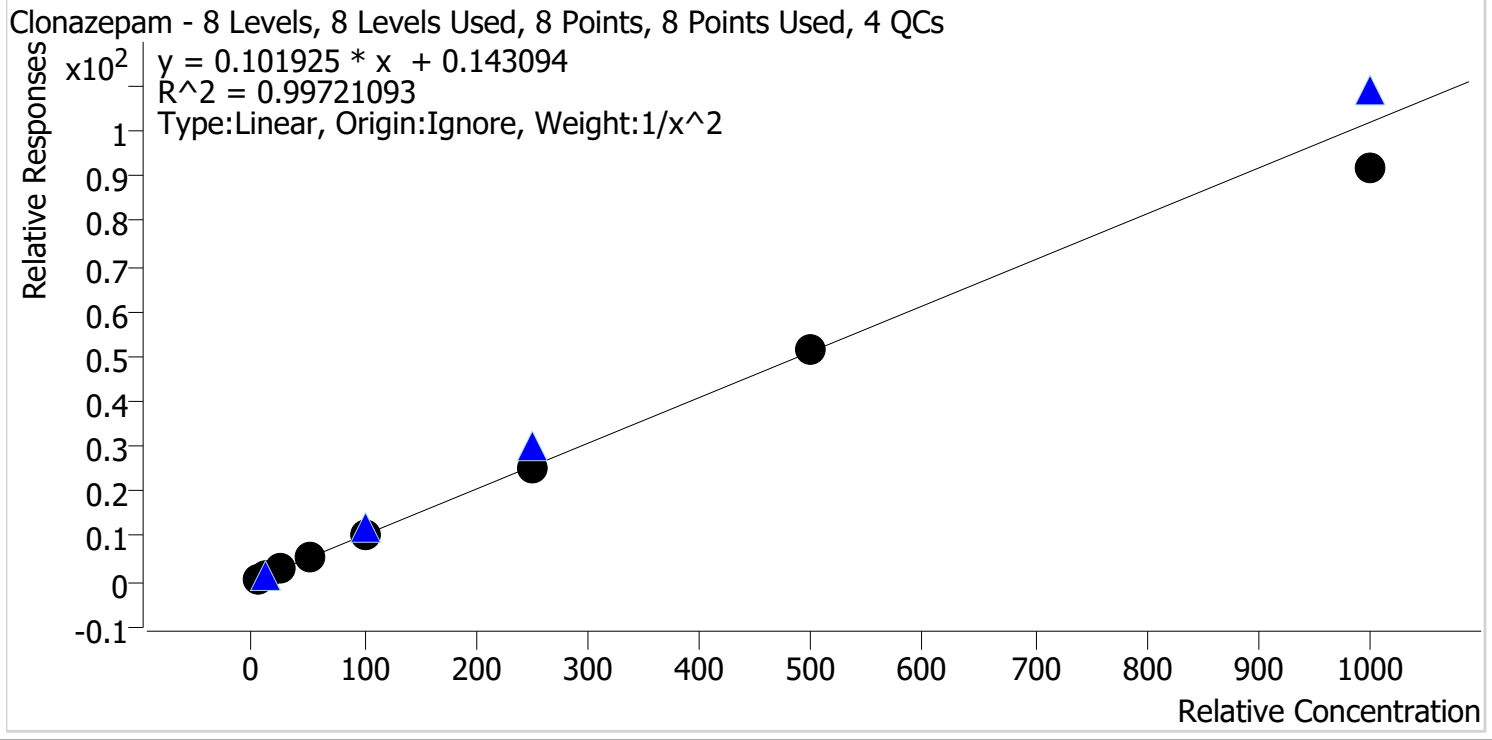
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	518.3	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1019.1	101.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.8
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	501.3	100.3
p1 Cal 8-1000ng	8	✓	1000.0	900.0	90.0

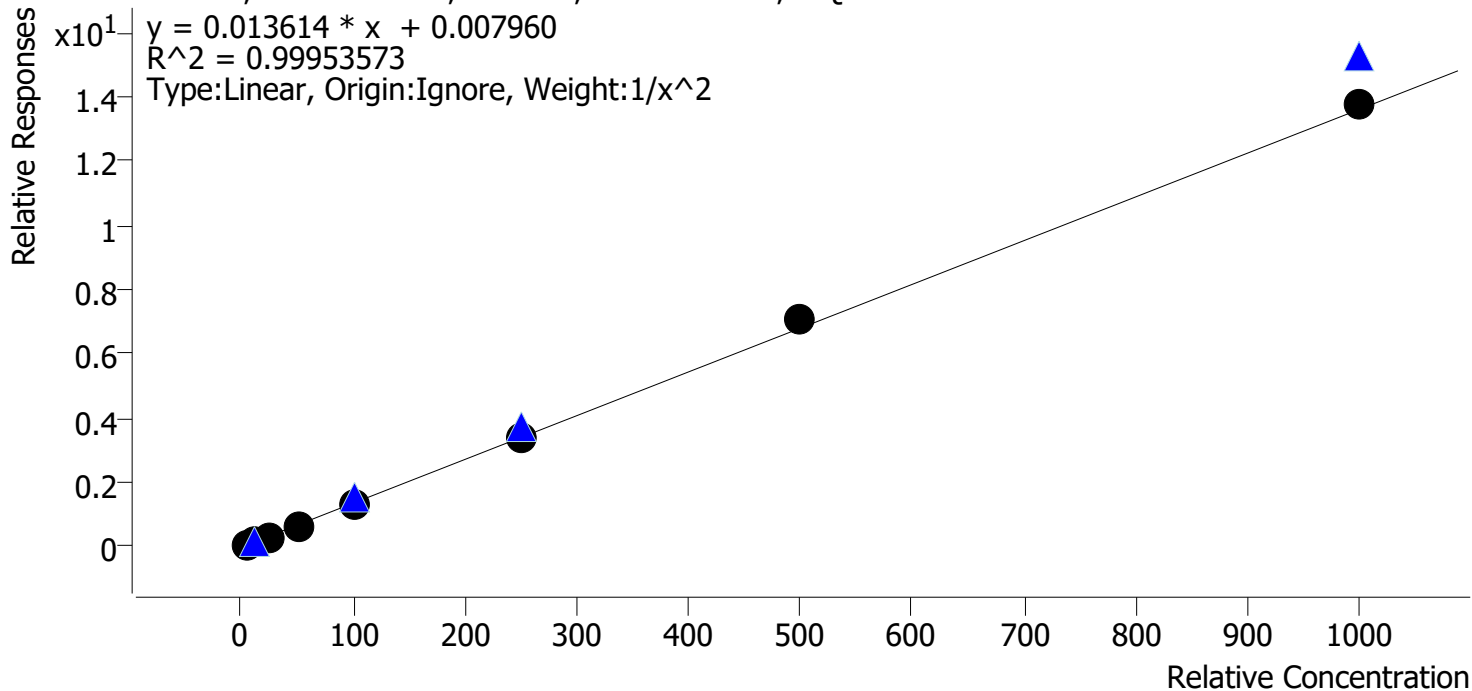
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



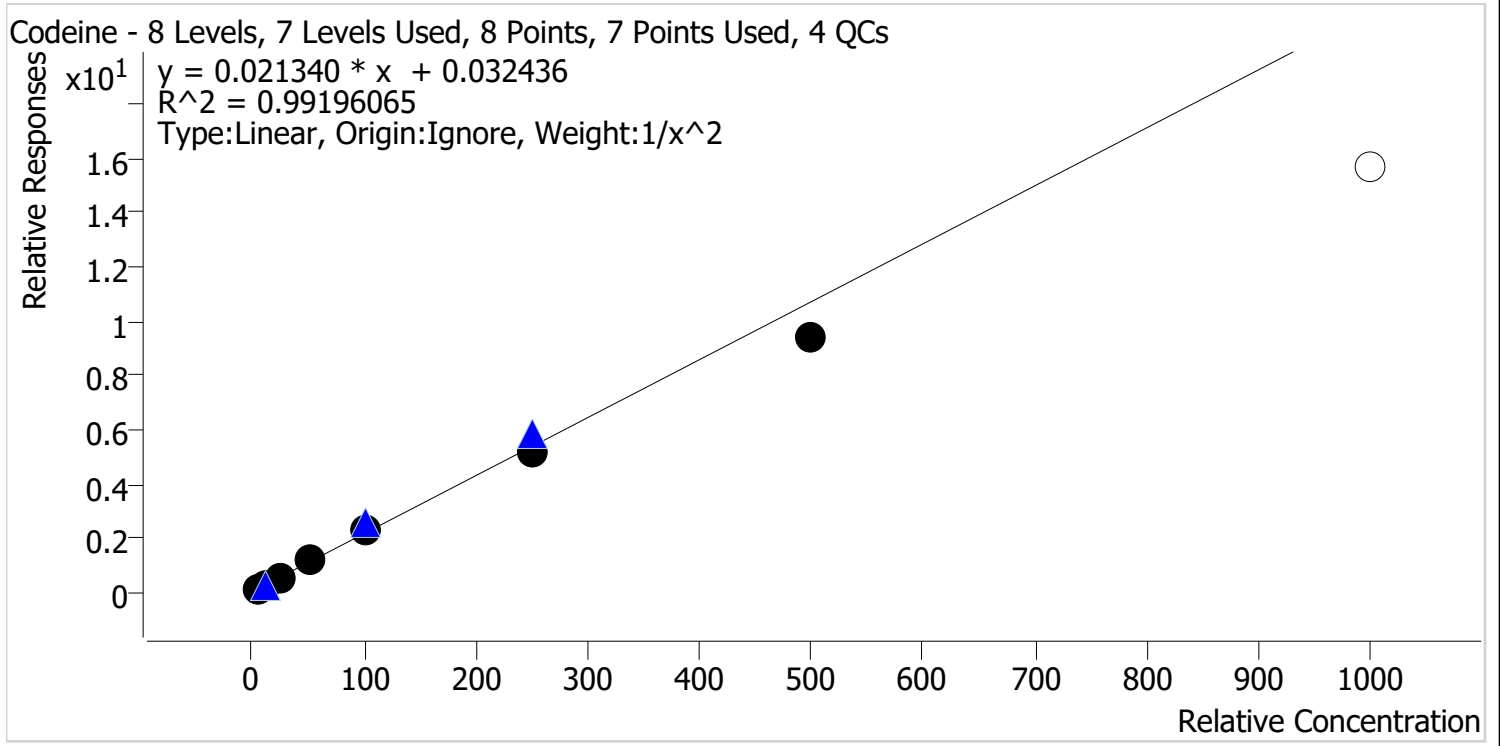
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	516.5	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1012.1	101.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
 Last Cal. Update 9/9/2021 9:05 AM
 Analyst Name ISP\datastor
 Analyte Codeine Internal Standard Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.7	107.2
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	238.9	95.6
p1 Cal 7-500ng	7	✓	500.0	435.6	87.1
p1 Cal 8-1000ng	8	✗	1000.0	732.7	73.3

Calibrator 8 dropped due to accuracy.

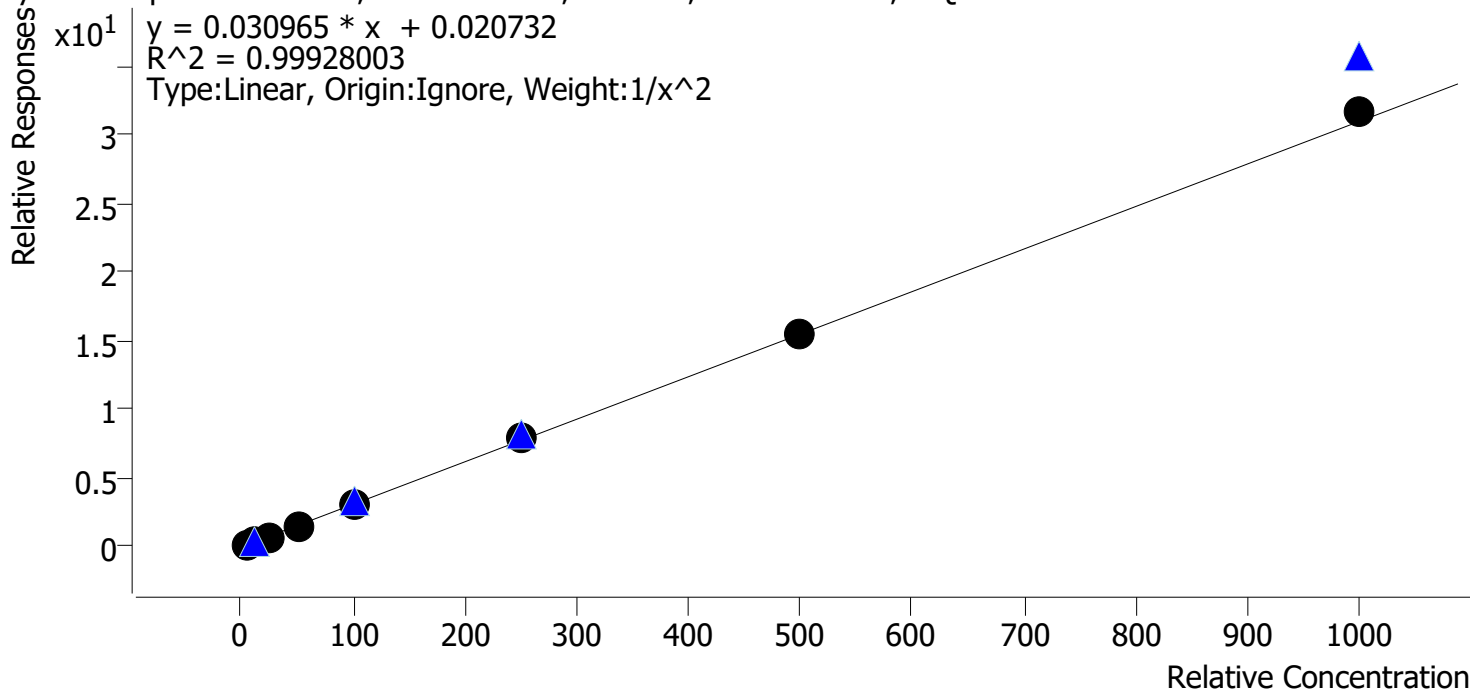
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



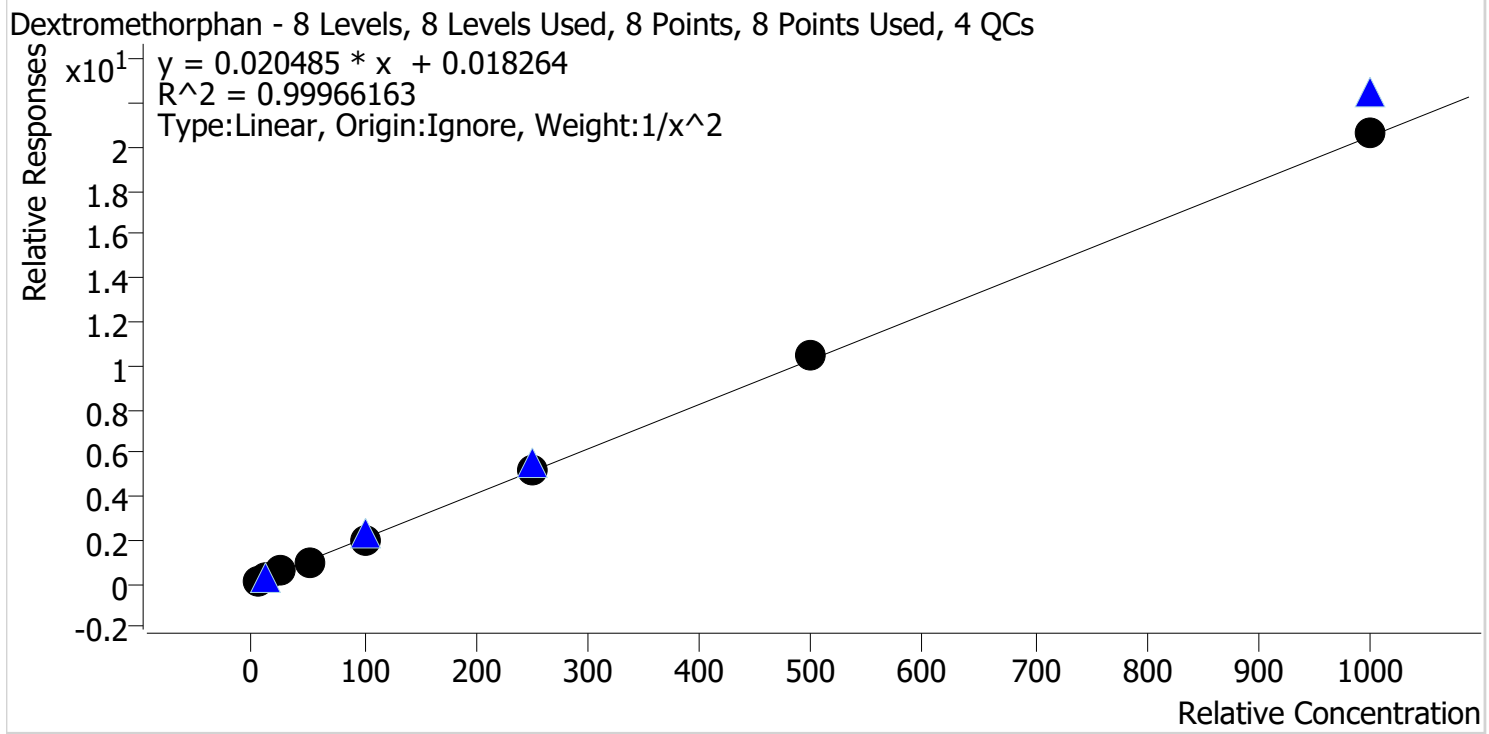
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	256.4	102.6
p1 Cal 7-500ng	7	✓	500.0	500.1	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1025.7	102.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	100.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1011.9	101.2

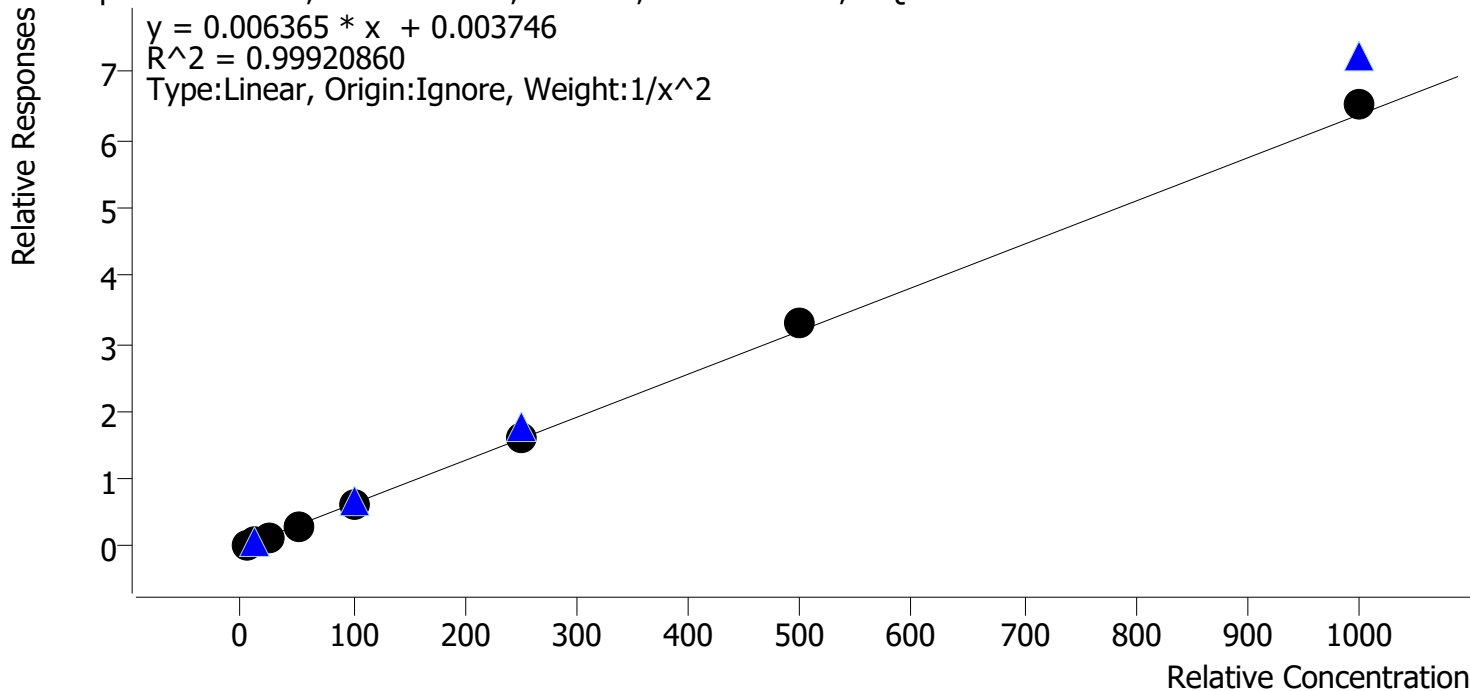
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



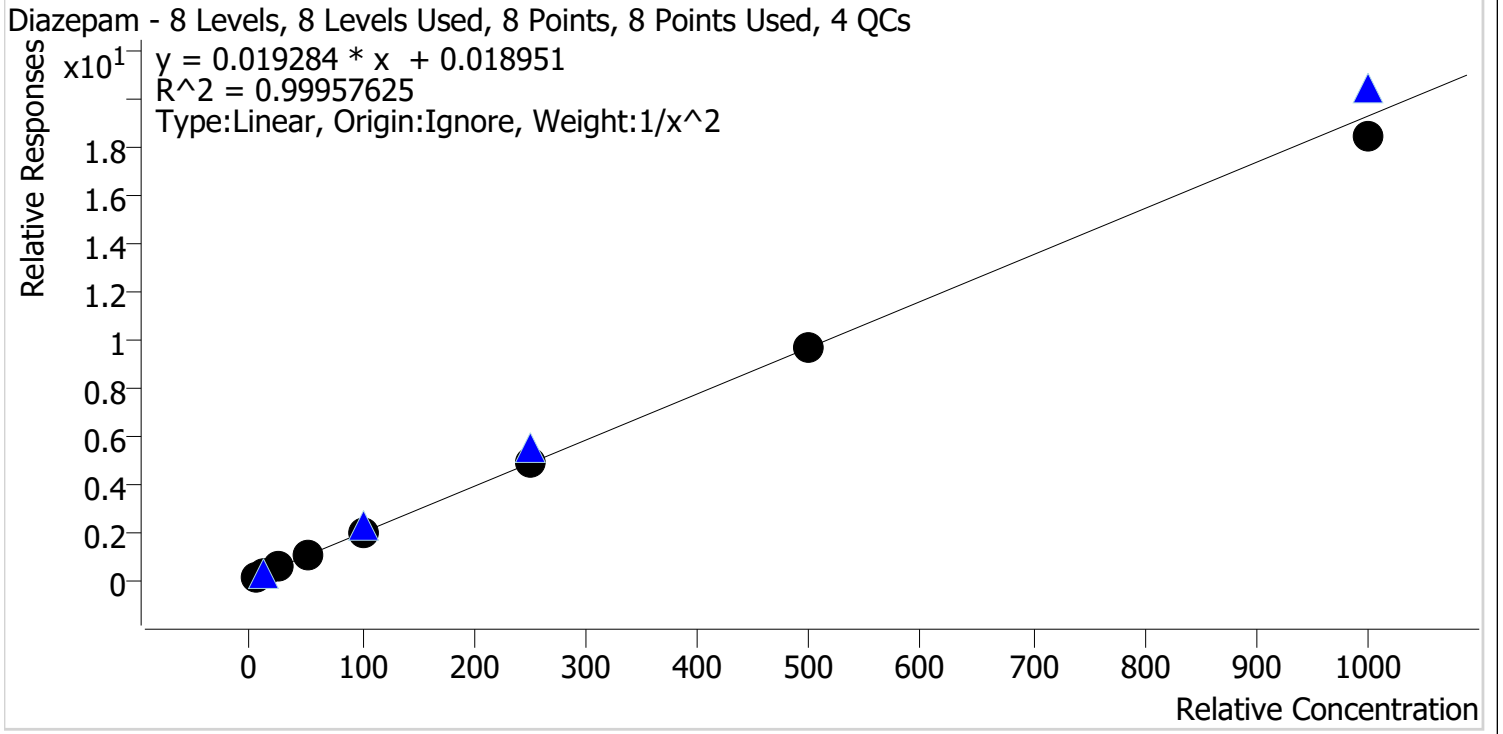
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	517.5	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1028.0	102.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng	7	✓	500.0	501.4	100.3
p1 Cal 8-1000ng	8	✓	1000.0	959.6	96.0

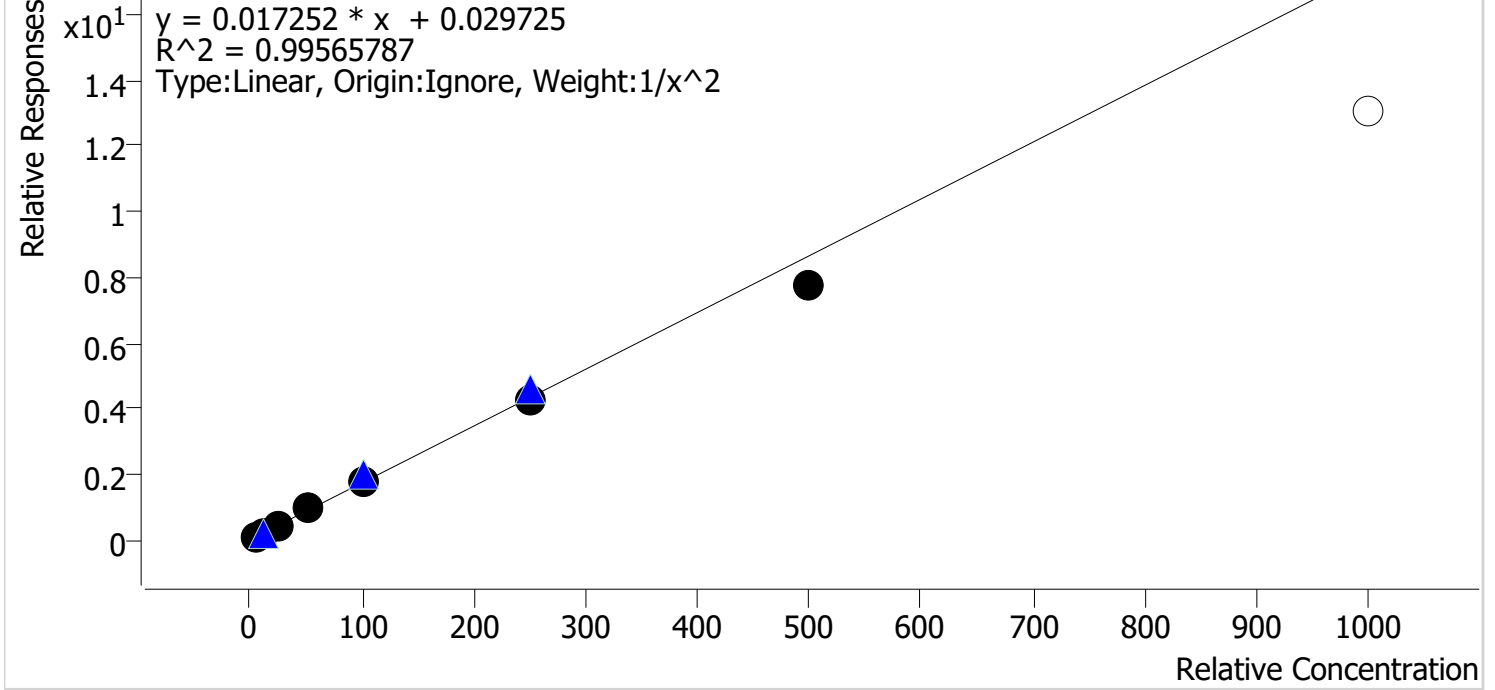


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 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	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	242.8	97.1
p1 Cal 7-500ng	7	✓	500.0	449.2	89.8
p1 Cal 8-1000ng	8	✗	1000.0	752.8	75.3

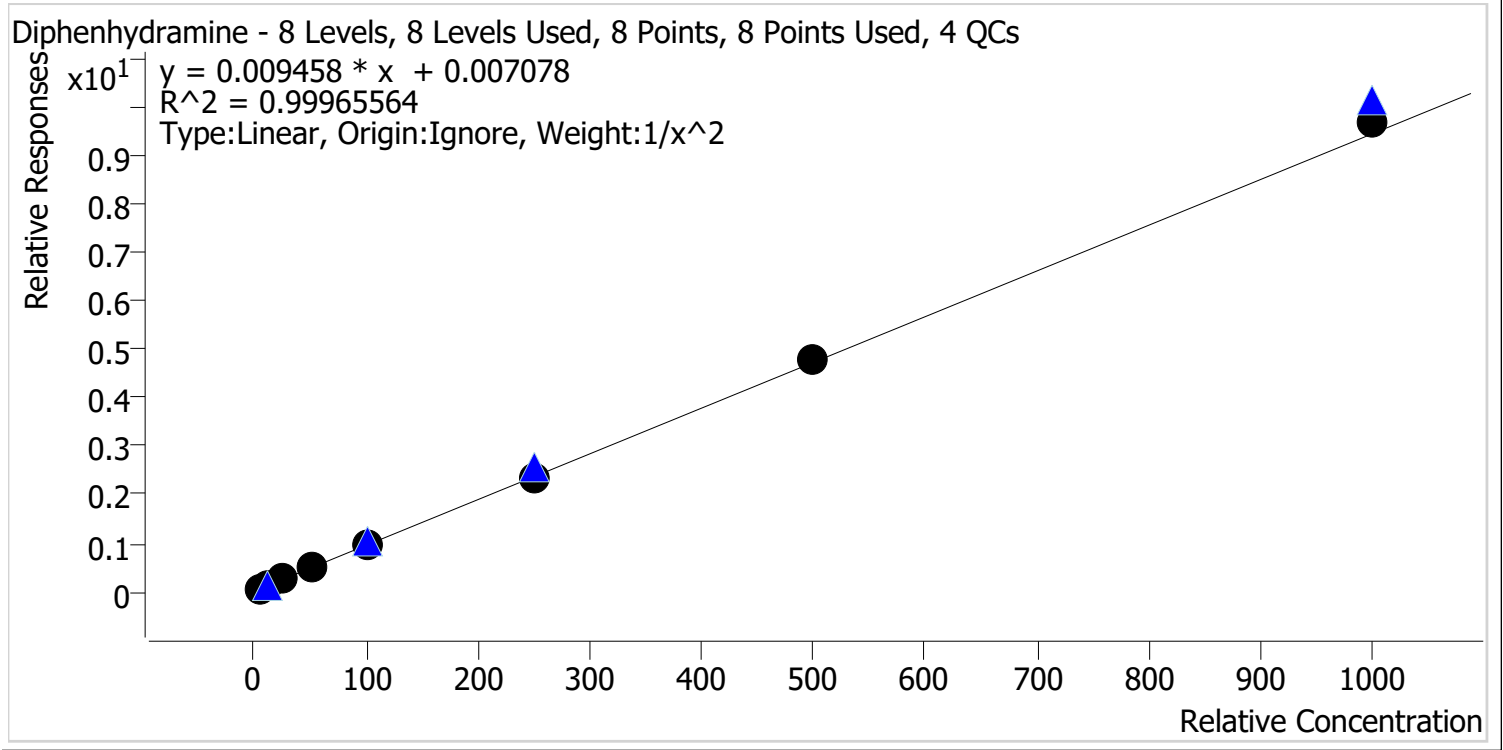
Calibrator 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



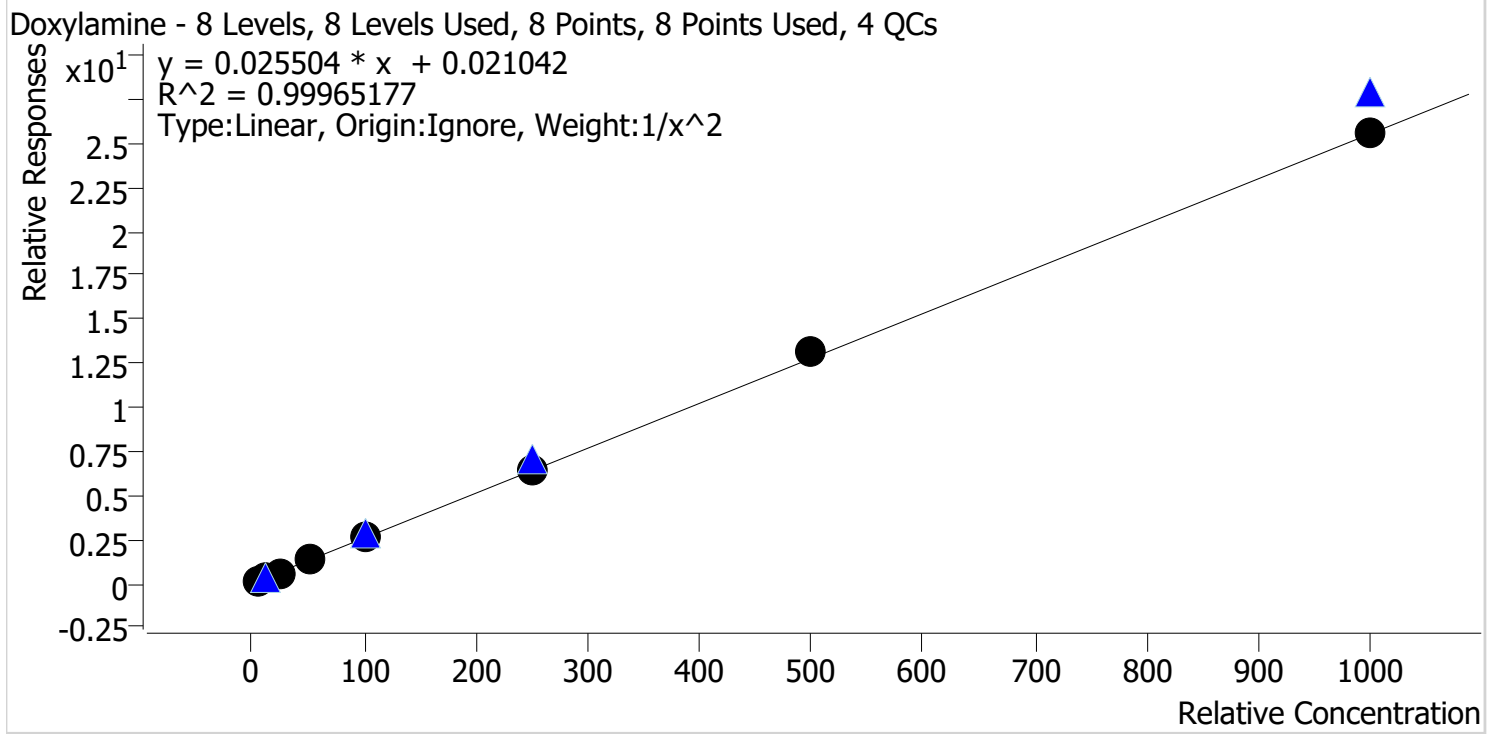
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.1	98.3
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	510.3	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1022.0	102.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	100.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	49.5	98.9
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	512.0	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1000.5	100.0

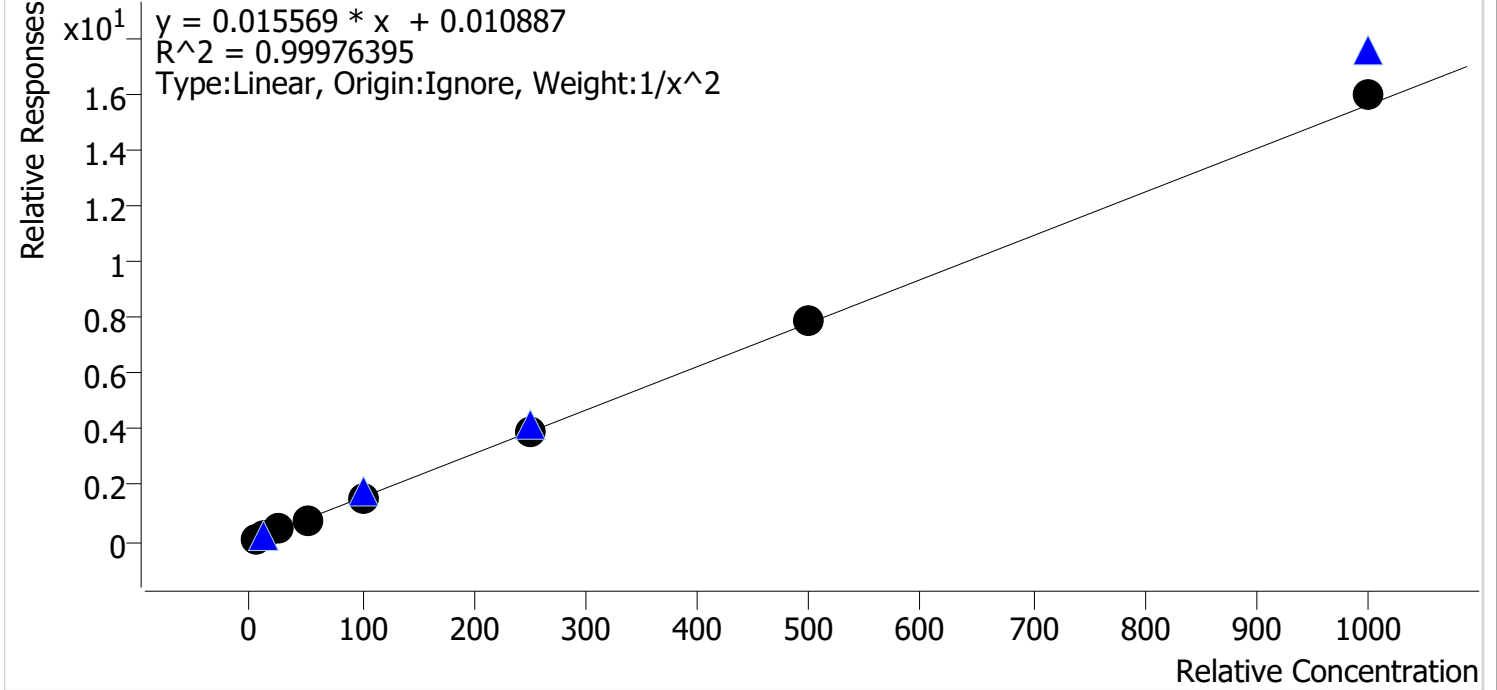


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
 Last Cal. Update 9/9/2021 9:05 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	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	502.5	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1020.5	102.0

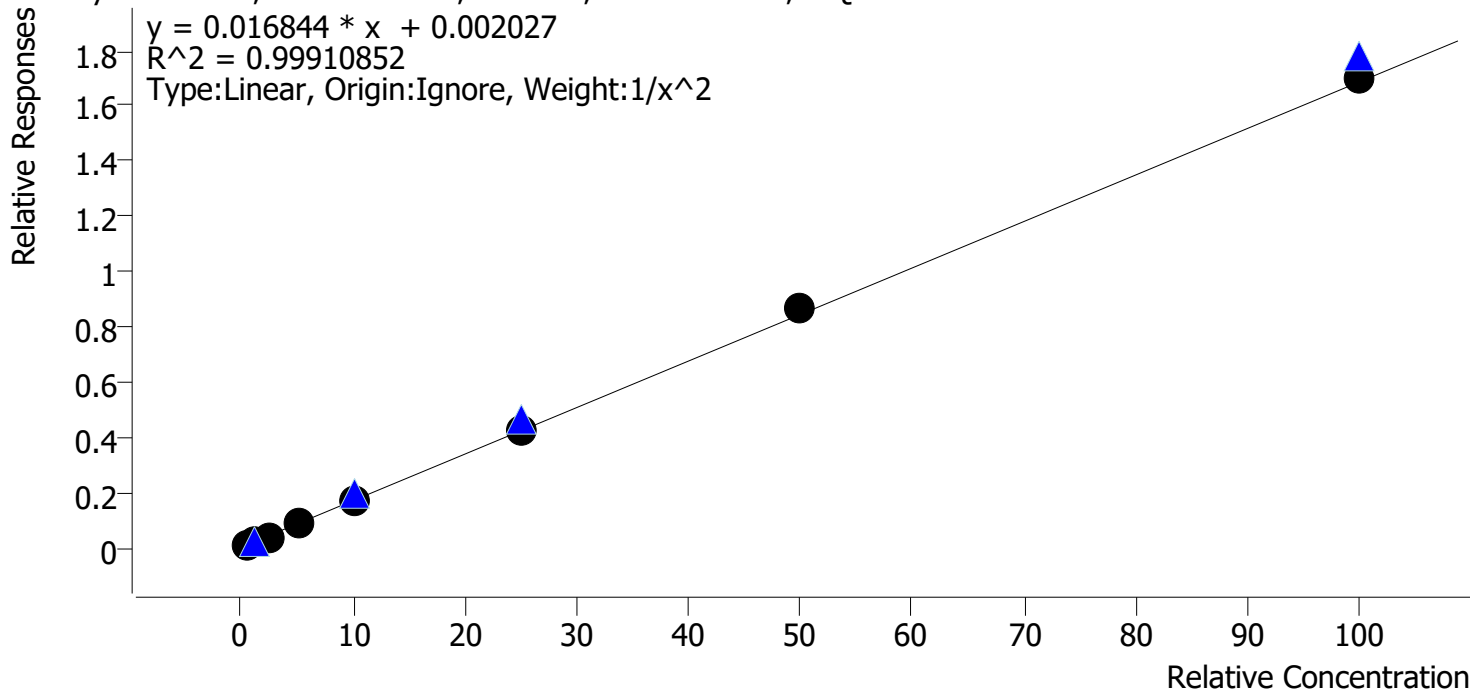
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



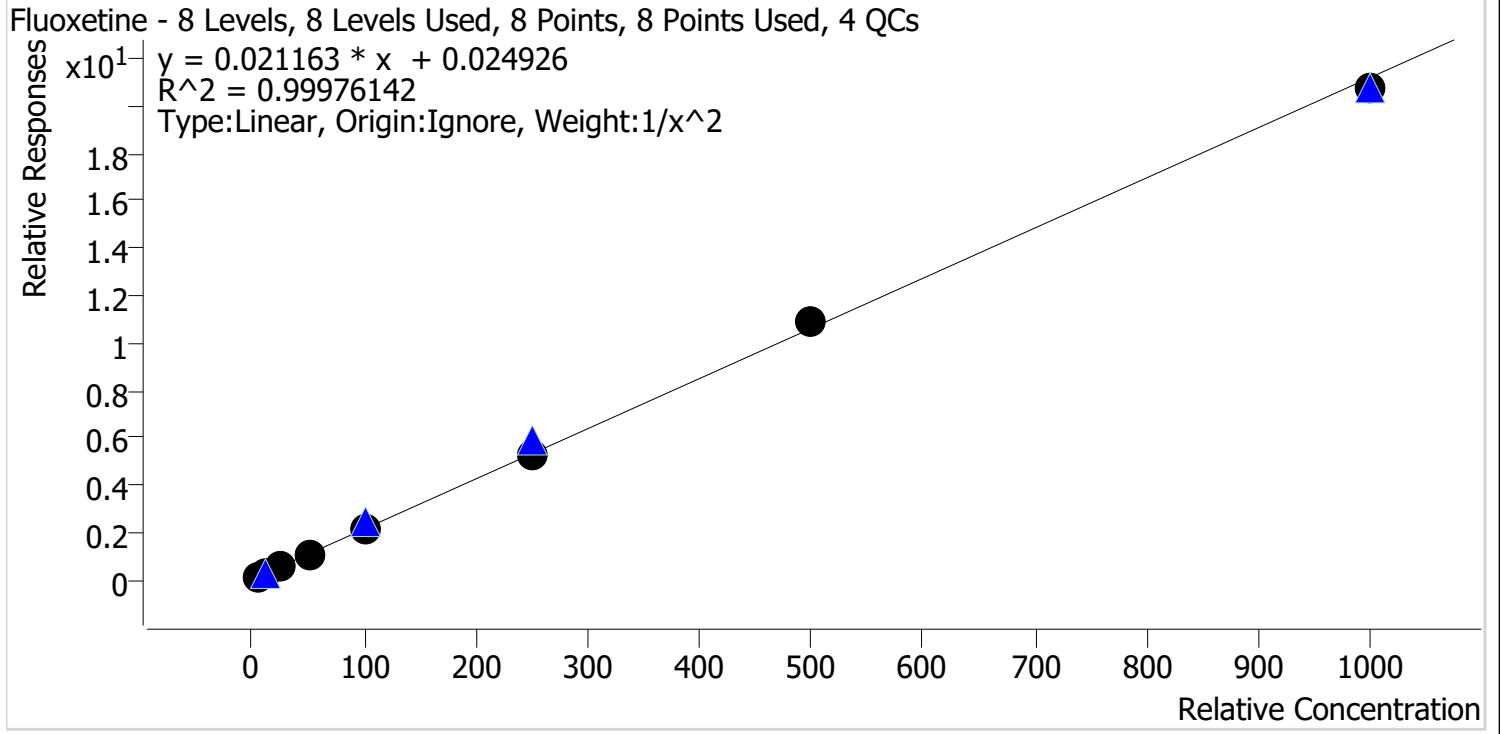
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.5
p1 Cal 2-10ng	2	✓	1.0	1.0	99.1
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.4
p1 Cal 4-50ng	4	✓	5.0	5.0	100.2
p1 Cal 5-100ng	5	✓	10.0	9.9	99.2
p1 Cal 6-250ng	6	✓	25.0	25.5	101.9
p1 Cal 7-500ng	7	✓	50.0	51.3	102.7
p1 Cal 8-1000ng	8	✓	100.0	101.0	101.0



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	49.8	99.7
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	510.2	102.0
p1 Cal 8-1000ng	8	✓	1000.0	975.6	97.6

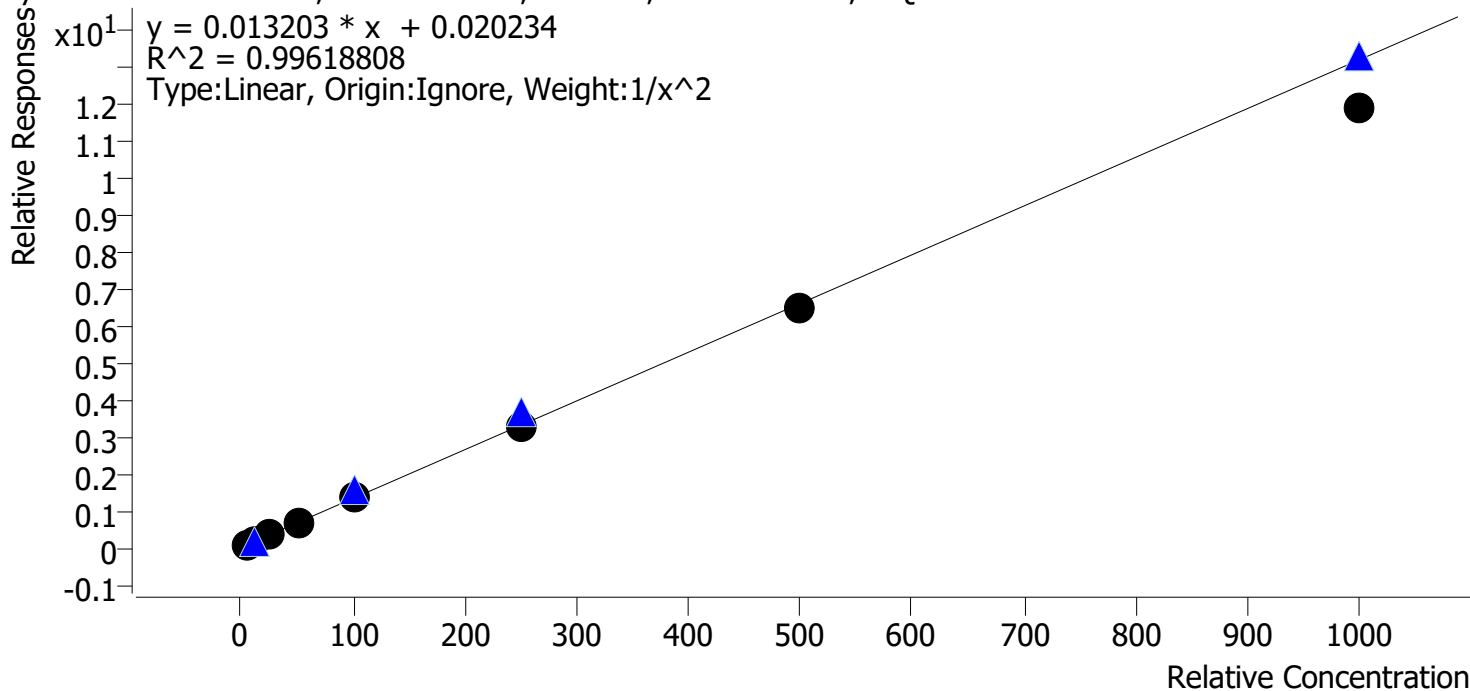
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



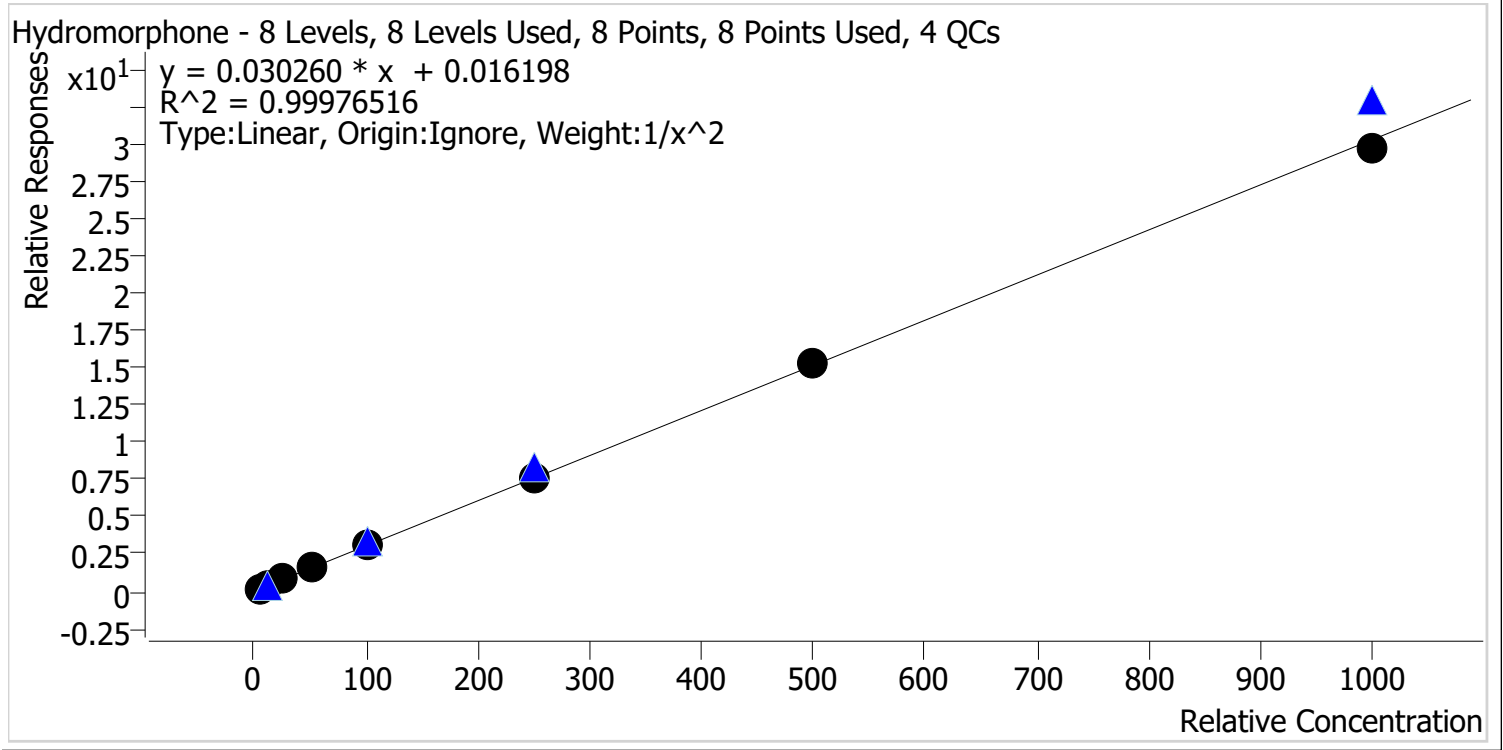
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	491.9	98.4
p1 Cal 8-1000ng	8	✓	1000.0	898.8	89.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



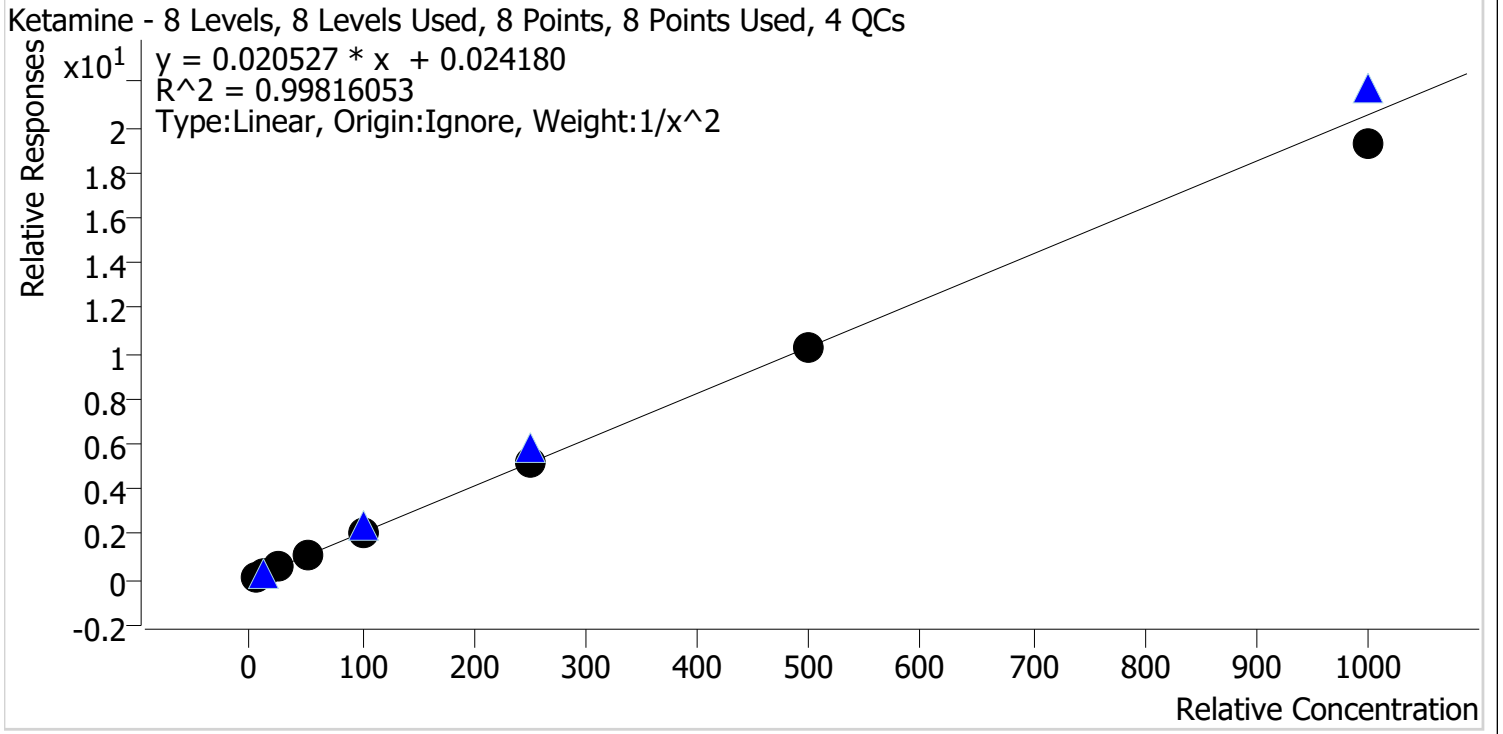
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	508.9	101.8
p1 Cal 8-1000ng	8	✓	1000.0	983.6	98.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
 Last Cal. Update 9/9/2021 9:05 AM
 Analyst Name ISP\datastor
 Analyte Ketamine Internal Standard Ketamine-D4



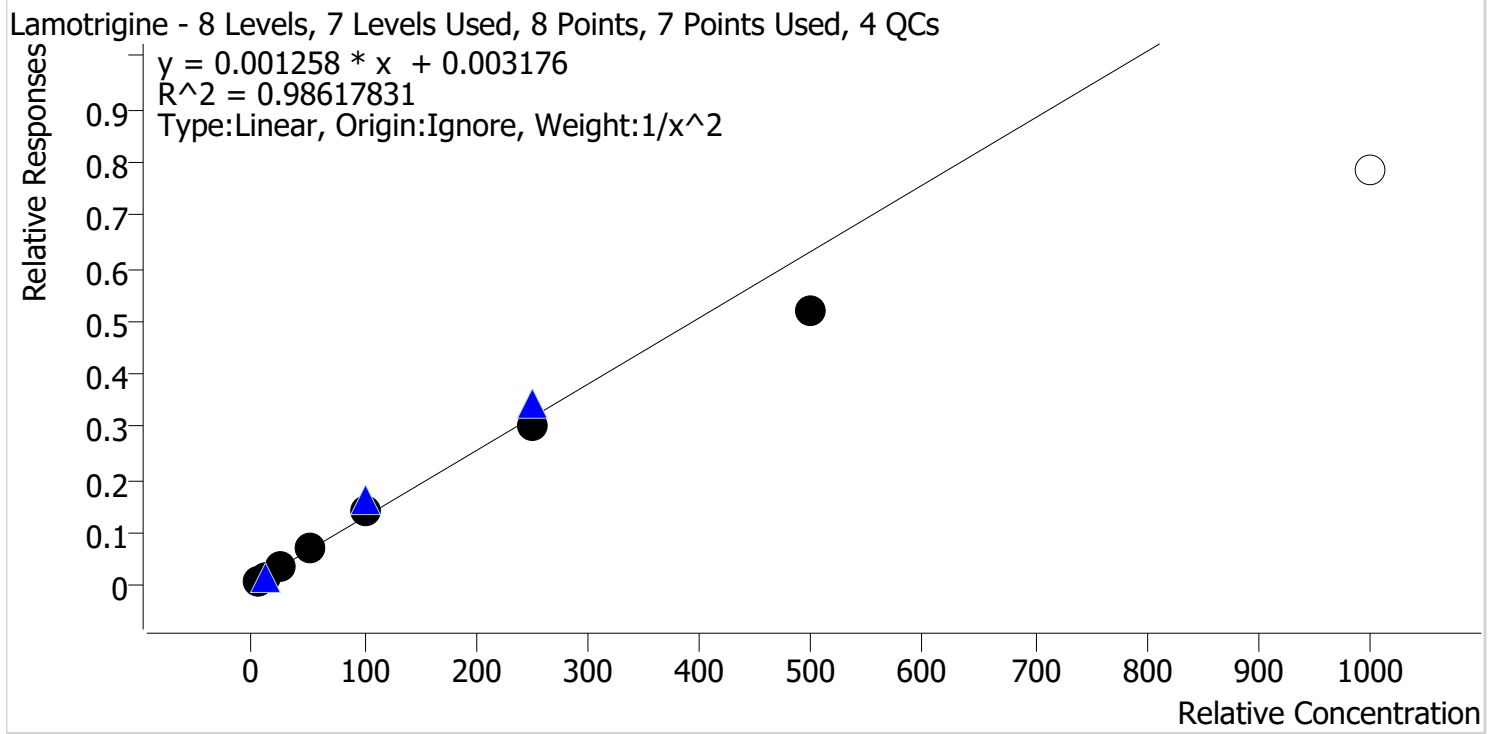
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	495.7	99.1
p1 Cal 8-1000ng	8	✓	1000.0	937.2	93.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	108.1	108.1
p1 Cal 6-250ng	6	✓	250.0	236.6	94.6
p1 Cal 7-500ng	7	✓	500.0	408.4	81.7
p1 Cal 8-1000ng	8	✗	1000.0	623.4	62.3

Calibrator 8 dropped due to accuracy.

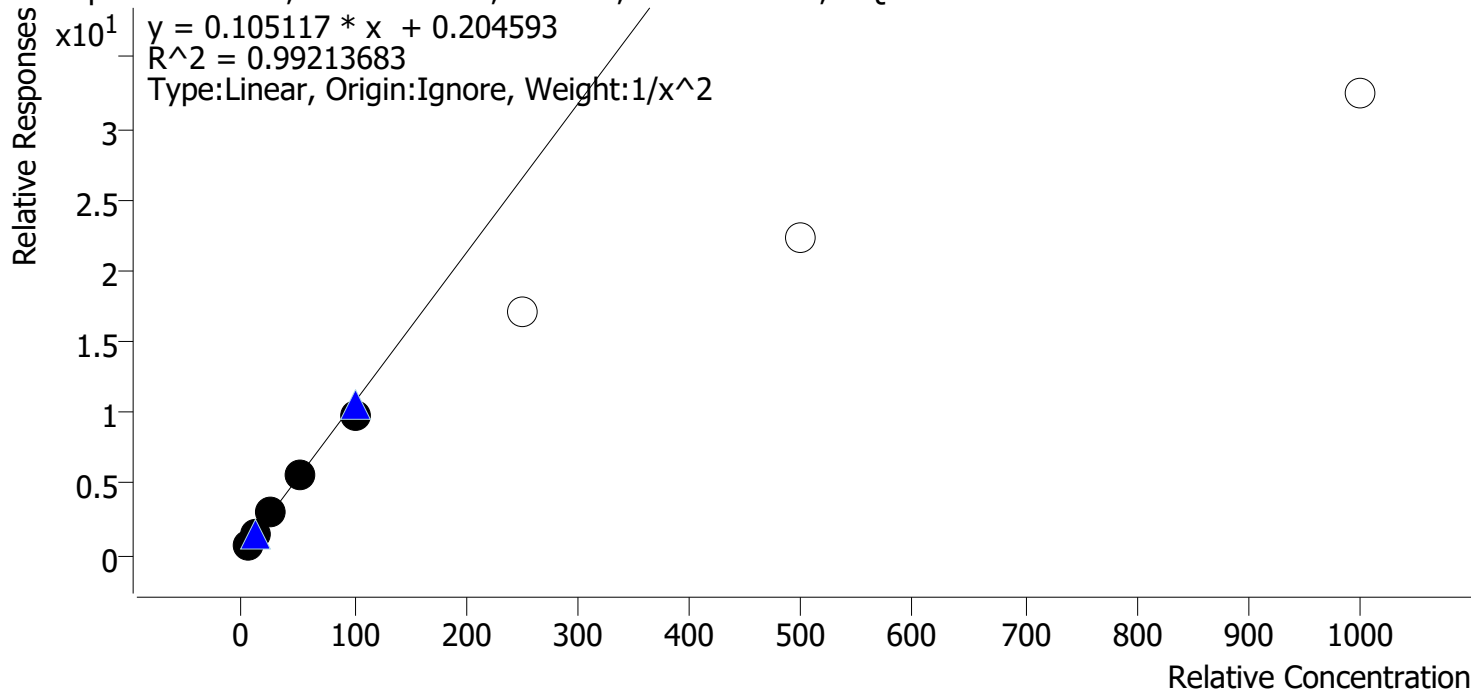
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.7	106.9
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	51.1	102.3
p1 Cal 5-100ng	5	✓	100.0	90.2	90.2
p1 Cal 6-250ng	6	✗	250.0	160.3	64.1
p1 Cal 7-500ng	7	✗	500.0	209.9	42.0
p1 Cal 8-1000ng	8	✗	1000.0	307.1	30.7

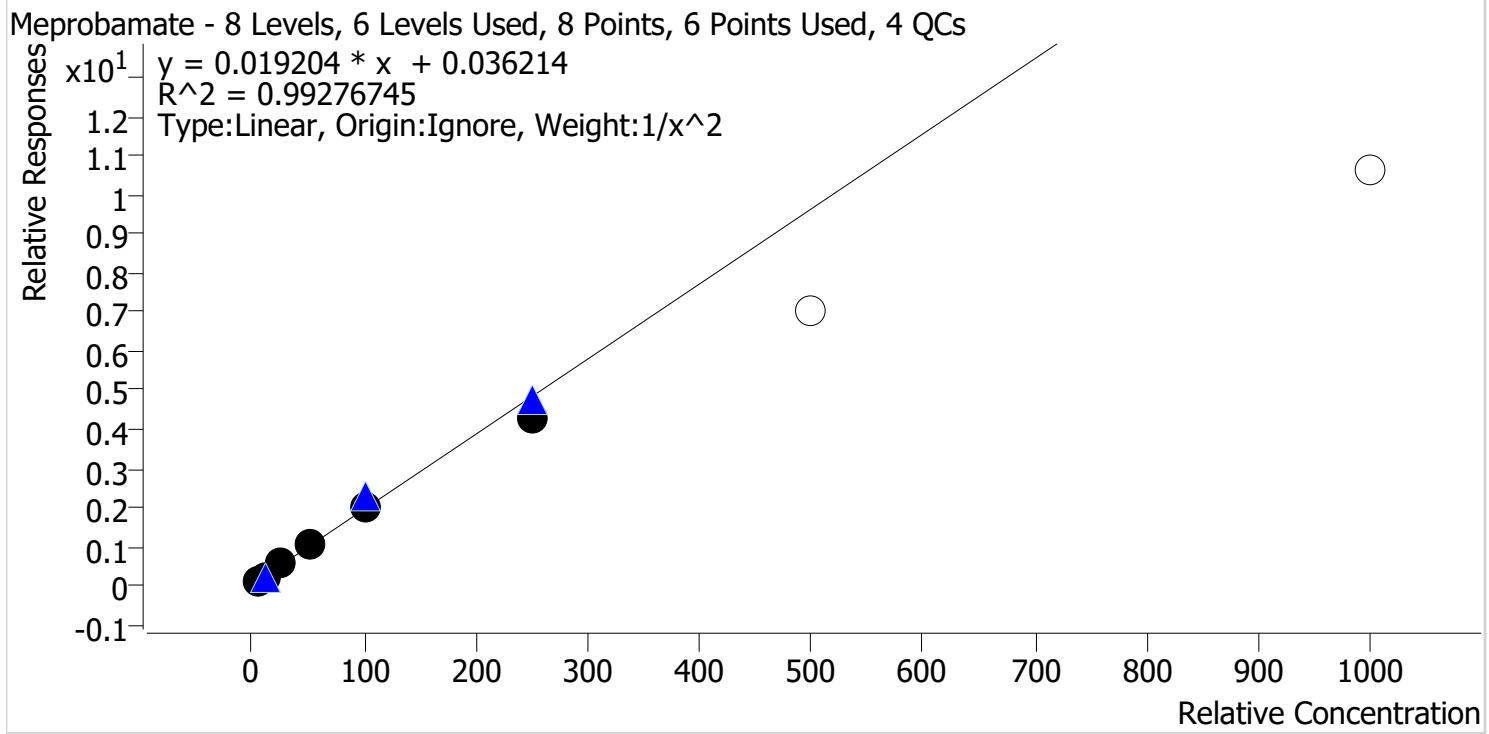
Calibrators 6, 7, and 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.2
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	219.1	87.6
p1 Cal 7-500ng	7	x	500.0	366.0	73.2
p1 Cal 8-1000ng	8	x	1000.0	550.2	55.0

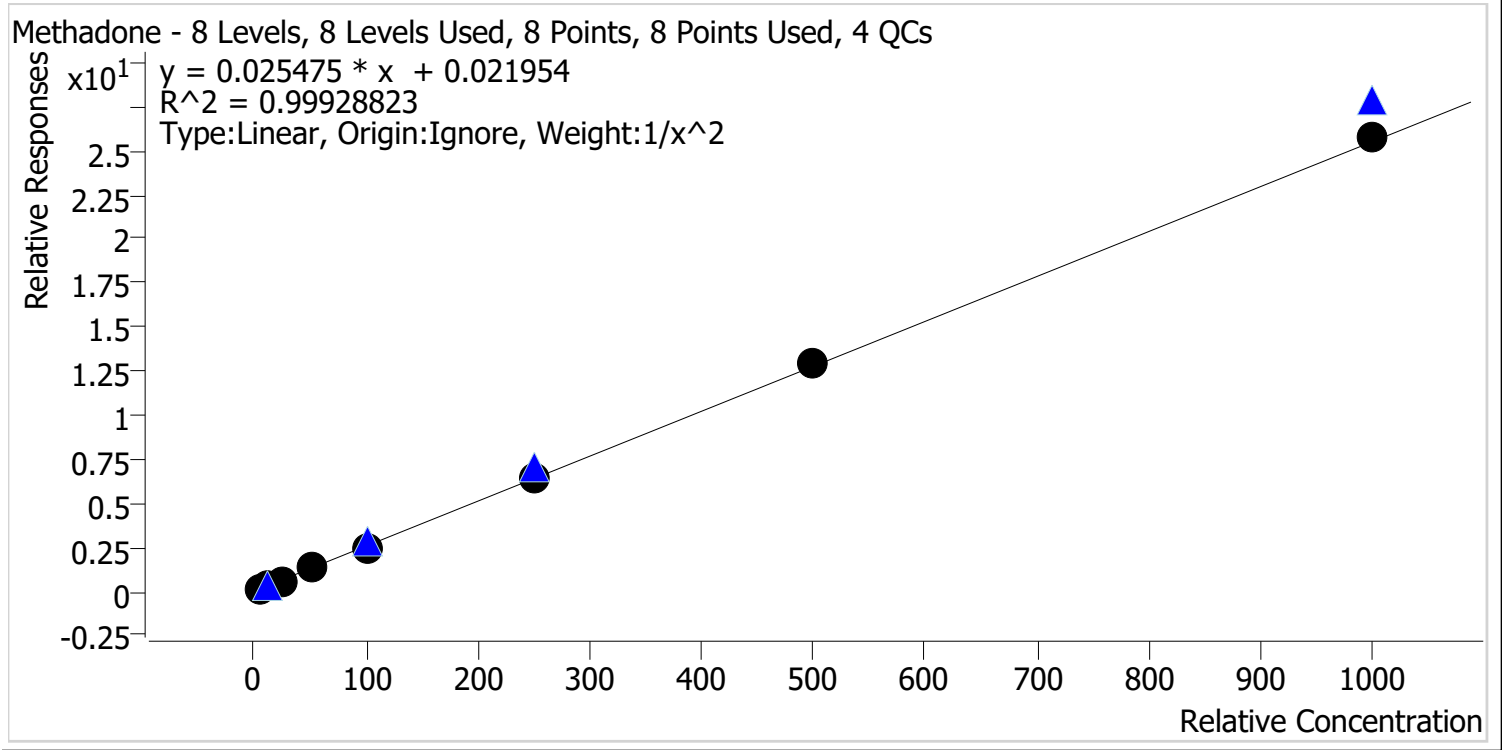
Calibrators 7 and 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



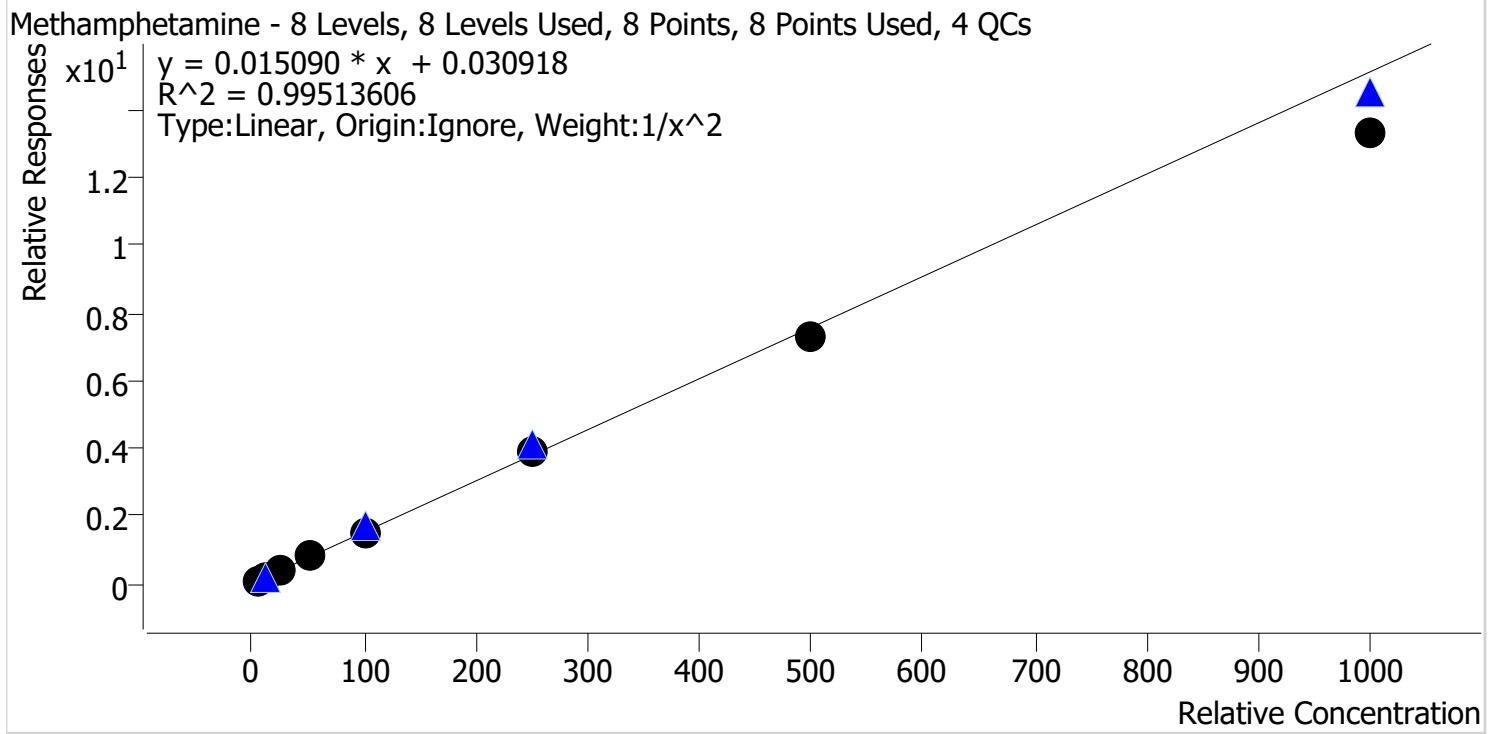
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	50.6	101.3
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	507.8	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1008.3	100.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	260.0	104.0
p1 Cal 7-500ng	7	✓	500.0	485.0	97.0
p1 Cal 8-1000ng	8	✓	1000.0	881.3	88.1

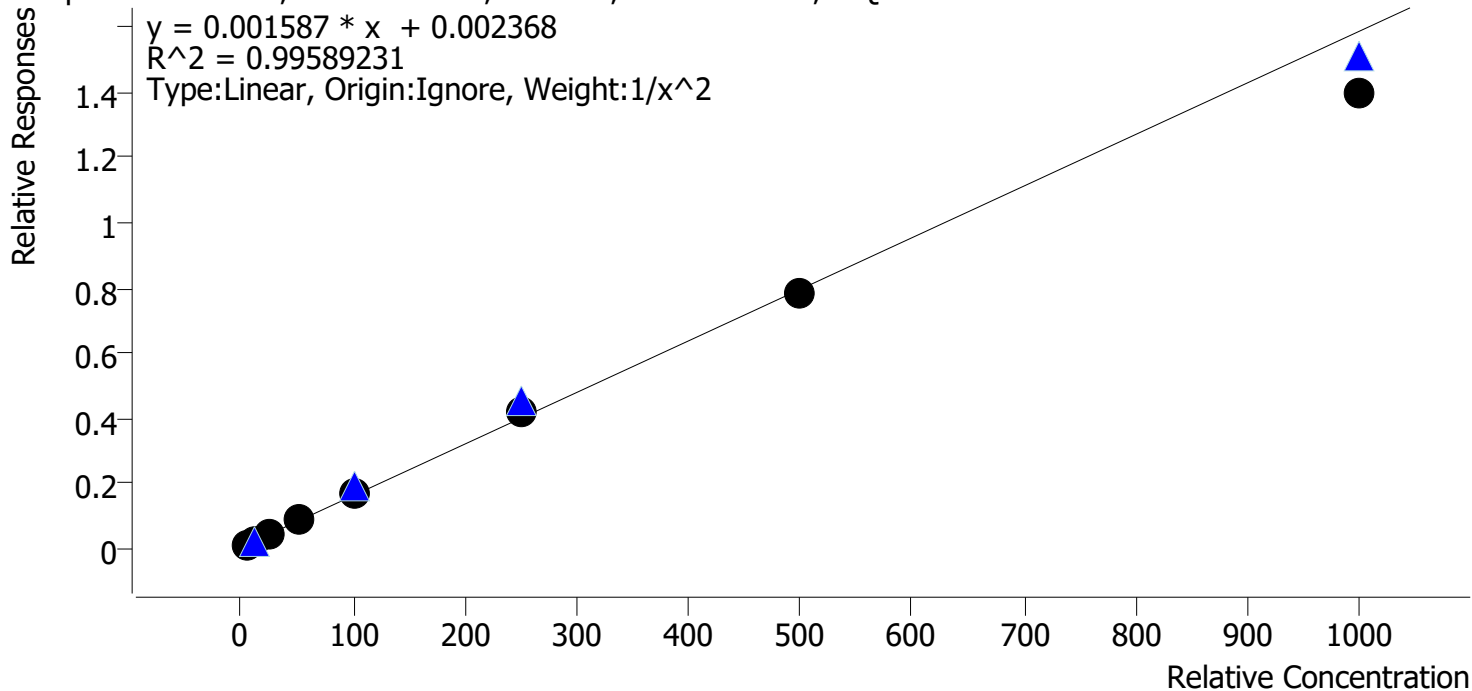
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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



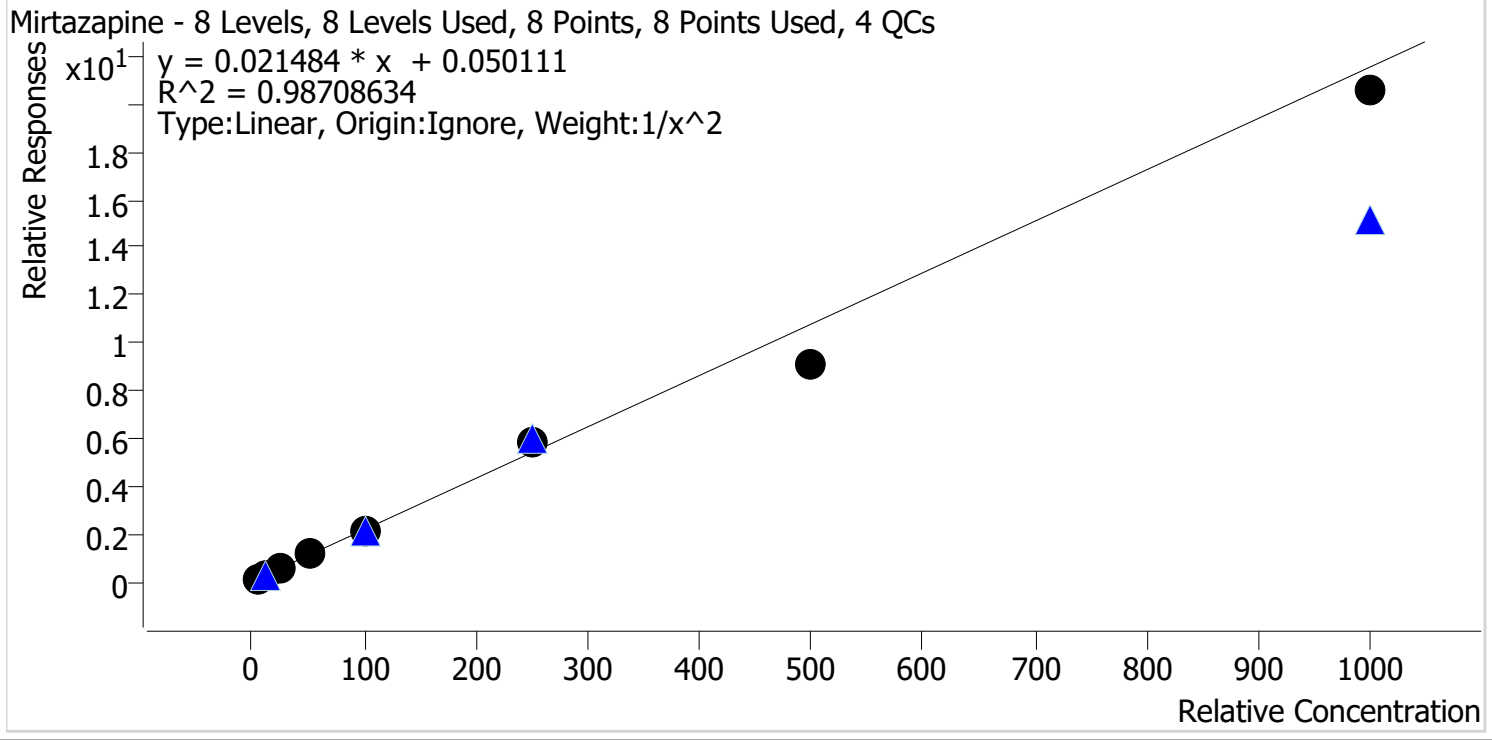
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	262.4	105.0
p1 Cal 7-500ng	7	✓	500.0	492.1	98.4
p1 Cal 8-1000ng	8	✓	1000.0	878.4	87.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



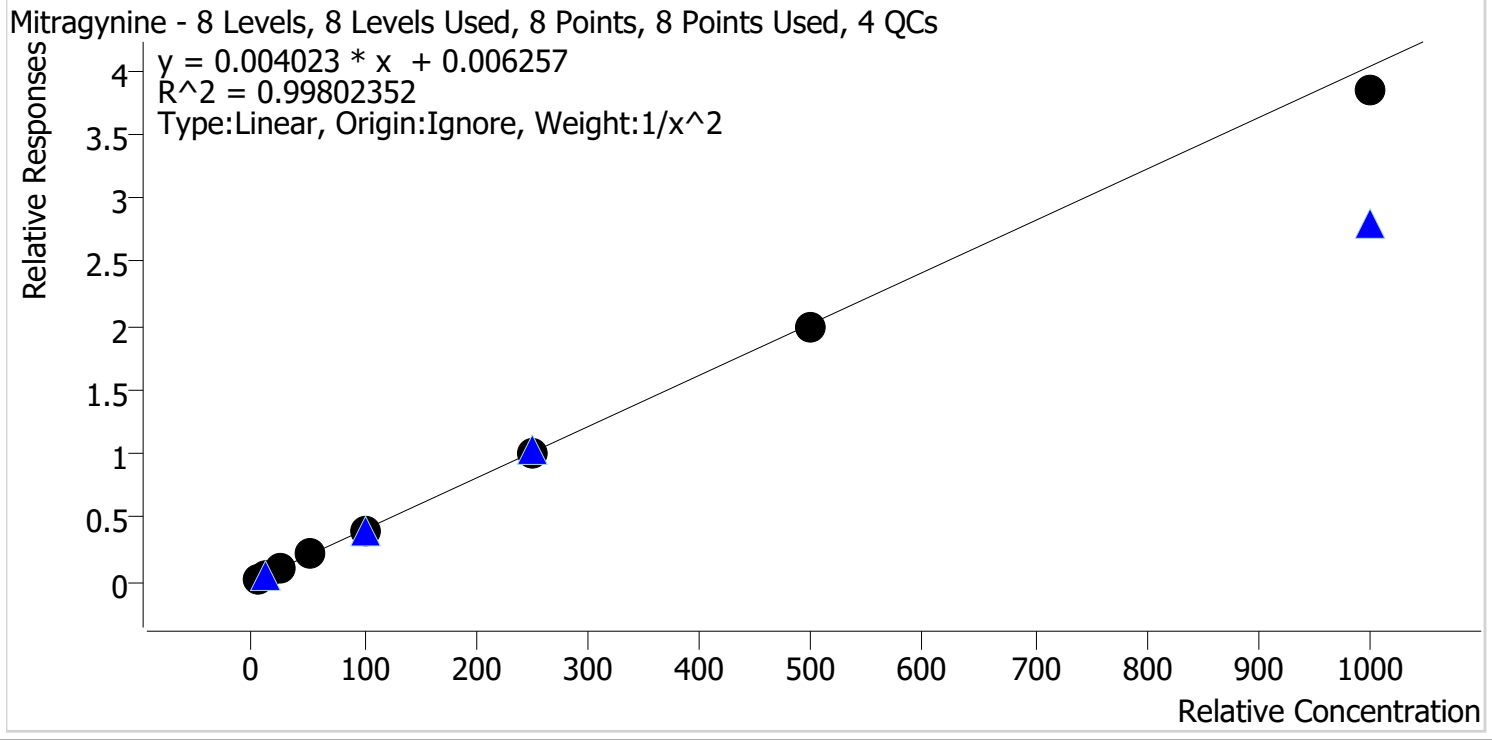
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	92.6
p1 Cal 2-10ng	2	✓	10.0	11.0	110.5
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.9
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	94.0	94.0
p1 Cal 6-250ng	6	✓	250.0	273.4	109.4
p1 Cal 7-500ng	7	✓	500.0	418.9	83.8
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\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



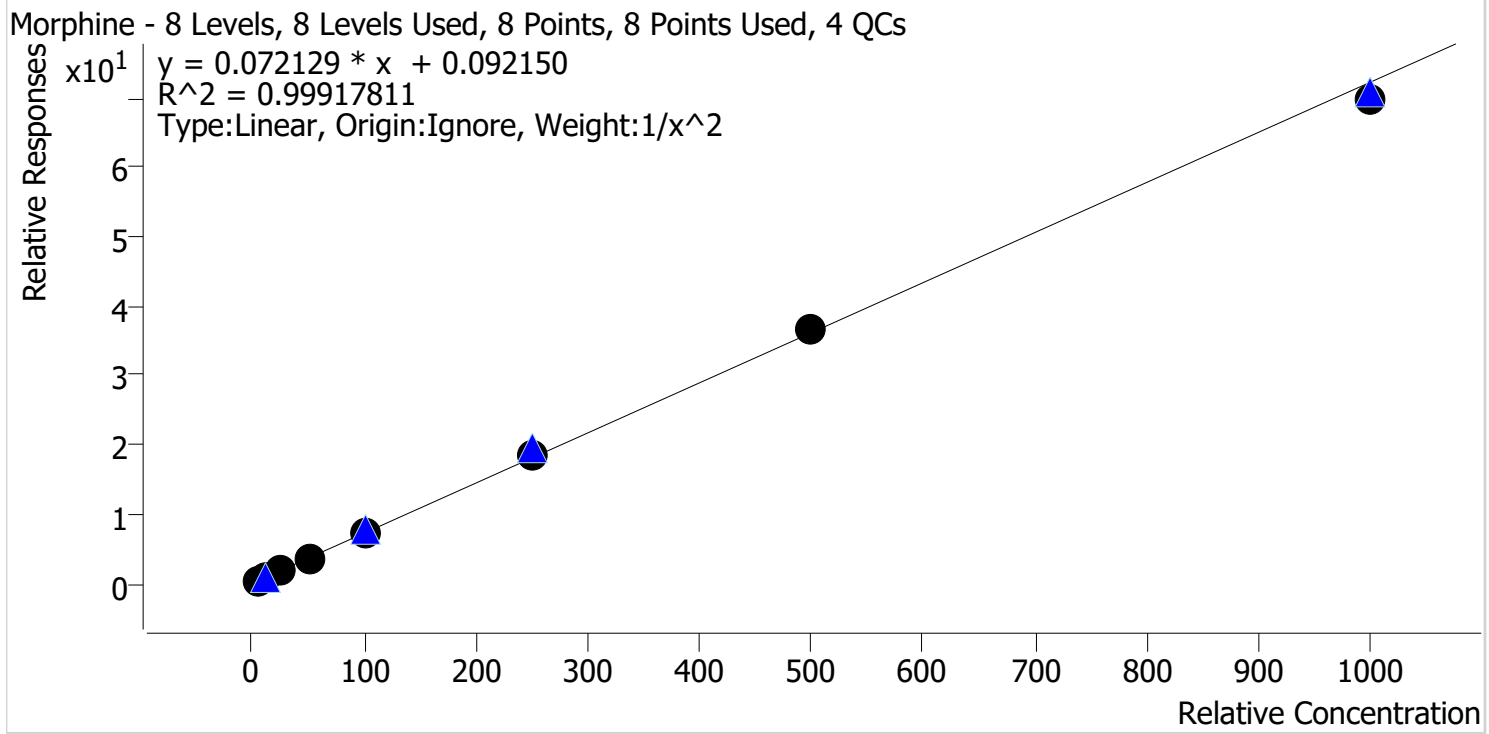
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	496.3	99.3
p1 Cal 8-1000ng	8	✓	1000.0	952.7	95.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



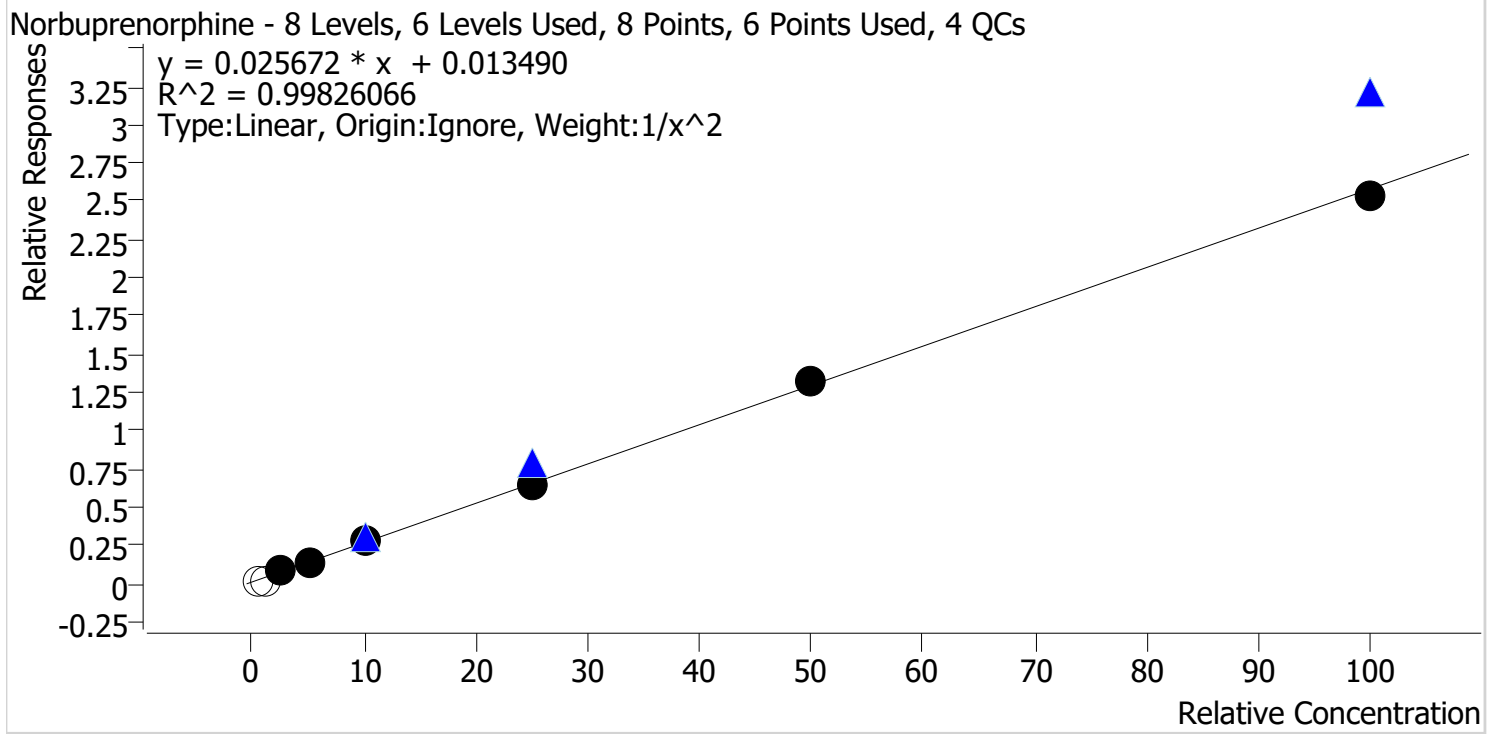
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	963.1	96.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.3	56.9
p1 Cal 2-10ng	2	x	1.0	0.5	54.7
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.4
p1 Cal 4-50ng	4	✓	5.0	4.8	95.3
p1 Cal 5-100ng	5	✓	10.0	10.4	104.4
p1 Cal 6-250ng	6	✓	25.0	24.5	97.9
p1 Cal 7-500ng	7	✓	50.0	51.2	102.3
p1 Cal 8-1000ng	8	✓	100.0	98.7	98.7

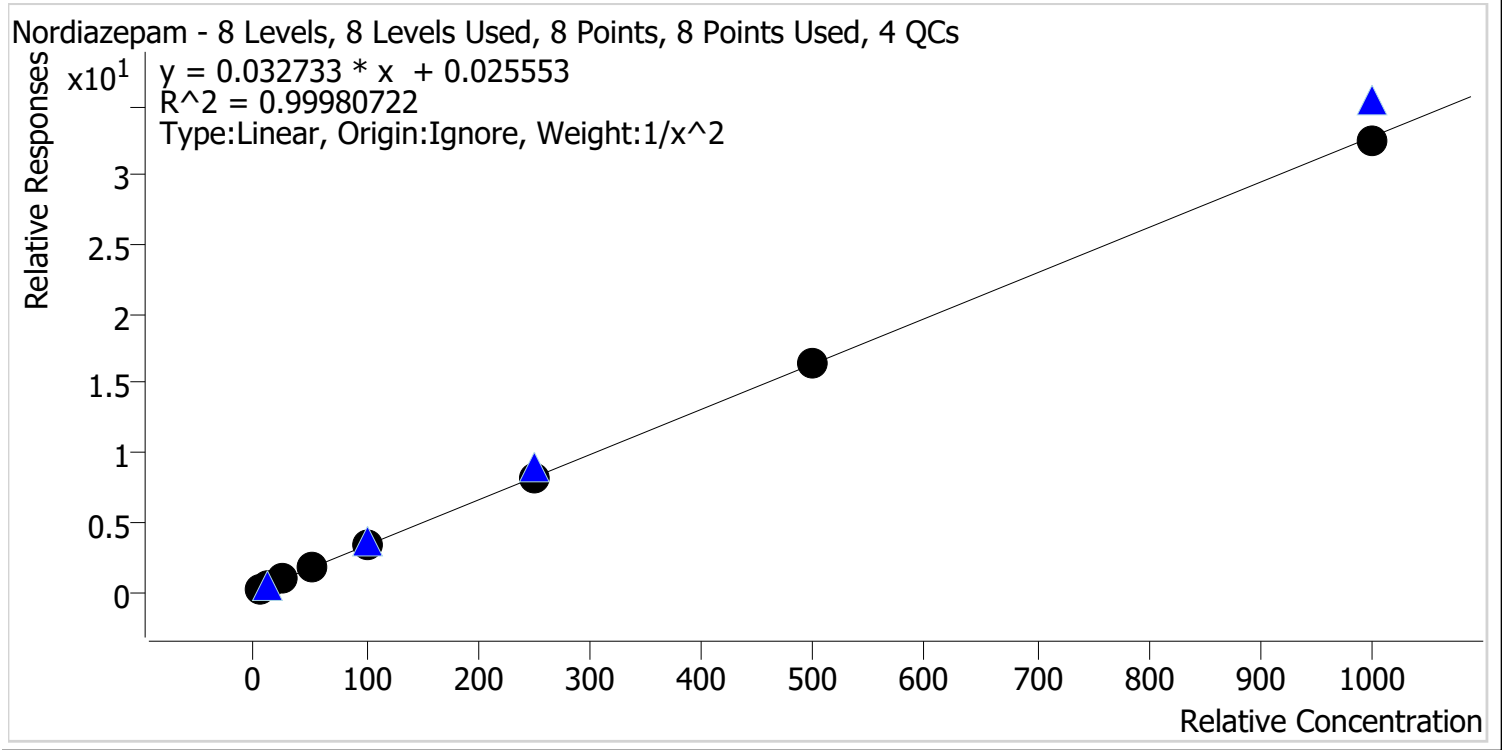
Calibrators 1 and 2 dropped due to ratio of QC 1.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



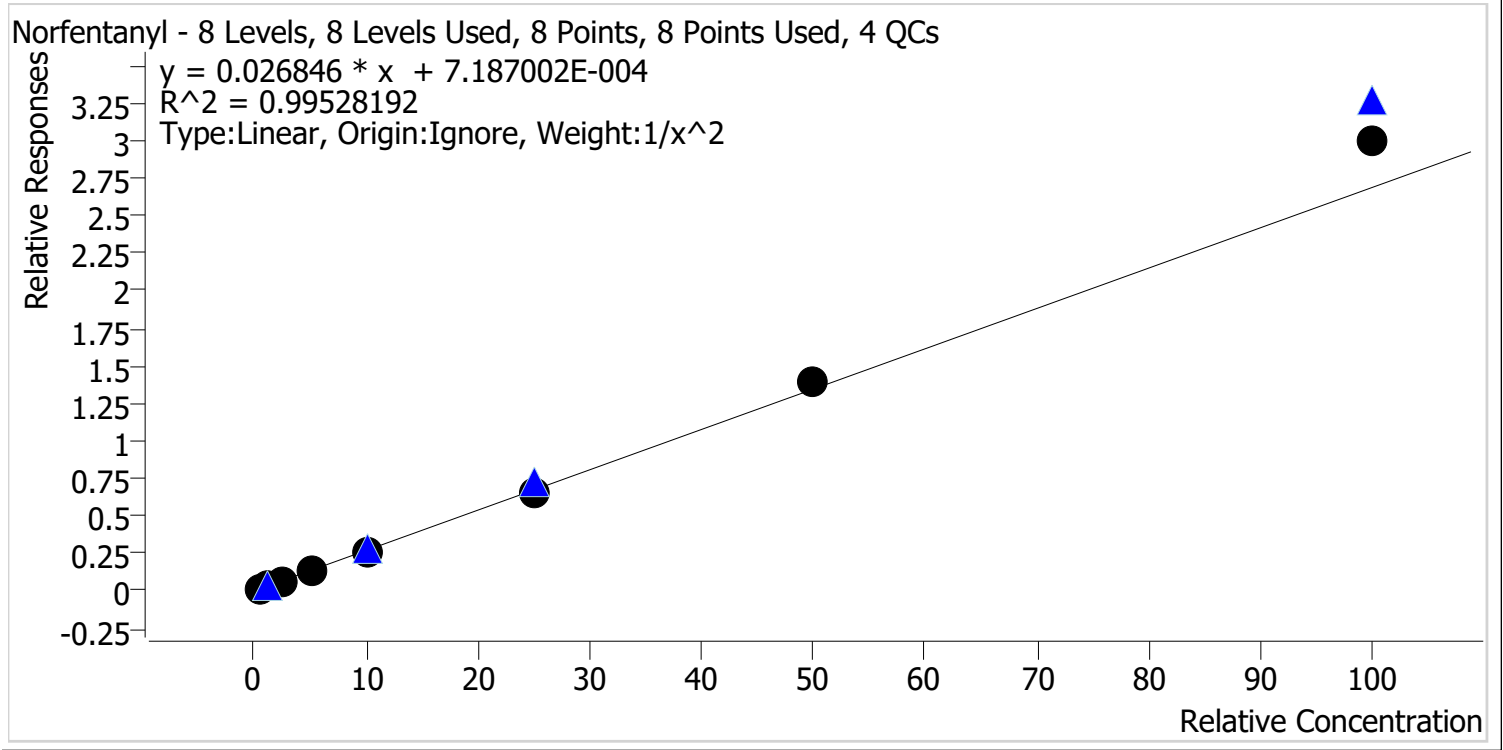
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	500.7	100.1
p1 Cal 8-1000ng	8	✓	1000.0	990.5	99.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



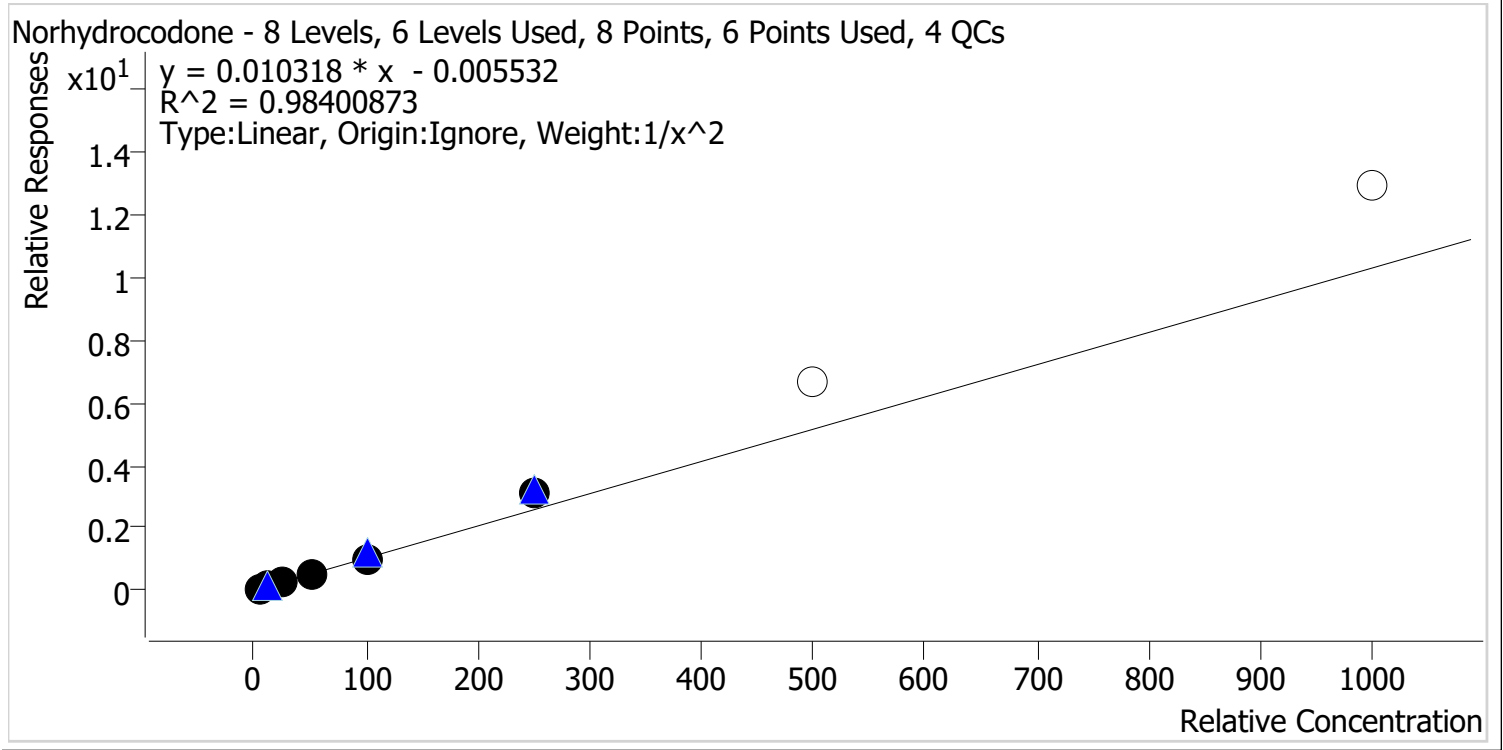
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.7
p1 Cal 2-10ng	2	✓	1.0	1.0	97.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.3
p1 Cal 4-50ng	4	✓	5.0	4.8	96.6
p1 Cal 5-100ng	5	✓	10.0	9.4	93.5
p1 Cal 6-250ng	6	✓	25.0	24.5	98.0
p1 Cal 7-500ng	7	✓	50.0	52.2	104.4
p1 Cal 8-1000ng	8	✓	100.0	111.8	111.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.2
p1 Cal 4-50ng	4	✓	50.0	46.9	93.8
p1 Cal 5-100ng	5	✓	100.0	92.2	92.2
p1 Cal 6-250ng	6	✓	250.0	299.0	119.6
p1 Cal 7-500ng	7	x	500.0	651.0	130.2
p1 Cal 8-1000ng	8	x	1000.0	1261.9	126.2

Calibrators 7 and 8 dropped due to accuracy.

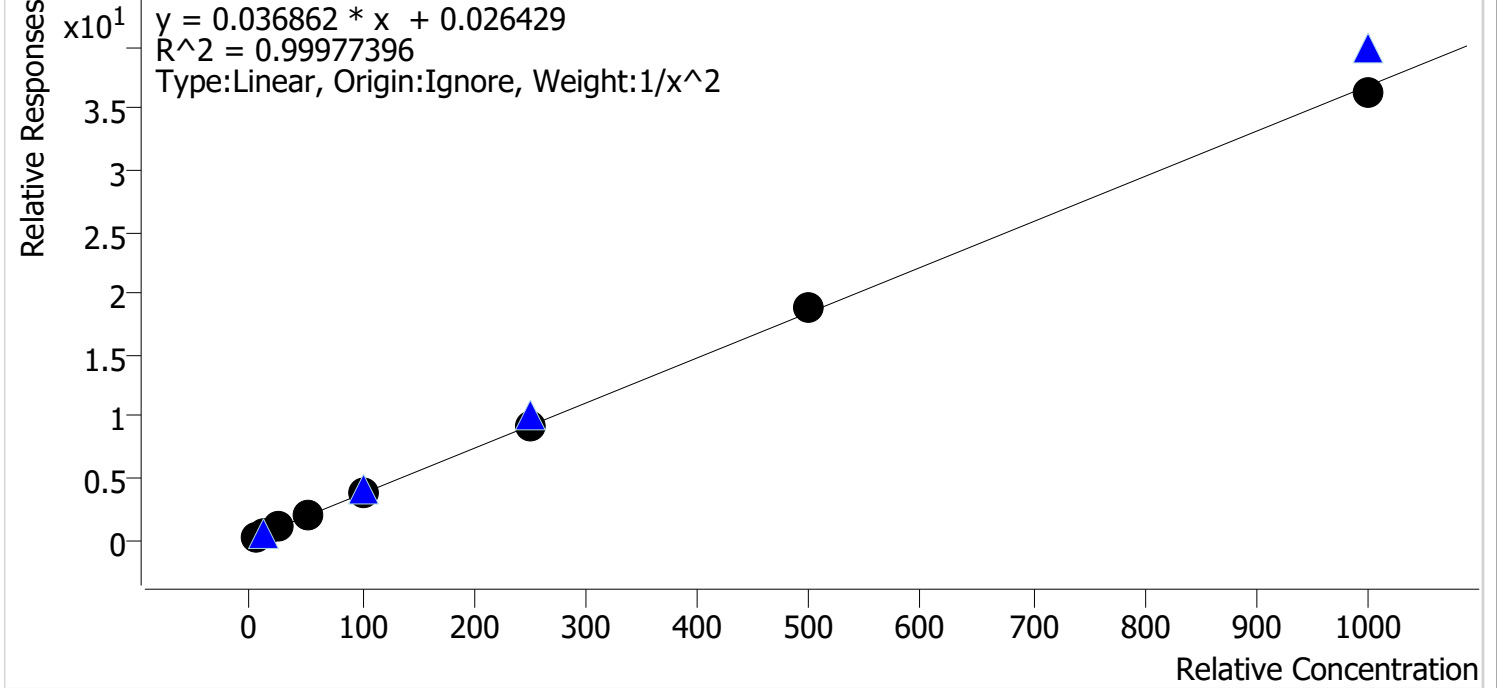


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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



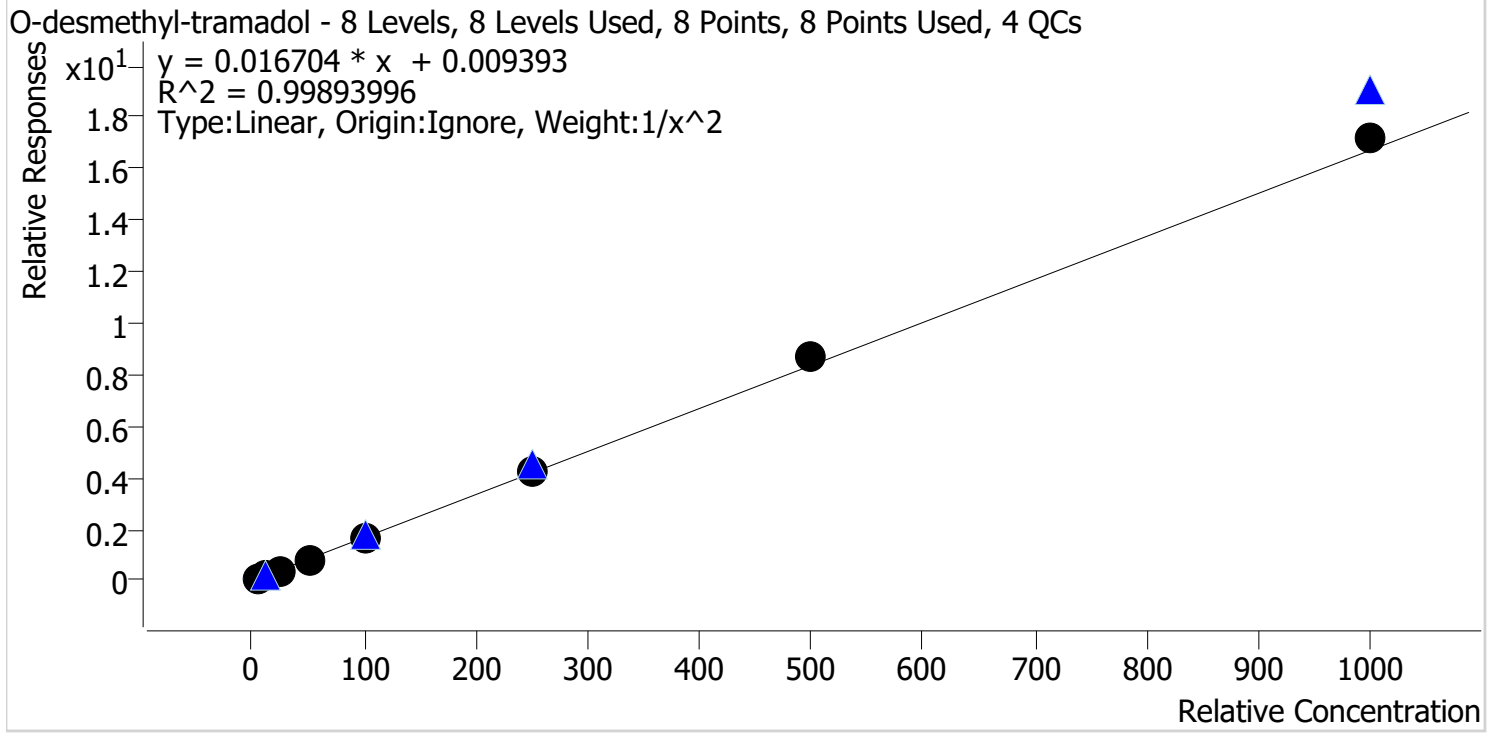
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	509.5	101.9
p1 Cal 8-1000ng	8	✓	1000.0	985.3	98.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	48.4	96.9
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	521.9	104.4
p1 Cal 8-1000ng	8	✓	1000.0	1032.4	103.2

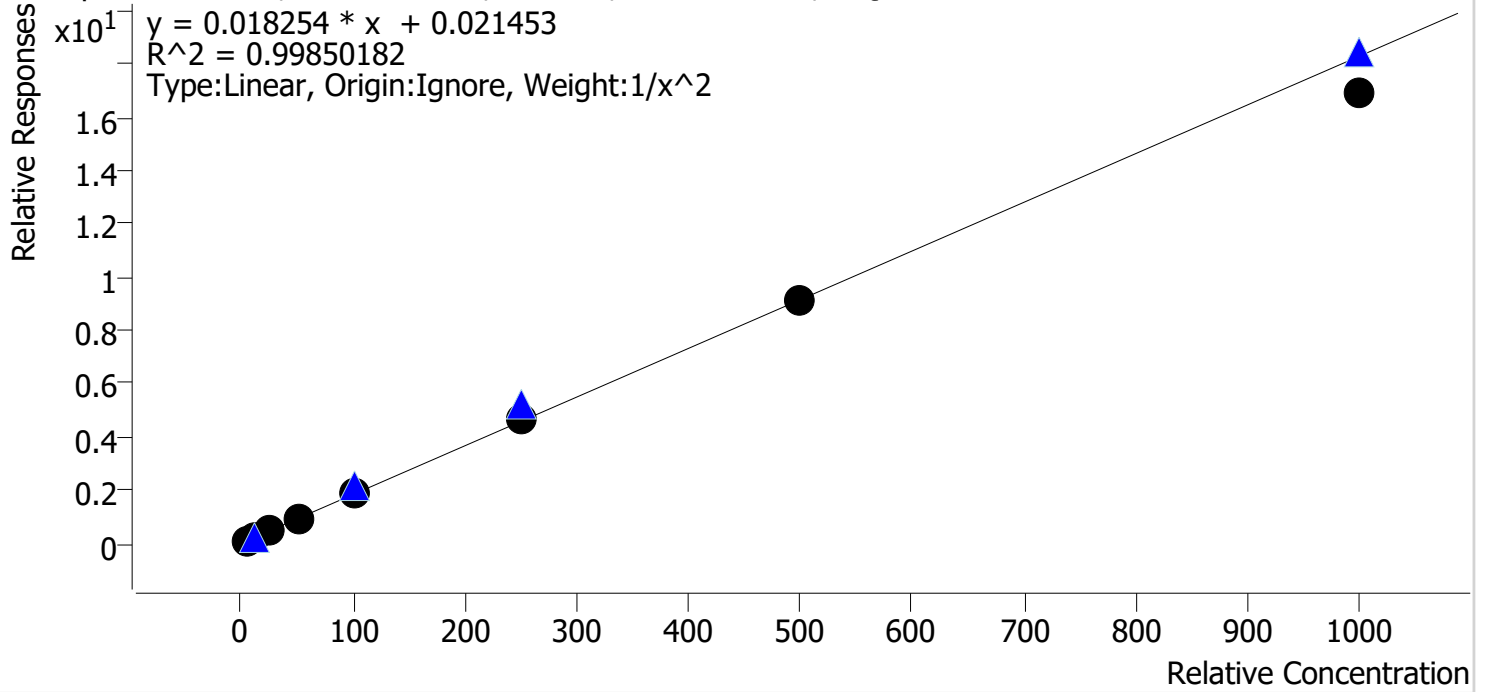


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

Oxazepam - 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	98.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.6
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	494.8	99.0
p1 Cal 8-1000ng	8	✓	1000.0	927.3	92.7

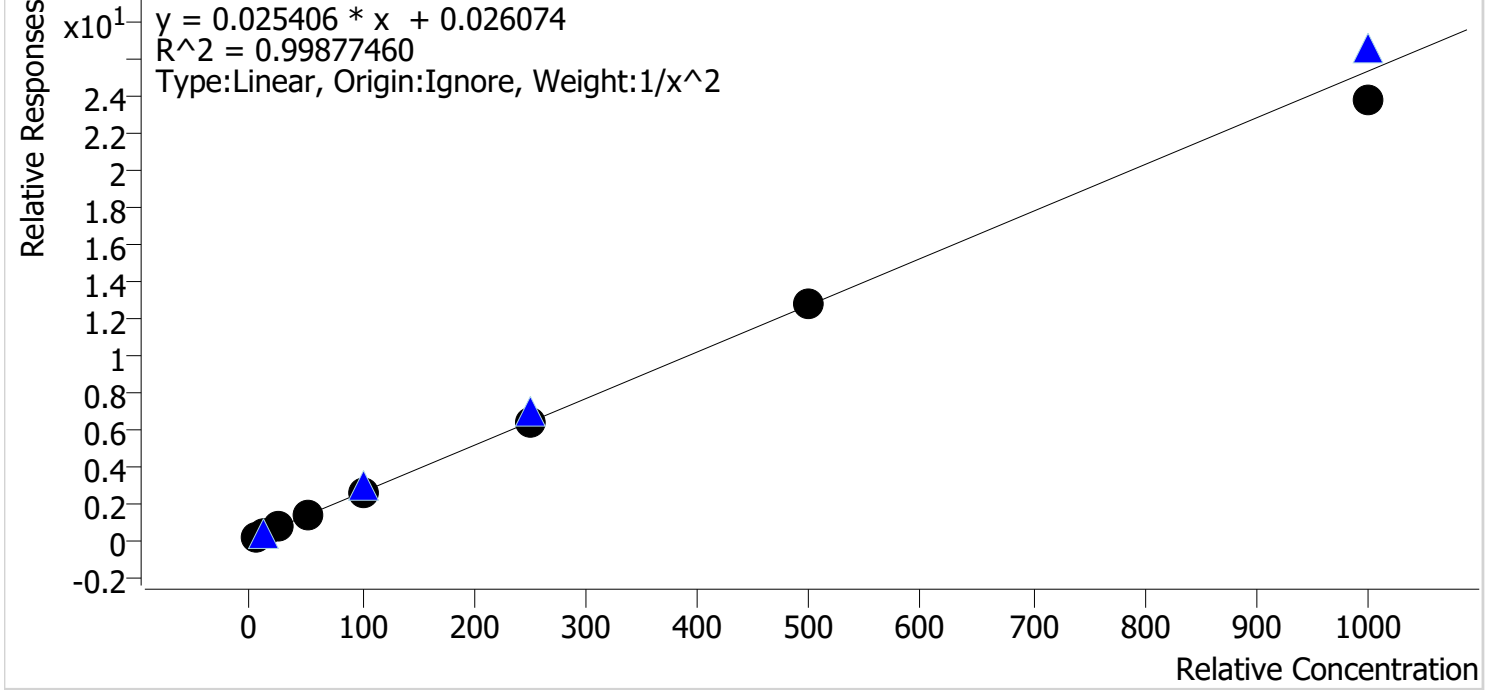


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
 Last Cal. Update 9/9/2021 9:05 AM
 Analyst Name ISP\datastor
 Analyte Oxycodone Internal Standard Oxycodone-D6

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



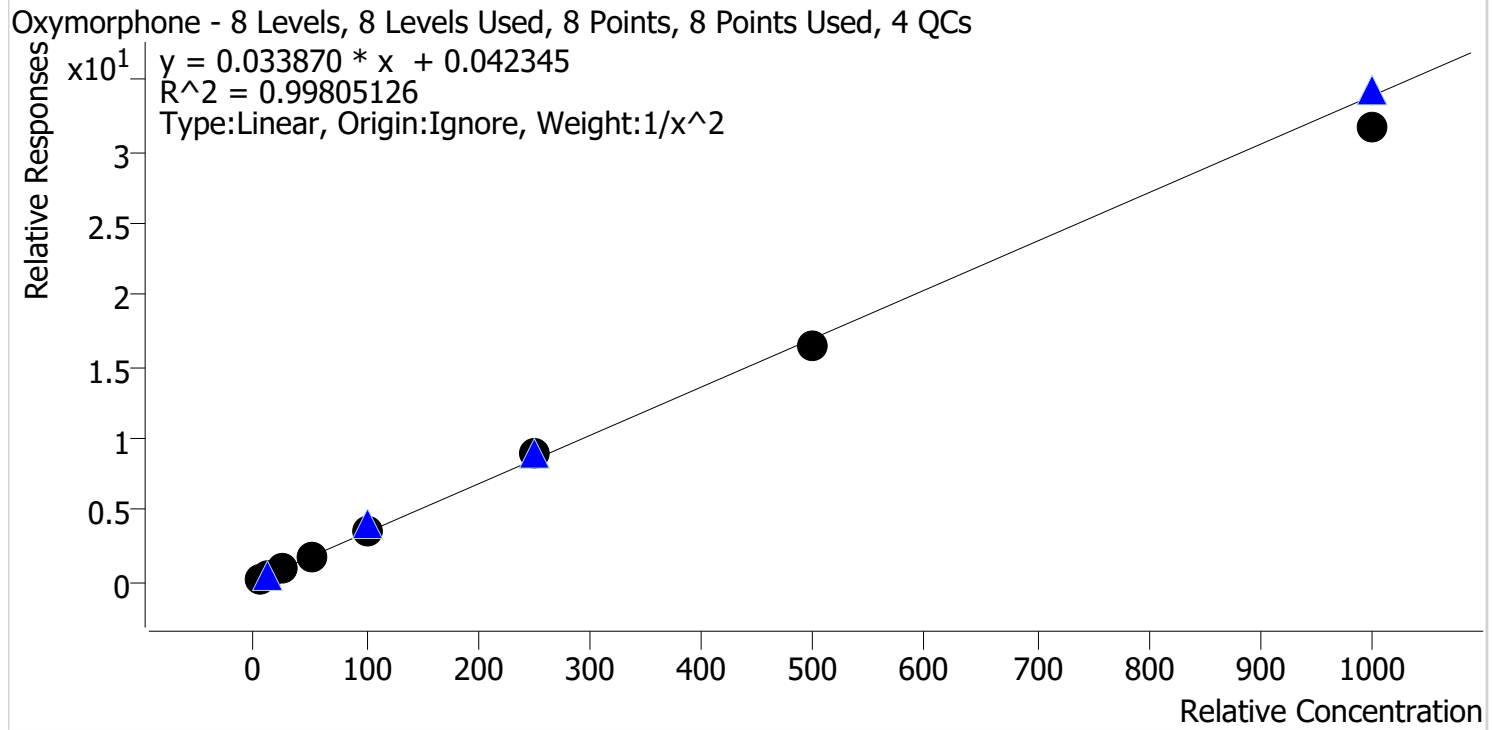
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng	7	✓	500.0	499.4	99.9
p1 Cal 8-1000ng	8	✓	1000.0	940.2	94.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	51.1	102.1
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	263.3	105.3
p1 Cal 7-500ng	7	✓	500.0	482.0	96.4
p1 Cal 8-1000ng	8	✓	1000.0	932.0	93.2

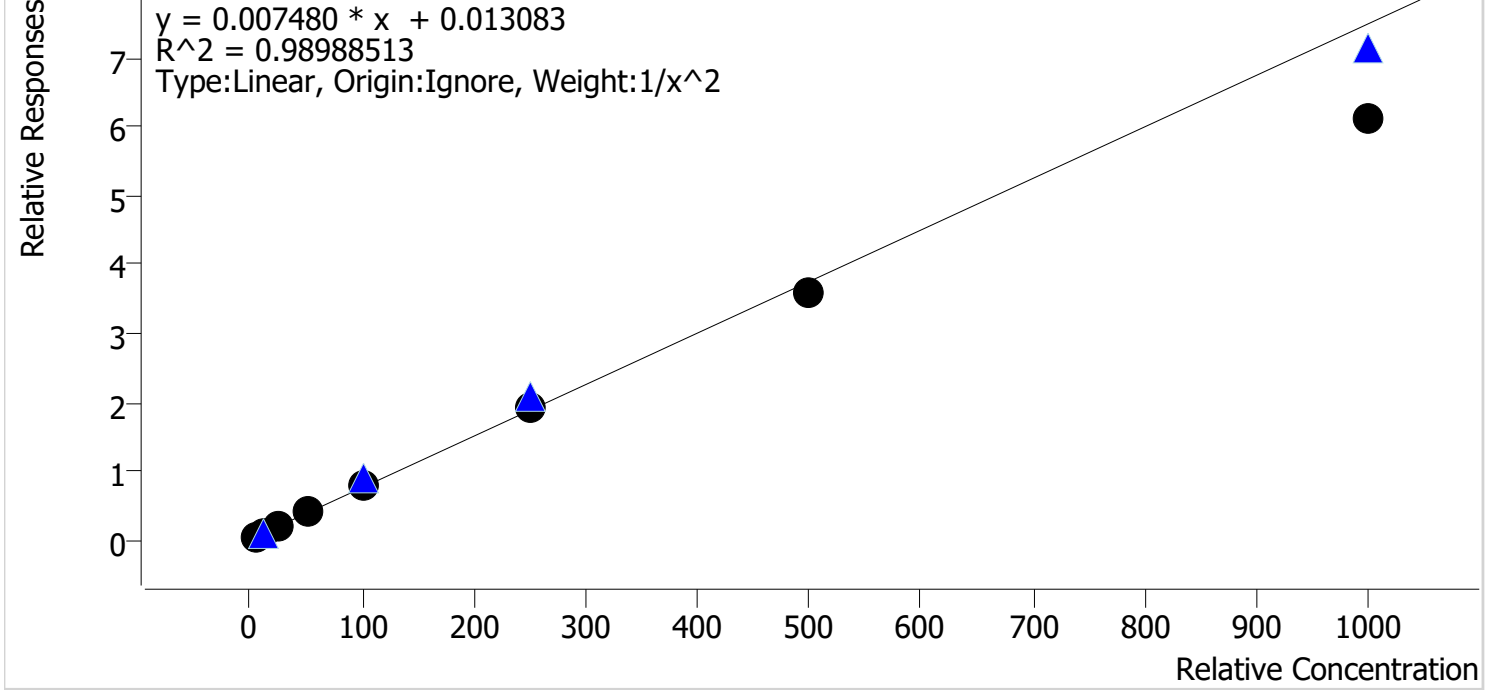


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

Phentermine - 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	96.1
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	53.7	107.5
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	479.6	95.9
p1 Cal 8-1000ng	8	✓	1000.0	814.2	81.4

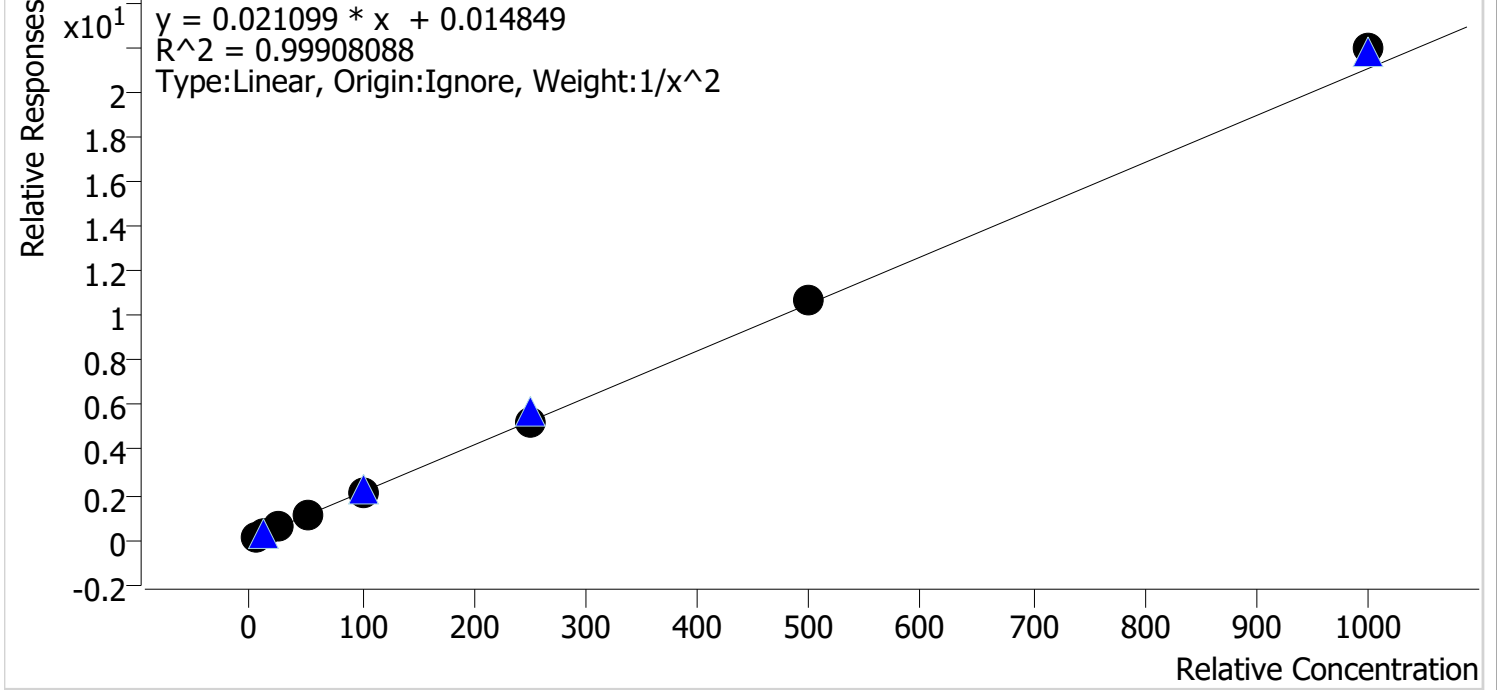


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	508.0	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1042.3	104.2

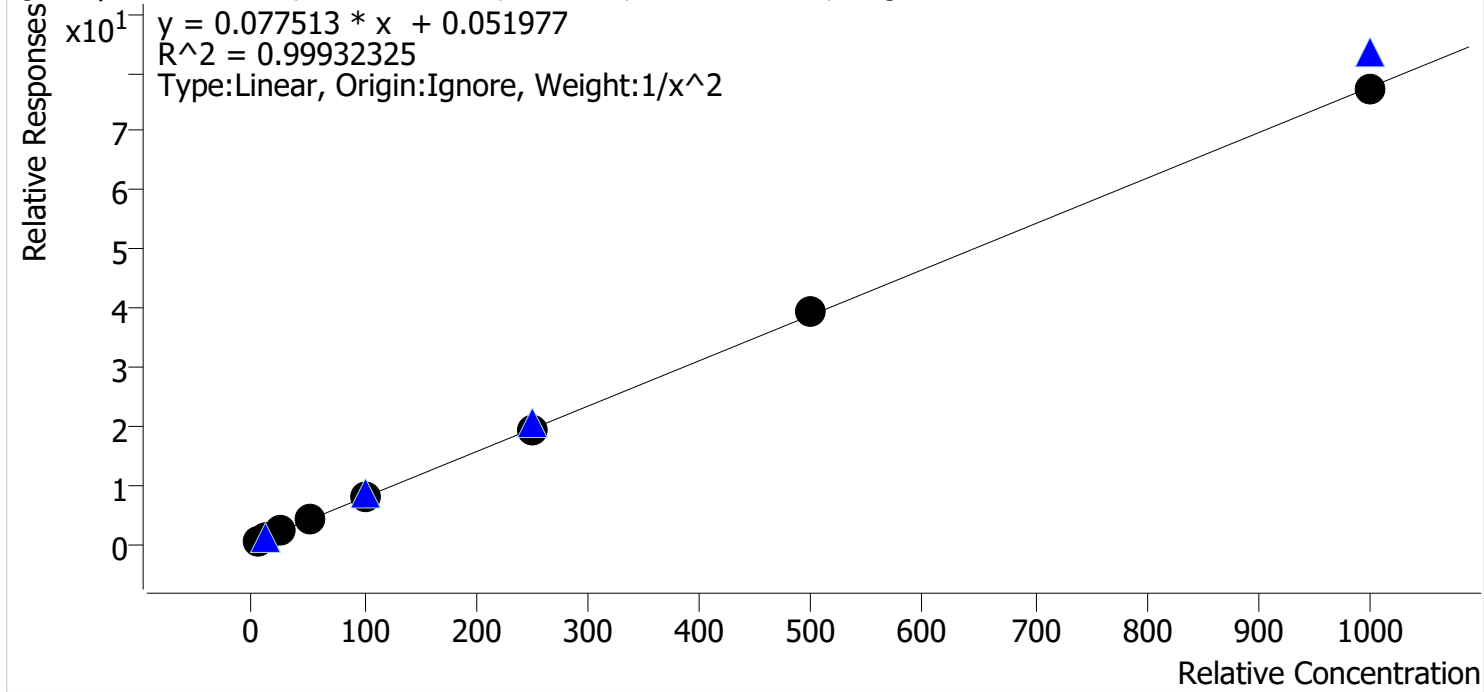
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



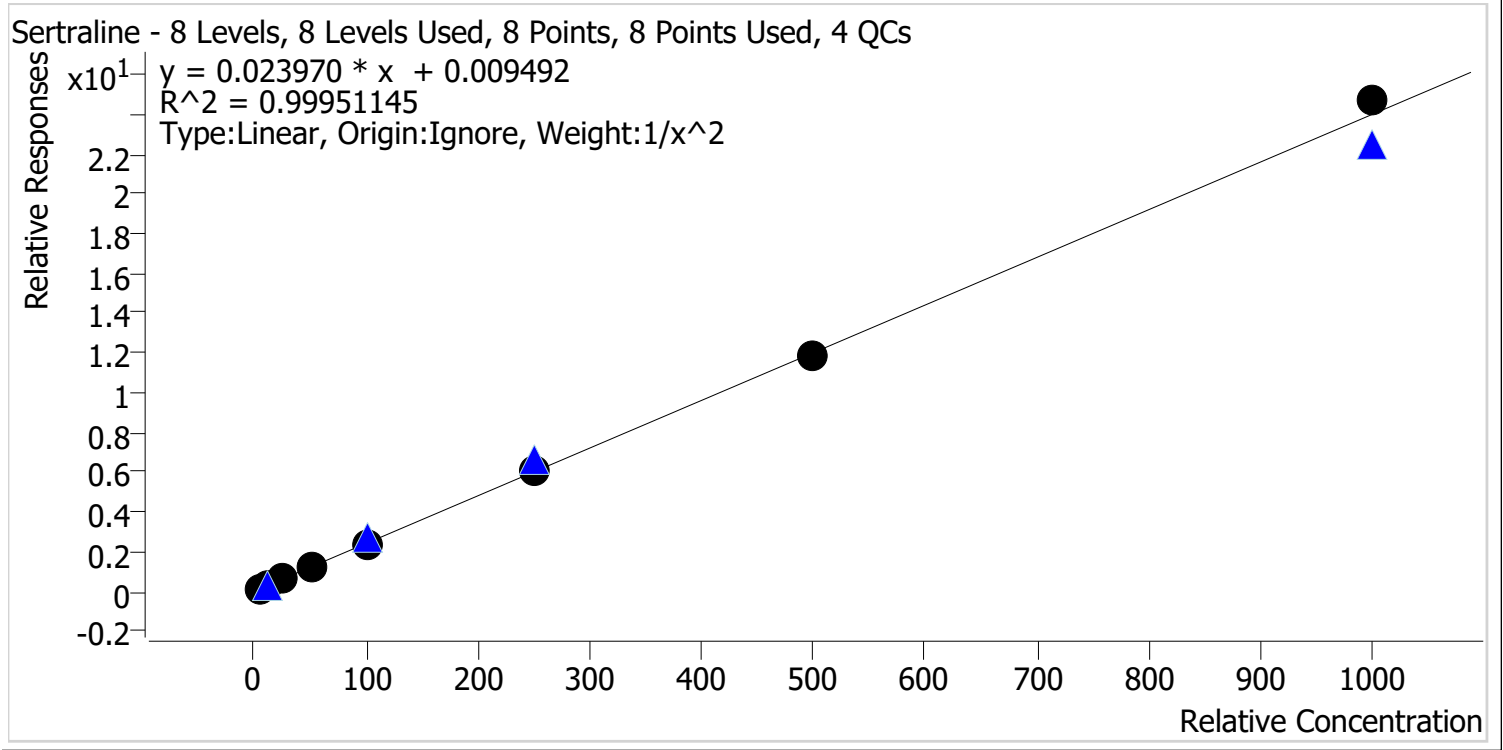
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.4	104.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	504.3	100.9
p1 Cal 8-1000ng	8	✓	1000.0	997.9	99.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



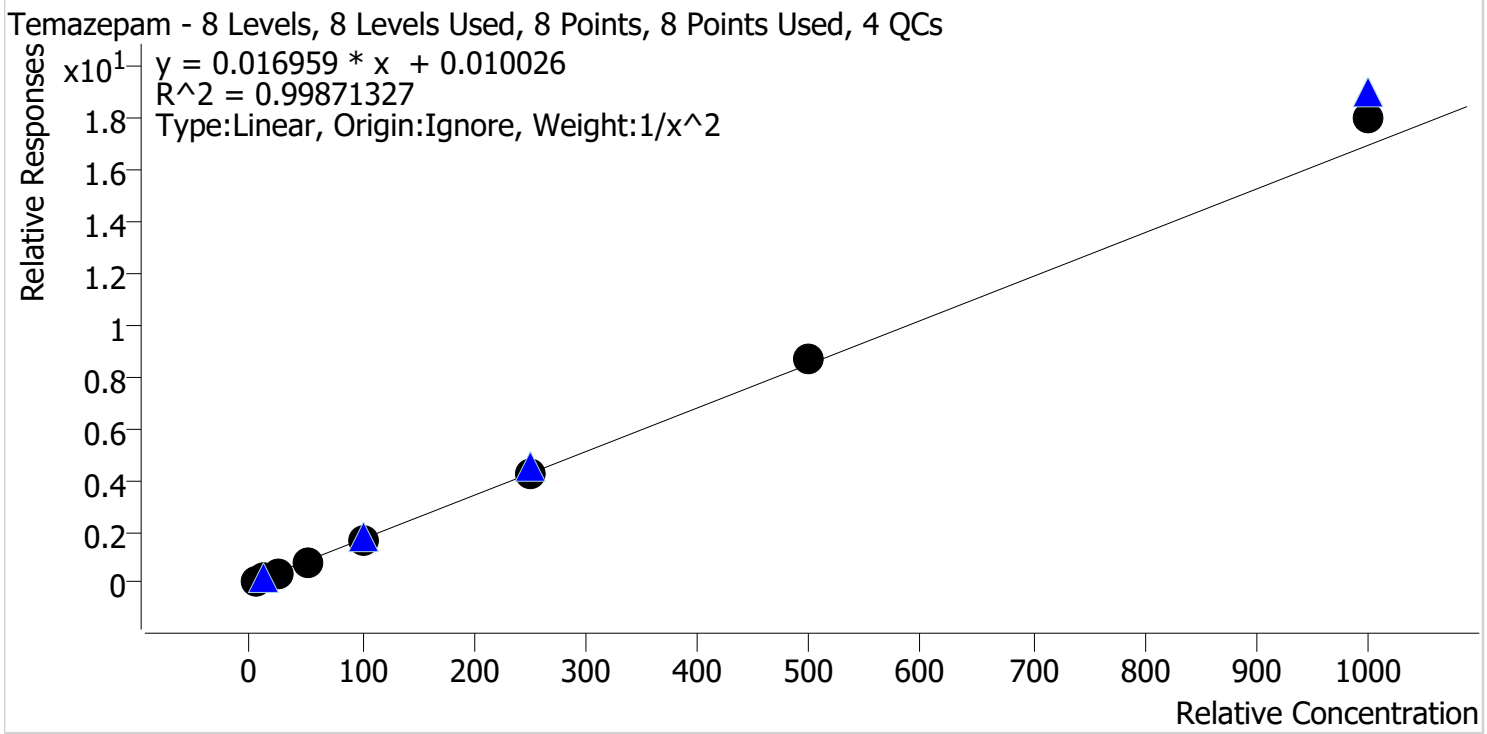
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	496.2	99.2
p1 Cal 8-1000ng	8	✓	1000.0	1029.0	102.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



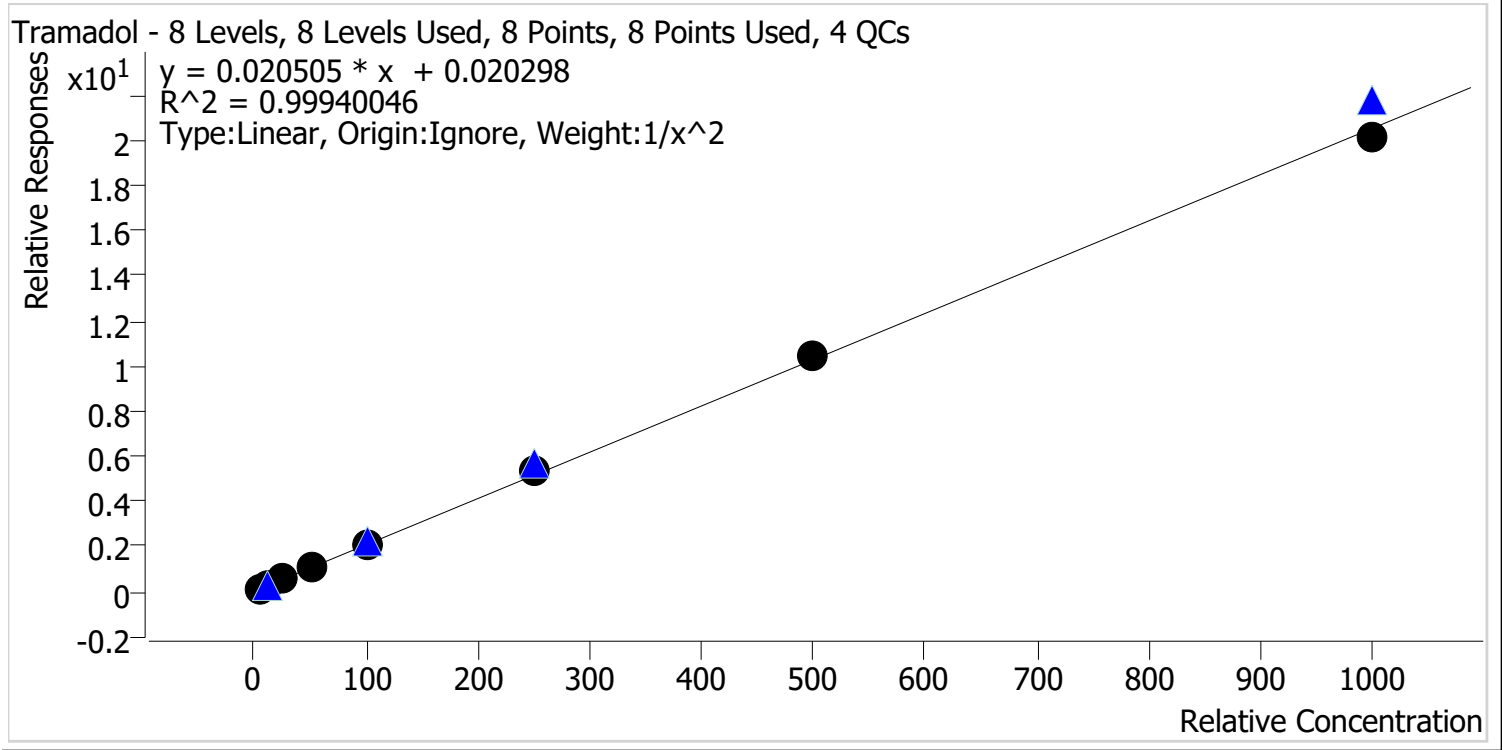
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.7	97.5
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	245.9	98.4
p1 Cal 7-500ng	7	✓	500.0	510.6	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1062.1	106.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	257.5	103.0
p1 Cal 7-500ng	7	✓	500.0	511.3	102.3
p1 Cal 8-1000ng	8	✓	1000.0	984.0	98.4

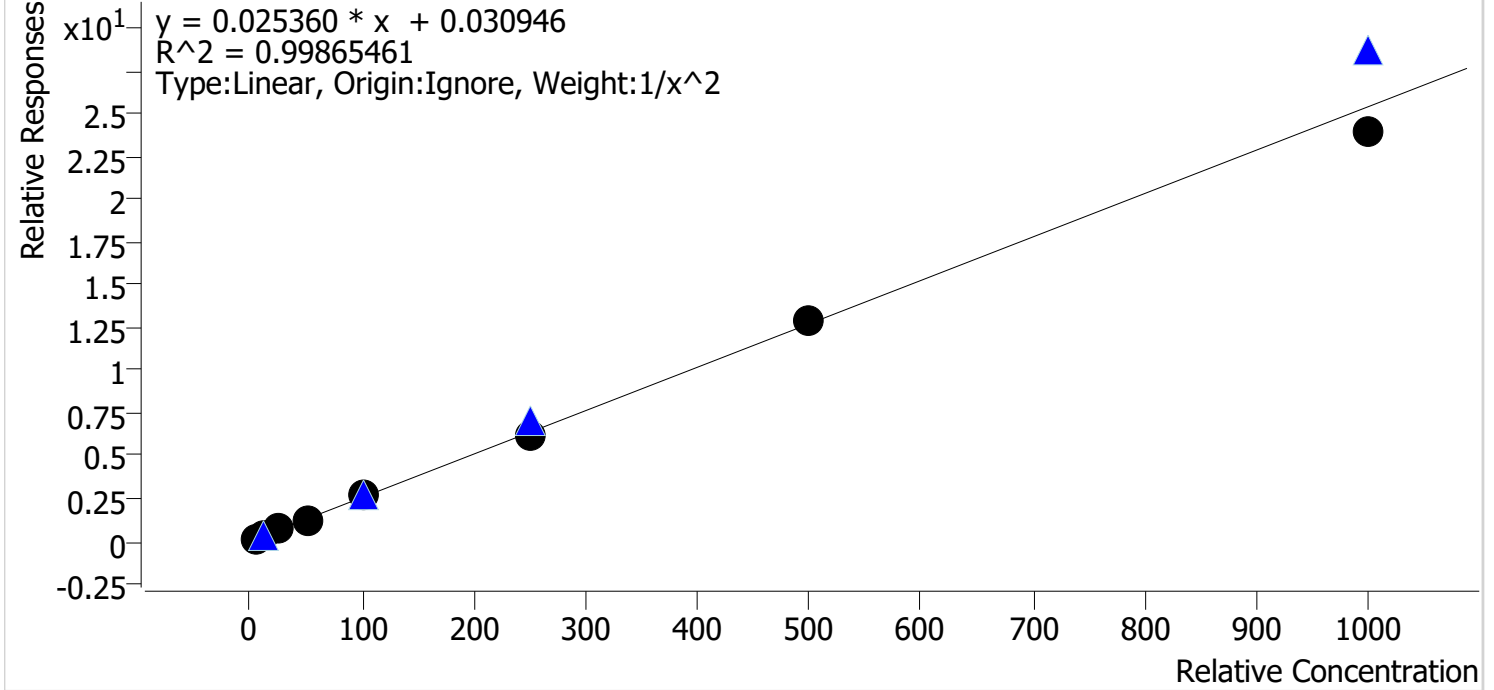


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



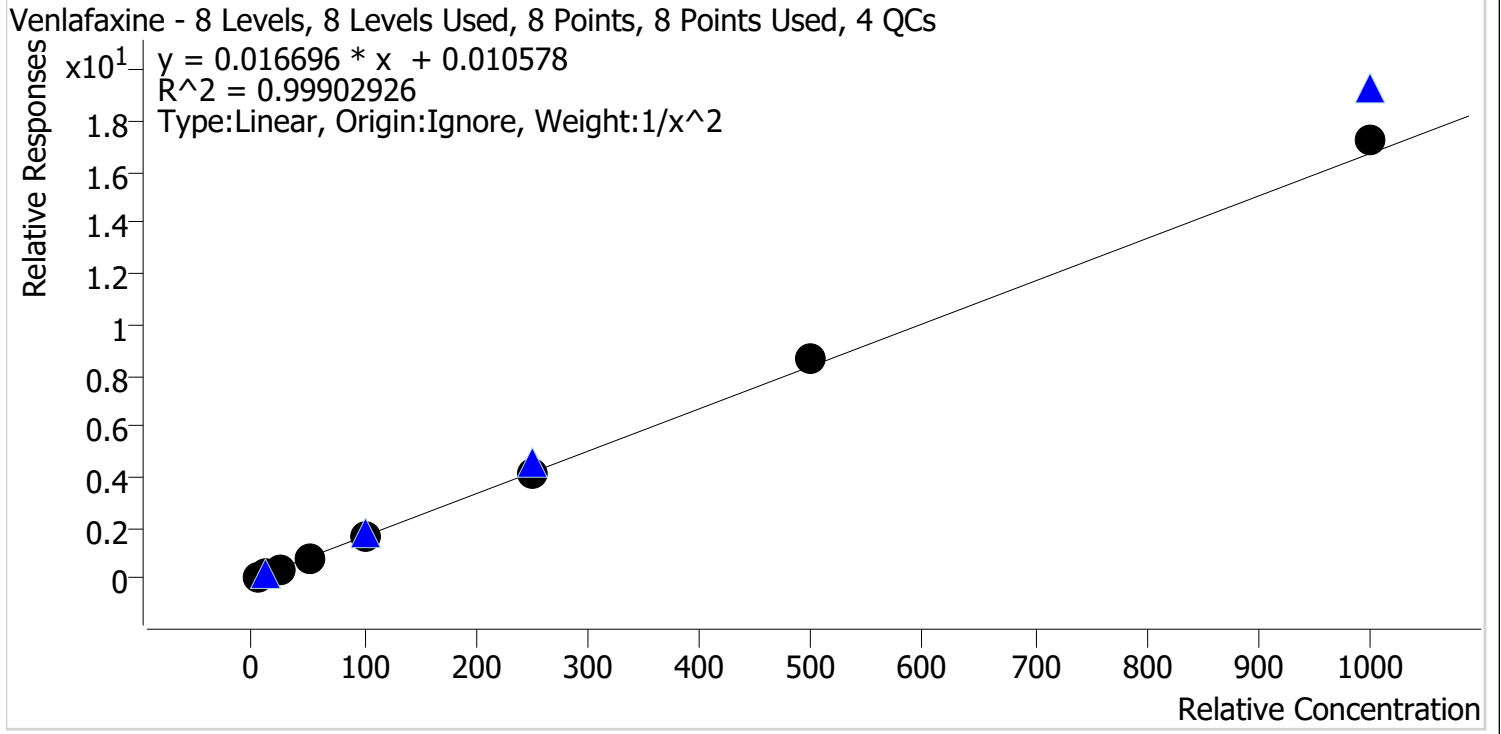
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	505.3	101.1
p1 Cal 8-1000ng	8	✓	1000.0	941.7	94.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	101.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	518.6	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1031.6	103.2

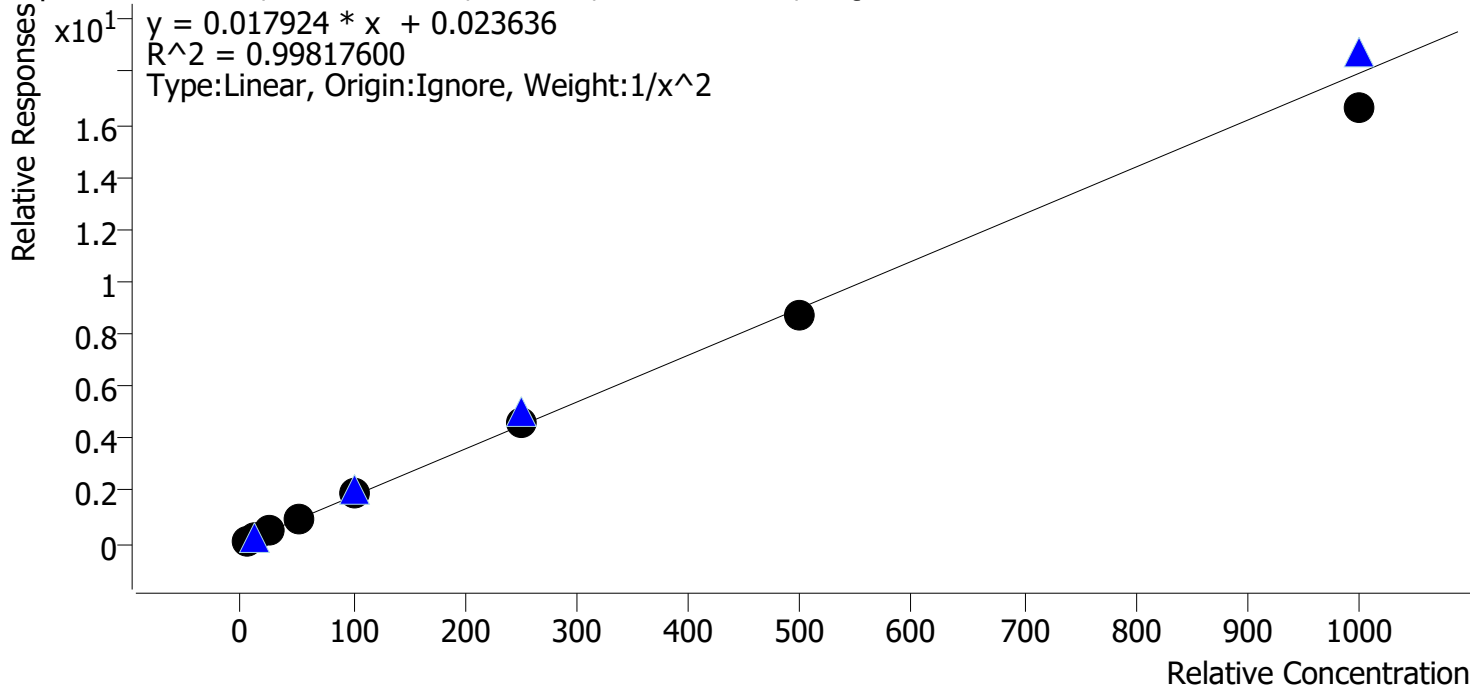
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 9/9/2021 9:05 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	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	487.7	97.5
p1 Cal 8-1000ng	8	✓	1000.0	927.9	92.8

AM #28 Multi-Drug Quant. Results

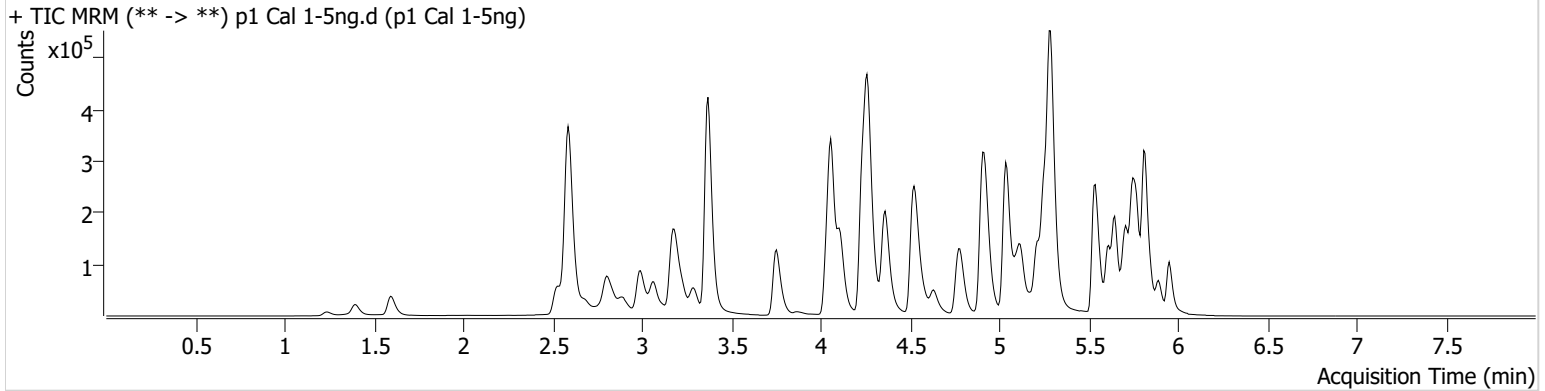
TS



Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 9/9/2021 9:05:29 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	9/1/2021 1:05:23 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	967	154.19	66.5	124.95	23841	0.5099 ng/ml
7-aminoclonazepam	4.278	11994	14162.26	85.2	484.27	98055	5.0141 ng/ml
a-hydroxyalprazolam	5.699	12554	155.60	61.8	440.60	114604	4.7932 ng/ml
alpha-PHP	4.937	17109	130.60	278.5	849.19	496834	4.6807 ng/ml
alpha-PVP	4.370	66251	315.59	50.1	164.46	496834	5.0025 ng/ml
Alprazolam	5.775	30660	∞	109.0	319.98	114604	4.8690 ng/ml
Amphetamine	3.069	115255	527.94	49.6	638.93	103215	4.7346 ng/ml
Benzoylecgonine	3.899	1310	14.86	8.1	16.42	10003	4.9531 ng/ml
Buprenorphine	5.873	1285	89.07	11.5	206.37	64739	0.5093 ng/ml
Bupropion	4.795	69175	2136.59	59.9	354.35	331345	5.0335 ng/ml
Carisoprodol	5.724	17541	∞	48.1	23.66	163962	5.0225 ng/ml
Citalopram	5.212	38979	565.36	42.5	10757.21	317992	5.0473 ng/ml
Clonazepam	5.612	47207	1166.92	31.3	119.83	73514	4.8963 ng/ml
Clonazepam	5.548	15575	34440.41	37.5	4710.56	73514	4.9555 ng/ml
Cocaine	4.264	61153	107393.26	48.1	4857.21	800116	5.0294 ng/ml
Codeine	2.580	5965	12896.28	106.9	10856.95	44558	4.7532 ng/ml
Cyclobenzaprine	5.615	21110	14517.03	10.7	259.55	120606	4.9831 ng/ml
Dextromethorphan	5.262	18660	1300.64	79.4	317.05	154350	5.0101 ng/ml
Dextrophan	4.111	11350	461.05	200.4	4874.06	314705	5.0780 ng/ml
Diazepam	5.960	21614	296.01	87.4	690.89	188461	4.9645 ng/ml
Dihydrocodeine	2.559	16909	2745.79	60.6	30126.97	148919	4.8587 ng/ml
Diphenhydramine	5.289	70478	3694.29	33.0	408.20	1284885	5.0513 ng/ml
Doxylamine	4.536	110642	1756.76	100.2	18459.36	742037	5.0214 ng/ml
EDDP	5.254	40213	116.43	43.4	35616.90	453026	5.0021 ng/ml
Etizolam	5.813	20603	39083.75	29.4	7790.57	73514	5.1165 ng/ml
Fentanyl	5.109	2034	454.60	48.6	∞	192340	0.5076 ng/ml
Flualprazolam	5.705	5791	353.32	114.6	869.68	114604	4.8151 ng/ml
Fluoxetine	5.700	24038	725.13	8.8	1184.40	184802	4.9686 ng/ml
Hydrocodone	3.018	16054	67.70	37.9	∞	190925	4.8359 ng/ml
Hydromorphone	1.601	16650	1531.45	77.5	54934.94	100312	4.9498 ng/ml
Ketamine	4.051	50773	3538.10	41.7	140.31	410615	4.8460 ng/ml
Lamotrigine	4.280	3756	230.53	73.6	3639.92	410615	4.7474 ng/ml
Levetiracetam	2.683	16784	381.96	154.8	547.13	1070176	5.1963 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	52080	437.35	51.0	72.96	73514	4.7932 ng/ml
MDA	3.203	69285	1029.00	13.8	204.91	156999	4.7741 ng/ml
MDMA	3.296	52958	721.09	50.2	364.33	70313	5.0234 ng/ml
Meprobamate	4.924	6046	1115.01	25.6	51.79	46945	4.8206 ng/ml
Methadone	5.646	49229	251.79	45.6	156.25	331895	4.9607 ng/ml
Methamphetamine	3.238	39052	599.47	44.0	391.33	378771	4.7836 ng/ml
Metoprolol	4.326	8178	425.51	93.5	1467.92	809969	4.8717 ng/ml
Mirtazapine	4.631	74337	2960.18	45.8	22859.41	496834	4.6317 ng/ml
Mitragynine	5.237	8547	9266.76	43.6	5660.98	331895	4.8458 ng/ml
Morphine	1.247	2650	6550.93	20.2	72.23	5870	4.9817 ng/ml
Norbuprenorphine	4.986	99	224.85	64.3	50.48	4776	0.2845 ng/ml
Nordiazepam	5.900	18464	311.05	58.6	186.87	98380	4.9532 ng/ml
Norfentanyl	4.086	9962	481.60	38.2	8.04	687068	0.5133 ng/ml
Norhydrocodone	3.059	796	15.63	52.4	60.83	16643	5.1708 ng/ml
Noroxycodone	2.909	18080	765.87	46.5	4094.59	85298	5.0332 ng/ml
O-desmethyl-tramadol	3.376	105111	613.36	6.2	124.12	1120637	5.0529 ng/ml
Oxazepam	5.756	39335	1268.09	75.4	96.80	353023	4.9287 ng/ml
Oxycodone	2.834	41468	442.46	27.7	434.60	276294	4.8813 ng/ml
Oxymorphone	1.398	12490	184.02	44.1	84.46	59203	4.9786 ng/ml
Phentermine	3.790	19018	237.52	1.6	13.23	387867	4.8058 ng/ml
Promethazine	5.538	59186	527.15	28.8	94.41	491472	5.0038 ng/ml
Pseudoephedrine	2.596	121863	4113.93	12.9	952.00	1070176	5.1179 ng/ml
Quetiapine	5.555	41857	1642.43	62.0	100.25	96605	4.9192 ng/ml
Sertraline	5.776	13622	203.50	99.3	4574.51	106159	4.9571 ng/ml
Temazepam	5.816	58782	1390.12	32.6	145.10	616383	5.0321 ng/ml
Tramadol	4.246	99135	1048.75	3.5	35.40	809969	4.9791 ng/ml
Trazodone	5.176	42366	98564.12	80.3	58630.31	273665	4.8841 ng/ml
Venlafaxine	5.037	74732	264.64	37.4	253.27	786340	5.0587 ng/ml
Zolpidem	4.935	97426	184246.18	31.4	6049.44	872760	4.9092 ng/ml

AM #28 Multi-Drug Quant. Results

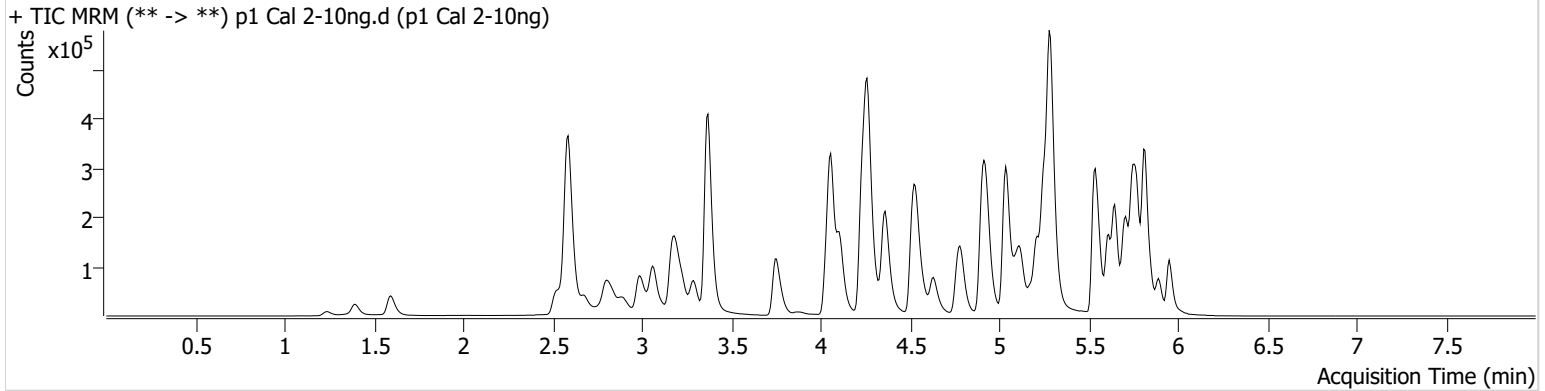
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Calibration Last Update 9/9/2021 9:05:29 AM

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	9/1/2021 1:16:08 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	1569	622.06	71.4	1749.87	21403	0.9773 ng/ml
7-aminoclonazepam	4.271	20704	2559.81	82.8	15266.13	89557	10.0746 ng/ml
a-hydroxyalprazolam	5.699	20760	272.11	63.0	383.43	101703	10.4361 ng/ml
alpha-PHP	4.937	30563	1467.44	268.4	782.63	455526	10.7972 ng/ml
alpha-PVP	4.370	115607	345.19	48.6	433.79	455526	10.0925 ng/ml
Alprazolam	5.775	54211	576.34	104.7	250.53	101703	10.4800 ng/ml
Amphetamine	3.063	190548	1417.55	50.1	332.72	93386	10.4509 ng/ml
Benzoylcegonine	3.892	2429	231.51	9.2	∞	9247	10.3509 ng/ml
Buprenorphine	5.873	2304	165.24	10.8	727.73	66180	0.9747 ng/ml
Bupropion	4.788	117271	44442.24	59.3	1267.60	307398	9.8899 ng/ml
Carisoprodol	5.724	30228	39008.33	46.6	506.37	147789	10.0809 ng/ml
Citalopram	5.212	67673	2266.38	43.8	6378.14	300113	9.9625 ng/ml
Clonazepam	5.612	80076	6644.06	32.6	1830.12	67549	10.2268 ng/ml
Clonazepam	5.549	26438	43700.89	37.7	14896.07	67549	10.1401 ng/ml
Cocaine	4.264	105934	495.23	48.2	1314.67	733303	10.0265 ng/ml
Codeine	2.580	10592	1221.61	99.6	140.94	40552	10.7192 ng/ml
Cyclobenzaprine	5.615	42557	172.77	9.5	4688.75	126346	10.2081 ng/ml
Dextromethorphan	5.262	35199	397.63	77.5	2902.44	156467	10.0901 ng/ml
Dextrophan	4.111	19150	50867.56	213.7	755.15	287723	9.8683 ng/ml
Diazepam	5.960	38079	836.62	87.9	365.99	179063	10.0451 ng/ml
Dihydrocodeine	2.552	27891	208.81	61.7	55.61	134283	10.3168 ng/ml
Diphenhydramine	5.289	123557	348.45	33.9	246.95	1226893	9.8999 ng/ml
Doxylamine	4.536	189818	9406.59	98.6	215675.91	684061	10.0551 ng/ml
EDDP	5.254	73992	135.31	42.1	324.70	443014	10.0283 ng/ml
Etizolam	5.813	36861	55683.93	28.0	15431.92	67549	10.0608 ng/ml
Fentanyl	5.109	3872	164.97	55.7	2893.46	206853	0.9911 ng/ml
Flualprazolam	5.705	9968	496.48	113.8	1600.05	101703	10.4143 ng/ml
Fluoxetine	5.707	49587	136.15	9.2	3677.00	207708	10.1030 ng/ml
Hydrocodone	3.018	27339	147.31	38.2	130.25	175369	10.2747 ng/ml
Hydromorphone	1.601	29529	1393.19	74.3	62531.38	90819	10.2099 ng/ml
Ketamine	4.051	88633	3933.99	40.4	211.69	367400	10.5747 ng/ml
Lamotrigine	4.280	6038	417.57	81.6	1889.69	367400	10.5422 ng/ml
Levetiracetam	2.676	28020	675.66	152.4	407.72	971139	9.5974 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	89719	913.76	52.7	290.68	67549	10.6893 ng/ml
MDA	3.203	115753	1448.88	13.7	229.42	140226	10.3961 ng/ml
MDMA	3.296	90369	2816.78	49.2	712.54	64608	9.9456 ng/ml
Meprobamate	4.917	10387	596.51	23.7	210.08	43948	10.4208 ng/ml
Methadone	5.653	94152	237.51	46.4	684.23	330545	10.3193 ng/ml
Methamphetamine	3.231	64501	138.11	43.7	484.87	338284	10.5871 ng/ml
Metoprolol	4.326	14289	23520.74	92.6	2926.65	759979	10.3582 ng/ml
Mirtazapine	4.631	130944	9337.07	46.9	1055.26	455526	11.0474 ng/ml
Mitragynine	5.237	15850	28574.00	41.2	10092.35	330545	10.3629 ng/ml
Morphine	1.240	4339	1451.30	19.8	41.70	5261	10.1579 ng/ml
Norbuprenorphine	4.992	134	395.83	83.4	382.01	4872	0.5472 ng/ml
Nordiazepam	5.900	31827	434.33	59.6	∞	88953	10.1500 ng/ml
Norfentanyl	4.079	16979	56306.91	39.2	88.04	629802	0.9774 ng/ml
Norhydrocodone	3.059	1451	47.51	45.9	63.88	15392	9.6713 ng/ml
Noroxycodone	2.909	30448	386.29	44.2	461.19	77754	9.9065 ng/ml
O-desmethyl-tramadol	3.369	178709	1836.63	6.5	135.11	1015565	9.9725 ng/ml
Oxazepam	5.756	67198	62.61	74.5	289.26	325139	10.1467 ng/ml
Oxycodone	2.834	71932	622.34	28.1	1085.98	247822	10.3985 ng/ml
Oxymorphone	1.398	20622	291.78	45.3	246.65	54561	9.9091 ng/ml
Phentermine	3.783	31790	440.50	2.0	23.59	352646	10.3023 ng/ml
Promethazine	5.538	120158	258055.80	28.4	1121.00	524848	10.1467 ng/ml
Pseudoephedrine	2.596	204053	246.00	12.6	3635.32	971139	9.8100 ng/ml
Quetiapine	5.555	75974	3492.03	59.4	3578.39	88167	10.4465 ng/ml
Sertraline	5.776	31131	1203.89	95.1	202.78	122031	10.2469 ng/ml
Temazepam	5.816	103220	930.16	31.3	196.17	571174	10.0647 ng/ml
Tramadol	4.246	173050	188.16	3.4	157.28	759979	10.1149 ng/ml
Trazodone	5.176	78743	97224.12	76.7	88092.03	267292	10.3963 ng/ml
Venlafaxine	5.037	129109	5747.63	37.5	721.82	728371	9.9833 ng/ml
Zolpidem	4.935	163805	16642.83	31.6	863.02	790990	10.2348 ng/ml

AM #28 Multi-Drug Quant. Results

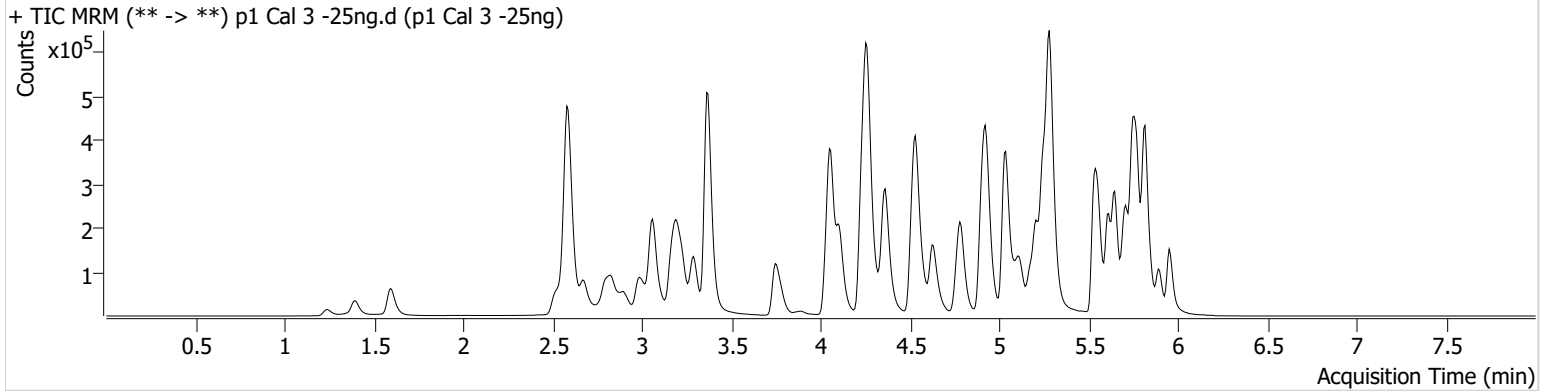
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Calibration Last Update 9/9/2021 9:05:29 AM

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	9/1/2021 1:26:44 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	3821	268.31	71.7	434.91	21681	2.4450 ng/ml
7-aminoclonazepam	4.271	47680	7802.22	83.8	2905.54	89074	24.2121 ng/ml
a-hydroxyalprazolam	5.692	48131	371.47	64.1	288.73	101072	26.6694 ng/ml
alpha-PHP	4.930	69929	2116.79	272.2	5049.63	453829	27.0894 ng/ml
alpha-PVP	4.370	271067	367.90	49.3	4270.35	453829	24.6092 ng/ml
Alprazolam	5.775	123020	422.65	107.8	666.17	101072	24.9377 ng/ml
Amphetamine	3.063	446797	1226.15	51.2	1269.83	94058	27.2186 ng/ml
Benzoylecgonine	3.892	5849	221.15	8.2	23.76	9565	24.6527 ng/ml
Buprenorphine	5.873	4797	478.18	11.6	847.48	59766	2.3885 ng/ml
Bupropion	4.788	271078	20686.86	59.3	306.36	297061	24.8208 ng/ml
Carisoprodol	5.724	69686	47626.45	47.4	447.49	146141	24.2018 ng/ml
Citalopram	5.212	150237	369.68	41.1	640.78	284225	24.4390 ng/ml
Clonazepam	5.612	183713	1049.64	32.9	261.06	67137	25.4432 ng/ml
Clonazepam	5.549	60772	84255.98	35.2	2388.54	67137	24.9779 ng/ml
Cocaine	4.257	245835	232.26	49.0	712.68	728403	24.2058 ng/ml
Codeine	2.573	24111	86481.16	105.5	646.09	41467	25.7267 ng/ml
Cyclobenzaprine	5.615	82048	1757.51	9.9	133.12	105889	24.3536 ng/ml
Dextromethorphan	5.255	72989	376.04	78.2	161.54	140652	24.4408 ng/ml
Dextrophan	4.111	45349	109535.21	214.5	4048.52	288958	24.0691 ng/ml
Diazepam	5.960	88129	1327.68	86.8	6965.16	173047	25.4268 ng/ml
Dihydrocodeine	2.545	66405	70.84	61.4	2799.41	139863	25.7980 ng/ml
Diphenhydramine	5.289	275481	7139.32	33.0	133.23	1149786	24.5850 ng/ml
Doxylamine	4.536	444386	73968.47	100.5	49897.71	696650	24.1865 ng/ml
EDDP	5.248	176913	2760.63	43.3	2098.03	442120	25.0019 ng/ml
Etizolam	5.813	83385	200382.77	28.3	1999.31	67137	23.0312 ng/ml
Fentanyl	5.103	7435	94.75	56.7	13651.47	178014	2.3594 ng/ml
Flualprazolam	5.705	23705	234.72	112.2	7768.93	101072	26.5144 ng/ml
Fluoxetine	5.700	87189	282.80	8.4	8486.29	156326	25.1768 ng/ml
Hydrocodone	3.012	65152	158.86	39.3	193.88	174040	26.8200 ng/ml
Hydromorphone	1.601	71513	22.93	73.6	2010.52	92774	24.9385 ng/ml
Ketamine	4.051	201337	419.87	41.8	2925.43	377512	24.8040 ng/ml
Lamotrigine	4.280	13907	797.69	86.1	1051.16	377512	26.7679 ng/ml
Levetiracetam	2.676	68631	1146.32	155.1	1008.71	984856	23.2433 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	198571	4121.89	53.7	275.22	67137	26.1909 ng/ml
MDA	3.196	273448	2098.76	13.3	541.32	140210	26.8563 ng/ml
MDMA	3.290	215067	3952.70	48.2	645.39	65023	24.4999 ng/ml
Meprobamate	4.917	23752	15596.93	24.3	317.71	43488	26.5540 ng/ml
Methadone	5.646	189377	669.93	47.5	859.24	300067	23.9123 ng/ml
Methamphetamine	3.231	146974	736.04	44.3	402.47	344096	26.2573 ng/ml
Metoprolol	4.326	32960	137944.27	93.6	2262.67	771604	25.4315 ng/ml
Mirtazapine	4.631	290719	482.09	46.8	3740.15	453829	27.4842 ng/ml
Mitragynine	5.237	33744	84892.93	38.7	22554.71	300067	26.3953 ng/ml
Morphine	1.240	9842	1539.79	23.1	22.07	5379	24.0886 ng/ml
Norbuprenorphine	4.979	352	472.47	64.1	186.11	4484	2.5347 ng/ml
Nordiazepam	5.900	74801	2876.70	59.2	1094.09	87416	25.3610 ng/ml
Norfentanyl	4.079	40032	459051.31	37.1	184.62	618989	2.3823 ng/ml
Norhydrocodone	3.059	3549	91.82	42.0	43.30	14948	23.5498 ng/ml
Noroxycodone	2.903	73767	583.28	45.8	866.78	78872	24.6555 ng/ml
O-desmethyl-tramadol	3.369	431451	1078.54	6.3	1118.27	1037385	24.3366 ng/ml
Oxazepam	5.749	151705	107.61	73.7	297.58	309853	25.6459 ng/ml
Oxycodone	2.827	167930	926.28	29.2	410.93	252469	25.1548 ng/ml
Oxymorphone	1.398	48229	278.12	44.6	1510.37	52841	25.6973 ng/ml
Phentermine	3.783	74981	1503.37	1.8	44.53	352045	26.7245 ng/ml
Promethazine	5.532	228052	814.67	28.4	710.85	434043	24.1979 ng/ml
Pseudoephedrine	2.589	492030	1968.70	12.7	2106.93	984856	23.9227 ng/ml
Quetiapine	5.555	161965	143901.57	61.8	4148.59	84106	24.1733 ng/ml
Sertraline	5.776	54659	247.14	95.0	302.09	90935	24.6802 ng/ml
Temazepam	5.816	233071	3859.15	31.1	1855.67	553567	24.2351 ng/ml
Tramadol	4.246	413556	590.82	3.5	264.83	771604	25.1487 ng/ml
Trazodone	5.176	163169	541.26	78.4	907.00	243391	25.2149 ng/ml
Venlafaxine	5.037	295815	531.16	37.5	1069.95	722611	23.8857 ng/ml
Zolpidem	4.928	382979	7075.13	31.2	2083.42	808151	25.1199 ng/ml

AM #28 Multi-Drug Quant. Results

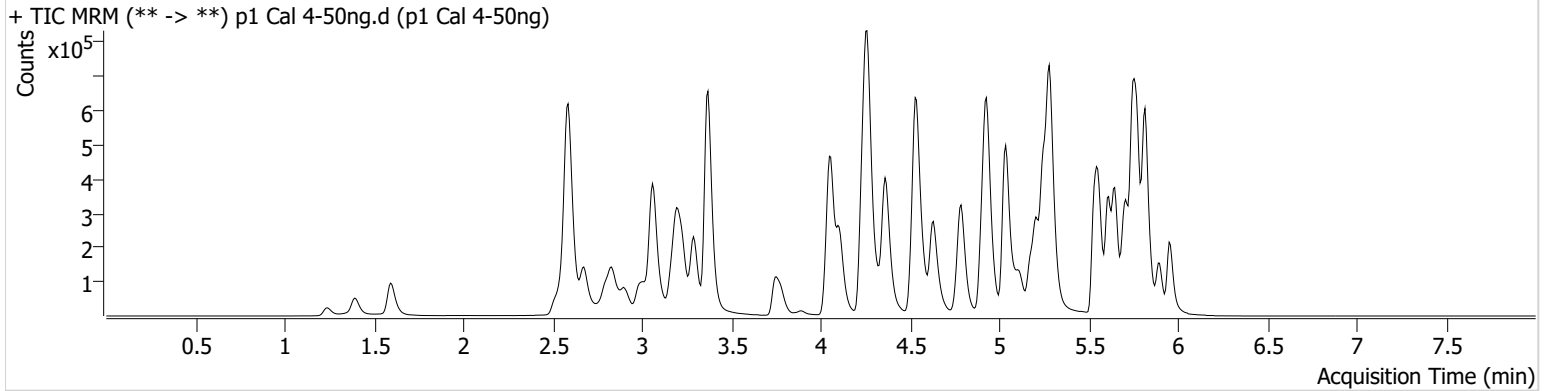
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Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-E12	Comment	
Injection Volume	2		
Acq. Date-Time	9/1/2021 1:37:20 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	7372	322.06	68.9	654.94	21290	4.8703 ng/ml
7-aminoclonazepam	4.271	95269	372.62	83.2	373.57	87749	49.7993 ng/ml
a-hydroxyalprazolam	5.692	93012	1270.12	60.8	270.26	98942	54.3448 ng/ml
alpha-PHP	4.937	127913	10293.84	275.9	6640.45	433151	53.5383 ng/ml
alpha-PVP	4.370	512176	1935.55	49.2	10276.00	433151	49.3384 ng/ml
Alprazolam	5.775	240310	1391.69	109.1	4587.39	98942	50.5441 ng/ml
Amphetamine	3.063	805441	5422.55	50.3	2941.60	86652	55.3418 ng/ml
Benzoylecgonine	3.892	11166	421.73	7.3	36.18	9486	47.8396 ng/ml
Buprenorphine	5.873	8894	1057.59	12.8	1271.79	52398	5.1716 ng/ml
Bupropion	4.788	499756	377.12	58.8	3898.59	276178	50.0415 ng/ml
Carisoprodol	5.724	132157	666.29	47.8	1144.26	138525	48.9466 ng/ml
Citalopram	5.212	258042	400.50	43.2	4202.42	250037	48.4836 ng/ml
Clonazepam	5.612	360368	1011.37	32.9	1851.44	65828	52.3058 ng/ml
Clonazepam	5.549	117423	224649.19	37.7	63861.05	65828	50.3503 ng/ml
Cocaine	4.264	486268	466.63	47.0	15694.12	710749	49.6693 ng/ml
Codeine	2.573	46179	2775.75	106.5	177.59	39201	53.6819 ng/ml
Cyclobenzaprine	5.615	137118	374.83	10.8	159.80	87985	49.6585 ng/ml
Dextromethorphan	5.255	119936	722.05	79.4	279.72	117194	49.0660 ng/ml
Dextrophan	4.111	87790	356.12	208.5	1500.66	276328	49.3270 ng/ml
Diazepam	5.960	171779	993.94	87.6	1031.72	173012	50.5046 ng/ml
Dihydrocodeine	2.545	127983	689.28	62.7	221.35	135894	52.8676 ng/ml
Diphenhydramine	5.289	474867	793.25	33.4	2899.40	1006751	49.1250 ng/ml
Doxylamine	4.536	859636	3922.88	101.1	86878.52	670106	49.4747 ng/ml
EDDP	5.254	321898	10876.26	43.3	148.05	411024	49.6027 ng/ml
Etizolam	5.813	163294	18849.34	28.9	61964.67	65828	46.1030 ng/ml
Fentanyl	5.109	13330	97.24	55.7	∞	154207	5.0116 ng/ml
Flualprazolam	5.705	44249	2823.18	119.9	881.58	98942	51.5960 ng/ml
Fluoxetine	5.700	142924	82667.91	8.8	86.18	132410	49.8275 ng/ml
Hydrocodone	3.012	125580	330.34	38.3	133.71	176454	52.3695 ng/ml
Hydromorphone	1.601	140851	440705.65	72.9	8434.13	91825	50.1561 ng/ml
Ketamine	4.051	394553	444.55	41.5	415.07	365477	51.4149 ng/ml
Lamotrigine	4.280	26003	798.56	86.4	833.54	365477	54.0505 ng/ml
Levetiracetam	2.676	133913	892.48	156.6	2133.14	946075	47.2582 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	367264	1377.41	52.8	914.43	65828	51.1292 ng/ml
MDA	3.196	493070	5143.52	13.4	852.22	128632	54.4106 ng/ml
MDMA	3.290	404010	3978.23	47.9	1433.70	58981	51.5085 ng/ml
Meprobamate	4.917	44292	114.69	24.5	123.88	42710	52.1146 ng/ml
Methadone	5.646	332755	390.56	48.1	9741.45	253640	50.6368 ng/ml
Methamphetamine	3.231	256837	5794.93	44.3	4040.11	316054	51.8053 ng/ml
Metoprolol	4.326	63429	131498.58	92.4	3524.15	761026	51.0416 ng/ml
Mirtazapine	4.631	507362	3744.21	46.9	10667.50	433151	52.1874 ng/ml
Mitragynine	5.237	54546	88972.43	39.8	25723.49	253640	51.8961 ng/ml
Morphine	1.240	20404	955.77	20.5	339.26	5371	51.3951 ng/ml
Norbuprenorphine	4.986	530	295.40	77.7	889.59	3907	4.7627 ng/ml
Nordiazepam	5.900	143068	691.77	60.2	393.15	87245	49.3167 ng/ml
Norfentanyl	4.079	79054	64.36	37.0	330.63	606051	4.8321 ng/ml
Norhydrocodone	3.059	6736	216.86	42.9	426.70	14075	46.9222 ng/ml
Noroxycodone	2.903	141438	906.70	44.9	219.27	75029	50.4227 ng/ml
O-desmethyl-tramadol	3.369	841776	25781.10	6.3	430.62	1028305	48.4451 ng/ml
Oxazepam	5.749	288045	244.61	74.9	4623.74	307351	50.1653 ng/ml
Oxycodone	2.827	330470	11256.88	29.4	702.61	250002	51.0040 ng/ml
Oxymorphone	1.391	95562	∞	43.0	257.29	53944	51.0536 ng/ml
Phentermine	3.783	136616	234.67	1.8	40.96	329174	53.7346 ng/ml
Promethazine	5.532	388152	7477.11	28.5	5175.08	362918	49.9861 ng/ml
Pseudoephedrine	2.596	934969	375.76	12.8	12116.56	946075	47.7461 ng/ml
Quetiapine	5.555	291849	445361.39	59.8	156741.00	73702	50.4157 ng/ml
Sertraline	5.776	90884	297.96	94.1	7478.63	75162	50.0493 ng/ml
Temazepam	5.816	457843	2480.62	30.5	1582.74	547399	48.7269 ng/ml
Tramadol	4.246	780163	1322.85	3.4	220.23	761026	49.0052 ng/ml
Trazodone	5.176	278161	35997.96	78.2	265324.67	213209	50.2242 ng/ml
Venlafaxine	5.037	578423	25198.79	36.6	602.66	695111	49.2071 ng/ml
Zolpidem	4.928	747968	33967.09	31.1	486.88	778525	52.2816 ng/ml

AM #28 Multi-Drug Quant. Results

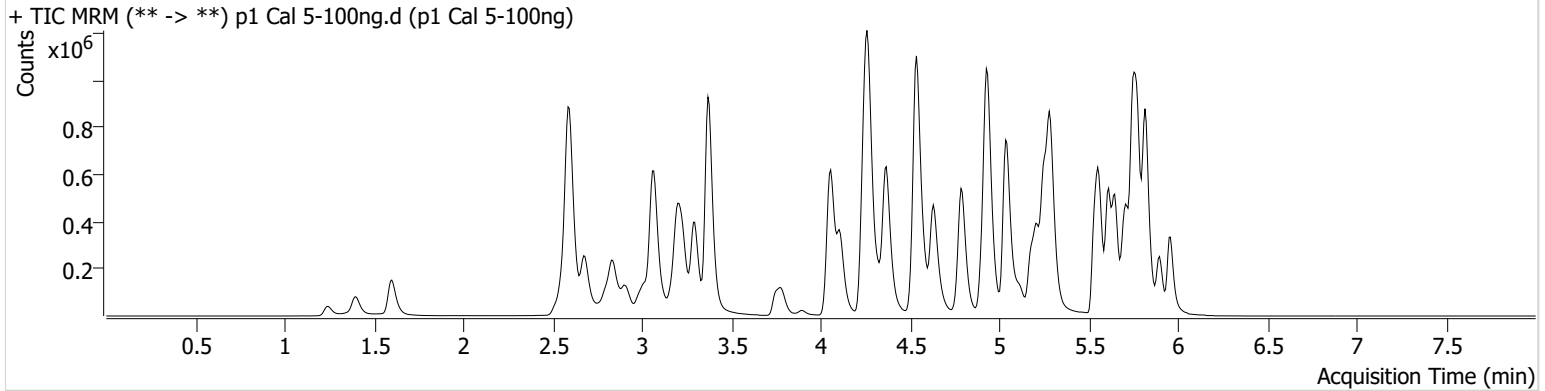
TS



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Calibration Last Update 9/9/2021 9:05:29 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	9/1/2021 1:47:56 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	14389	629.85	70.9	445.47	21435	9.5060 ng/ml
7-aminoclonazepam	4.278	171702	4553.78	83.6	216.30	80026	99.0711 ng/ml
a-hydroxyalprazolam	5.692	162422	1639.58	62.4	456.50	93303	102.1185 ng/ml
alpha-PHP	4.937	237542	2530.25	275.2	17092.45	414945	105.4460 ng/ml
alpha-PVP	4.370	971429	47321.83	49.6	550.96	414945	98.3046 ng/ml
Alprazolam	5.775	460415	2542.14	104.7	3063.60	93303	103.5006 ng/ml
Amphetamine	3.069	1341976	812.05	50.2	5904.25	75691	107.5336 ng/ml
Benzoylecgonine	3.892	22891	219.38	7.2	12929.76	9571	97.6261 ng/ml
Buprenorphine	5.873	13172	9349.14	12.2	2317.15	40892	9.9113 ng/ml
Bupropion	4.788	924056	1064.53	59.6	1299.02	257515	100.0557 ng/ml
Carisoprodol	5.724	238104	112216.38	48.7	1835.45	124998	98.2525 ng/ml
Citalopram	5.212	418132	6213.45	42.2	272225.23	200453	98.8210 ng/ml
Clonazepam	5.612	664246	948.08	32.1	10904.34	62040	103.6418 ng/ml
Clonazepam	5.548	220848	32395.75	38.3	148274.69	62040	101.6389 ng/ml
Cocaine	4.264	888173	27676.92	47.8	18616.16	654648	99.0708 ng/ml
Codeine	2.573	85490	653.20	104.8	223704.99	37681	104.7956 ng/ml
Cyclobenzaprine	5.615	212718	233.59	10.5	396.15	70793	96.3674 ng/ml
Dextromethorphan	5.262	185349	566.56	79.3	8503.87	90827	98.7254 ng/ml
Dextrophan	4.111	166282	1047.17	207.1	1096.15	263307	98.6312 ng/ml
Diazepam	5.960	330375	4279.47	86.9	4593.24	167778	101.1302 ng/ml
Dihydrocodeine	2.552	239803	461292.57	64.6	392.04	131761	103.7724 ng/ml
Diphenhydramine	5.289	767200	19694.59	33.3	17630.18	813823	98.9294 ng/ml
Doxylamine	4.536	1663432	7715.29	100.1	46988.76	644514	100.3720 ng/ml
EDDP	5.254	574557	36465.54	43.4	794.71	376348	97.3576 ng/ml
Etizolam	5.813	305597	4113.90	28.5	180120.99	62040	91.6509 ng/ml
Fentanyl	5.109	19808	337.61	54.3	18674.43	117084	9.9238 ng/ml
Flualprazolam	5.705	82779	3701.33	114.6	19535.50	93303	103.4809 ng/ml
Fluoxetine	5.707	211553	318.04	8.8	281.35	98620	100.1861 ng/ml
Hydrocodone	3.018	230814	545.77	39.2	1026.67	169951	101.3291 ng/ml
Hydromorphone	1.601	258978	2116.27	74.2	∞	85453	99.6193 ng/ml
Ketamine	4.051	746276	34086.11	41.9	8102.87	350943	102.4180 ng/ml
Lamotrigine	4.280	48838	1184.58	84.9	950.08	350943	108.1346 ng/ml
Levetiracetam	2.683	259556	2693.78	155.4	6711.16	882408	98.2550 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	601066	3499.71	52.0	2685.76	62040	90.2216 ng/ml
MDA	3.203	857337	6906.57	13.1	1516.94	116366	106.1330 ng/ml
MDMA	3.296	745477	8453.41	47.9	1459.19	57508	98.1199 ng/ml
Meprobamate	4.917	80382	135.44	23.4	1263.34	40565	101.2961 ng/ml
Methadone	5.646	515549	646.54	47.0	475.52	204204	98.2430 ng/ml
Methamphetamine	3.231	407017	506.61	44.9	10713.36	262508	100.7035 ng/ml
Metoprolol	4.326	122881	130470.48	91.9	6696.62	734497	103.9570 ng/ml
Mirtazapine	4.631	859008	5533.75	46.7	2093.24	414945	94.0245 ng/ml
Mitragynine	5.237	80536	741.08	40.5	754.17	204204	96.4700 ng/ml
Morphine	1.247	38840	8098.46	21.0	203.93	5325	99.8502 ng/ml
Norbuprenorphine	4.992	899	3363.17	63.4	4396.51	3193	10.4449 ng/ml
Nordiazepam	5.900	280050	30870.58	59.6	2459.56	83962	101.1181 ng/ml
Norfentanyl	4.086	141886	313645.76	37.1	291.94	563515	9.3523 ng/ml
Norhydrocodone	3.059	12248	∞	46.4	60.68	12947	92.2218 ng/ml
Noroxycodone	2.909	254571	1098.75	45.0	1572.34	69155	99.1480 ng/ml
O-desmethyl-tramadol	3.376	1620806	180483.02	6.2	1070.32	993239	97.1311 ng/ml
Oxazepam	5.756	500541	6093.14	73.8	7304.78	263903	102.7282 ng/ml
Oxycodone	2.834	626214	1303.43	28.9	2462.55	239914	101.7127 ng/ml
Oxymorphone	1.398	178980	356.07	43.6	1518.46	51408	101.5420 ng/ml
Phentermine	3.790	240495	248.78	1.8	243.39	296936	106.5271 ng/ml
Promethazine	5.538	595556	19072.08	28.6	929.81	291711	96.0567 ng/ml
Pseudoephedrine	2.596	1752269	1145.01	12.4	17794.36	882408	96.3772 ng/ml
Quetiapine	5.555	494217	5946.72	59.1	16167.40	63871	99.1543 ng/ml
Sertraline	5.776	141936	2575.91	94.8	197.69	60717	97.1293 ng/ml
Temazepam	5.823	826013	27241.38	30.8	1345.91	495911	97.6237 ng/ml
Tramadol	4.246	1475617	53684.56	3.4	586.36	734497	96.9874 ng/ml
Trazodone	5.176	466977	5388.28	78.0	58046.98	176037	103.3815 ng/ml
Venlafaxine	5.037	1134042	56737.31	36.8	535.39	688082	98.0809 ng/ml
Zolpidem	4.935	1426318	88666.61	31.1	7425.78	768069	102.2844 ng/ml

AM #28 Multi-Drug Quant. Results

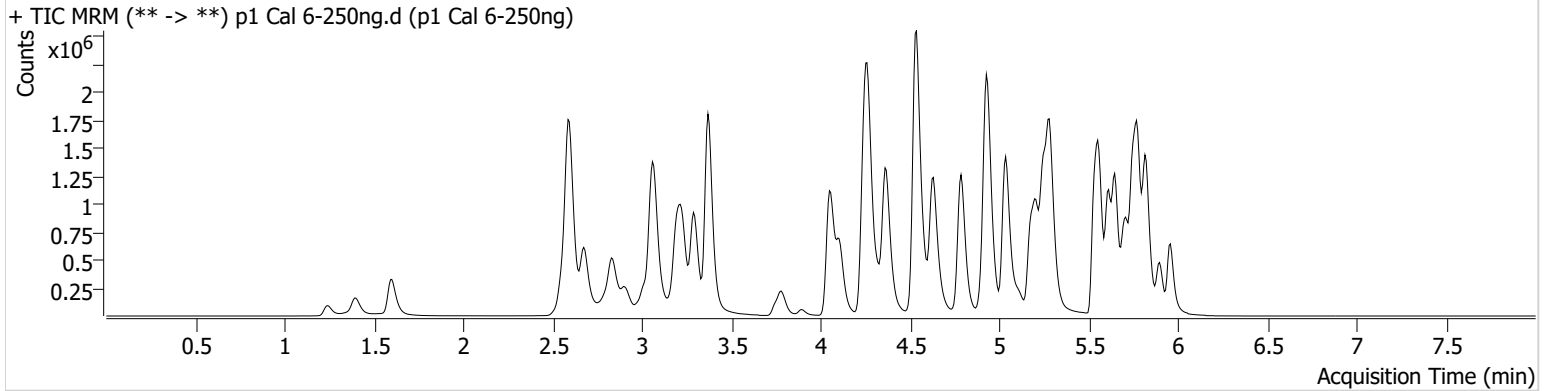
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Calibration Last Update 9/9/2021 9:05:29 AM

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	9/1/2021 1:58:32 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	37123	768.71	71.2	497.58	20681	25.5353 ng/ml
7-aminoclonazepam	4.271	357817	21415.42	85.9	10791.45	65568	253.0231 ng/ml
a-hydroxyalprazolam	5.692	289296	437.13	60.3	3049.66	83195	205.7252 ng/ml
alpha-PHP	4.937	524212	7560.64	275.7	57953.32	400537	243.3450 ng/ml
alpha-PVP	4.370	2354210	7179.14	49.4	27320.48	400537	247.7616 ng/ml
Alprazolam	5.775	1001083	7571.60	105.5	∞	83195	253.5141 ng/ml
Amphetamine	3.063	3224919	27846.12	49.8	6140.18	79017	250.3693 ng/ml
Benzoylecgonine	3.892	63988	494.28	8.1	9658.58	10719	244.2984 ng/ml
Buprenorphine	5.873	39996	125977.14	12.7	7384.10	49799	24.8734 ng/ml
Bupropion	4.788	2313552	165819.03	59.1	20593.97	259740	249.6016 ng/ml
Carisoprodol	5.724	457557	16039.32	47.6	2497.63	91510	258.7581 ng/ml
Citalopram	5.212	1176684	1160.85	41.6	591.58	223354	250.8140 ng/ml
Clonazepam	5.612	1324668	52382.84	32.2	1325.40	51945	248.7964 ng/ml
Clonazepam	5.549	468496	890015.54	37.1	400287.89	51945	259.2988 ng/ml
Cocaine	4.264	2102140	69637.43	47.4	41773.76	619847	248.5239 ng/ml
Codeine	2.573	182885	294.92	101.3	7118.87	35645	238.9064 ng/ml
Cyclobenzaprine	5.615	710340	1071.50	10.5	2894.18	89229	256.4202 ng/ml
Dextromethorphan	5.255	534591	12129.21	78.9	9698.08	103034	252.3888 ng/ml
Dextrophan	4.112	398930	5377.44	209.3	76084.31	250363	249.7586 ng/ml
Diazepam	5.960	752751	14459.36	88.3	15474.98	155273	250.4164 ng/ml
Dihydrocodeine	2.552	570695	641.80	63.5	479.56	135277	242.8161 ng/ml
Diphenhydramine	5.289	2120251	48771.89	33.3	11509.83	892376	250.4744 ng/ml
Doxylamine	4.536	4177963	3371.53	99.1	17181.36	649872	251.2511 ng/ml
EDDP	5.248	1481780	30603.80	43.1	1978.57	377510	251.4103 ng/ml
Etizolam	5.813	703847	7759.76	28.3	2210.32	51945	252.2959 ng/ml
Fentanyl	5.103	70610	481.29	55.4	66822.34	163839	25.4663 ng/ml
Flualprazolam	5.705	176979	8625.53	116.0	199462.89	83195	249.7177 ng/ml
Fluoxetine	5.707	603275	20338.90	8.8	18488.21	114119	248.6187 ng/ml
Hydrocodone	3.012	555912	900.96	38.3	300.25	169183	247.3332 ng/ml
Hydromorphone	1.601	639293	1907134.70	73.5	9739.99	85103	247.7164 ng/ml
Ketamine	4.051	1836113	2454.56	41.7	857.36	356081	250.0288 ng/ml
Lamotrigine	4.280	107075	1445.07	83.6	2101.16	356081	236.5921 ng/ml
Levetiracetam	2.676	647343	2554.96	155.8	7729.81	841429	257.0590 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	885853	32770.46	52.0	1270.10	51945	160.2909 ng/ml
MDA	3.196	1817193	4852.63	12.7	1060.73	105548	250.2648 ng/ml
MDMA	3.290	1810268	5656.98	47.9	6173.05	55867	246.3485 ng/ml
Meprobamate	4.917	153594	272.62	23.2	1576.77	36192	219.0964 ng/ml
Methadone	5.646	1575070	1499.90	46.9	1011.44	246359	250.1079 ng/ml
Methamphetamine	3.231	1218560	1830.23	43.8	4020.98	308212	259.9625 ng/ml
Metoprolol	4.326	273188	8817.92	94.9	136593.41	652484	262.4088 ng/ml
Mirtazapine	4.631	2373081	85680.08	46.7	11290.30	400537	273.4365 ng/ml
Mitragynine	5.237	247048	465804.27	40.7	71009.38	246359	247.6891 ng/ml
Morphine	1.240	95942	666.86	20.8	2700.89	5202	254.3995 ng/ml
Norbuprenorphine	4.986	2463	2894.14	71.4	2224.24	3838	24.4721 ng/ml
Nordiazepam	5.900	604276	865.28	60.4	2667.53	74323	247.6053 ng/ml
Norfentanyl	4.079	351583	2759.66	37.5	7349.42	534230	24.4878 ng/ml
Norhydrocodone	3.059	35909	173.07	41.8	75.78	11660	299.0142 ng/ml
Noroxycodone	2.903	555587	643.18	43.4	3822.86	59394	253.0510 ng/ml
O-desmethyl-tramadol	3.369	4117809	81897.35	6.2	32819.04	981736	250.5452 ng/ml
Oxazepam	5.749	822020	8114.31	74.7	2172.84	174731	256.5433 ng/ml
Oxycodone	2.827	1572532	2798.36	28.8	821.02	246196	250.3861 ng/ml
Oxymorphone	1.398	422399	∞	44.1	∞	47150	263.2530 ng/ml
Phentermine	3.783	594016	2630.22	1.7	186.88	307455	256.5399 ng/ml
Promethazine	5.532	2038891	4777.21	28.1	7057.11	386193	249.5140 ng/ml
Pseudoephedrine	2.596	4334394	61118.11	12.4	49549.18	841429	250.6993 ng/ml
Quetiapine	5.555	1334224	289317.71	60.2	4154294.71	68791	249.5493 ng/ml
Sertraline	5.776	404995	6022.25	94.7	589.30	67277	250.7438 ng/ml
Temazepam	5.823	1618589	41061.99	30.8	3244.25	387136	245.9372 ng/ml
Tramadol	4.246	3458952	1340.41	3.4	324.43	652484	257.5434 ng/ml
Trazodone	5.176	1418905	2483.66	78.9	56510.08	226226	246.0992 ng/ml
Venlafaxine	5.037	2660771	158886.58	37.1	779.58	635329	250.2087 ng/ml
Zolpidem	4.928	3461213	1479.13	30.3	4645.01	754791	254.5151 ng/ml

AM #28 Multi-Drug Quant. Results

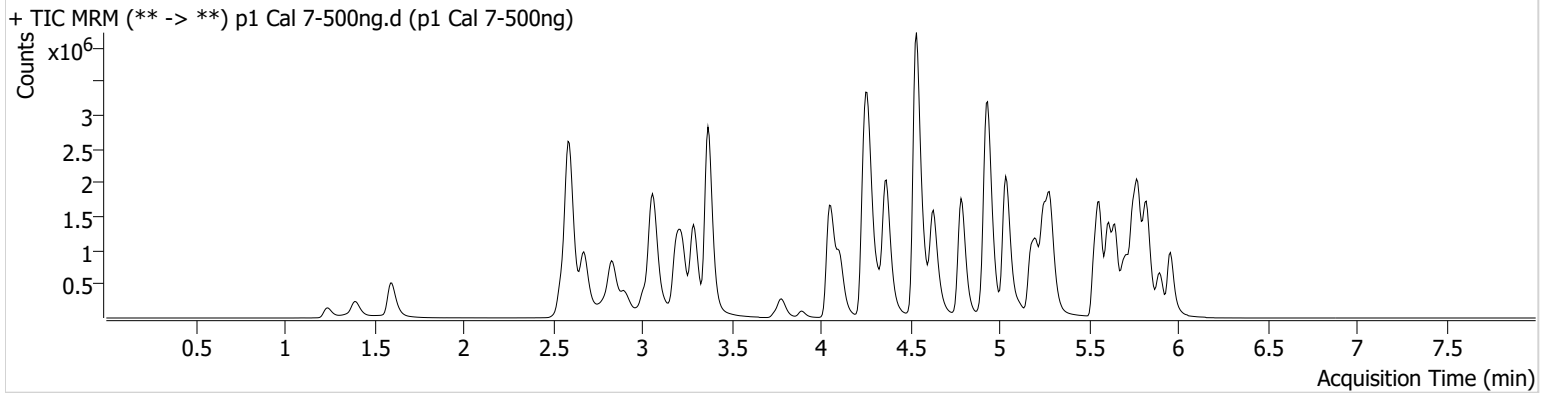
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Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-B12	Comment	
Injection Volume	2		
Acq. Date-Time	9/1/2021 2:09:07 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	69861	770.31	71.8	892.72	18941	52.5399 ng/ml
7-aminoclonazepam	4.278	514263	29665.05	82.7	∞	45285	527.2497 ng/ml
a-hydroxyalprazolam	5.692	376625	1062.59	60.6	1994.52	67763	329.8619 ng/ml
alpha-PHP	4.937	695017	32274.83	275.7	86136.18	323195	400.9801 ng/ml
alpha-PVP	4.370	3921392	1474.50	48.5	55778.85	323195	512.1284 ng/ml
Alprazolam	5.775	1597169	7389.83	105.6	5601.62	67763	497.3283 ng/ml
Amphetamine	3.063	4416215	6964.41	50.5	563.79	58798	462.5850 ng/ml
Benzoylcegonine	3.892	122101	4080.73	7.9	31166.28	9633	519.1752 ng/ml
Buprenorphine	5.873	38957	15782.06	11.6	9739.62	24136	50.0973 ng/ml
Bupropion	4.788	3361170	106883.47	58.8	815.61	185245	509.3202 ng/ml
Carisoprodol	5.730	626931	33858.22	48.1	4275.81	64784	501.2922 ng/ml
Citalopram	5.212	1275891	572.14	42.4	485.40	117400	518.2633 ng/ml
Clonazepam	5.612	2098644	35635.84	31.7	23195.29	40957	501.3241 ng/ml
Clonazepam	5.555	728459	433118.08	37.7	450220.08	40957	512.4746 ng/ml
Cocaine	4.264	3485317	100883.75	46.9	863.32	495106	516.4927 ng/ml
Codeine	2.566	268057	2393.93	107.3	12073.80	28738	435.5751 ng/ml
Cyclobenzaprine	5.615	617990	1695.32	10.7	29813.82	39853	500.1025 ng/ml
Dextromethorphan	5.262	506772	58693.58	78.5	694.89	48359	510.6691 ng/ml
Dextrophan	4.111	609372	736.82	211.5	75937.64	184807	517.4708 ng/ml
Diazepam	5.960	1259610	6956.19	88.3	8459.97	130011	501.4329 ng/ml
Dihydrocodeine	2.545	972797	845.28	63.6	471.00	125063	449.1580 ng/ml
Diphenhydramine	5.289	2371488	∞	33.2	776.63	490620	510.3396 ng/ml
Doxylamine	4.536	7153120	197723.51	99.8	160315.35	546874	512.0407 ng/ml
EDDP	5.254	2130222	361.52	43.5	12141.19	271926	502.4627 ng/ml
Etizolam	5.813	1141967	2151.82	29.1	13018.99	40957	519.2675 ng/ml
Fentanyl	5.109	63599	396.17	58.0	248.14	73366	51.3455 ng/ml
Flualprazolam	5.705	282340	8091.66	120.4	8571.30	67763	490.2030 ng/ml
Fluoxetine	5.707	418775	25785.05	8.9	109.30	38693	510.2369 ng/ml
Hydrocodone	3.012	955192	341.16	38.1	821.31	146622	491.8751 ng/ml
Hydromorphone	1.601	1105220	2114125.48	73.5	1348330.53	71701	508.8669 ng/ml
Ketamine	4.051	3197565	85499.31	41.7	1110.16	313513	495.6937 ng/ml
Lamotrigine	4.280	162022	6142.77	84.3	2661.17	313513	408.4279 ng/ml
Levetiracetam	2.676	1049838	5270.37	157.1	22438.32	681728	514.5946 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	912049	19566.62	54.1	682.59	40957	209.8998 ng/ml
MDA	3.196	2521389	12101.39	12.5	3015.69	78097	470.7768 ng/ml
MDMA	3.290	2814827	5579.98	47.4	2150.51	41736	513.5181 ng/ml
Meprobamate	4.911	214705	12519.25	22.9	4126.71	30391	365.9811 ng/ml
Methadone	5.646	1613962	81759.33	47.1	11426.53	124563	507.7599 ng/ml
Methamphetamine	3.231	1643748	1272.99	43.8	1472.48	223671	484.9733 ng/ml
Metoprolol	4.326	431903	919649.32	93.3	19894.35	551542	492.0878 ng/ml
Mirtazapine	4.631	2924589	65773.03	46.6	14564.65	323195	418.8554 ng/ml
Mitragynine	5.237	249514	257765.72	41.1	516.21	124563	496.3186 ng/ml
Morphine	1.240	163883	206.35	20.6	486.16	4456	508.5968 ng/ml
Norbuprenorphine	4.992	2451	7171.94	76.6	32.25	1847	51.1648 ng/ml
Nordiazepam	5.900	939438	1194.91	59.4	944.27	57227	500.7344 ng/ml
Norfentanyl	4.079	588110	442.55	37.9	3909.19	419463	52.1996 ng/ml
Norhydrocodone	3.059	69713	158.34	41.6	656.61	10386	651.0337 ng/ml
Noroxycodone	2.903	847732	561.00	44.5	1739.69	45073	509.5133 ng/ml
O-desmethyl-tramadol	3.369	7375280	101314.46	6.1	30217.94	845054	521.9324 ng/ml
Oxazepam	5.749	925556	6660.94	74.0	13103.96	102225	494.8228 ng/ml
Oxycodone	2.827	2778206	2158.31	29.1	5523.74	218526	499.3877 ng/ml
Oxymorphone	1.391	688923	∞	45.5	∞	42091	482.0023 ng/ml
Phentermine	3.783	853262	∞	1.7	133.87	236957	479.6475 ng/ml
Promethazine	5.532	1770229	48335.92	28.3	2274.82	164927	507.9999 ng/ml
Pseudoephedrine	2.596	7293454	882.24	12.0	970.01	681728	521.1390 ng/ml
Quetiapine	5.555	1702260	20214.22	61.4	36075.55	43488	504.3196 ng/ml
Sertraline	5.776	274901	∞	95.9	5151.98	23093	496.2237 ng/ml
Temazepam	5.823	2185323	24680.70	31.0	9992.87	252093	510.5594 ng/ml
Tramadol	4.246	5793479	4256.20	3.3	10971.13	551542	511.2846 ng/ml
Trazodone	5.176	1740265	53445.10	77.7	133731.72	135478	505.2980 ng/ml
Venlafaxine	5.037	4395344	2019.53	36.6	1303.14	507048	518.5675 ng/ml
Zolpidem	4.935	5929381	10565.76	30.5	19258.32	676426	487.7225 ng/ml

AM #28 Multi-Drug Quant. Results

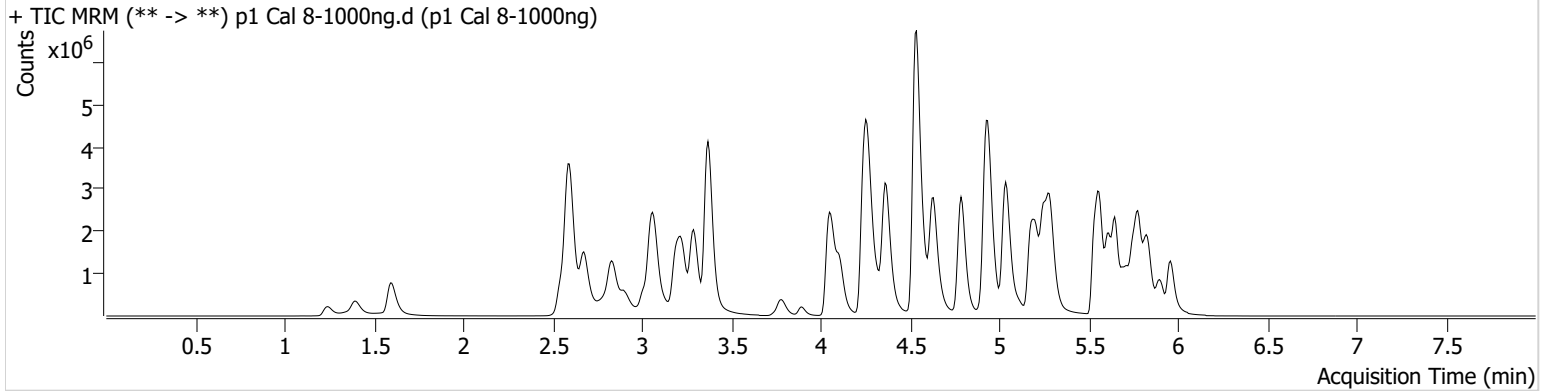
TS



Batch results D:\MassHunter\Data\2021\AM 27-28\090121 AM 28 TS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 9/9/2021 9:05:29 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	9/1/2021 2:19:43 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	119377	3282.22	72.4	2622.53	16550	102.8135 ng/ml
7-aminoclonazepam	4.278	598447	197.04	82.9	7878.52	28722	967.9522 ng/ml
a-hydroxyalprazolam	5.685	415214	478.92	62.1	408.74	48650	507.4594 ng/ml
alpha-PHP	4.937	990899	12839.43	277.3	109652.43	261996	706.5653 ng/ml
alpha-PVP	4.370	6332100	2004.93	48.5	73216.64	261996	1020.7593 ng/ml
Alprazolam	5.775	2133721	∞	106.8	∞	48650	926.0909 ng/ml
Amphetamine	3.063	6243216	2429.80	50.0	43584.22	47541	810.4255 ng/ml
Benzoylecgonine	3.892	267188	2422.82	7.7	87165.22	10532	1039.5860 ng/ml
Buprenorphine	5.873	73256	12907.22	12.3	16111.53	22119	102.9058 ng/ml
Bupropion	4.788	5495633	50080.16	58.2	62714.89	155471	993.0334 ng/ml
Carisoprodol	5.730	750736	1244688.61	47.9	3223.61	38137	1020.2721 ng/ml
Citalopram	5.212	2174828	18407.61	41.4	47206.78	101850	1019.0640 ng/ml
Clonazepam	5.612	2503848	30491.94	31.5	27800.25	27254	899.9713 ng/ml
Clonazepam	5.555	860099	165379.29	37.3	199532.85	27254	910.2245 ng/ml
Cocaine	4.264	5299889	1039.07	46.8	6158.54	384434	1012.0597 ng/ml
Codeine	2.566	383119	132.05	100.0	2486.08	24453	732.6699 ng/ml
Cyclobenzaprine	5.615	1342193	2470.90	10.6	7421.24	42232	1025.6935 ng/ml
Dextromethorphan	5.262	857597	19437.94	78.5	293.61	41336	1011.8821 ng/ml
Dextrophan	4.105	959243	3288.96	209.9	980.55	146524	1027.9837 ng/ml
Diazepam	5.960	1874858	8674.63	88.3	18081.58	101215	959.5950 ng/ml
Dihydrocodeine	2.545	1484320	425.72	63.6	18708.15	114037	752.7600 ng/ml
Diphenhydramine	5.289	3992889	130099.37	32.9	10181.48	412805	1021.9848 ng/ml
Doxylamine	4.536	12041476	33164.43	99.2	151118.04	471541	1000.4537 ng/ml
EDDP	5.254	3609990	70989.37	42.9	13196.84	227059	1020.4789 ng/ml
Etizolam	5.813	1701863	14532.98	28.2	2559.36	27254	1163.0915 ng/ml
Fentanyl	5.109	139411	6505.61	58.3	133.29	81871	100.9746 ng/ml
Flualprazolam	5.705	367220	550.03	120.5	4980.15	48650	888.9764 ng/ml
Fluoxetine	5.707	750399	13340.43	9.2	256677.19	36303	975.5531 ng/ml
Hydrocodone	3.012	1499127	275.22	39.4	113.63	126113	898.7804 ng/ml
Hydromorphone	1.595	1794171	6958116.84	74.4	13734704.8	60249	983.5931 ng/ml
Ketamine	4.051	5176614	157191.00	41.3	25215.81	268751	937.1959 ng/ml
Lamotrigine	4.287	211539	4756.52	84.9	541.93	268751	623.3870 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.676	1649150	44371.13	156.2	20405.57	507398	1086.1386 ng/ml
Lorazepam	5.747	885406	36016.10	52.5	10847.05	27254	307.1173 ng/ml
MDA	3.189	3277362	9031.04	12.2	8646.65	57039	839.1601 ng/ml
MDMA	3.290	4351685	24945.68	47.1	3626.78	33258	996.9646 ng/ml
Meprobamate	4.911	257890	8667.17	22.9	11012.81	24323	550.2157 ng/ml
Methadone	5.646	3012605	69143.48	47.4	16385.43	117182	1008.3248 ng/ml
Methamphetamine	3.231	2878917	29757.11	43.7	64186.62	215973	881.3404 ng/ml
Metoprolol	4.326	611578	2332.64	95.2	7962.25	438121	878.3577 ng/ml
Mirtazapine	4.631	5383595	86830.75	45.9	94537.93	261996	954.0977 ng/ml
Mitragynine	5.230	449906	10498.55	41.0	269969.61	117182	952.7196 ng/ml
Morphine	1.240	261361	11028.90	20.4	860.09	3757	963.1290 ng/ml
Norbuprenorphine	4.986	4615	25994.07	65.2	108.77	1812	98.6909 ng/ml
Nordiazepam	5.900	1289497	∞	59.6	241.92	39741	990.5108 ng/ml
Norfentanyl	4.079	907295	1288.14	37.2	15276.12	302272	111.7818 ng/ml
Norhydrocodone	3.059	118247	∞	44.5	1493.85	9085	1261.9371 ng/ml
Noroxycodone	2.903	1193608	2117.66	44.8	538.16	32840	985.3122 ng/ml
O-desmethyl-tramadol	3.369	12040321	77394.76	5.9	1572.73	697785	1032.4471 ng/ml
Oxazepam	5.749	842046	11481.95	73.2	4979.93	49680	927.3444 ng/ml
Oxycodone	2.827	4625471	1810.11	28.8	2813.95	193437	940.1785 ng/ml
Oxymorphone	1.391	1124114	266.82	43.6	911.16	35565	931.9597 ng/ml
Phentermine	3.783	1252730	∞	1.7	259.55	205250	814.2017 ng/ml
Promethazine	5.532	4031500	3963.67	27.6	1950.88	183189	1042.3220 ng/ml
Pseudoephedrine	2.596	11190056	144207.63	11.9	95306.09	507398	1074.7335 ng/ml
Quetiapine	5.562	3156091	34197.09	59.8	29131.58	40776	997.8856 ng/ml
Sertraline	5.776	531775	16794.77	94.9	21167.06	21552	1028.9789 ng/ml
Temazepam	5.830	2503738	11170.88	30.7	21259.29	138929	1062.0606 ng/ml
Tramadol	4.239	8849044	1349.20	3.2	791.69	438121	984.0285 ng/ml
Trazodone	5.176	3655912	116957.88	77.8	145056.67	152893	941.6606 ng/ml
Venlafaxine	5.037	7132848	120335.88	36.0	173742.14	413894	1031.5723 ng/ml
Zolpidem	4.928	9786396	5641.54	29.7	1128.45	587571	927.9011 ng/ml