




REVIEWED

By Sarah Pickle at 3:59 pm, Sep 01, 2020

9/1/2020 TS

Worklist: 4466

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2020-3036	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-3037	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2155	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2169	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2169	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2170	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2273	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2374	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2437	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2461	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2469	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2486	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2487	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2505	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2506	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2509	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2510	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2511	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

TS

Extraction Date: 08/27/2020
Plate lot#: Item #:IDP-111-2 Lot:200513

Analyst: Tamara Salazar
Plate Expiration: 11/13/2020

Mobile phase A: 5mM Amm Form + 0.01% FA
0.5M Ammonium Hydroxide

Mobile phase B: 0.01% Formic Acid in MeOH
Ethyl Acetate 20% Methanol in Water

Blank Blood Lot: 445283-4

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.

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 42** in wells of analytical (standards) plate.
- 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** 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. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

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? Y / N _____ Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: *Curves Limited: Amphetamine 5-250, Benzoyllecgonine 5-500, Lamotrigine 5-250, Lorazepam 5-100, MDA 5-500, Meprobamate 5-250, Metoprolol 5-500, Norbuprenorphine 1-100, Phentermine 5-500,*

Sertraline reported qualitatively.

QC10 and Negative control were reinjected on 08-29-2020 due to artificially inflated concentrations caused by a clog in the LC system.

TS



AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument Falco
Type Sample
Acq. Method MDQ P1 060520.m
Sample Position P1-F2
Injection Volume 2
Acq. Date-Time 8/28/2020 11:19:30 PM
Sample Info.

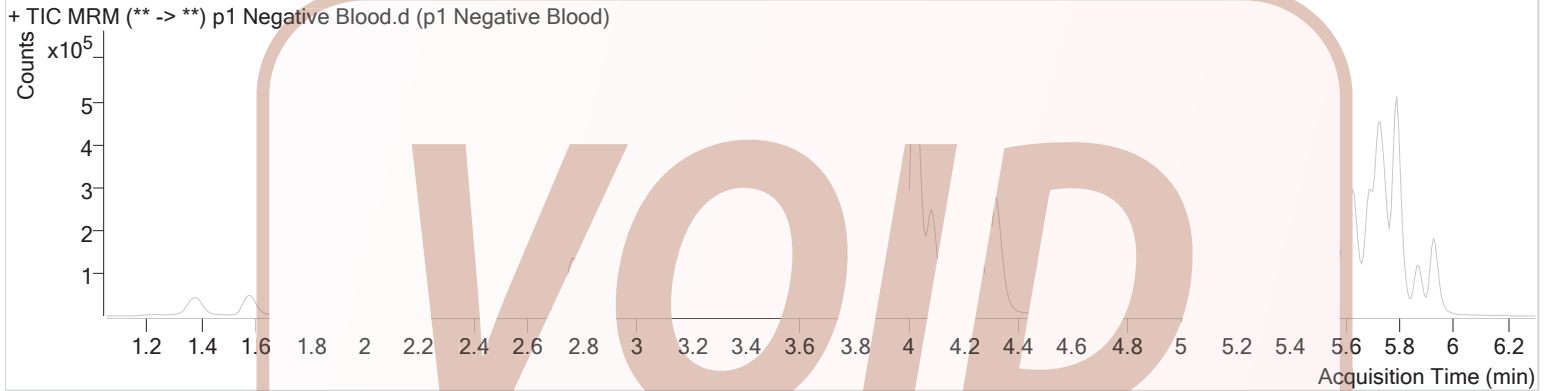
Data File p1 Negative Blood.d
Sample p1 Negative Blood
Operator Tamara Salazar
Comment

Negative control reinjected due to interference from a clog in the LC system.

09/01/2020

TS

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluoxetine	5.690	16275	∞	8.8	2643.51	108466	6.0616 ng/ml
Sertraline	5.758	8663	138.06	92.3	126.43	48945	7.3148 ng/ml

TS

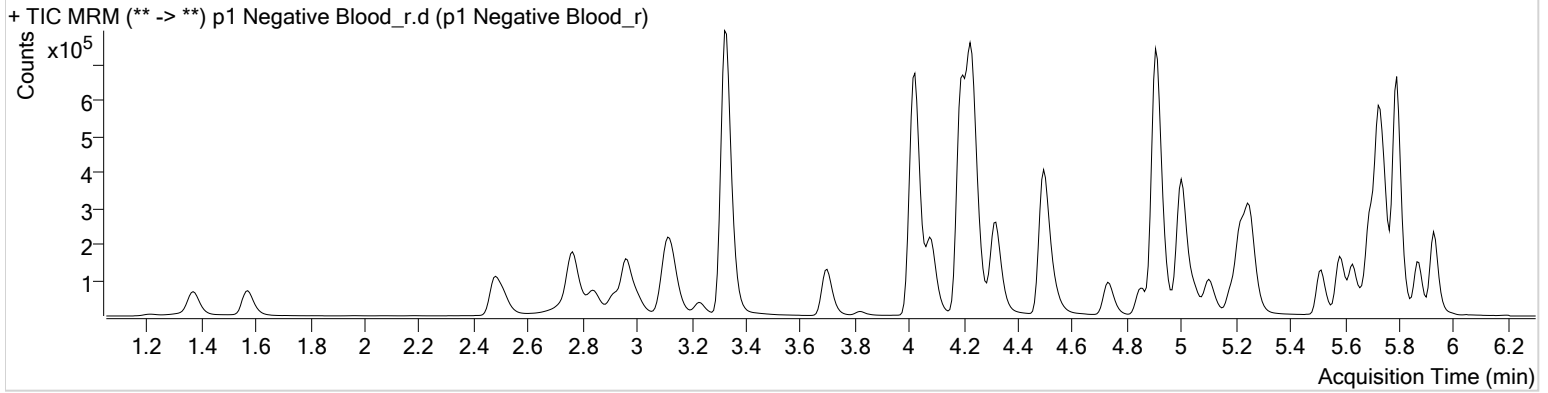


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 Negative Blood_r.d
Type	Sample	Sample	p1 Negative Blood_r
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-F2	Comment	
Injection Volume	2		
Acq. Date-Time	8/29/2020 3:11:13 PM		
Sample Info.			

Sample Chromatogram



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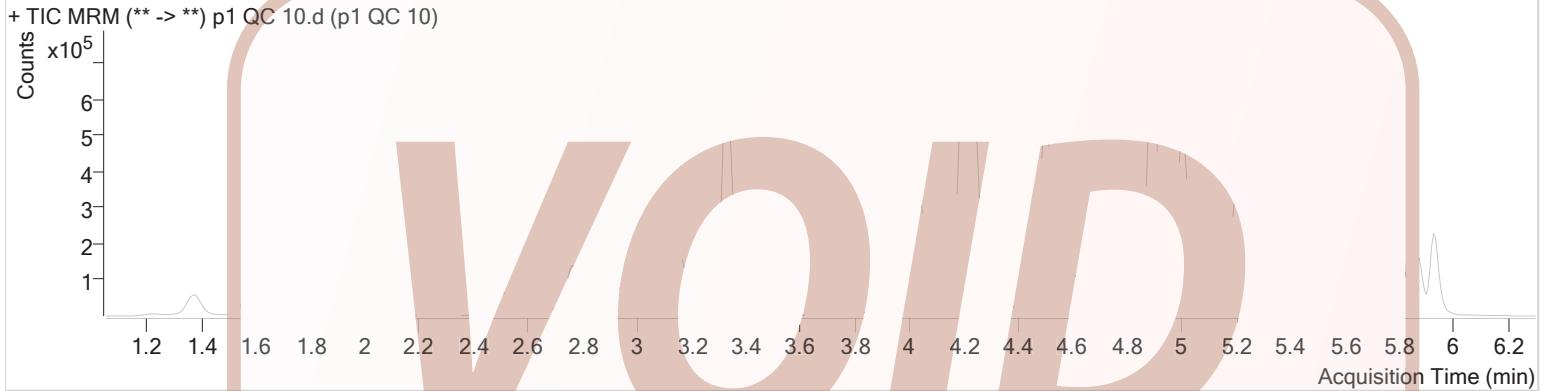


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-A2	Comment	QC reinjected due to interference caused by a clog in the LC system.
Injection Volume	2		
Acq. Date-Time	8/28/2020 9:44:05 PM		
Sample Info.			09/01/2020 TS

Sample Chromatogram



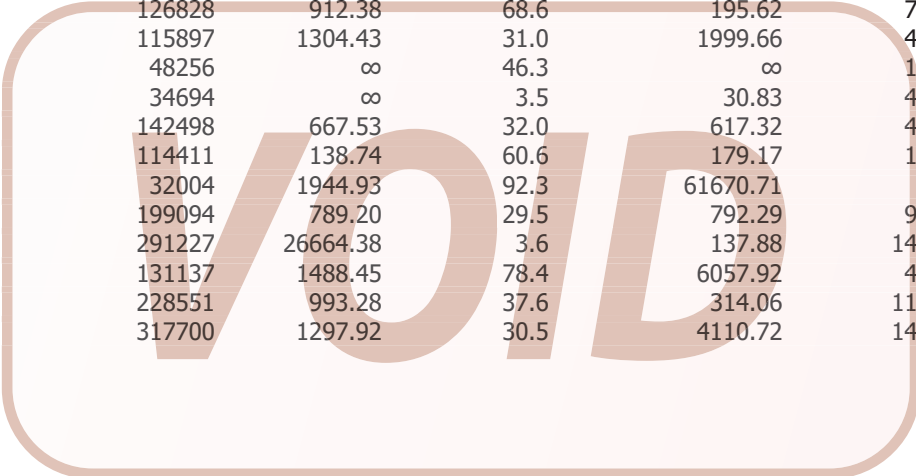
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.112	3115	1930.99	75.4	1276.81	64051	1.0034 ng/ml
7-aminoclonazepam	4.243	69971	∞	81.5	1079.71	257376	9.9335 ng/ml
a-hydroxyalprazolam	5.674	29300	184.54	60.8	312.31	66952	10.4101 ng/ml
alpha-PHP	4.895	39832	7269.78	265.3	3976.90	695813	10.9647 ng/ml
alpha-PVP	4.329	165829	5027.78	50.0	866.44	695813	10.2639 ng/ml
Alprazolam	5.751	102979	753.54	109.2	1263.34	294728	10.0173 ng/ml
Amphetamine	2.997	198818	2848.71	51.5	2328.38	187163	10.3666 ng/ml
Benzoylecgonine	3.851	5491	∞	7.9	129.57	17926	9.8939 ng/ml
Buprenorphine	5.721	4654	207.63	17.0	287.69	167253	1.2195 ng/ml
Bupropion	4.753	140944	1176.34	61.3	833.45	437671	10.2812 ng/ml
Carisoprodol	5.707	68779	∞	53.8	593.57	320720	10.3589 ng/ml
Citalopram	5.196	111511	822.27	43.3	606.44	457988	10.9173 ng/ml
Clonazepam	5.588	137340	7462.39	33.7	∞	156135	10.1643 ng/ml
Cocaine	4.229	168341	1032.66	44.6	3631.99	1183142	10.2466 ng/ml
Codeine	2.550	16435	821.36	104.5	12668.75	77919	9.4982 ng/ml
Cyclobenzaprine	5.605	68214	275.94	9.6	332.45	181130	14.7787 ng/ml
Dextromethorphan	5.233	57180	380.48	78.3	157.60	225611	12.0782 ng/ml
Dextrorphan	4.084	42990	1001.54	213.5	2917.14	550678	9.9791 ng/ml
Diazepam	5.936	78067	∞	86.2	2453.94	353216	10.5243 ng/ml
Dihydrocodeine	2.508	42752	530.32	64.7	518.05	226054	10.1988 ng/ml
Diphenhydramine	5.260	204291	4406.30	32.8	6050.05	1381089	11.2528 ng/ml
Doxylamine	4.514	327605	11832.67	97.0	5947.53	1298810	10.3302 ng/ml
EDDP	5.225	150707	2520.14	42.3	6812.60	777740	10.2036 ng/ml
Fentanyl	5.060	6949	438.16	66.4	7305.36	234163	1.3625 ng/ml
Fluoxetine	5.690	68087	∞	8.8	∞	156792	17.8493 ng/ml
Hydrocodone	2.993	59197	251.64	37.7	125.09	360723	10.3956 ng/ml
Hydromorphone	1.587	50121	∞	76.7	491.65	161822	9.8174 ng/ml
Ketamine	4.030	131524	8379.01	40.6	247.38	553370	10.2942 ng/ml
Lamotrigine	4.259	12579	306.43	82.2	485.28	553370	10.9239 ng/ml
Lorazepam	5.729	117511	976.42	57.0	1249.31	156135	10.4283 ng/ml
MDA	3.157	163514	2419.95	18.7	580.24	306659	11.0945 ng/ml
MDMA	3.251	123979	∞	60.4	2640.16	107862	10.5370 ng/ml
Meprobamate	4.876	26147	6780.83	26.1	∞	142988	9.8742 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	159260	1398.25	51.6	3834.72	655655	11.2511 ng/ml
Methamphetamine	3.178	110405	435.26	42.6	283.76	498725	10.6440 ng/ml
Metoprolol	4.292	25573	∞	97.2	∞	1451961	9.6396 ng/ml
Mirtazapine	4.616	200047	1688.64	48.5	4416.36	695813	10.9880 ng/ml
Mitragynine	5.201	36512	2729.49	39.7	2632.70	655655	11.9437 ng/ml
Morphine	1.233	7801	341.64	23.2	198.08	8940	9.7065 ng/ml
Norbuprenorphine	4.964	533	96.63	93.1	73.31	17359	1.0417 ng/ml
Nordiazepam	5.876	74942	1900.26	56.5	520.11	229737	10.5038 ng/ml
Norfentanyl	4.051	24121	586.70	38.6	317.86	1067390	0.9797 ng/ml
Norhydrocodone	3.027	6557	173.44	40.4	52.04	65803	9.5619 ng/ml
Noroxycodone	2.864	53945	539.49	47.5	760.40	173896	10.3499 ng/ml
O-desmethyl-tramadol	3.337	284961	∞	6.0	∞	1512371	10.0321 ng/ml
Oxazepam	5.732	126828	912.38	68.6	195.62	719701	10.6406 ng/ml
Oxycodone	2.796	115897	1304.43	31.0	1999.66	486412	10.3638 ng/ml
Oxymorphone	1.376	48256	∞	46.3	∞	169458	10.0317 ng/ml
Phentermine	3.736	34694	∞	3.5	30.83	452057	10.5114 ng/ml
Promethazine	5.515	142498	667.53	32.0	617.32	423441	14.7137 ng/ml
Quetiapine	5.525	114411	138.74	60.6	179.17	137331	10.8785 ng/ml
Sertraline	5.758	32004	1944.93	92.3	61670.71	75037	17.4549 ng/ml
Temazepam	5.799	199094	789.20	29.5	792.29	970947	9.8432 ng/ml
Tramadol	4.211	291227	26664.38	3.6	137.88	1451961	10.0882 ng/ml
Trazodone	5.141	131137	1488.45	78.4	6057.92	466142	11.1018 ng/ml
Venlafaxine	5.008	228551	993.28	37.6	314.06	1133597	11.0275 ng/ml
Zolpidem	4.912	317700	1297.92	30.5	4110.72	1479710	10.2920 ng/ml



AM #28 Multi-Drug Quant. Results

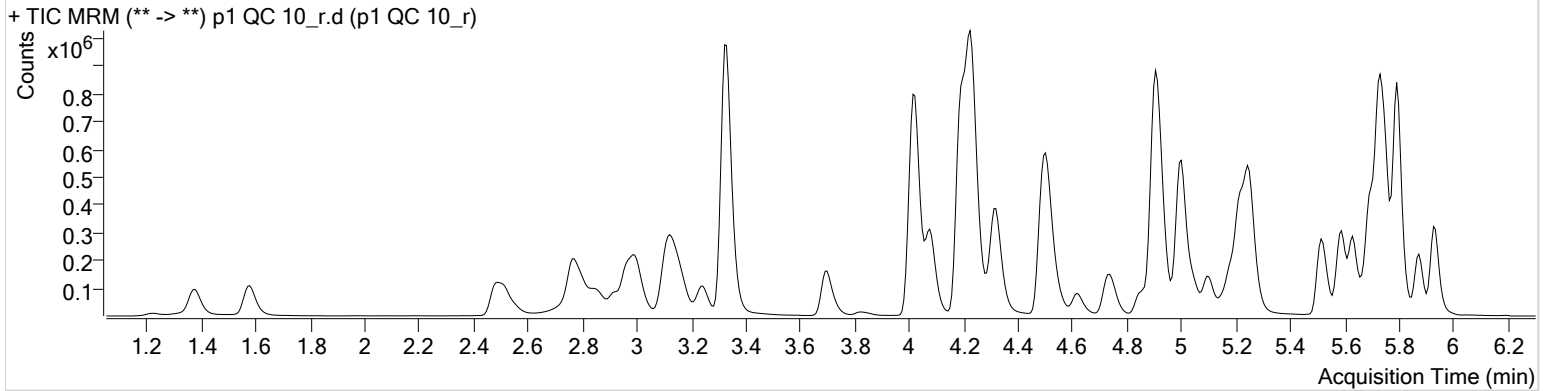
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Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 QC 10_r.d
Type	QC	Sample	p1 QC 10_r
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-A2	Comment	
Injection Volume	2		
Acq. Date-Time	8/29/2020 2:39:18 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.105	4677	21088.29	72.4	1395.86	93615	1.0327 ng/ml
7-aminoclonazepam	4.237	103965	474.84	81.7	265.99	378840	10.0250 ng/ml
a-hydroxyalprazolam	5.674	43187	1015.50	61.9	477.42	102794	9.9794 ng/ml
alpha-PHP	4.895	33149	1615.35	271.2	2233.71	795047	7.7453 ng/ml
alpha-PVP	4.329	184821	10830.52	50.6	546.55	795047	10.0237 ng/ml
Alprazolam	5.751	149005	964.51	107.3	2693.74	426841	10.0086 ng/ml
Amphetamine	3.004	201627	1278.47	52.3	1732.43	196687	9.9716 ng/ml
Benzoylcegonine	3.845	10016	45816.70	8.4	244.76	28214	11.5331 ng/ml
Buprenorphine	5.741	2776	90.85	15.2	27.81	114149	1.0661 ng/ml
Bupropion	4.753	99909	2003.63	59.5	367.34	328256	9.7115 ng/ml
Carisoprodol	5.707	96885	4792.25	56.0	195.01	475071	9.8350 ng/ml
Citalopram	5.183	68066	11214.55	43.1	297896.23	310000	9.8612 ng/ml
Clonazepam	5.588	192765	3990.22	33.8	2195.42	230424	9.6299 ng/ml
Cocaine	4.229	219352	7172.87	45.1	5379.91	1524904	10.3531 ng/ml
Codeine	2.557	24100	1290.88	105.1	474.38	113556	9.5555 ng/ml
Cyclobenzaprine	5.598	38771	∞	10.5	101.97	155921	9.7793 ng/ml
Dextromethorphan	5.226	33050	∞	80.0	298.70	155613	10.1540 ng/ml
Dextrophan	4.084	44539	712.33	213.3	1806.67	584328	9.7475 ng/ml
Diazepam	5.936	106740	708.08	87.6	6876.61	504823	10.0589 ng/ml
Dihydrocodeine	2.515	62660	4280.25	64.1	4664.01	340127	9.9251 ng/ml
Diphenhydramine	5.253	124587	6561.28	33.0	1594.34	943361	10.1217 ng/ml
Doxylamine	4.514	348909	24734.86	97.6	91133.05	1435556	9.9454 ng/ml
EDDP	5.218	122439	9864.59	43.1	2033.96	656433	9.8226 ng/ml
Fentanyl	5.060	4236	161.73	57.4	8357.98	192180	1.0146 ng/ml
Fluoxetine	5.690	41688	456.21	7.9	8347.78	167598	10.1549 ng/ml
Hydrocodone	2.993	80937	325.22	38.2	114.77	490329	10.4593 ng/ml
Hydromorphone	1.587	73708	468.62	75.7	473.42	231898	10.0788 ng/ml
Ketamine	4.030	178696	617.35	39.9	502.81	775662	9.9589 ng/ml
Lamotrigine	4.253	18276	∞	79.4	35699.19	775662	11.3528 ng/ml
Lorazepam	5.729	158781	∞	56.8	388.54	230424	9.3975 ng/ml
MDA	3.150	152034	1870.73	18.9	420.14	299906	10.5053 ng/ml
MDMA	3.244	120704	182408.96	61.7	2308.55	109372	10.1146 ng/ml
Meprobamate	4.876	39027	2271.69	27.5	416.04	203513	10.3917 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	90587	1221.14	54.5	199.43	428002	9.8219 ng/ml
Methamphetamine	3.178	118781	626.12	42.0	1278.49	553121	10.2943 ng/ml
Metoprolol	4.285	30163	39789.91	98.2	1046.76	1883238	8.7153 ng/ml
Mirtazapine	4.616	134912	7590.42	49.3	2711.98	795047	6.6301 ng/ml
Mitragynine	5.194	20947	22833.18	37.1	14014.61	428002	10.4079 ng/ml
Morphine	1.226	11727	1036.90	24.1	613.76	12924	10.1034 ng/ml
Norbuprenorphine	4.957	318	31.68	65.7	∞	11388	0.9177 ng/ml
Nordiazepam	5.882	101534	1116.08	57.1	1317.39	321941	10.1466 ng/ml
Norfentanyl	4.044	28238	467.67	38.7	131.61	1297465	0.9453 ng/ml
Norhydrocodone	3.027	7960	527.54	42.4	79.41	82327	9.3180 ng/ml
Noroxycodone	2.871	73534	716.55	48.5	2019.79	230712	10.6308 ng/ml
O-desmethyl-tramadol	3.330	425271	1801.26	6.0	1864.22	2276404	9.9479 ng/ml
Oxazepam	5.732	173632	3187.93	70.3	2119.73	1041382	10.0424 ng/ml
Oxycodone	2.796	169743	∞	31.3	1563.95	710649	10.3898 ng/ml
Oxymorphone	1.376	70421	∞	47.1	784.04	242156	10.2539 ng/ml
Phentermine	3.736	33125	∞	2.8	26.77	459192	9.8352 ng/ml
Promethazine	5.515	84257	871.16	32.0	432.80	384007	9.7085 ng/ml
Quetiapine	5.525	86454	12660.06	61.2	155285.90	110443	10.1888 ng/ml
Sertraline	5.758	21923	1236.79	88.2	36301.90	87787	10.2705 ng/ml
Temazepam	5.799	290065	1763.17	30.1	337.04	1408552	9.8845 ng/ml
Tramadol	4.205	371059	26176.72	3.5	110.68	1883238	9.9029 ng/ml
Trazodone	5.155	88556	∞	80.1	∞	370770	9.1575 ng/ml
Venlafaxine	5.001	238931	1560.53	36.8	507.92	1228361	10.6655 ng/ml
Zolpidem	4.926	423909	∞	30.9	11858.51	2107459	9.6333 ng/ml

AM #28 Multi-Drug Quant. Results

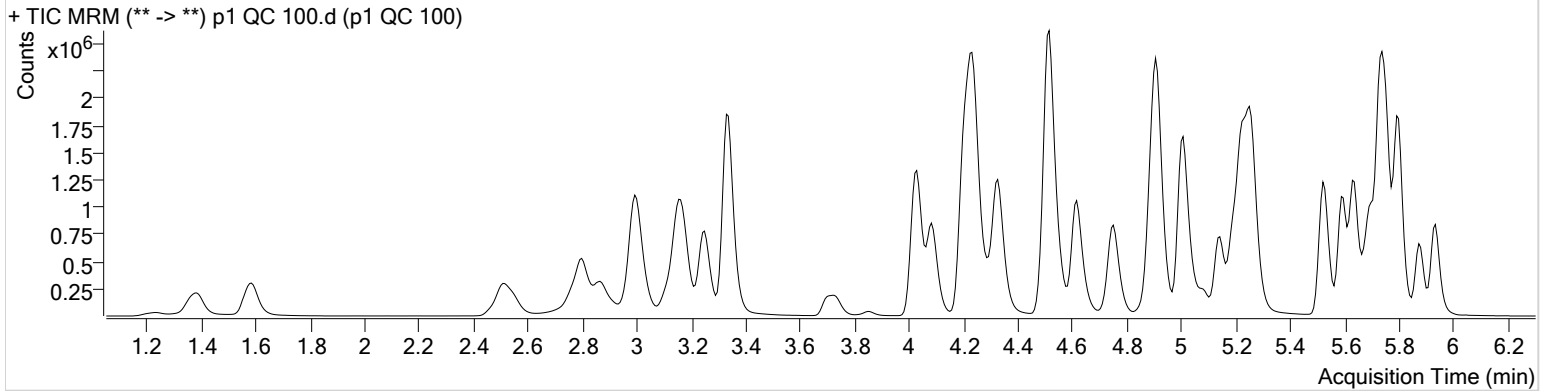
TS



Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-B2	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 10:05:20 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.112	36049	1172.51	69.1	1511.70	74256	10.6491 ng/ml
7-aminoclonazepam	4.243	710043	∞	82.8	14100.15	246981	102.7652 ng/ml
a-hydroxyalprazolam	5.674	316850	599.24	61.5	951.08	72536	107.1813 ng/ml
alpha-PHP	4.895	394169	121647.74	265.3	76691.68	741502	109.1642 ng/ml
alpha-PVP	4.329	1787352	29626.18	50.0	11071.11	741502	99.3294 ng/ml
Alprazolam	5.751	1103796	7519.38	105.0	3349.59	290386	104.9616 ng/ml
Amphetamine	2.997	1829104	32016.83	51.7	15941.40	191520	100.6095 ng/ml
Benzoylcegonine	3.851	66583	22266.41	7.7	4436.75	20753	107.6305 ng/ml
Buprenorphine	5.721	35294	450.16	17.0	478.50	145272	10.6295 ng/ml
Bupropion	4.753	1330101	1555.62	59.9	10304.23	407885	105.0315 ng/ml
Carisoprodol	5.707	711273	49529.83	54.1	983.09	328986	107.3861 ng/ml
Citalopram	5.190	983932	695.90	42.3	353.27	420134	103.5994 ng/ml
Clonazepam	5.588	1450405	1646.15	32.9	4759.69	161574	110.6845 ng/ml
Cocaine	4.229	1826043	152270.77	44.3	4501233.31	1223545	102.2209 ng/ml
Codeine	2.550	189406	1352.62	106.3	21272.12	82530	100.7767 ng/ml
Cyclobenzaprine	5.605	353912	1243.48	9.7	865.09	130339	106.1617 ng/ml
Dextromethorphan	5.233	423589	20269.40	79.3	573.89	187001	106.3607 ng/ml
Dextrophan	4.084	477310	2139.22	212.3	21581.63	596842	100.6170 ng/ml
Diazepam	5.936	812262	4003.71	87.3	14305.45	366838	107.3890 ng/ml
Dihydrocodeine	2.508	496476	1090.44	64.6	971.14	258033	107.1446 ng/ml
Diphenhydramine	5.260	1797119	1147.94	33.2	12167.52	1283702	100.5836 ng/ml
Doxylamine	4.514	3606441	84606.37	98.9	∞	1428861	105.4808 ng/ml
EDDP	5.225	1616383	709.39	43.0	18670.25	838679	101.2550 ng/ml
Fentanyl	5.066	40858	349.12	69.8	38973.85	185998	10.0206 ng/ml
Fluoxetine	5.690	256362	1129.48	8.7	∞	98568	107.7122 ng/ml
Hydrocodone	2.993	630944	2574.82	37.5	480.90	392670	106.0141 ng/ml
Hydromorphone	1.587	555929	2046.31	76.7	∞	174410	102.4965 ng/ml
Ketamine	4.030	1454023	54157.91	40.1	2436.33	611316	108.6147 ng/ml
Lamotrigine	4.259	133404	8586.94	81.4	1817.39	611316	111.9890 ng/ml
Lorazepam	5.729	1042335	2819.29	56.0	6278.39	161574	102.8824 ng/ml
MDA	3.150	1571061	8396.44	18.6	3188.06	308798	113.2575 ng/ml
MDMA	3.251	1324231	14939.95	61.8	∞	115503	105.6727 ng/ml
Meprobamate	4.876	273889	2193.59	25.7	12425.91	150810	104.8004 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	1362989	1433.96	50.2	∞	602949	103.5188 ng/ml
Methamphetamine	3.178	1021605	2341.51	42.4	6711.04	475638	112.3281 ng/ml
Metoprolol	4.292	289944	546648.80	94.6	3376.13	1599021	104.4521 ng/ml
Mirtazapine	4.616	1968336	10501.03	48.5	11137.61	741502	98.5472 ng/ml
Mitragynine	5.201	290940	39346.39	38.3	17559.46	602949	109.1051 ng/ml
Morphine	1.233	90174	535.19	22.3	357.81	10095	101.6487 ng/ml
Norbuprenorphine	4.957	4010	470.84	88.1	10611.61	15820	10.8193 ng/ml
Nordiazepam	5.876	787581	2935.26	57.9	10006.86	237754	109.0297 ng/ml
Norfentanyl	4.051	267336	1930.08	36.7	3357.98	1115890	9.9450 ng/ml
Norhydrocodone	3.034	65311	225.48	43.6	269.06	55302	98.9330 ng/ml
Noroxycodone	2.864	596354	3797.32	47.2	606.15	182055	108.1971 ng/ml
O-desmethyl-tramadol	3.337	3361284	∞	6.0	1630.76	1679868	105.1892 ng/ml
Oxazepam	5.732	1208524	13482.96	71.7	3083.62	684948	110.7395 ng/ml
Oxycodone	2.796	1352514	6061.65	30.8	14776.03	547326	109.2970 ng/ml
Oxymorphone	1.383	525754	5063.45	48.1	∞	181505	106.0897 ng/ml
Phentermine	3.736	365689	2765.78	2.9	441.13	461545	115.4984 ng/ml
Promethazine	5.515	733390	875.97	31.2	1019.05	313692	100.2531 ng/ml
Quetiapine	5.525	1129317	∞	59.6	25350.51	140692	109.5153 ng/ml
Sertraline	5.758	113125	683.55	91.5	514.74	43345	106.1896 ng/ml
Temazepam	5.799	2233509	1689.92	29.7	1763.00	1063039	98.8178 ng/ml
Tramadol	4.205	3200495	49686.12	3.4	859.51	1599021	104.2617 ng/ml
Trazodone	5.141	1135317	∞	79.0	558.00	451929	113.2002 ng/ml
Venlafaxine	5.008	2528060	∞	36.7	14833.58	1221578	106.2199 ng/ml
Zolpidem	4.912	3489512	192936.42	30.8	∞	1572352	107.6930 ng/ml

TS

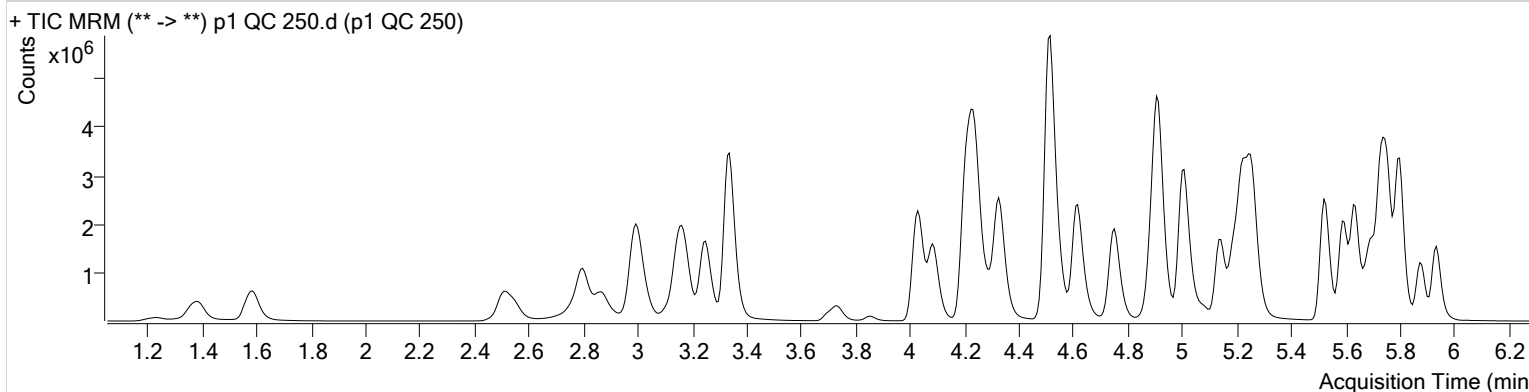


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-C2	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 10:26:30 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.105	86292	14421.52	71.8	3372.88	73105	25.9930 ng/ml
7-aminoclonazepam	4.243	1358782	12707.55	83.1	∞	193730	250.3705 ng/ml
a-hydroxyalprazolam	5.674	652272	1218.88	62.5	4677.13	64960	246.8541 ng/ml
alpha-PHP	4.895	838764	13350.40	265.5	58844.65	696122	248.5598 ng/ml
alpha-PVP	4.329	4132883	2153.48	49.7	2074.03	696122	243.9322 ng/ml
Alprazolam	5.758	2276581	1821.83	106.6	6469.15	242209	258.9448 ng/ml
Amphetamine	2.997	3552855	445287.47	51.0	33041.40	180096	208.8081 ng/ml
Benzoylecgonine	3.851	172115	1365.08	7.7	1726.69	20462	282.8521 ng/ml
Buprenorphine	5.721	74676	3670.64	16.2	504.18	132397	24.6740 ng/ml
Bupropion	4.753	3253903	4149.45	59.7	1390.38	417609	251.1021 ng/ml
Carisoprodol	5.707	1399133	1352.81	54.3	33260.82	276597	251.6828 ng/ml
Citalopram	5.190	2109567	789.00	42.3	3078.13	378383	246.4018 ng/ml
Clonazepam	5.588	3018790	62649.68	32.6	31925.25	145245	257.2661 ng/ml
Cocaine	4.229	4042509	173230.35	43.8	91250.63	1112345	248.1254 ng/ml
Codeine	2.550	424486	1890.05	105.2	928.00	75232	247.3831 ng/ml
Cyclobenzaprine	5.605	743340	2962.07	10.0	651.72	114242	254.3054 ng/ml
Dextromethorphan	5.233	859370	1512.74	79.7	546.22	160527	251.0975 ng/ml
Dextrorphan	4.084	1083298	1739.61	213.2	2601.44	552154	246.5882 ng/ml
Diazepam	5.936	1715795	2366.81	87.3	8989.32	325413	256.0217 ng/ml
Dihydrocodeine	2.508	1130506	1239.26	64.6	1694.62	251819	250.4878 ng/ml
Diphenhydramine	5.260	3994636	4348.27	32.8	4206.04	1172261	243.8291 ng/ml
Doxylamine	4.514	8808683	156300.89	97.7	274006.98	1419827	259.6164 ng/ml
EDDP	5.225	3697267	3917.46	42.6	2842.49	794819	244.3517 ng/ml
Fentanyl	5.060	93887	2607.55	67.7	3517.82	172282	24.8443 ng/ml
Fluoxetine	5.690	474148	1015.23	9.2	1202.03	79539	247.0871 ng/ml
Hydrocodone	2.993	1288944	253.99	39.0	∞	367016	232.2831 ng/ml
Hydromorphone	1.587	1255025	∞	76.9	∞	171302	235.7915 ng/ml
Ketamine	4.030	3336714	233682.04	39.9	1259.90	594702	257.0583 ng/ml
Lamotrigine	4.259	265997	7850.73	80.6	52495.94	594702	230.4034 ng/ml
* Lorazepam	5.729	1592721	∞	57.1	28992.73	145245	176.1290 ng/ml
MDA	3.150	3042273	16203.35	18.4	2280.75	267810	253.9508 ng/ml
MDMA	3.251	2952694	39786.42	61.7	70923.21	107614	252.9841 ng/ml
Meprobamate	4.876	516783	26934.33	25.1	14071.24	138391	216.2823 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	3049666	100406.65	49.7	49597.26	547411	254.9119 ng/ml
Methamphetamine	3.178	2127625	∞	42.2	10112.27	432867	258.3936 ng/ml
Metoprolol	4.292	623388	∞	95.3	22083.13	1481415	243.1438 ng/ml
Mirtazapine	4.616	4551315	15538.50	48.4	83207.49	696122	242.2054 ng/ml
Mitragynine	5.194	618906	42334.82	38.7	18689.97	547411	256.6263 ng/ml
Morphine	1.233	210163	1257.13	22.4	217.32	9612	249.1599 ng/ml
Norbuprenorphine	4.957	8784	∞	85.7	623.06	14876	25.6109 ng/ml
Nordiazepam	5.876	1623203	36766.63	59.0	3346.27	208760	256.2668 ng/ml
Norfentanyl	4.051	595661	8111.05	37.6	2143.12	1004610	24.5455 ng/ml
Norhydrocodone	3.027	140618	1184.07	39.9	137.04	42684	273.6010 ng/ml
Noroxycodone	2.864	1197784	1116.63	49.4	4967.92	157631	250.8358 ng/ml
O-desmethyl-tramadol	3.337	7898727	225083.68	5.8	1229.81	1592566	260.5291 ng/ml
Oxazepam	5.732	2100082	21246.93	71.7	∞	514499	256.7992 ng/ml
Oxycodone	2.796	3124316	6974.70	31.1	8765.36	542399	255.0277 ng/ml
Oxymorphone	1.383	1161820	992.73	46.7	1002.33	166133	256.7553 ng/ml
Phentermine	3.736	748856	6898.61	2.9	526.69	434594	252.0638 ng/ml
Promethazine	5.515	1525029	2930.42	31.3	30239.03	269467	242.2127 ng/ml
Quetiapine	5.525	2608278	111075.88	59.9	∞	136790	260.9011 ng/ml
Sertraline	5.758	187943	993.07	91.6	986.66	29536	258.7291 ng/ml
Temazepam	5.799	5012883	2222.32	28.8	21878.95	961952	244.7663 ng/ml
Tramadol	4.205	7230552	11844.02	3.3	9447.99	1481415	254.8228 ng/ml
Trazodone	5.141	2680390	158003.50	79.5	1755.30	459285	265.3224 ng/ml
Venlafaxine	5.008	5770567	2257.03	36.2	3918.74	1127566	261.5650 ng/ml
Zolpidem	4.912	7922703	15234.40	30.0	552175.63	1483568	259.3398 ng/ml

TS

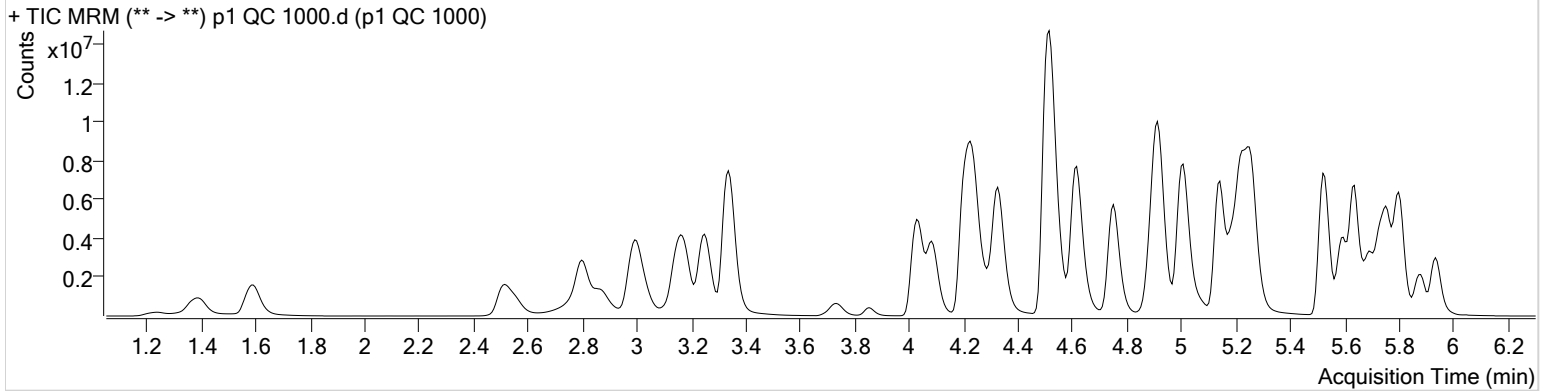


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-D2	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 10:47:44 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.105	300284	1240.16	71.1	16039.55	66424	99.7503 ng/ml
7-aminoclonazepam	4.250	1943921	∞	82.7	43491.42	67092	1033.5386 ng/ml
a-hydroxyalprazolam	5.674	1405239	1365.26	61.4	2526.75	37935	911.6550 ng/ml
alpha-PHP	4.888	2183860	50520.03	269.2	15859.02	507178	890.5427 ng/ml
alpha-PVP	4.329	12571934	5776.39	49.3	78991.90	507178	1016.8966 ng/ml
Alprazolam	5.758	5116170	2117.46	106.1	1858.24	133322	1055.9495 ng/ml
* Amphetamine	3.004	7478134	110466.19	50.6	91721.31	159248	498.3208 ng/ml
* Benzoylcegonine	3.851	768994	6644.35	7.8	29677.04	19058	1358.4684 ng/ml
Buprenorphine	5.721	212171	6059.03	16.3	2411.88	98536	94.1875 ng/ml
Bupropion	4.753	10661959	354670.78	58.4	104656.80	344878	996.5918 ng/ml
Carisoprodol	5.707	2577148	1885654.11	54.9	12503.75	133766	959.5085 ng/ml
Citalopram	5.190	5523496	∞	42.0	408.87	242914	1004.4417 ng/ml
Clonazepam	5.588	5815583	182349.78	32.5	73250.39	84769	850.9350 ng/ml
Cocaine	4.229	10615024	382078.35	43.4	353331.38	699309	1034.6024 ng/ml
Codeine	2.556	1169492	619.50	103.2	23251.20	47942	1068.6720 ng/ml
Cyclobenzaprine	5.598	2549405	3476.52	10.0	∞	97310	1023.7511 ng/ml
Dextromethorphan	5.233	2027645	1572.18	79.0	1302.36	92727	1025.0217 ng/ml
Dextrophan	4.084	3122513	134483.26	216.4	2633.43	391576	1001.7091 ng/ml
Diazepam	5.936	4077230	∞	87.2	∞	199732	991.8291 ng/ml
Dihydrocodeine	2.508	3309055	67631.92	64.5	21609.33	224133	824.6035 ng/ml
Diphenhydramine	5.260	12060555	427713.11	32.3	1619.67	842880	1021.6085 ng/ml
Doxylamine	4.514	26267772	463028.02	98.1	1850999.14	1193256	921.7812 ng/ml
EDDP	5.225	12195240	1845.92	41.5	82450.06	615896	1040.0419 ng/ml
Fentanyl	5.060	390411	30512.66	67.9	425.61	169014	105.2742 ng/ml
Fluoxetine	5.690	1518604	2278.78	8.9	701.45	61481	1024.3183 ng/ml
Hydrocodone	2.993	3686804	∞	39.6	∞	298745	817.4484 ng/ml
Hydromorphone	1.594	3651251	2200.09	76.6	549.94	120295	977.3532 ng/ml
Ketamine	4.030	9691657	15299.05	38.7	4759.97	470477	945.4435 ng/ml
* Lamotrigine	4.266	481587	∞	81.0	∞	470477	528.3562 ng/ml
* Lorazepam	5.722	1762486	∞	55.9	4667.88	84769	335.5478 ng/ml
* MDA	3.143	6008704	200488.03	17.8	52090.12	168172	800.5949 ng/ml
MDMA	3.251	8394772	1157090.58	60.0	907353.45	77357	1000.7660 ng/ml
* Meprobamate	4.869	851706	27023.34	25.7	13915.66	97237	508.3296 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	10042950	13235.13	49.6	93652.50	446092	1029.6857 ng/ml
Methamphetamine	3.178	6351448	70465.53	41.6	47646.05	382225	876.0408 ng/ml
* Metoprolol	4.292	1437700	∞	95.4	∞	1105438	752.6477 ng/ml
Mirtazapine	4.616	15648634	1736788.09	47.7	238871.57	507178	1141.6927 ng/ml
Mitragynine	5.194	1586131	∞	39.0	41248.15	446092	808.6286 ng/ml
Morphine	1.240	623758	∞	22.4	392.35	7397	961.6811 ng/ml
Norbuprenorphine	4.957	27364	1187.54	82.9	21412.71	11894	100.6800 ng/ml
Nordiazepam	5.882	3496459	28329.26	57.9	3913.72	115857	995.4045 ng/ml
Norfentanyl	4.051	1461444	46130.69	37.7	15352.04	565774	106.7781 ng/ml
Norhydrocodone	3.027	420087	1050.91	41.4	589.29	30325	1146.2593 ng/ml
Noroxycodone	2.871	2841481	∞	48.2	4229.59	85196	1100.5904 ng/ml
O-desmethyl-tramadol	3.337	21963818	∞	5.9	3331.47	1131028	1019.6648 ng/ml
Oxazepam	5.732	2353057	∞	76.7	11386.77	173295	855.3447 ng/ml
Oxycodone	2.796	9771575	∞	30.5	22249.47	453683	954.1227 ng/ml
Oxymorphone	1.383	3179723	974.52	48.1	∞	116830	1000.5166 ng/ml
* Phentermine	3.736	2017128	10342.67	2.7	3880.08	362670	815.2803 ng/ml
Promethazine	5.515	5378835	5198.35	29.7	34498.90	226966	1013.2093 ng/ml
Quetiapine	5.525	8421245	617219.20	58.9	179675.47	123512	934.3251 ng/ml
Sertraline	5.765	465753	22430.94	90.4	930.82	19151	988.5119 ng/ml
Temazepam	5.799	11636042	235454.92	28.3	40238.56	542376	1006.9914 ng/ml
Tramadol	4.204	18792493	98659.98	3.3	1124.91	1105438	888.5448 ng/ml
Trazodone	5.141	11274627	∞	78.5	∞	537010	959.1129 ng/ml
Venlafaxine	5.008	17425615	217471.54	35.6	3931.27	826931	1074.6687 ng/ml
Zolpidem	4.912	20683808	747743.05	30.7	230436.64	1047978	958.8546 ng/ml

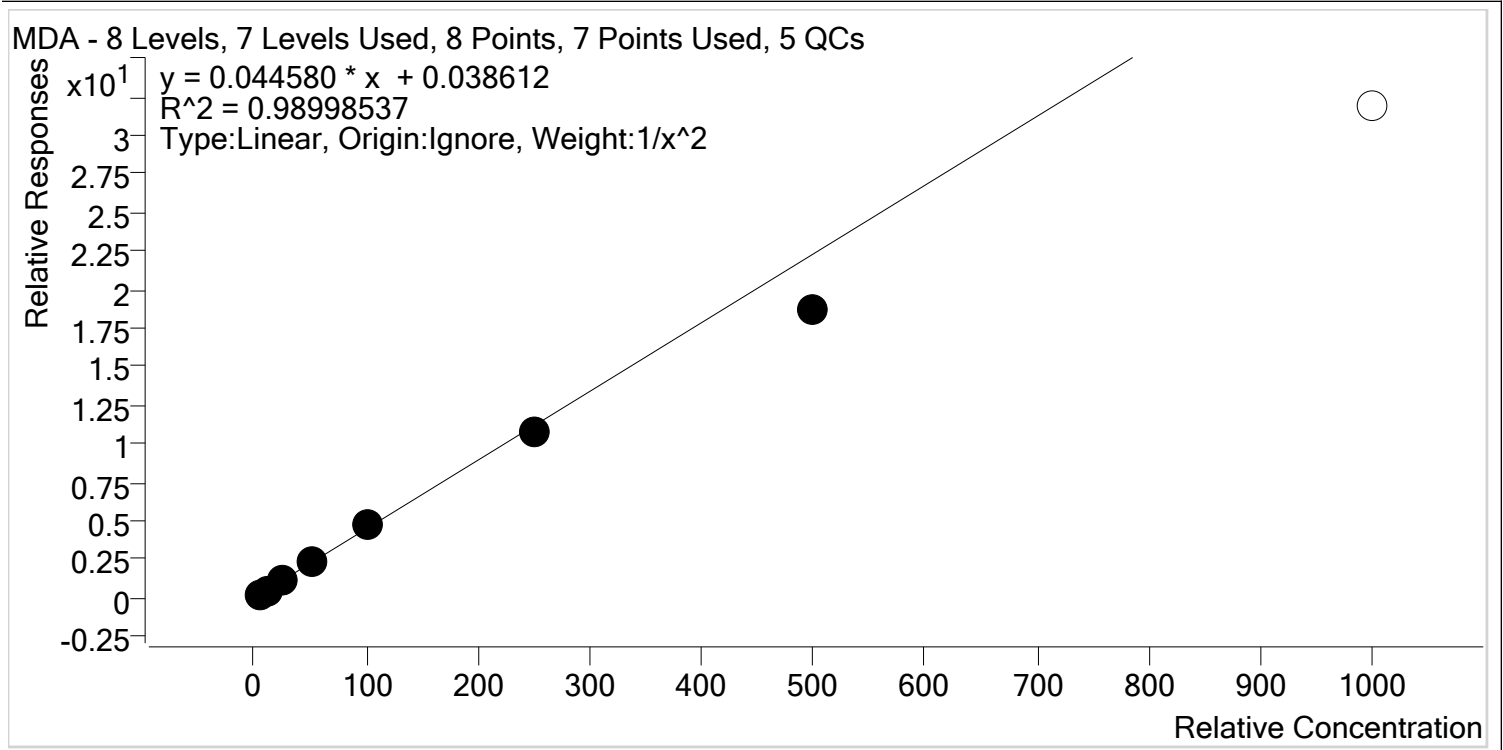
*Outside curve range.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



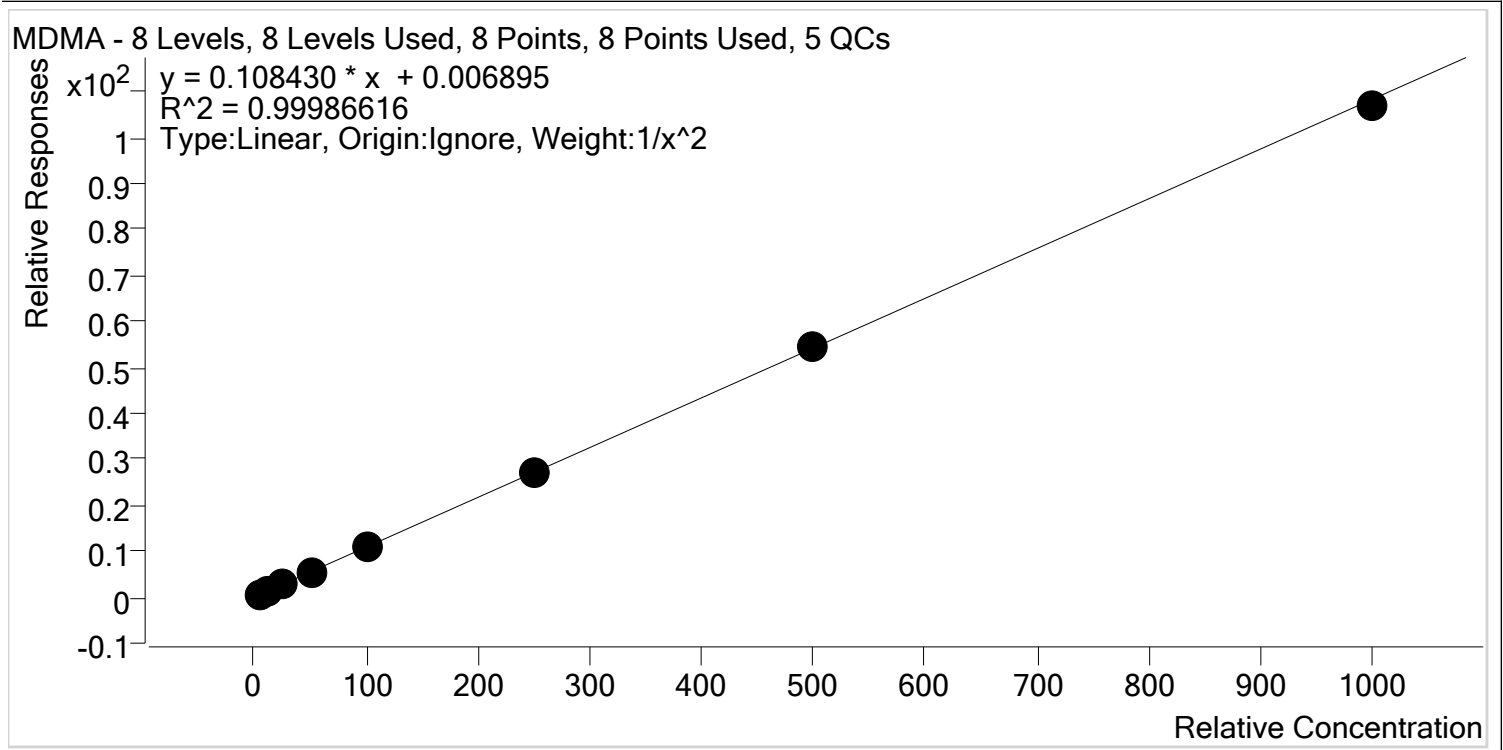
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p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2- 10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	241.1	96.4
p1 Cal 7-500ng	7	✓	500.0	420.7	84.1
p1 Cal 8-1000ng	8	x	1000.0	714.8	71.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6



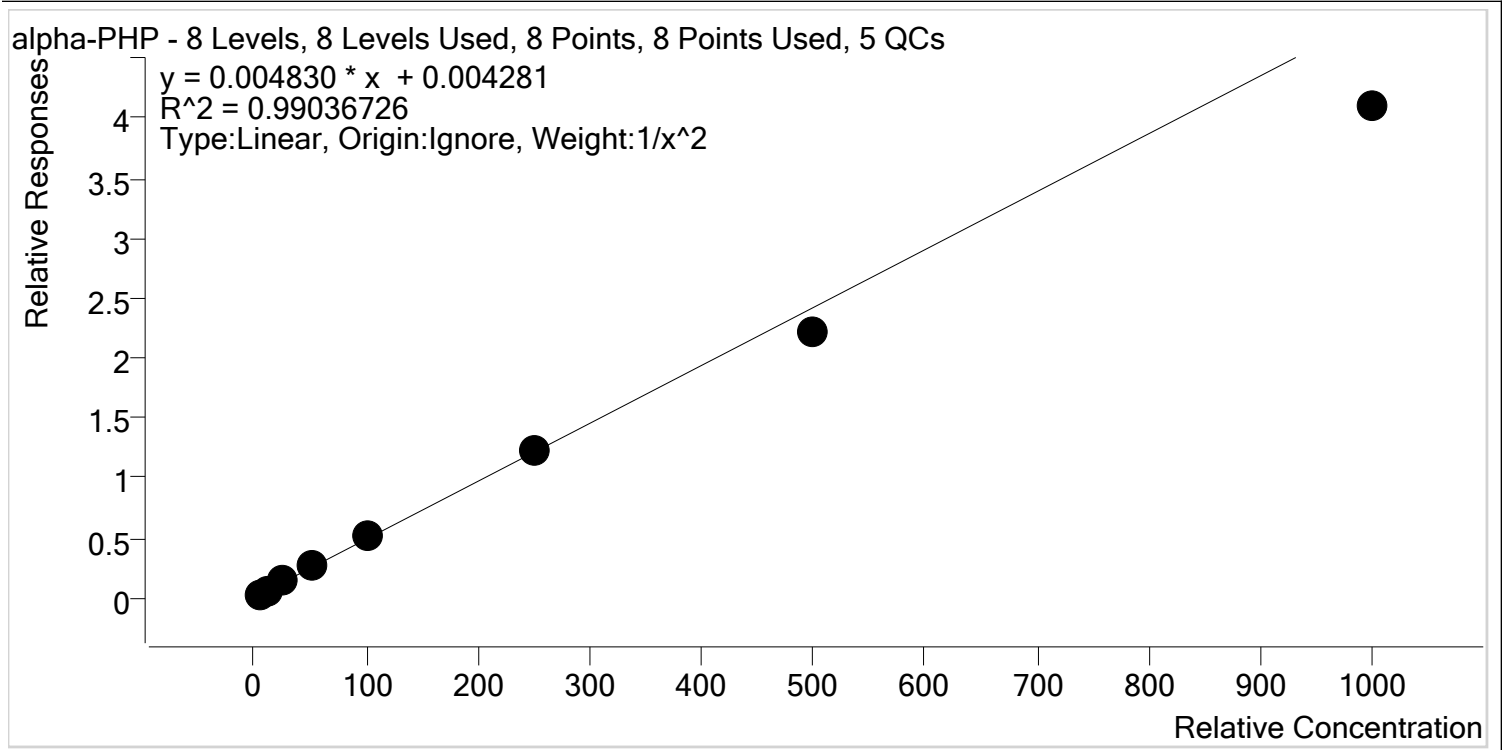
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	248.4	99.3
p1 Cal 7-500ng	7	✓	500.0	501.2	100.2
p1 Cal 8-1000ng	8	✓	1000.0	986.1	98.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 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	95.0
p1 Cal 2- 10ng	2	✓	10.0	10.5	105.1
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng	4	✓	50.0	54.9	109.8
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	460.3	92.1
p1 Cal 8-1000ng	8	✓	1000.0	847.5	84.8

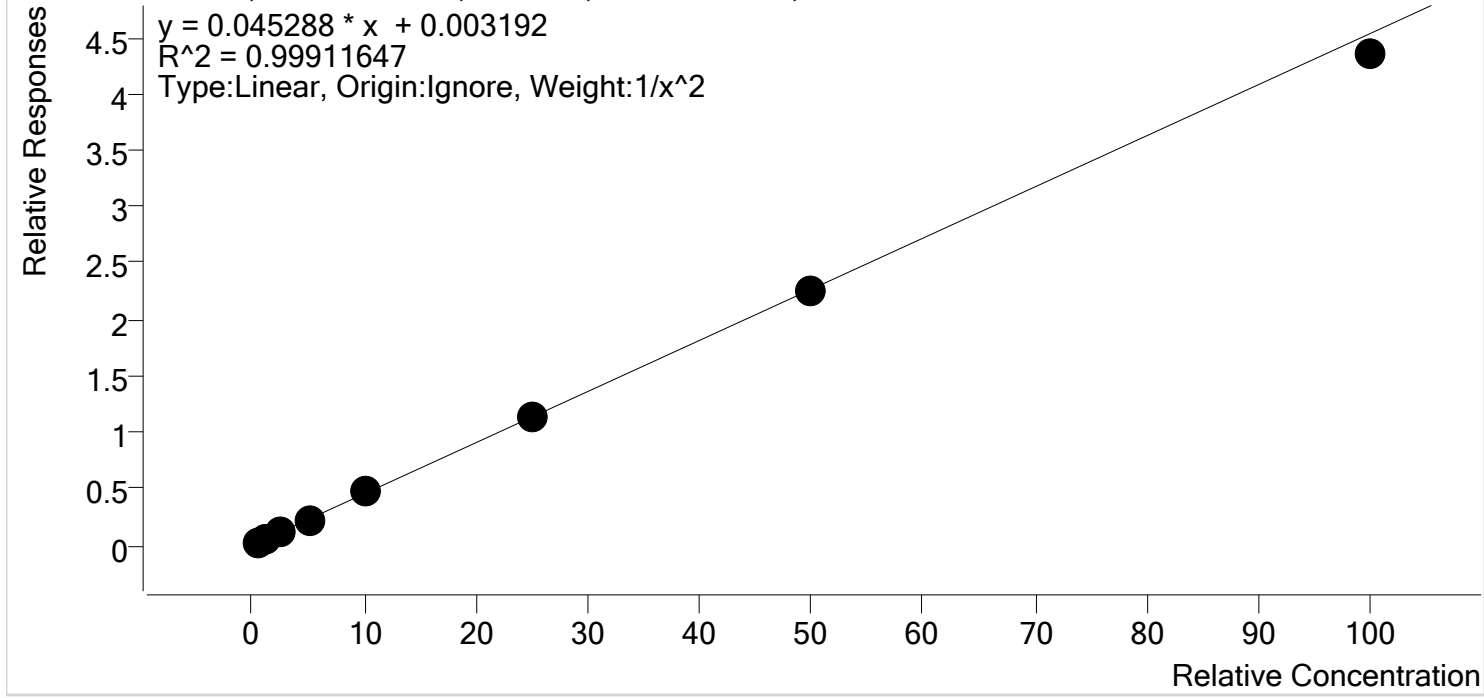
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

6-MAM - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



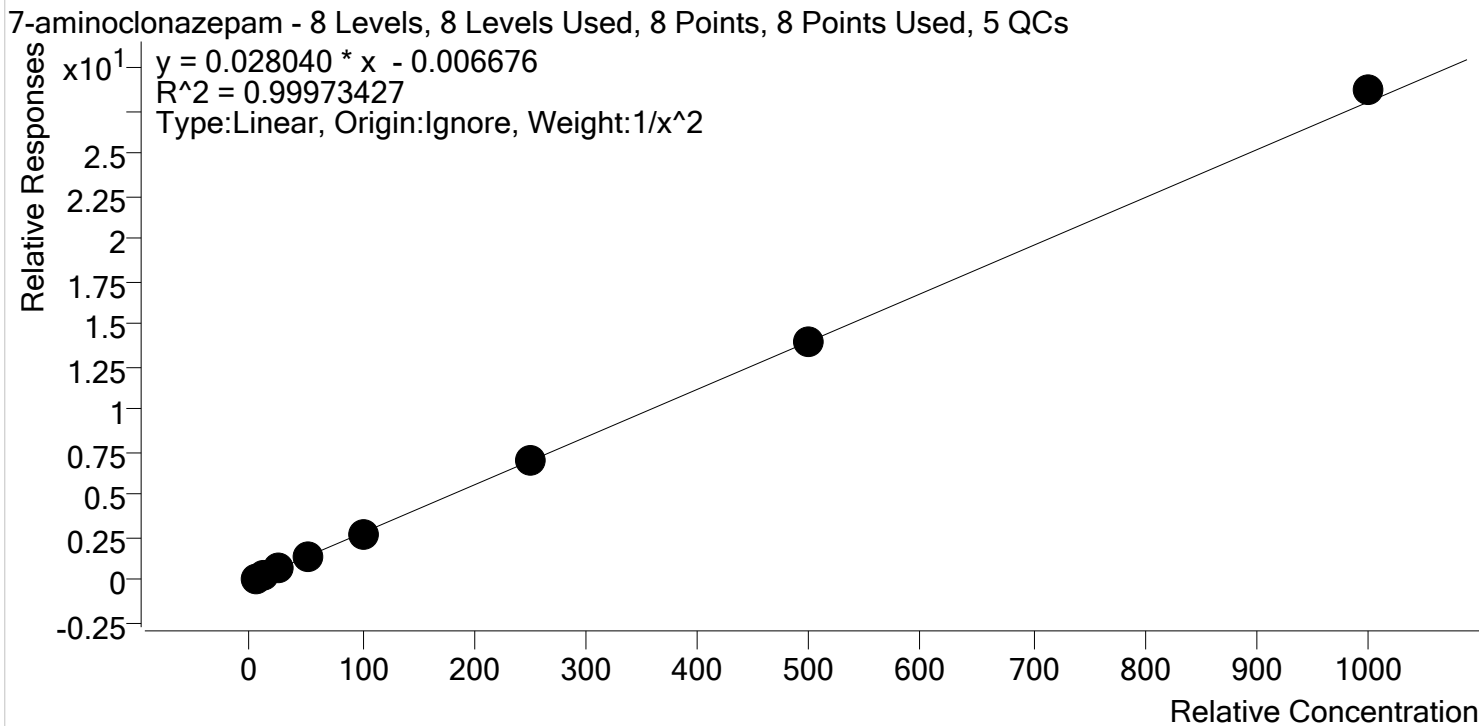
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.8
p1 Cal 2- 10ng	2	✓	1.0	1.0	98.0
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.6
p1 Cal 4-50ng	4	✓	5.0	5.0	100.2
p1 Cal 5-100ng	5	✓	10.0	10.5	104.9
p1 Cal 6-250ng	6	✓	25.0	25.3	101.1
p1 Cal 7-500ng	7	✓	50.0	49.7	99.5
p1 Cal 8-1000ng	8	✓	100.0	95.9	95.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 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	100.7
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
p1 Cal 4-50ng	4	✓	50.0	49.8	99.7
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	503.1	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1024.5	102.5



TS

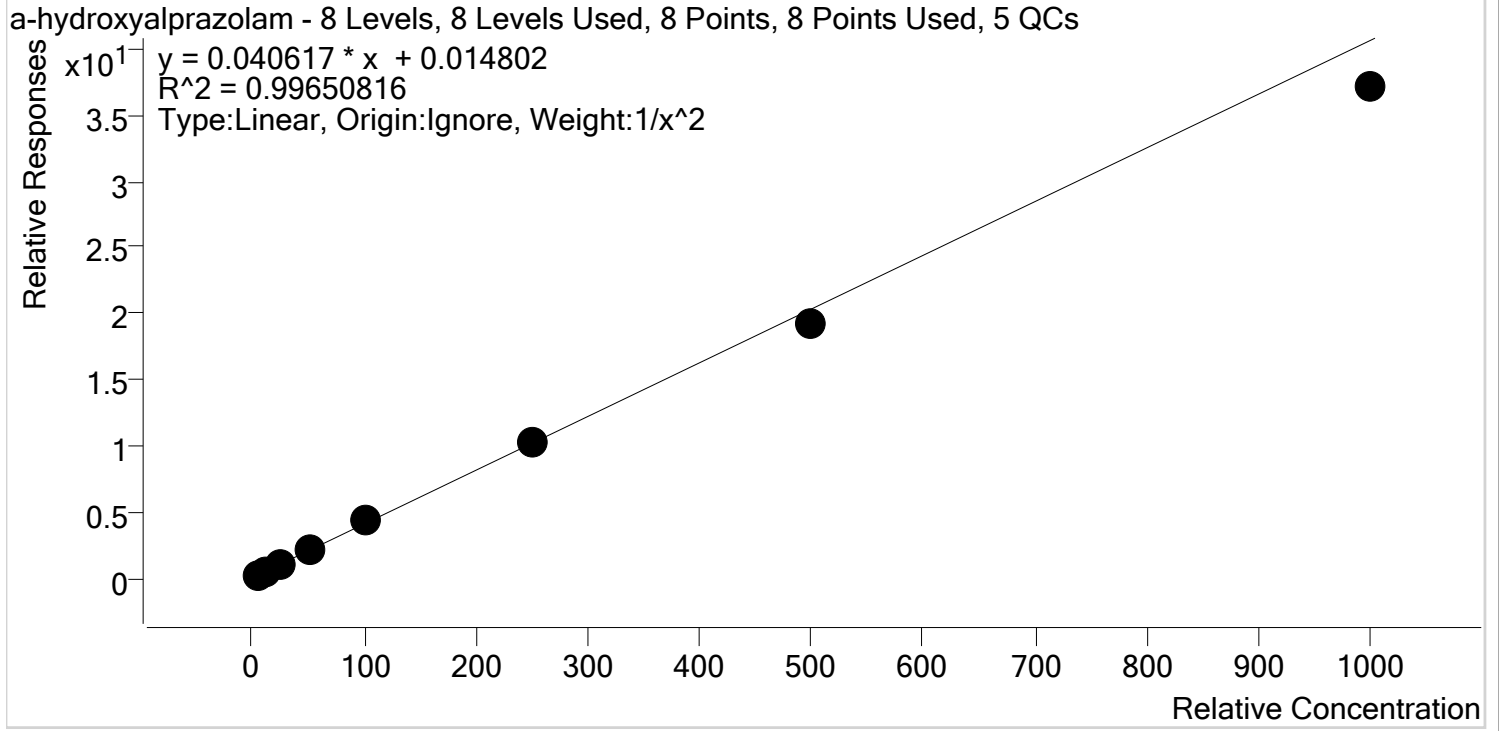
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin

Last Cal. Update 9/1/2020 10:14 AM

Analyst Name ISP\datastor

Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	473.5	94.7
p1 Cal 8-1000ng	8	✓	1000.0	913.6	91.4

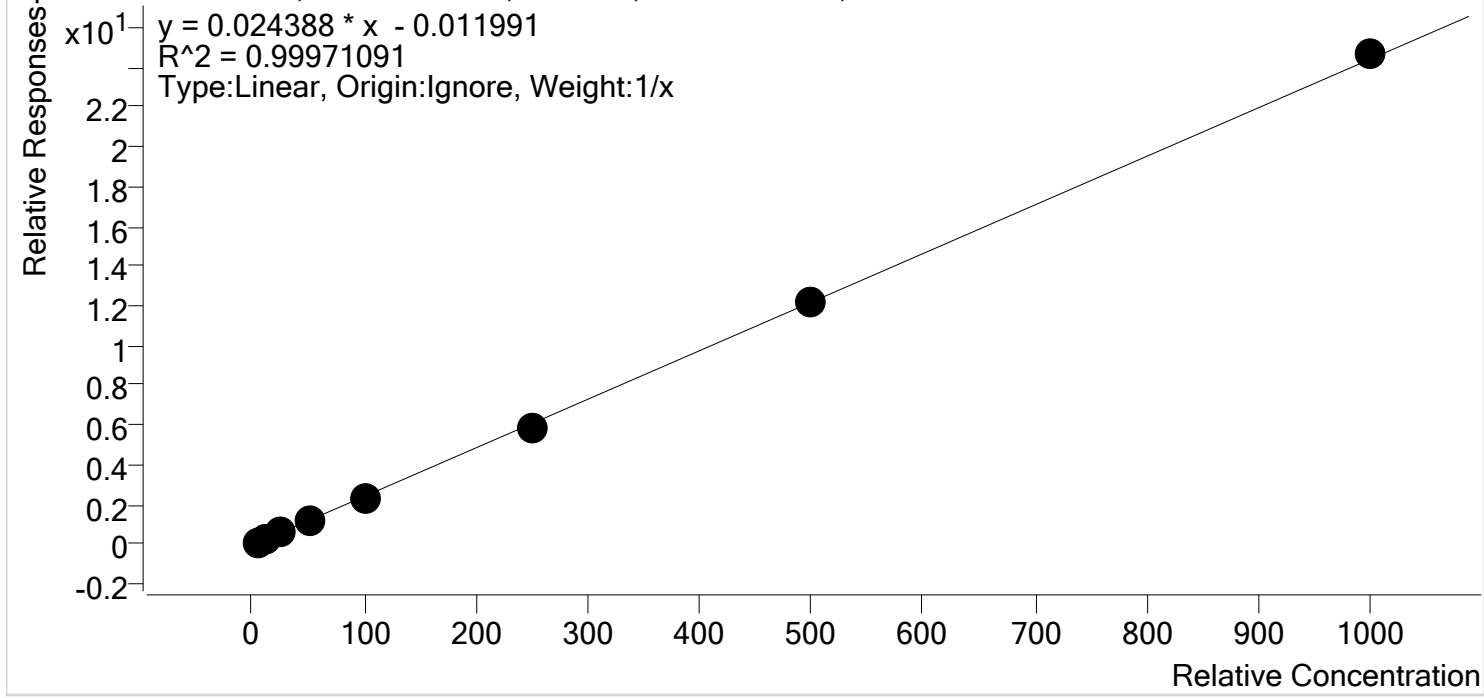


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	108.5
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	49.1	98.3
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	243.6	97.4
p1 Cal 7-500ng	7	✓	500.0	501.2	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1010.2	101.0

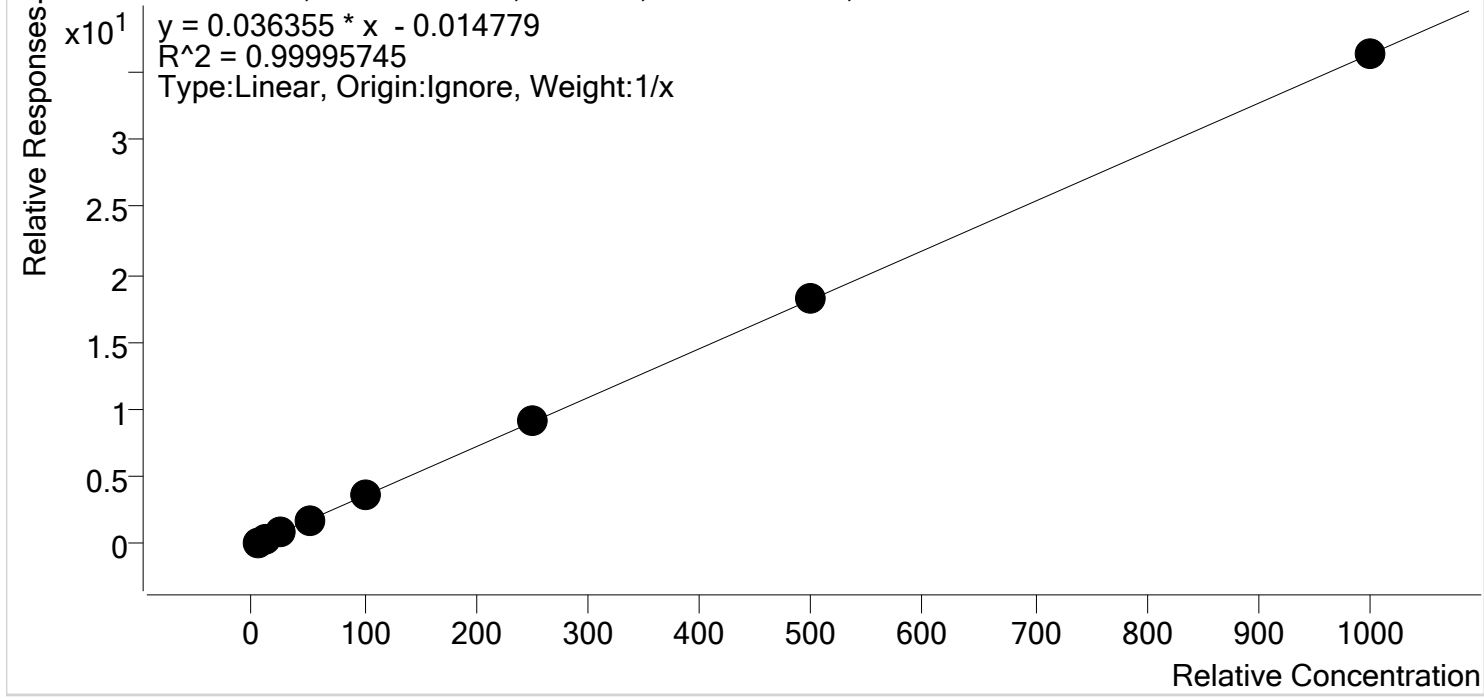


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

Alprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.8
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.2
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	501.7	100.3
p1 Cal 8-1000ng	8	✓	1000.0	999.9	100.0

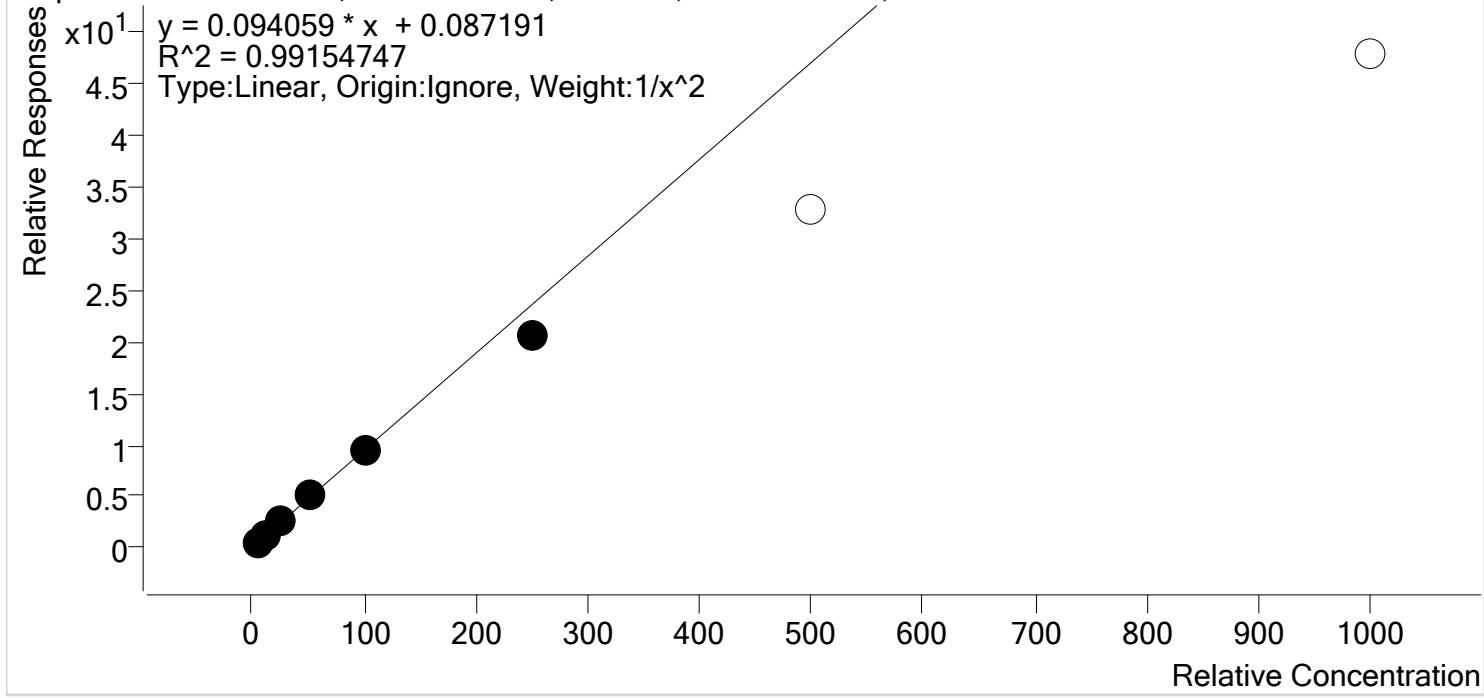
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

Amphetamine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2- 10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.2
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	218.0	87.2
p1 Cal 7-500ng	7	✗	500.0	349.9	70.0
p1 Cal 8-1000ng	8	✗	1000.0	508.4	50.8

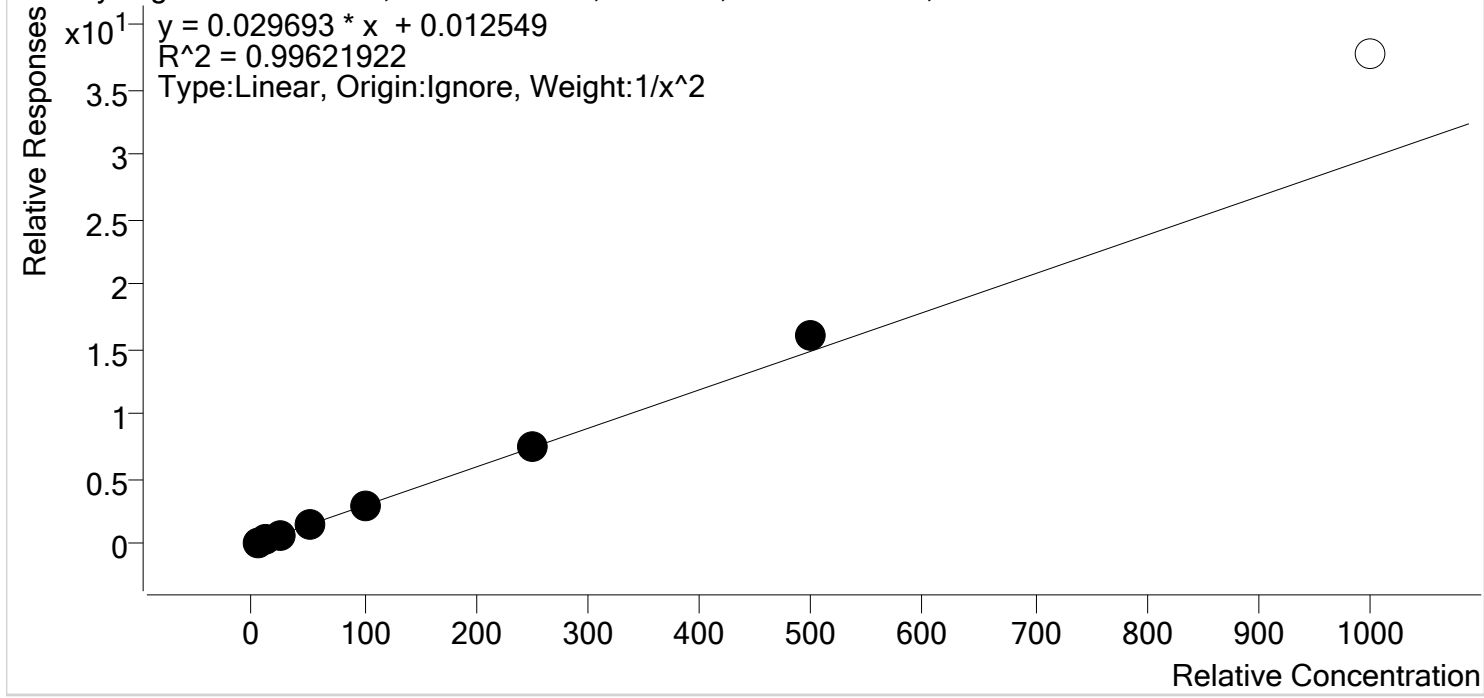
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

Benzoylecgonine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



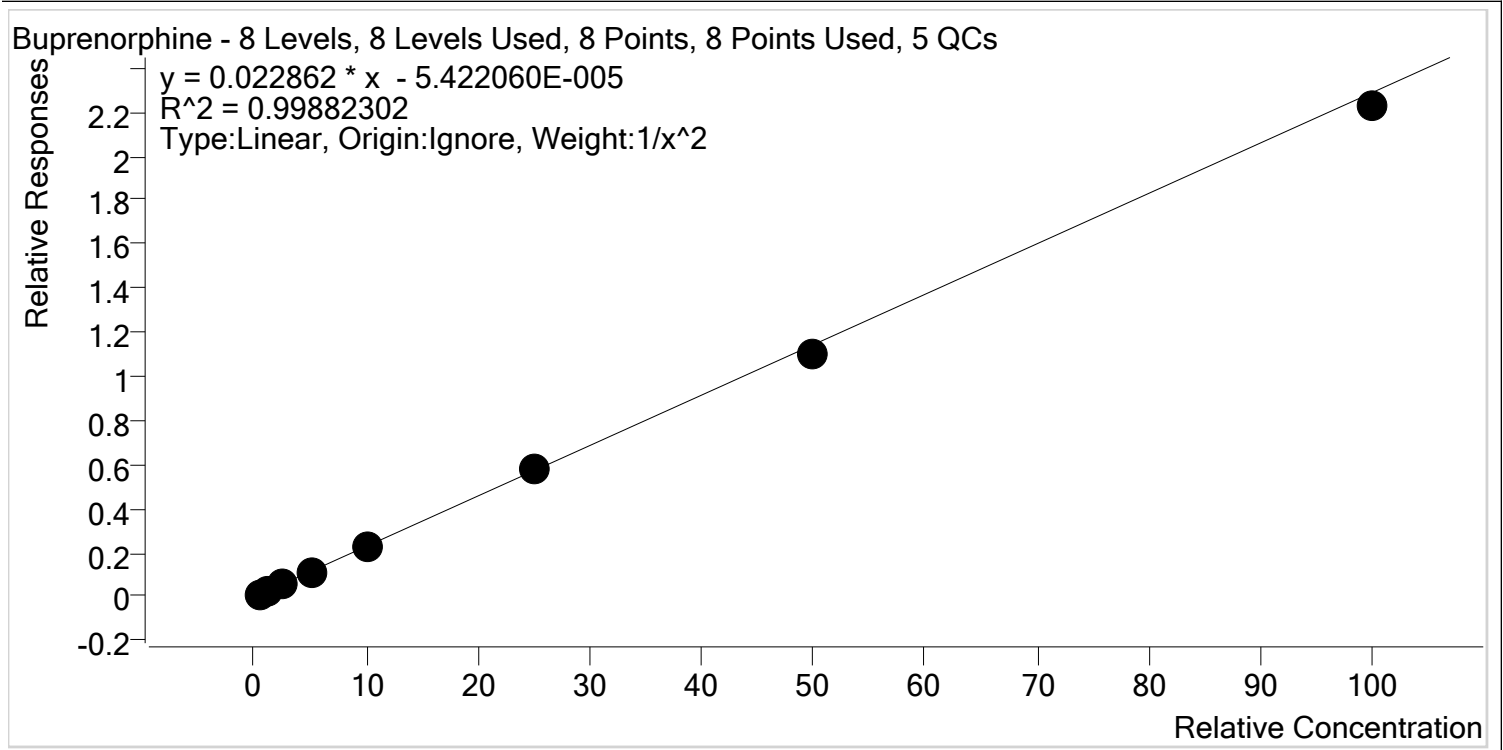
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.8
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	543.2	108.6
p1 Cal 8-1000ng	8	x	1000.0	1268.2	126.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



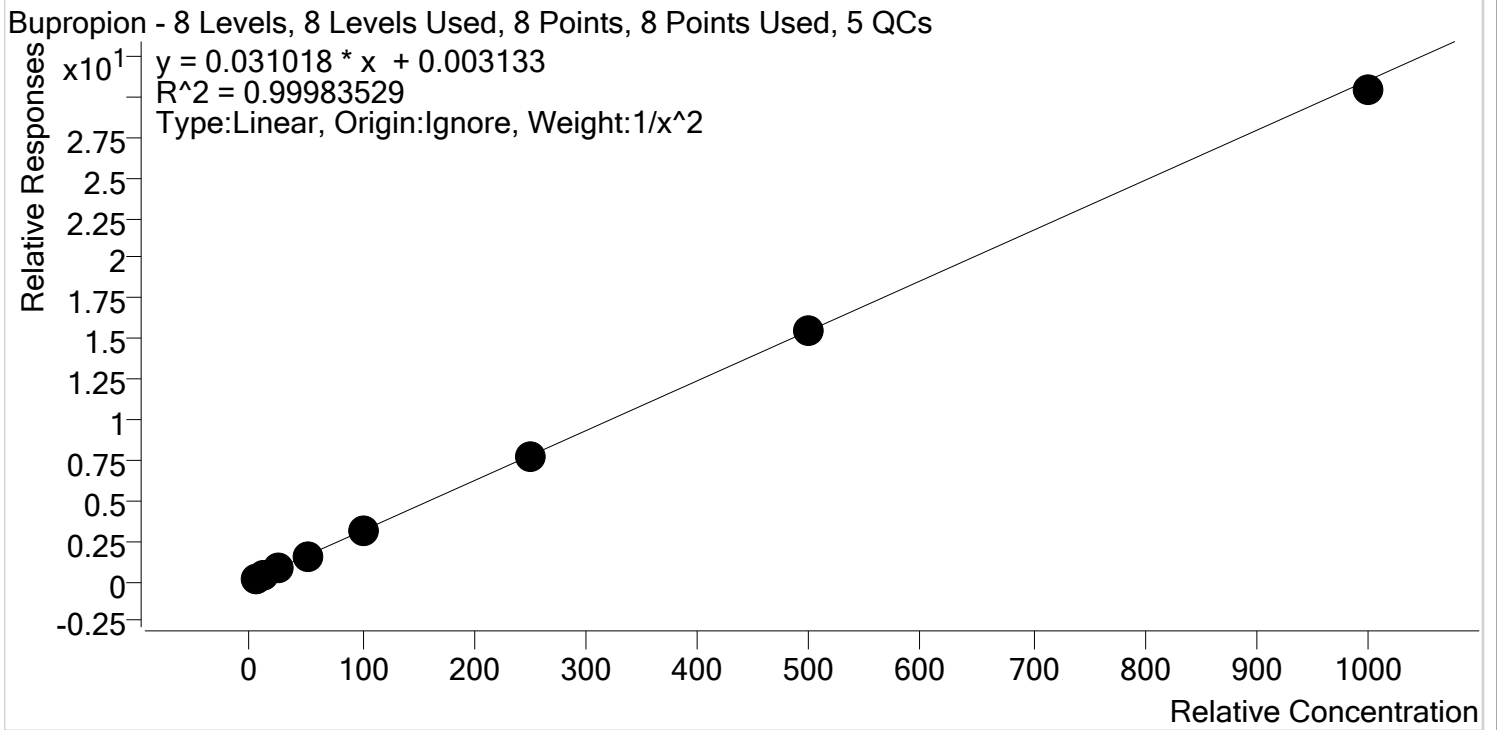
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	97.4
p1 Cal 2- 10ng	2	✓	1.0	1.0	104.5
p1 Cal 3 -25ng	3	✓	2.5	2.5	100.1
p1 Cal 4-50ng	4	✓	5.0	5.1	102.8
p1 Cal 5-100ng	5	✓	10.0	10.2	101.6
p1 Cal 6-250ng	6	✓	25.0	25.1	100.4
p1 Cal 7-500ng	7	✓	50.0	47.9	95.9
p1 Cal 8-1000ng	8	✓	100.0	97.3	97.3



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	496.8	99.4
p1 Cal 8-1000ng	8	✓	1000.0	980.2	98.0

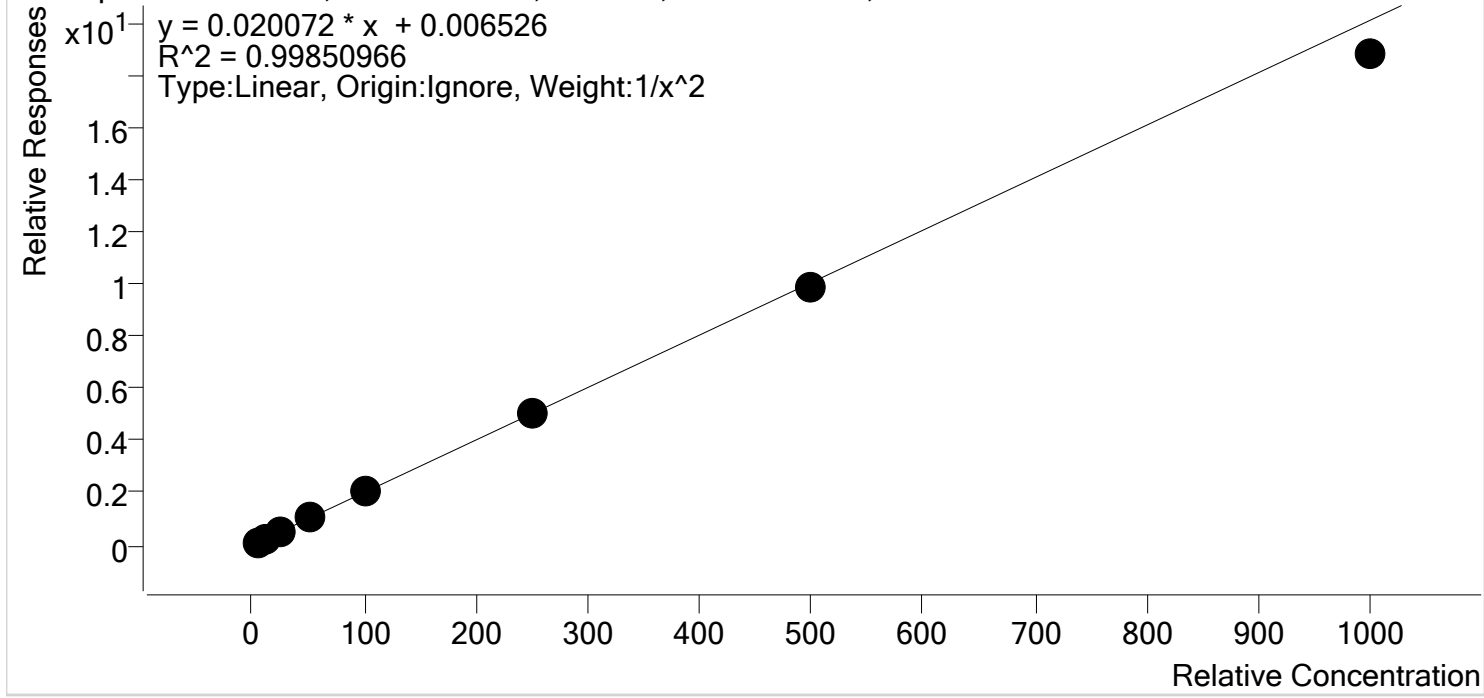
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

Carisoprodol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



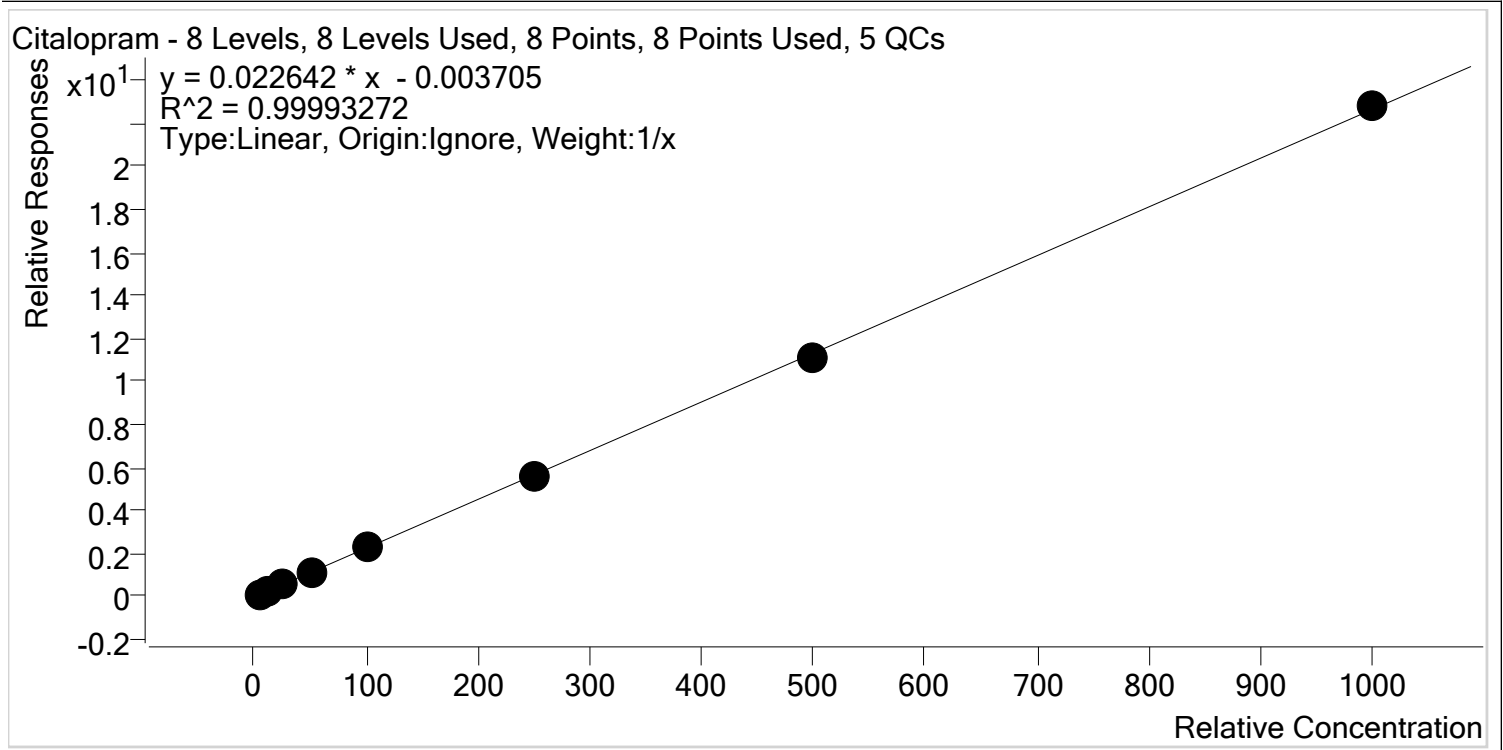
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	490.3	98.1
p1 Cal 8-1000ng	8	✓	1000.0	935.2	93.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



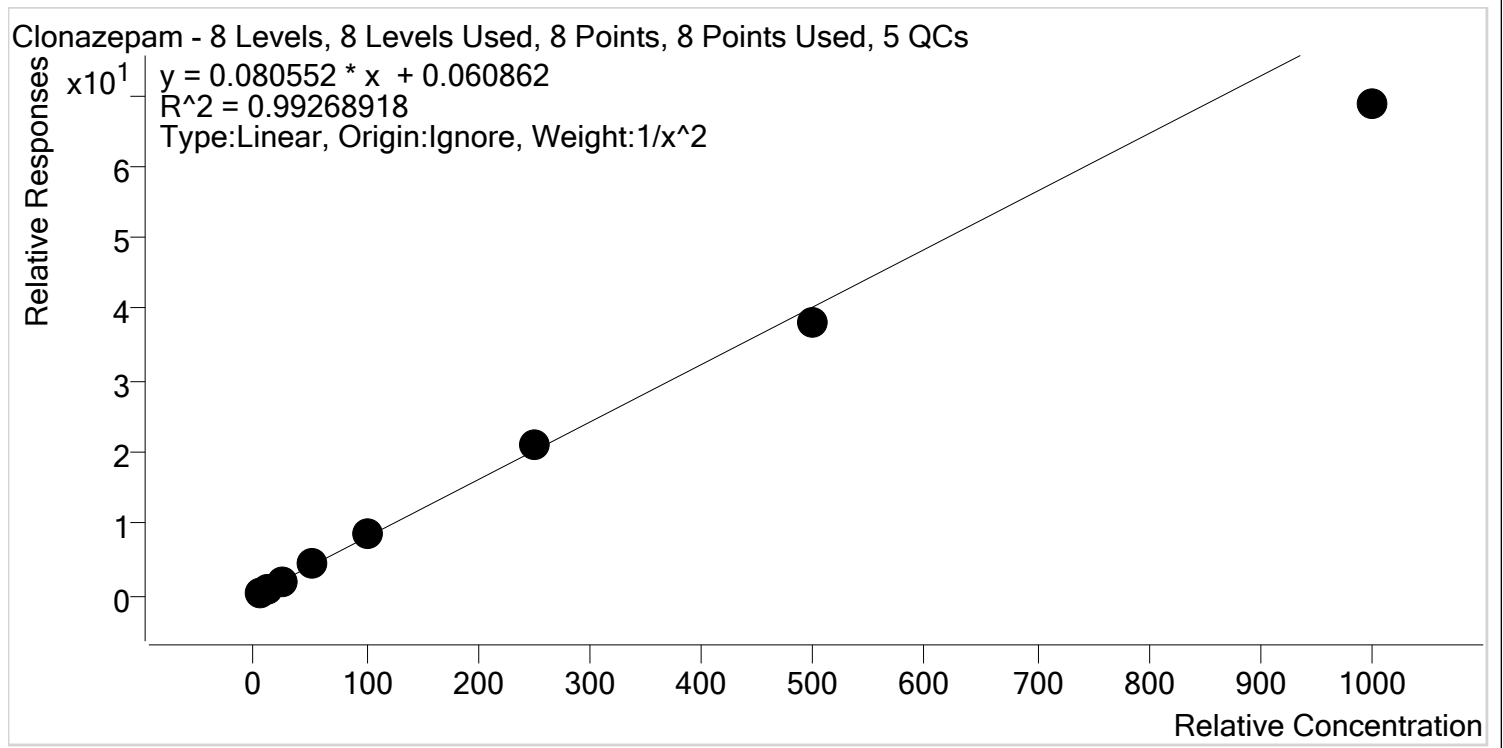
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	494.5	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1006.7	100.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



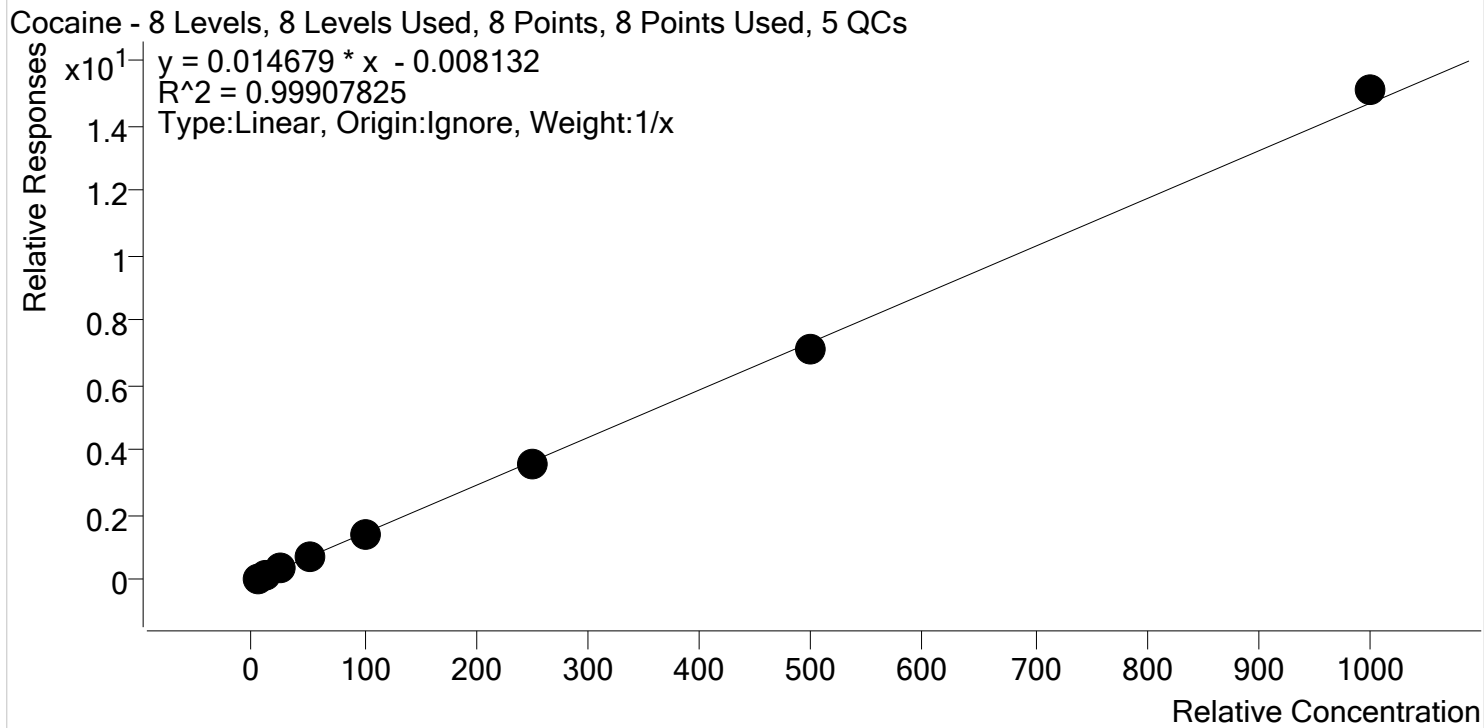
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2- 10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	259.5	103.8
p1 Cal 7-500ng	7	✓	500.0	473.0	94.6
p1 Cal 8-1000ng	8	✓	1000.0	851.1	85.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



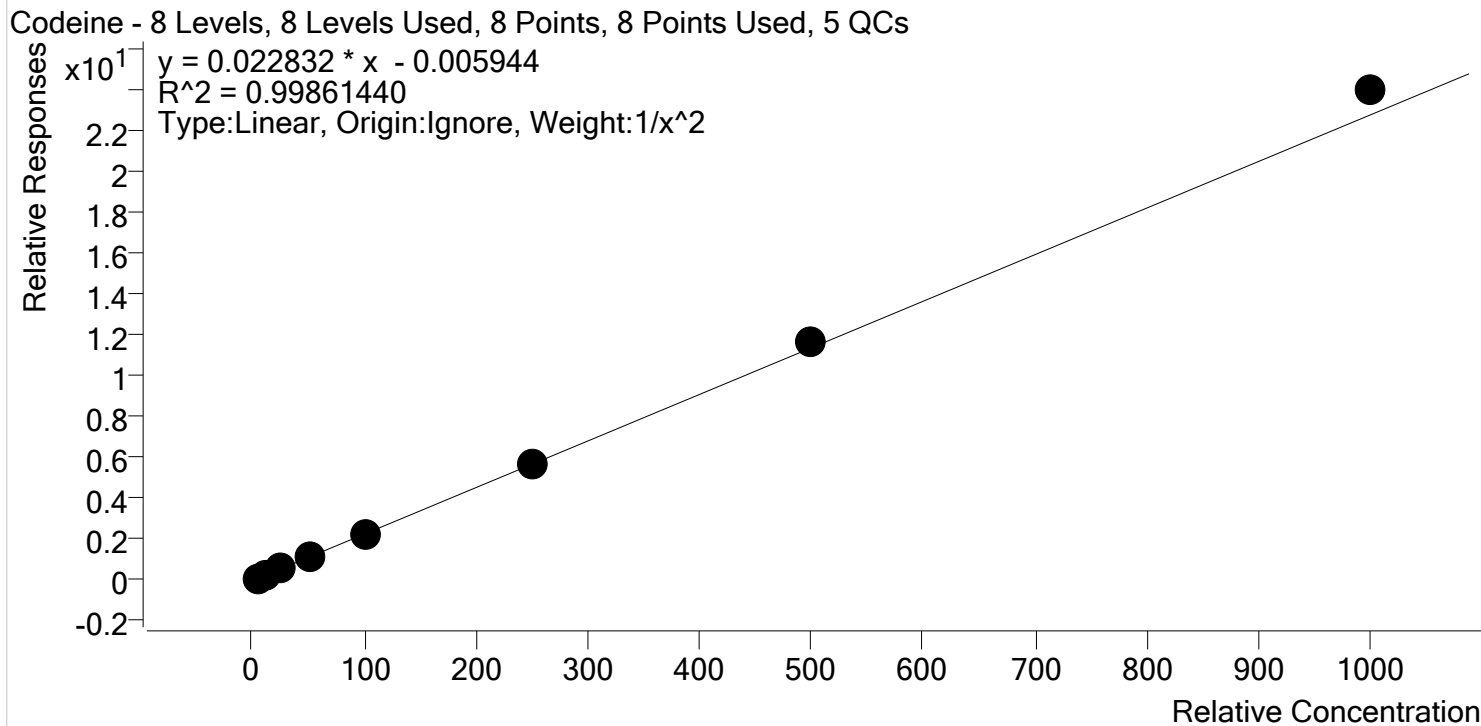
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.3
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	242.8	97.1
p1 Cal 7-500ng	7	✓	500.0	484.8	97.0
p1 Cal 8-1000ng	8	✓	1000.0	1027.1	102.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6



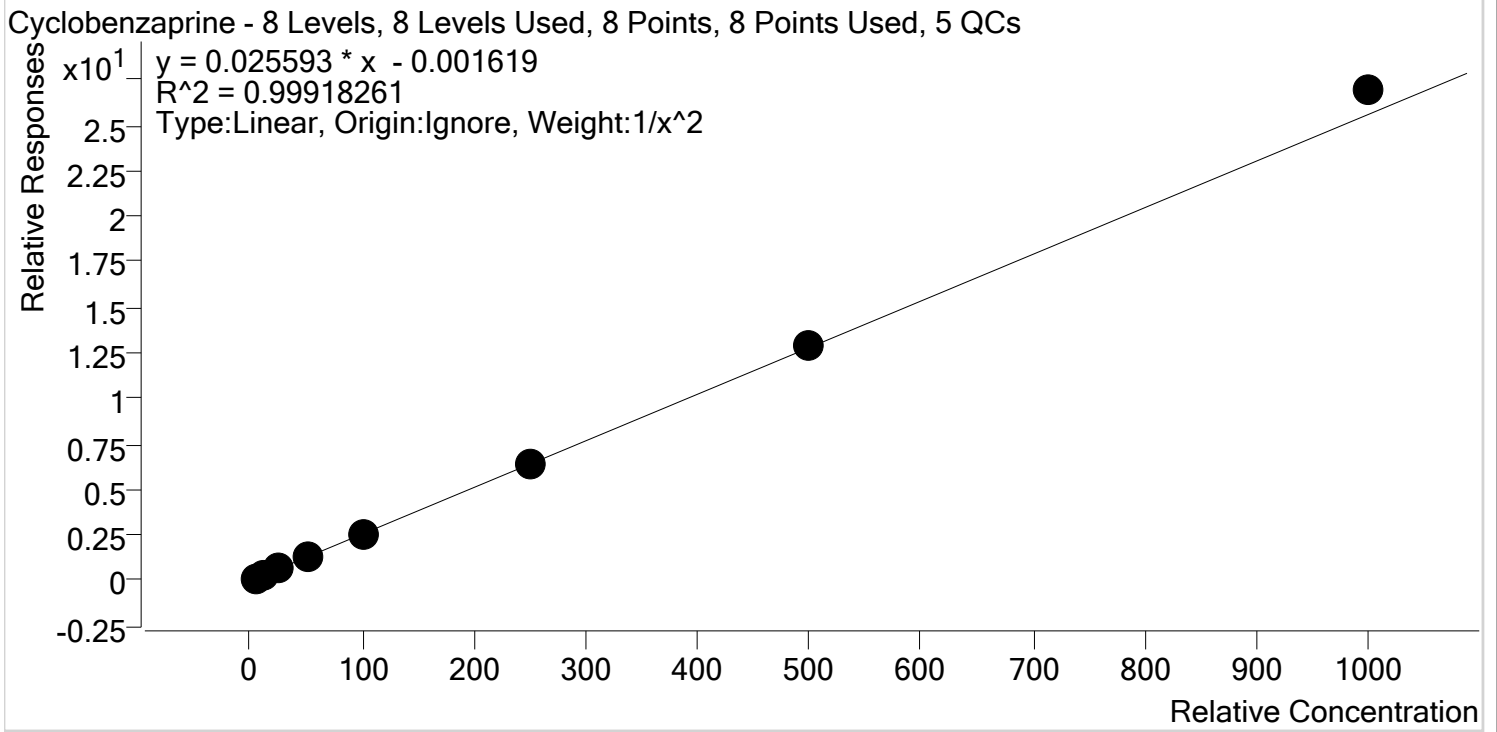
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.8	97.7
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	511.1	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1053.0	105.3



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
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	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	500.9	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1052.0	105.2

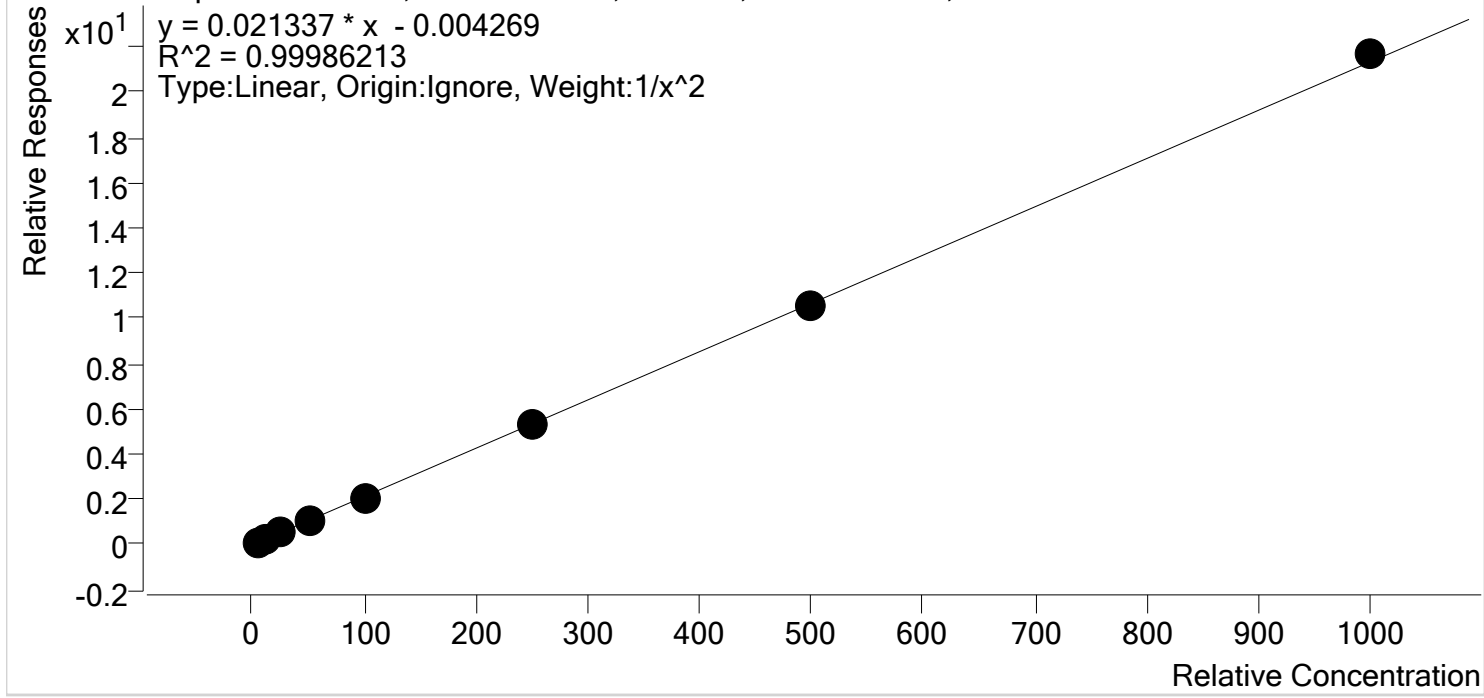
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

Dextromethorphan - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



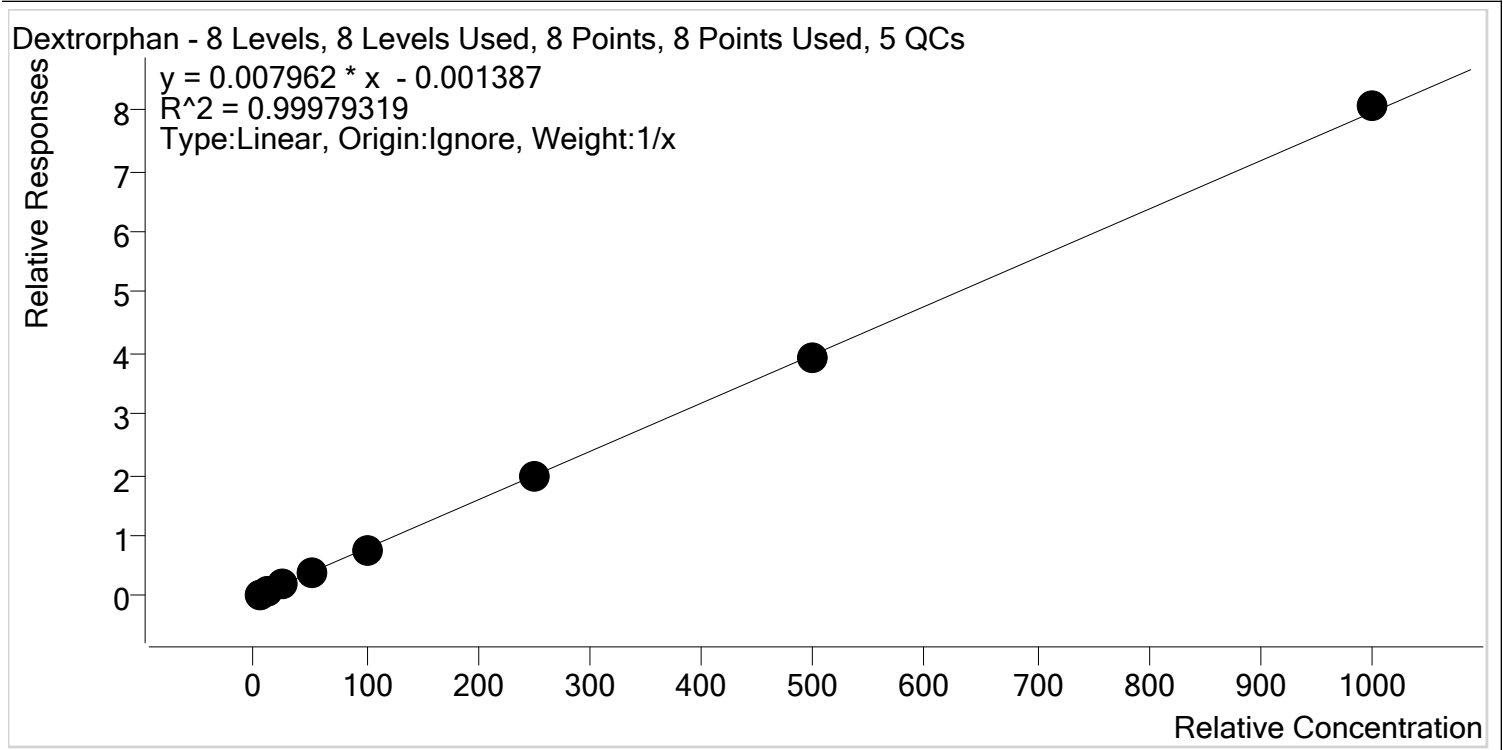
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	496.8	99.4
p1 Cal 8-1000ng	8	✓	1000.0	1016.1	101.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



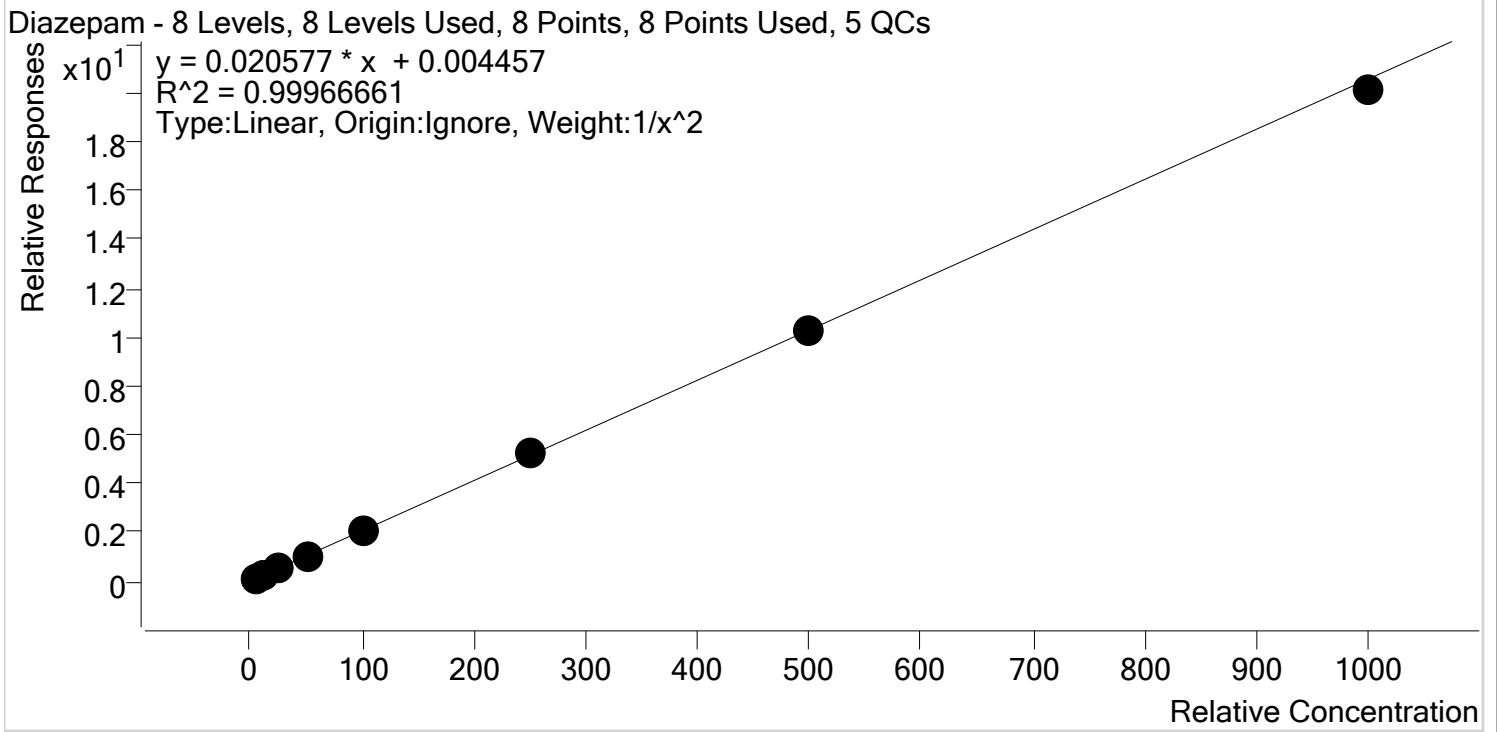
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	246.8	98.7
p1 Cal 7-500ng	7	✓	500.0	491.3	98.3
p1 Cal 8-1000ng	8	✓	1000.0	1012.7	101.3



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 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	100.8
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	496.8	99.4
p1 Cal 8-1000ng	8	✓	1000.0	977.8	97.8



TS

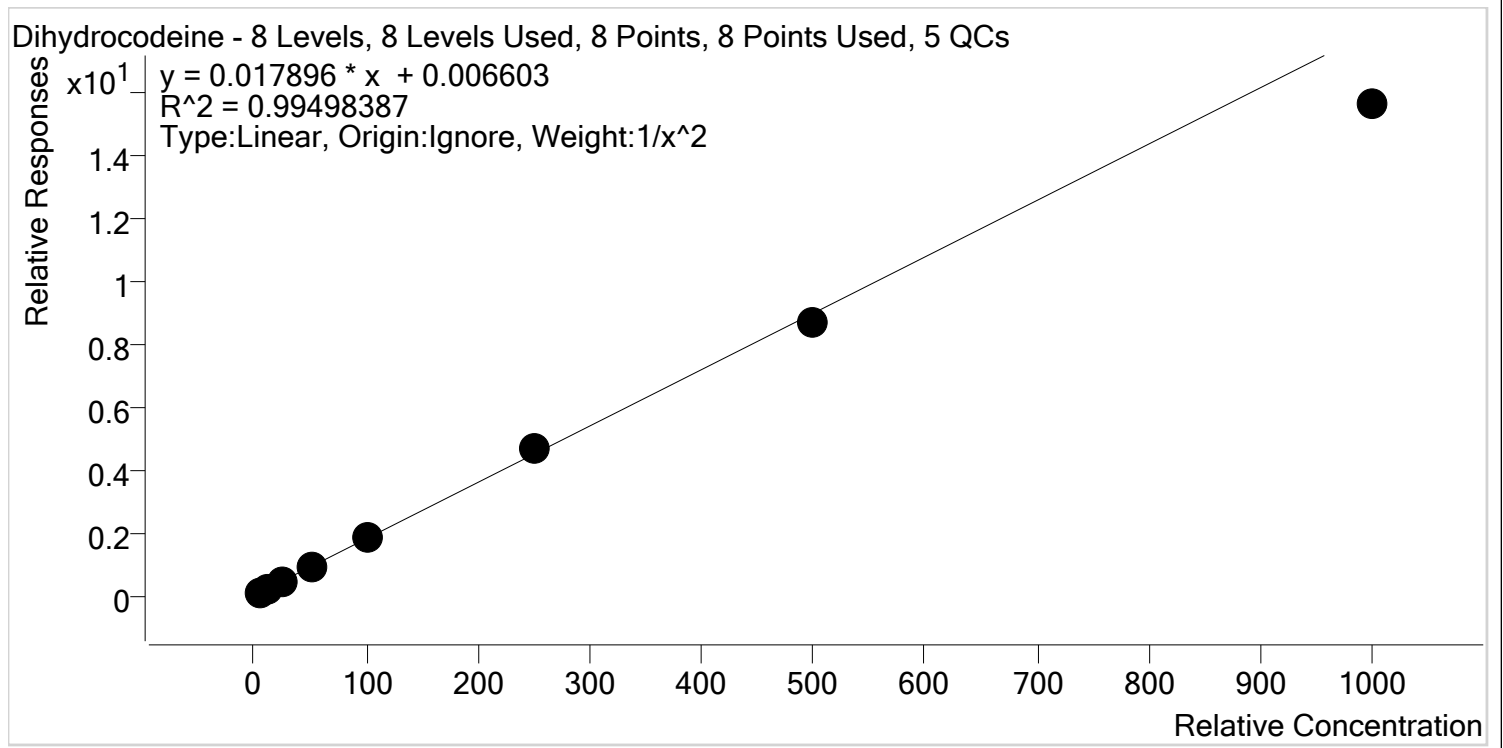
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin

Last Cal. Update 9/1/2020 10:14 AM

Analyst Name ISP\datastor

Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



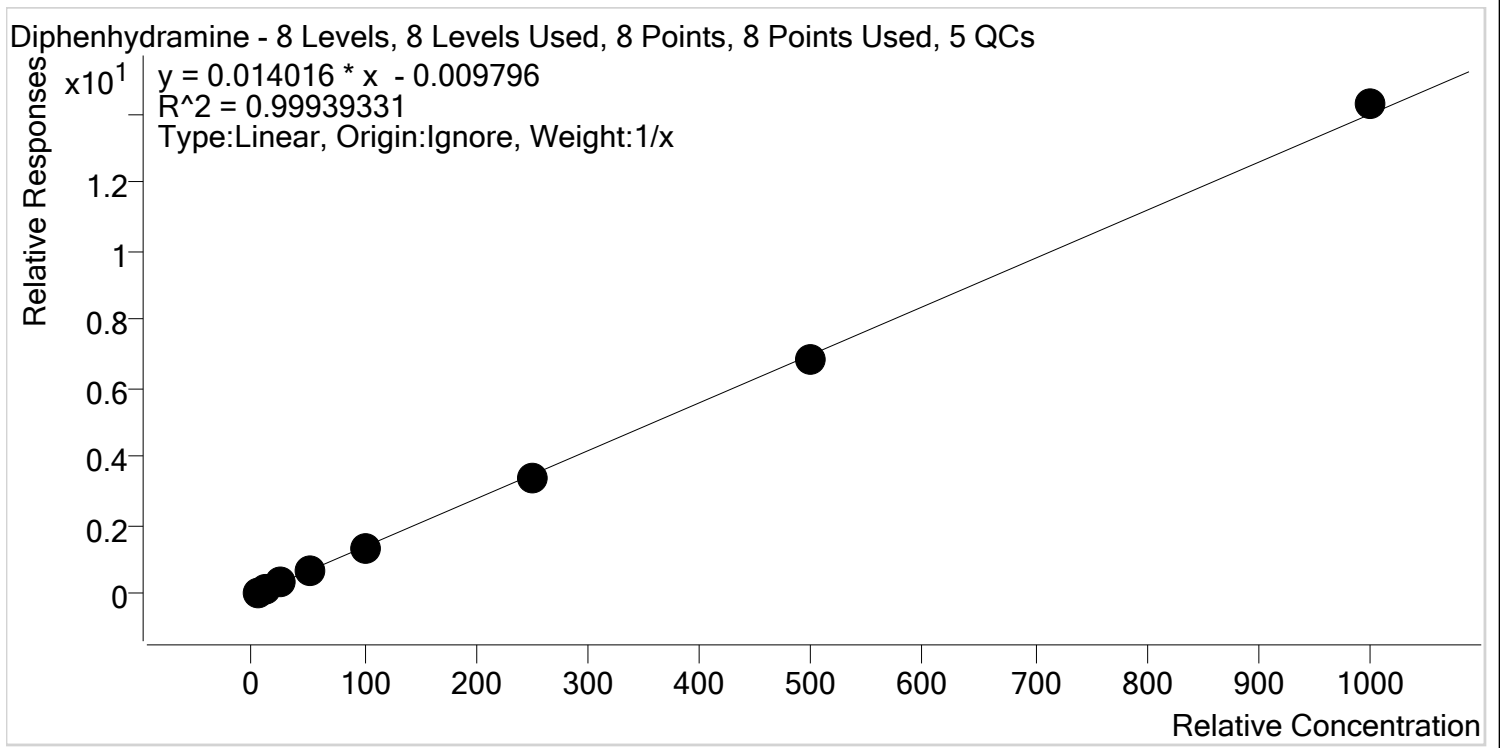
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	261.3	104.5
p1 Cal 7-500ng	7	✓	500.0	481.4	96.3
p1 Cal 8-1000ng	8	✓	1000.0	870.7	87.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



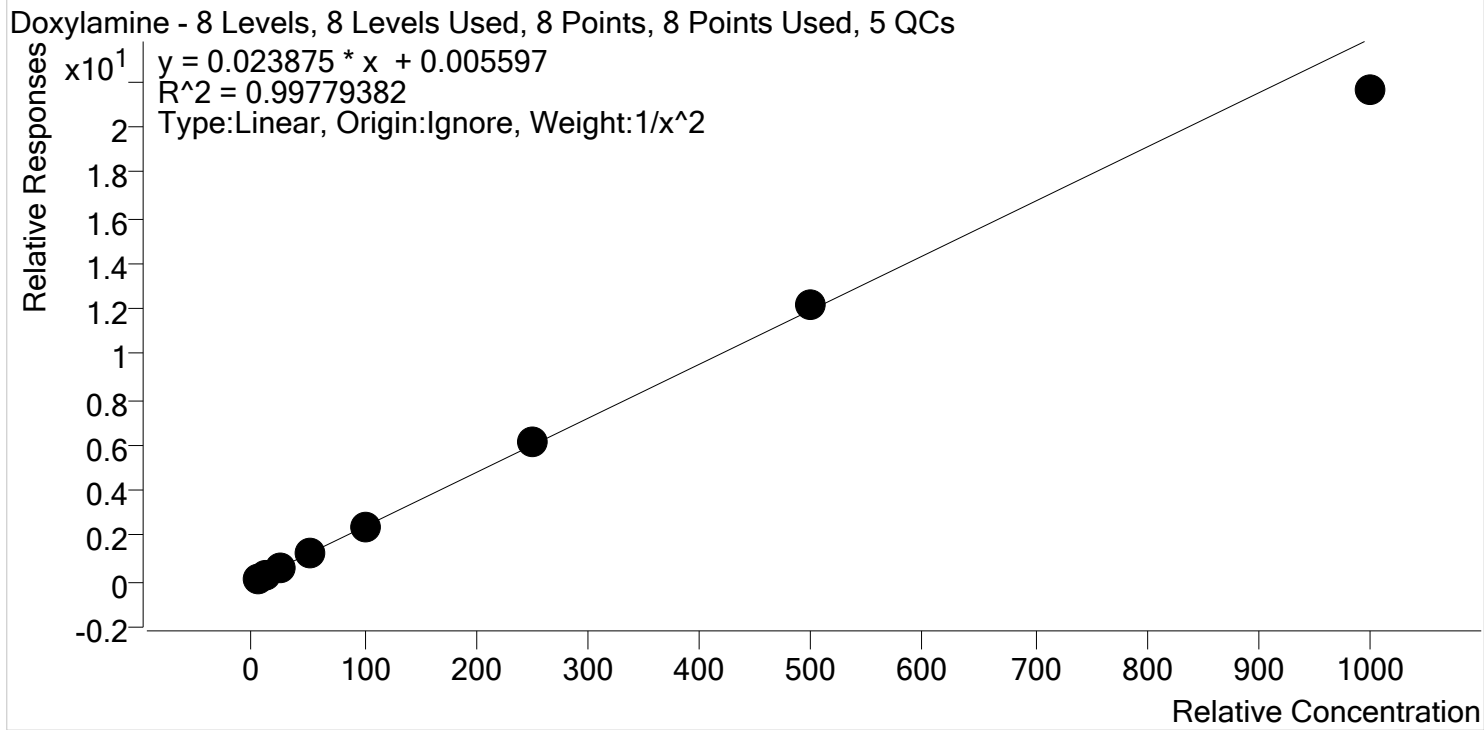
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	110.0
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	48.8	97.5
p1 Cal 5-100ng	5	✓	100.0	95.5	95.5
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	492.1	98.4
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\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



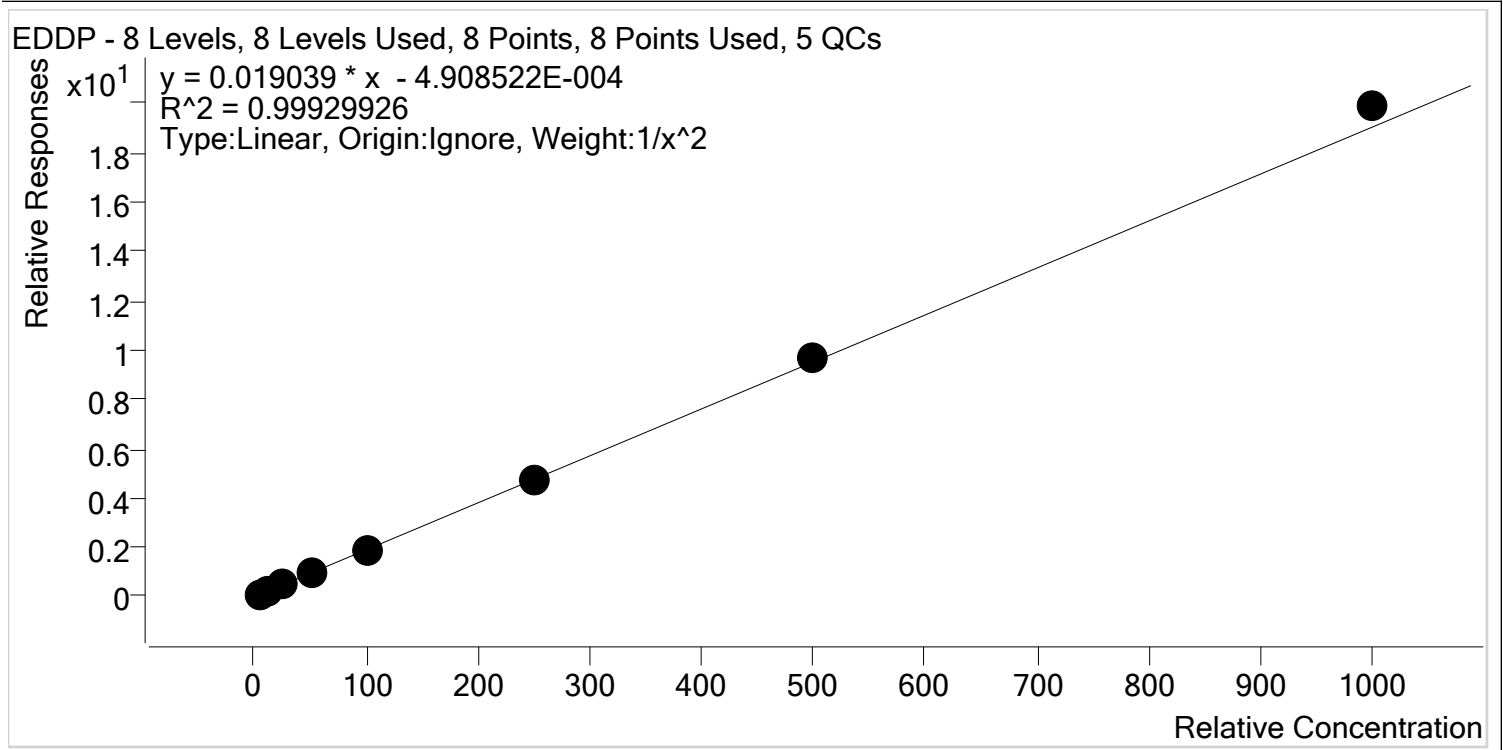
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	258.5	103.4
p1 Cal 7-500ng	7	✓	500.0	511.5	102.3
p1 Cal 8-1000ng	8	✓	1000.0	905.1	90.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3



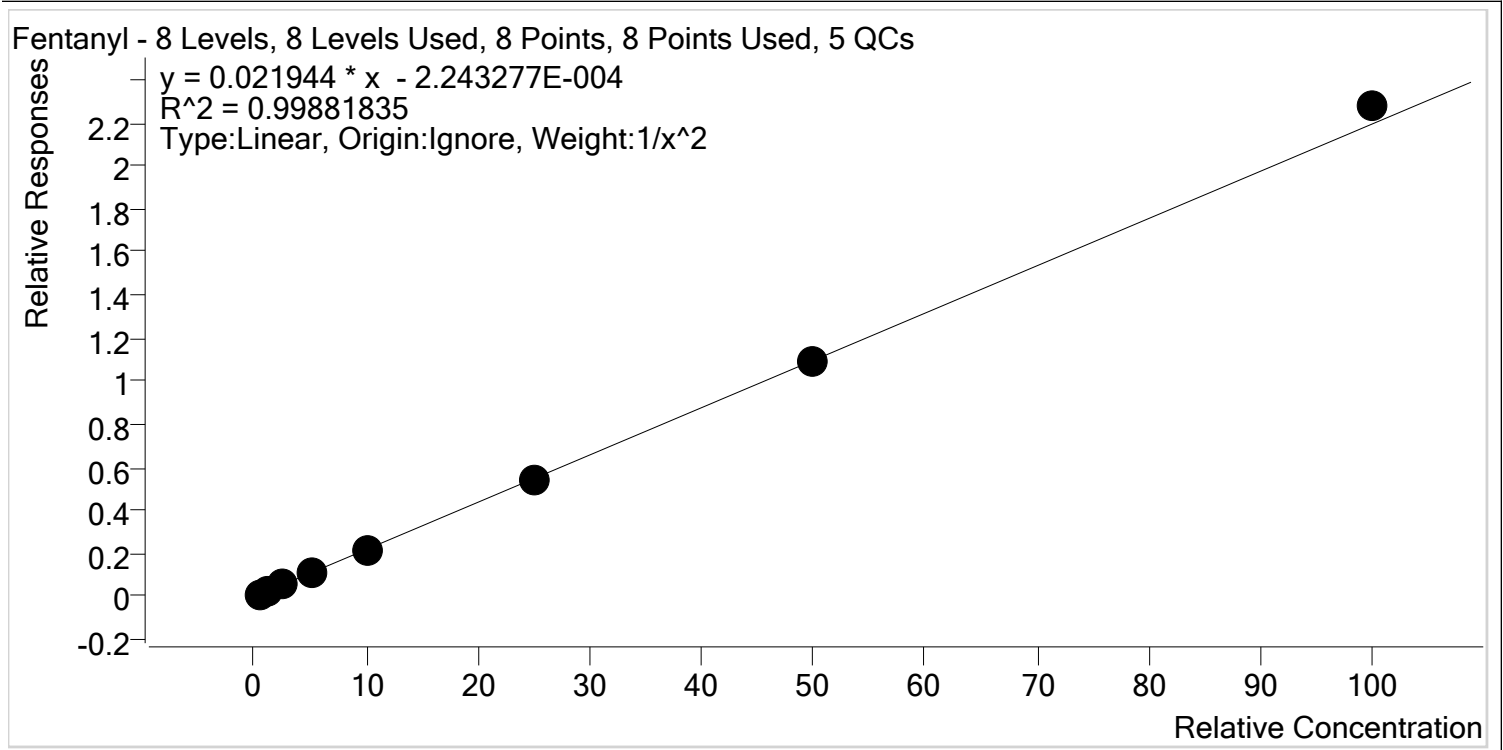
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	506.1	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1044.5	104.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.8
p1 Cal 2- 10ng	2	✓	1.0	1.0	95.4
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.4
p1 Cal 4-50ng	4	✓	5.0	5.1	102.4
p1 Cal 5-100ng	5	✓	10.0	10.0	99.5
p1 Cal 6-250ng	6	✓	25.0	25.0	100.1
p1 Cal 7-500ng	7	✓	50.0	49.8	99.6
p1 Cal 8-1000ng	8	✓	100.0	103.8	103.8

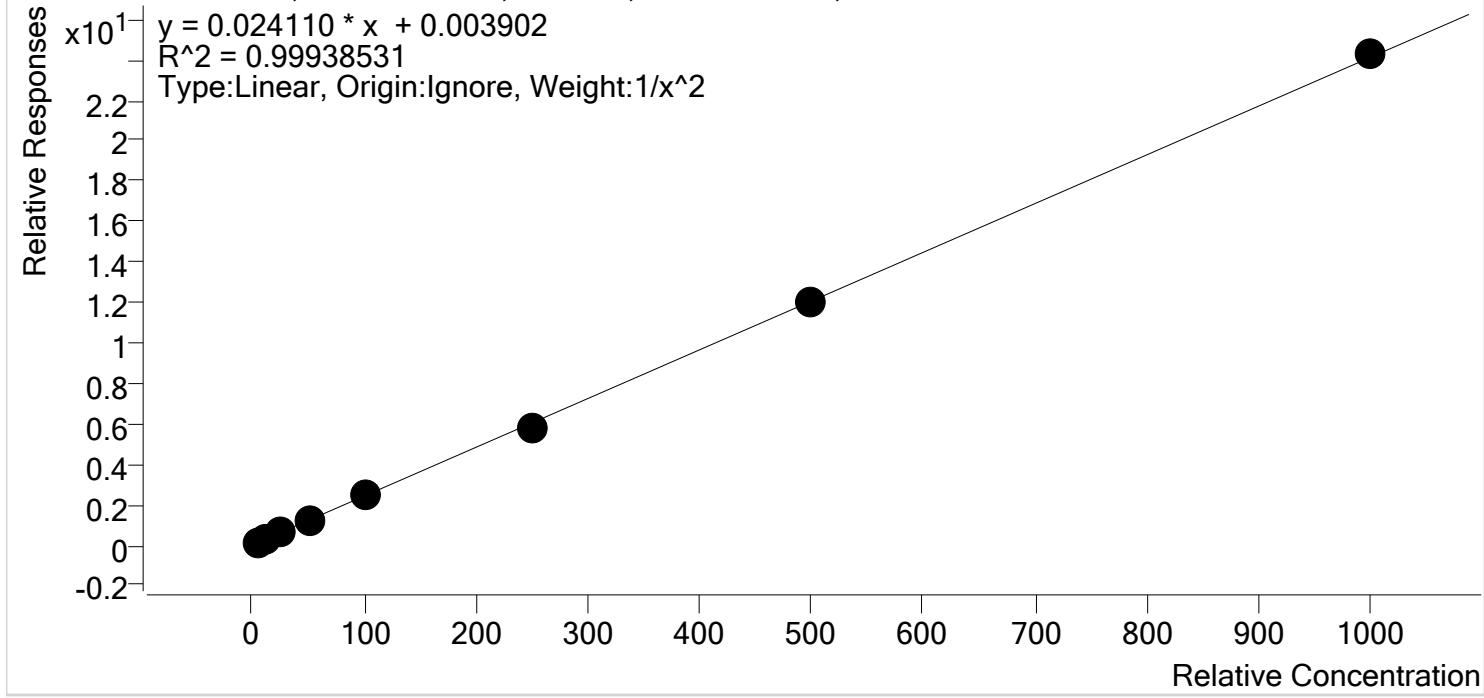
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

Fluoxetine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



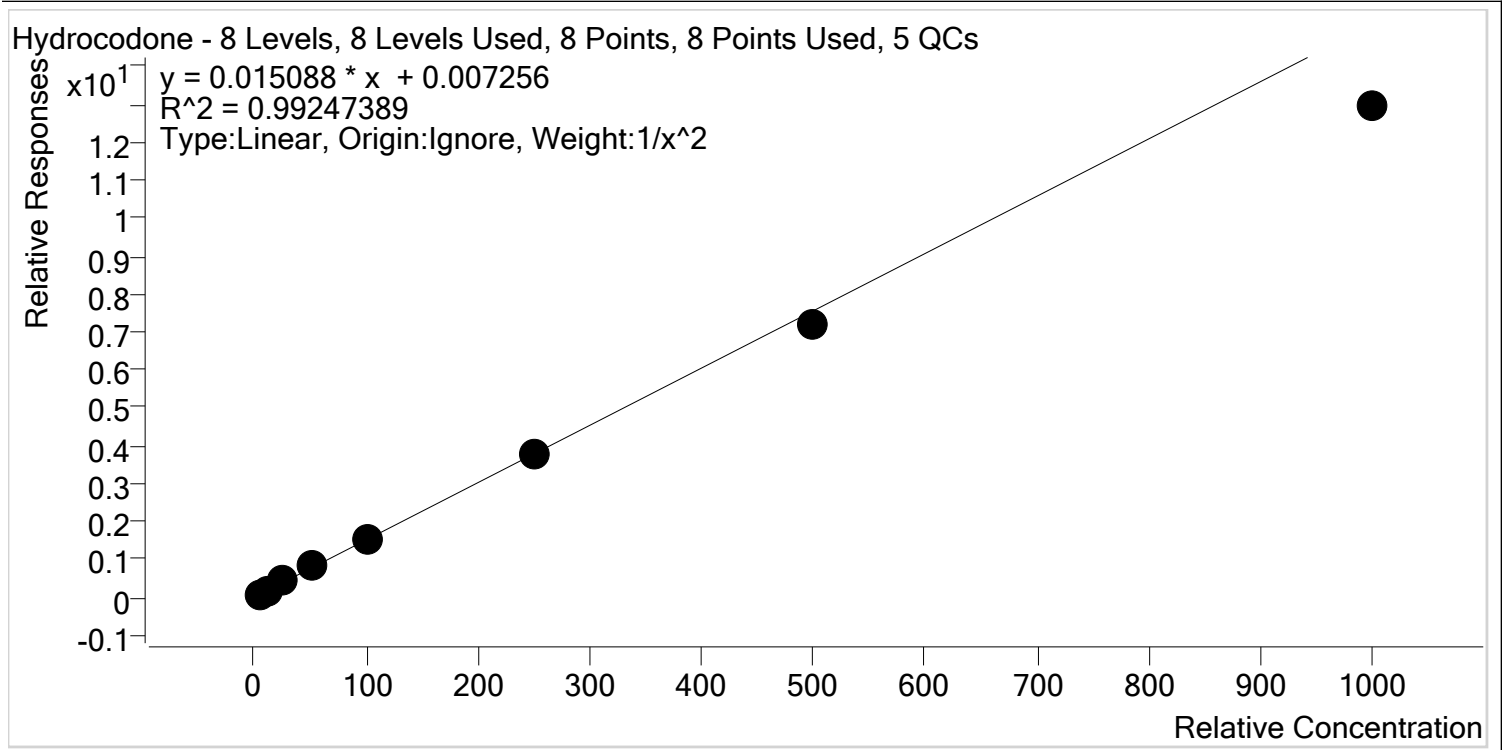
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	239.2	95.7
p1 Cal 7-500ng	7	✓	500.0	495.3	99.1
p1 Cal 8-1000ng	8	✓	1000.0	1006.6	100.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	54.6	109.2
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	477.8	95.6
p1 Cal 8-1000ng	8	✓	1000.0	857.1	85.7

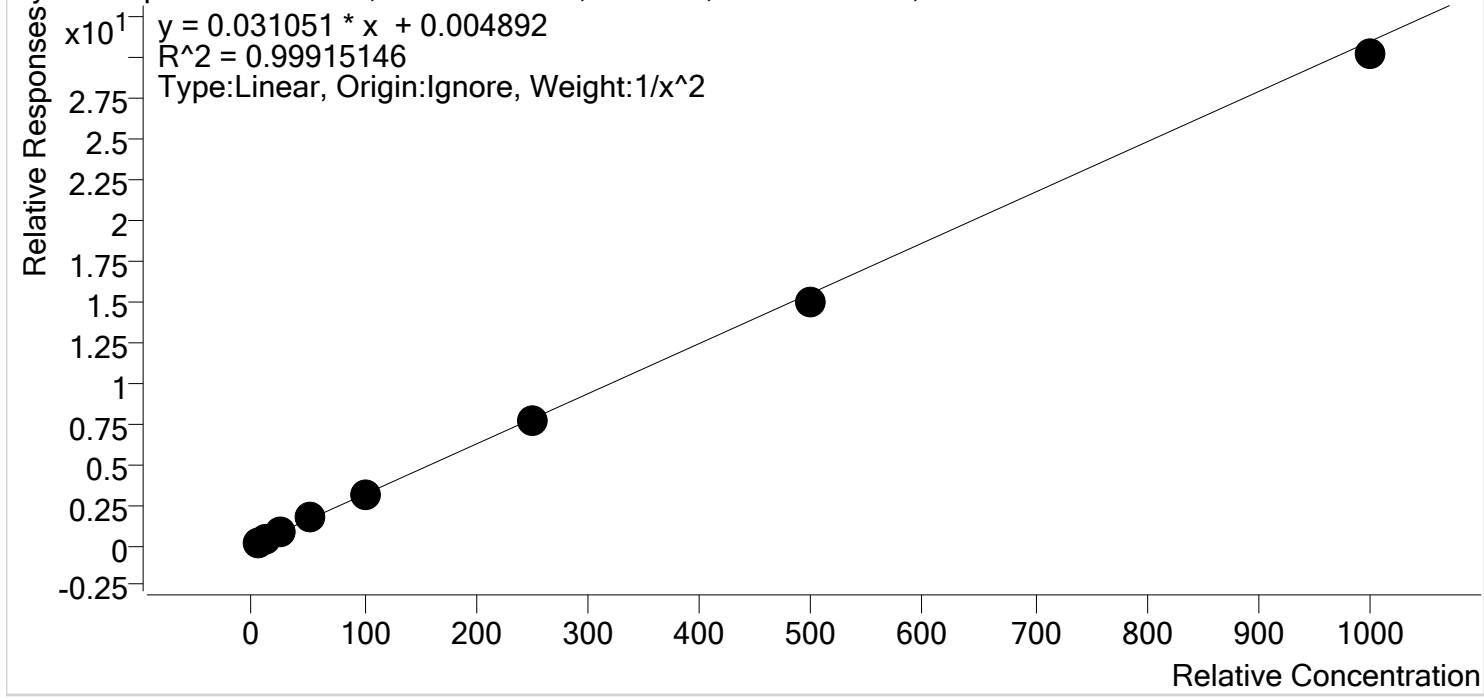
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



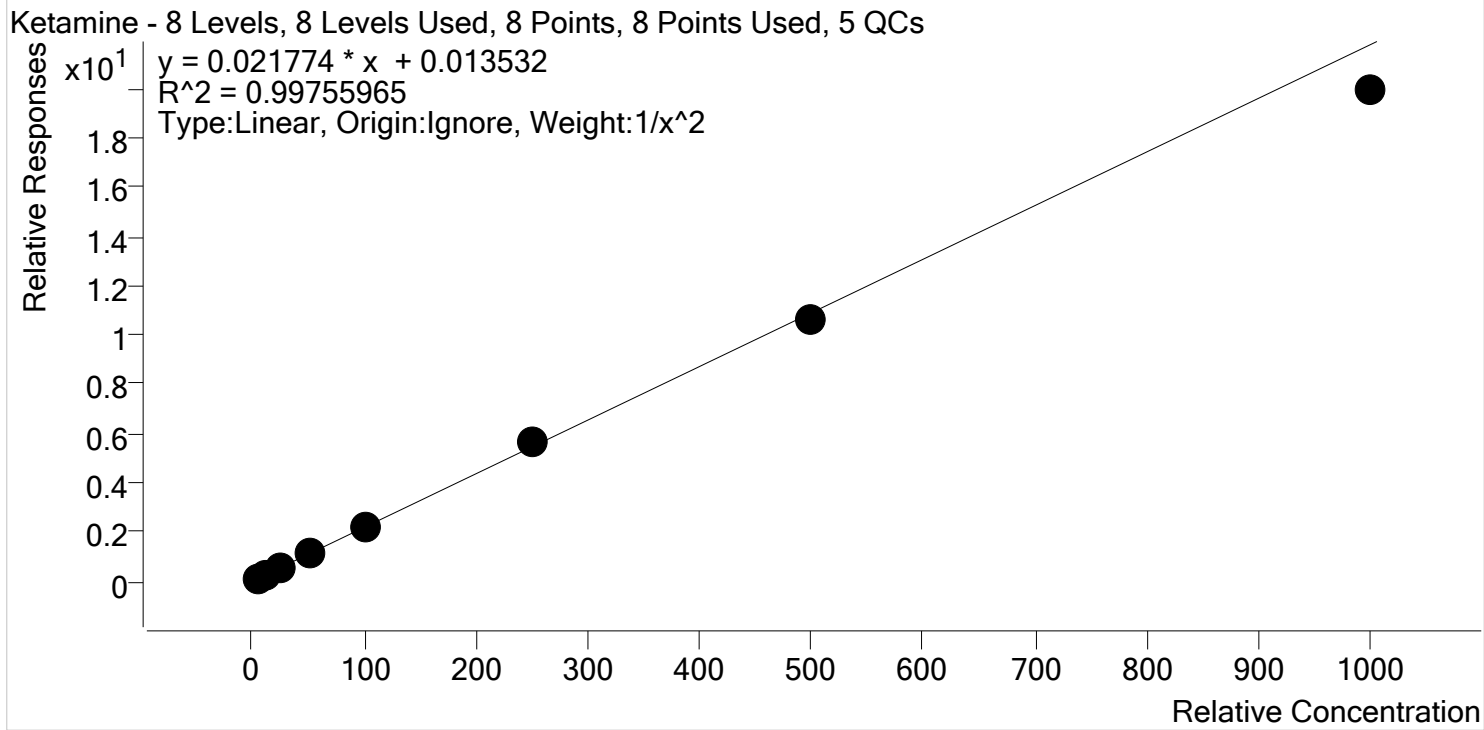
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	485.1	97.0
p1 Cal 8-1000ng	8	✓	1000.0	974.3	97.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 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	4.9	98.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	52.7	105.3
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	257.3	102.9
p1 Cal 7-500ng	7	✓	500.0	484.6	96.9
p1 Cal 8-1000ng	8	✓	1000.0	915.1	91.5

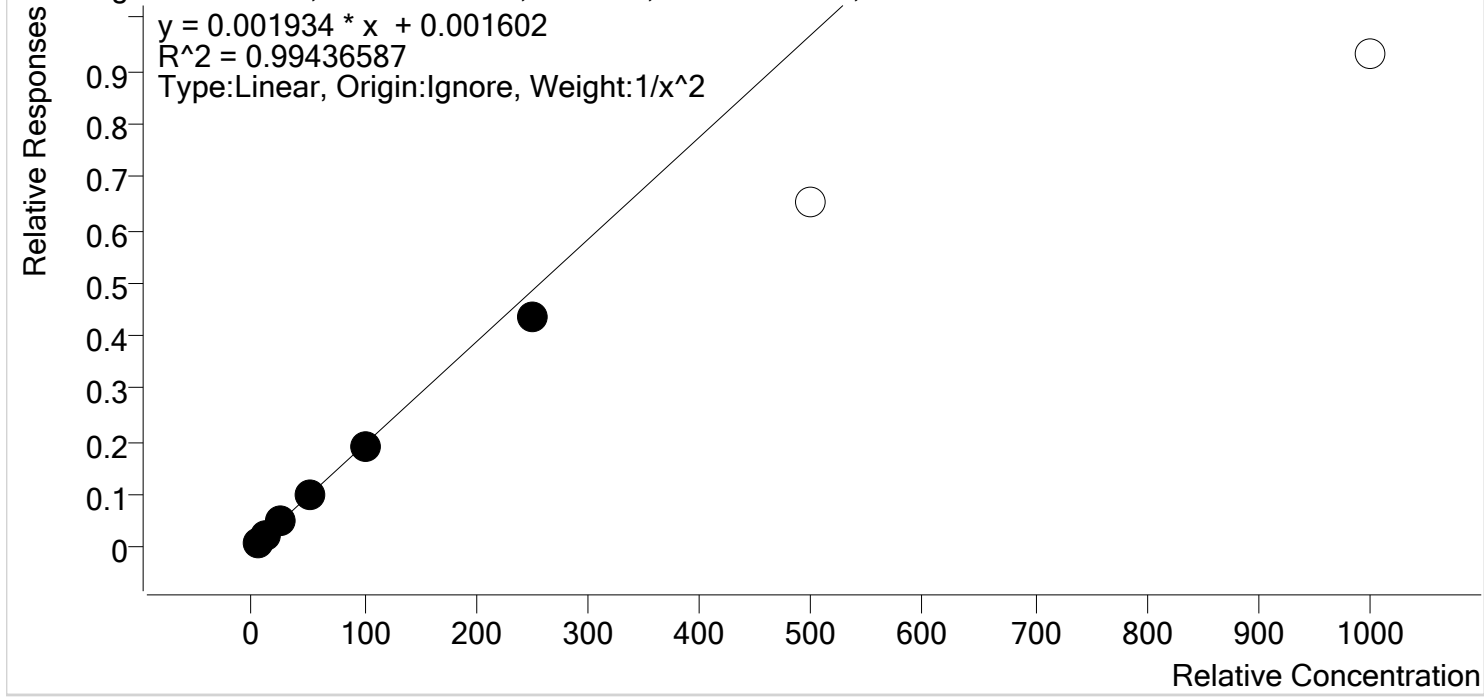
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4

Lamotrigine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



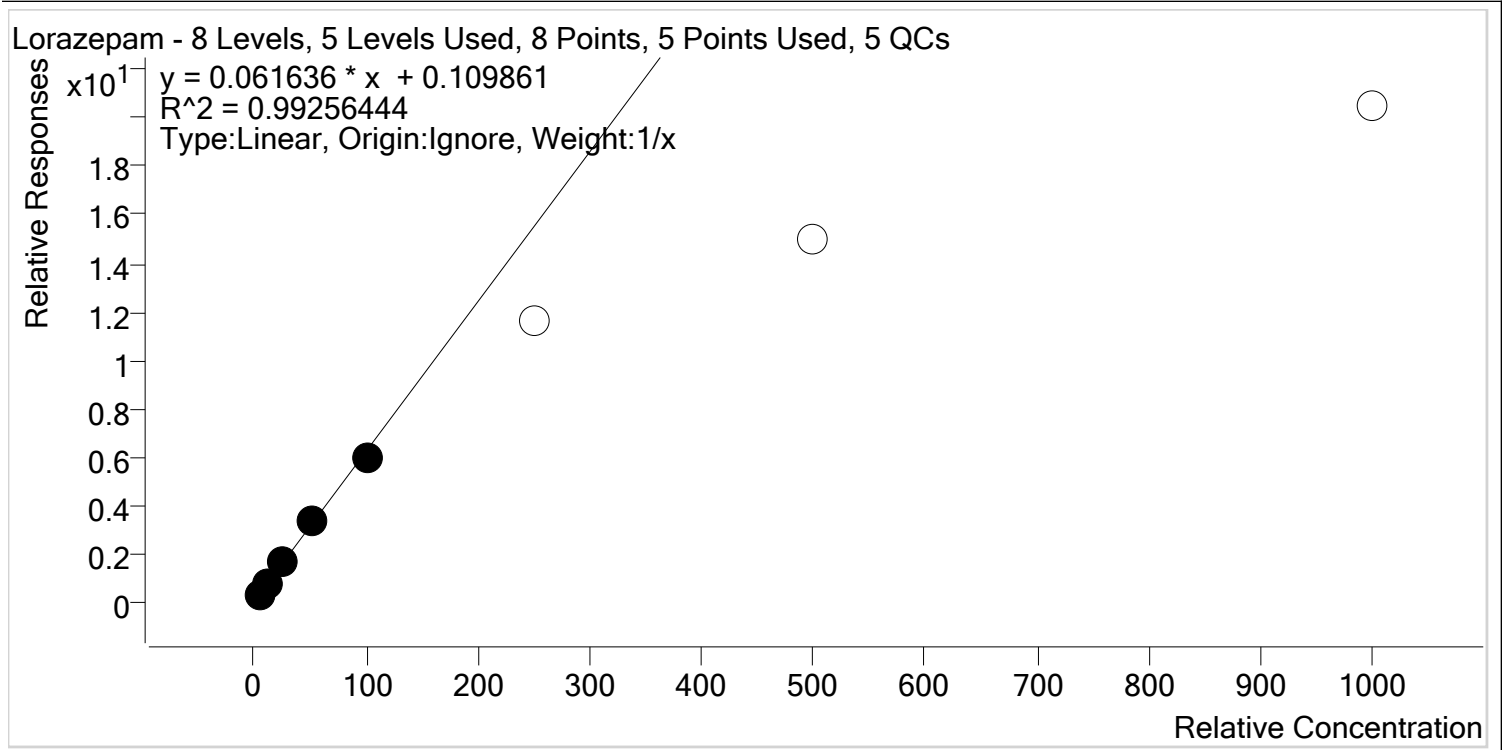
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2- 10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	52.7	105.5
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	223.5	89.4
p1 Cal 7-500ng	7	x	500.0	335.8	67.2
p1 Cal 8-1000ng	8	x	1000.0	480.7	48.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.3	85.9
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	94.3	94.3
p1 Cal 6-250ng	6	✗	250.0	188.4	75.4
p1 Cal 7-500ng	7	✗	500.0	240.8	48.2
p1 Cal 8-1000ng	8	✗	1000.0	330.5	33.0

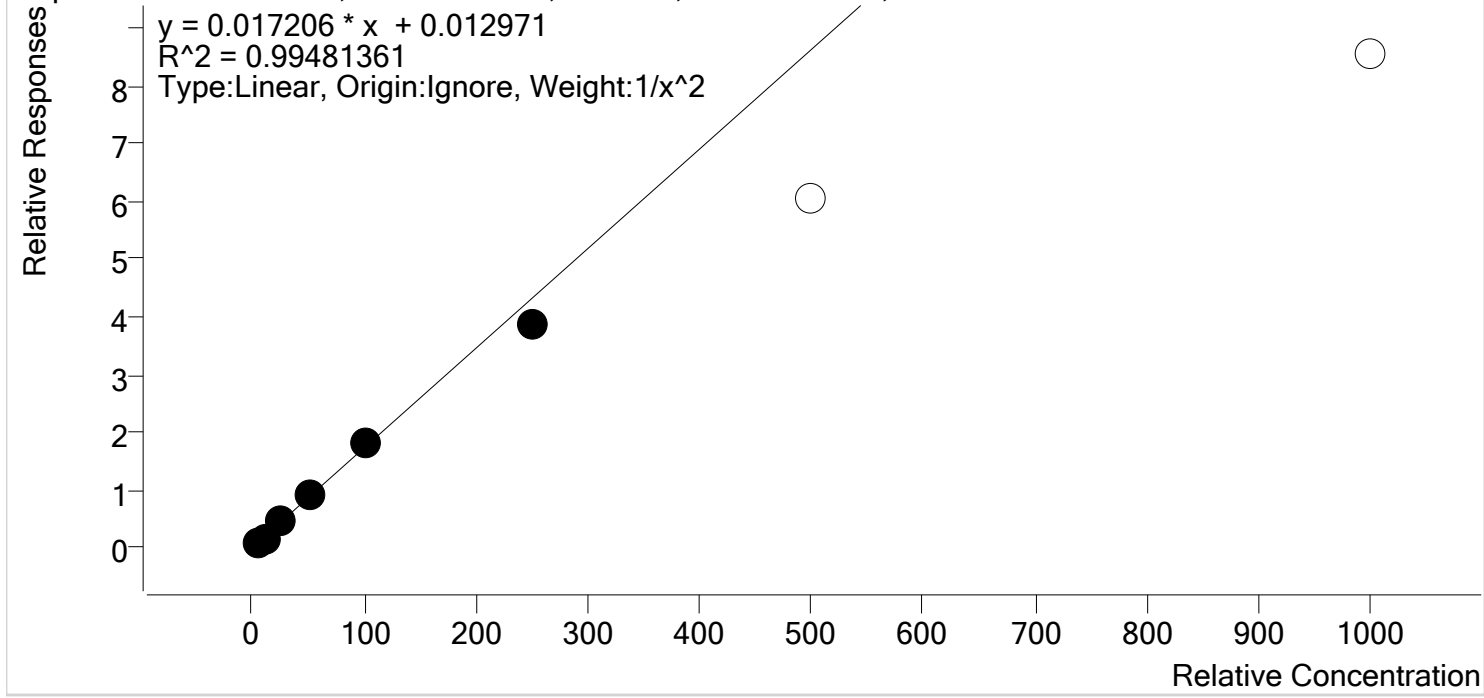
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

Meprobamate - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



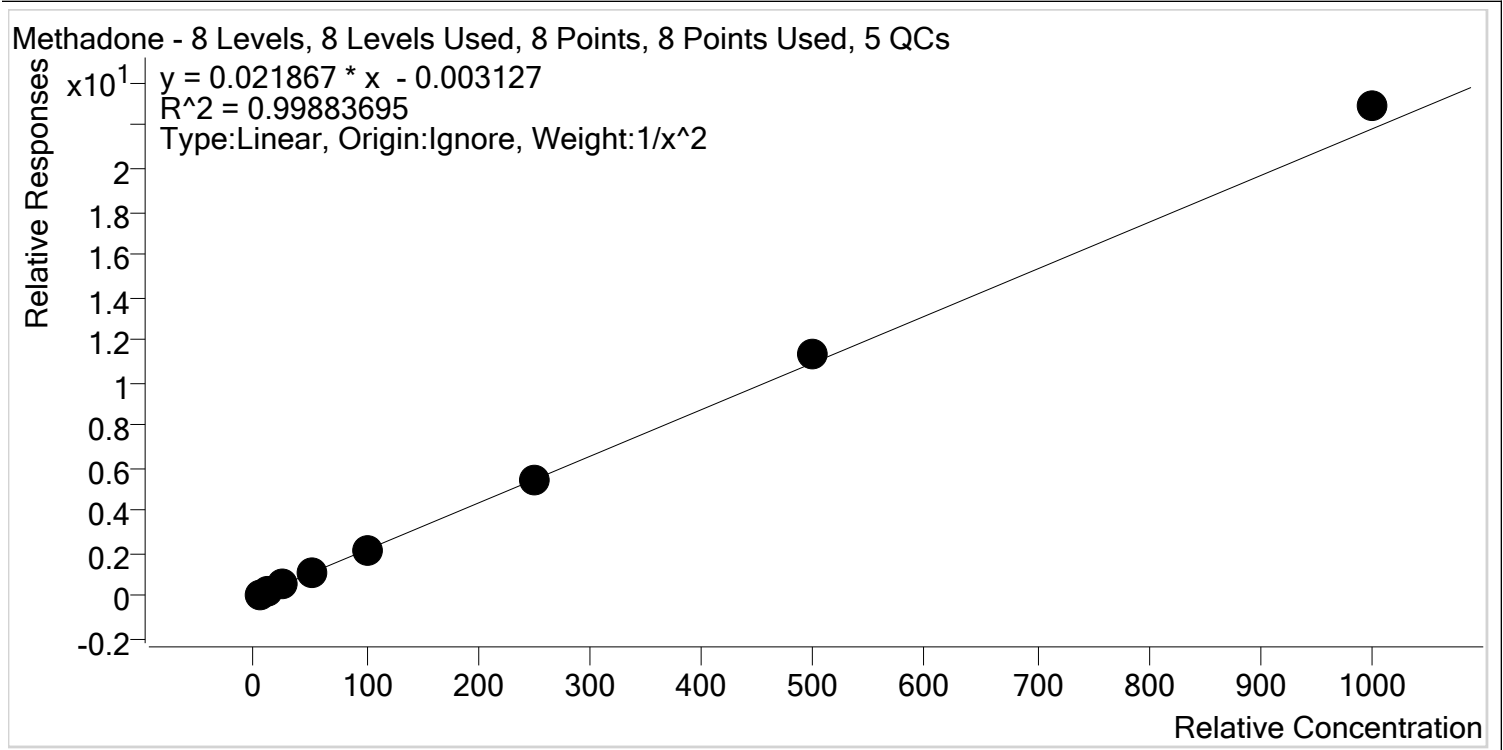
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	223.8	89.5
p1 Cal 7-500ng	7	x	500.0	349.3	69.9
p1 Cal 8-1000ng	8	x	1000.0	495.3	49.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



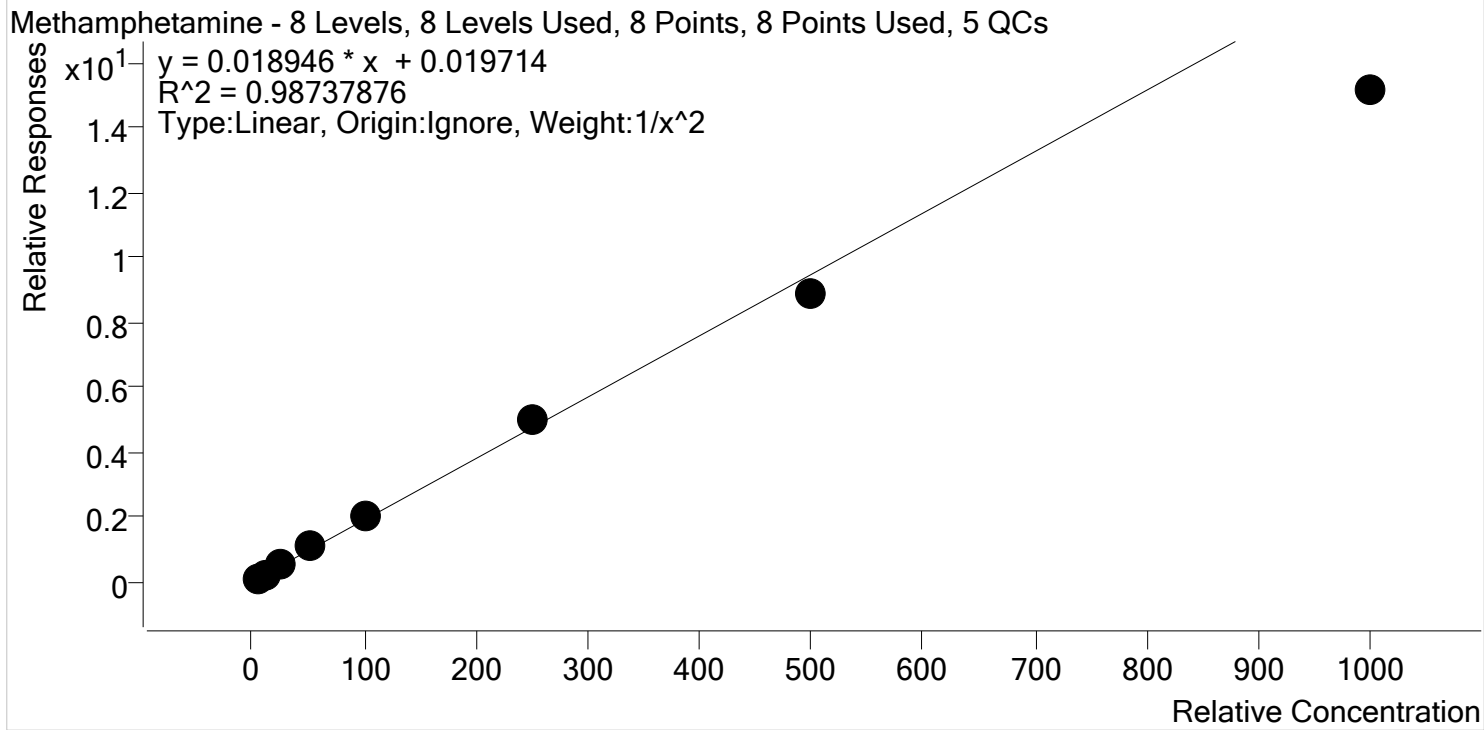
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	517.2	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1048.3	104.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



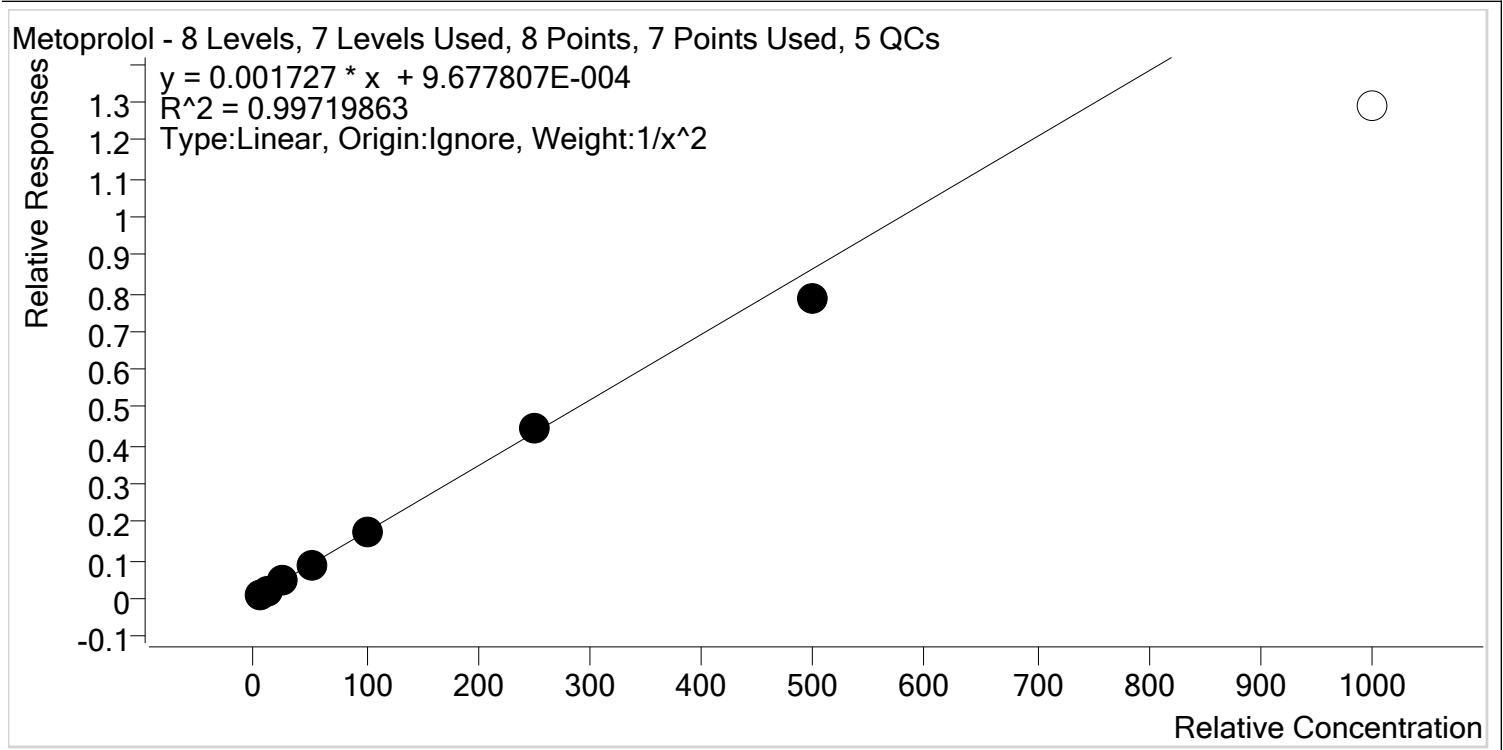
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	55.6	111.2
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	260.5	104.2
p1 Cal 7-500ng	7	✓	500.0	469.1	93.8
p1 Cal 8-1000ng	8	✓	1000.0	800.0	80.0



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



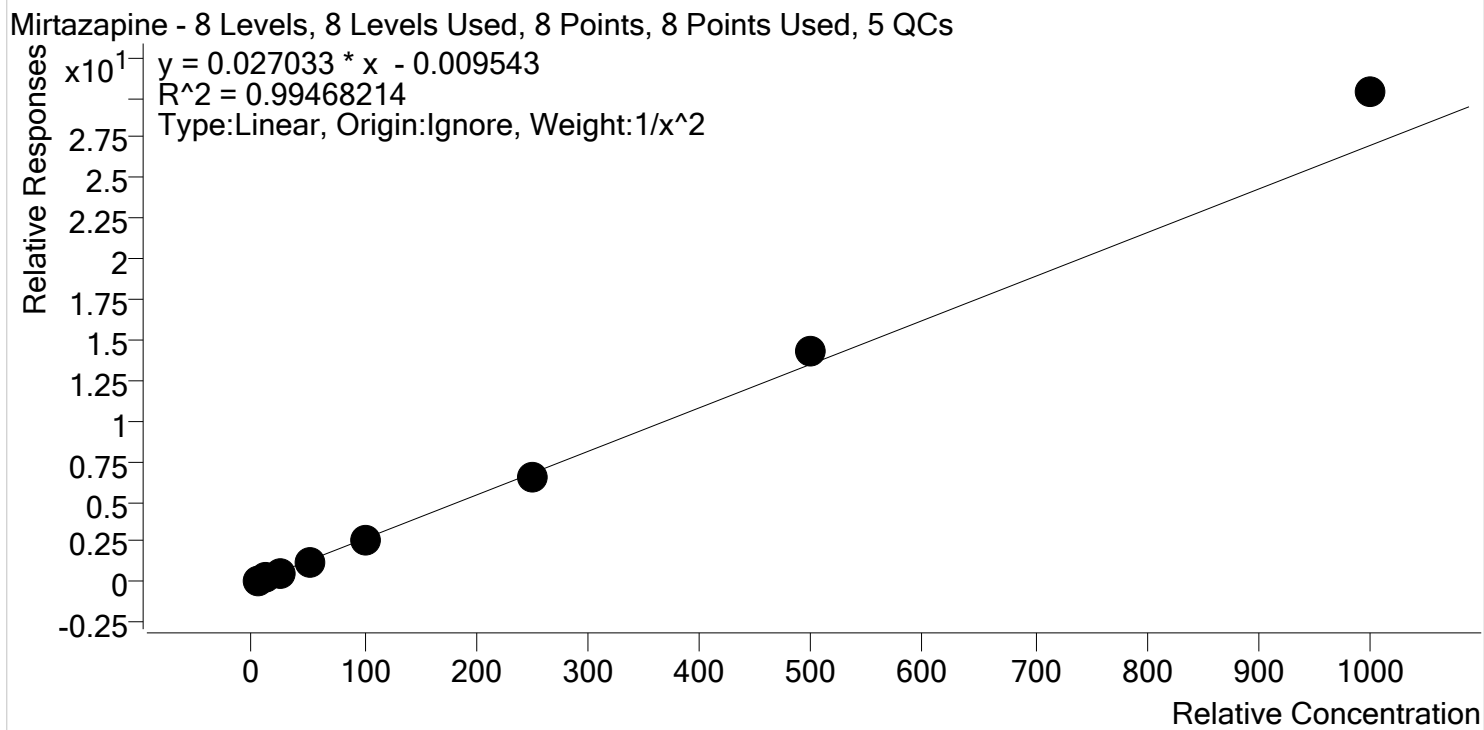
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	452.8	90.6
p1 Cal 8-1000ng	8	x	1000.0	746.4	74.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



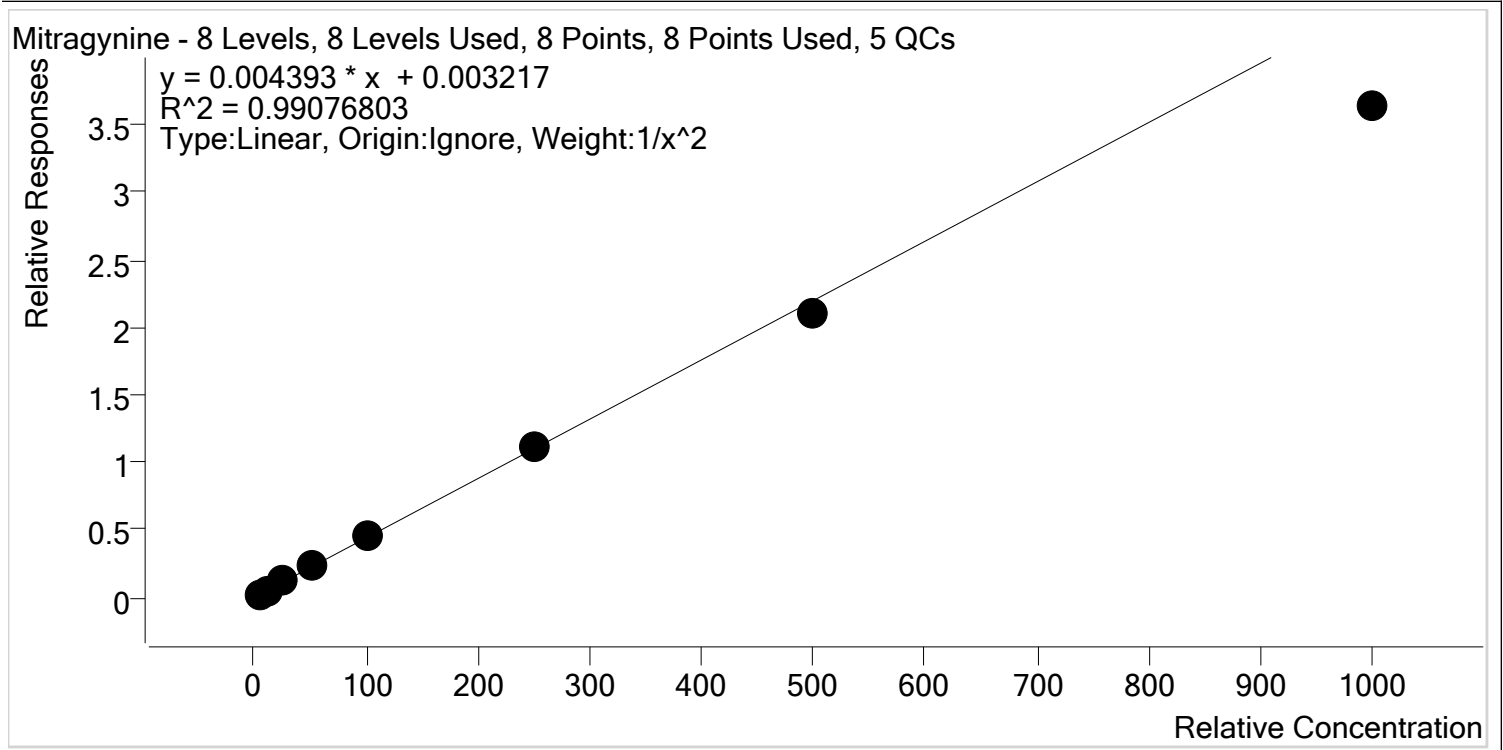
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2- 10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	46.8	93.7
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	243.2	97.3
p1 Cal 7-500ng	7	✓	500.0	526.9	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1121.6	112.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



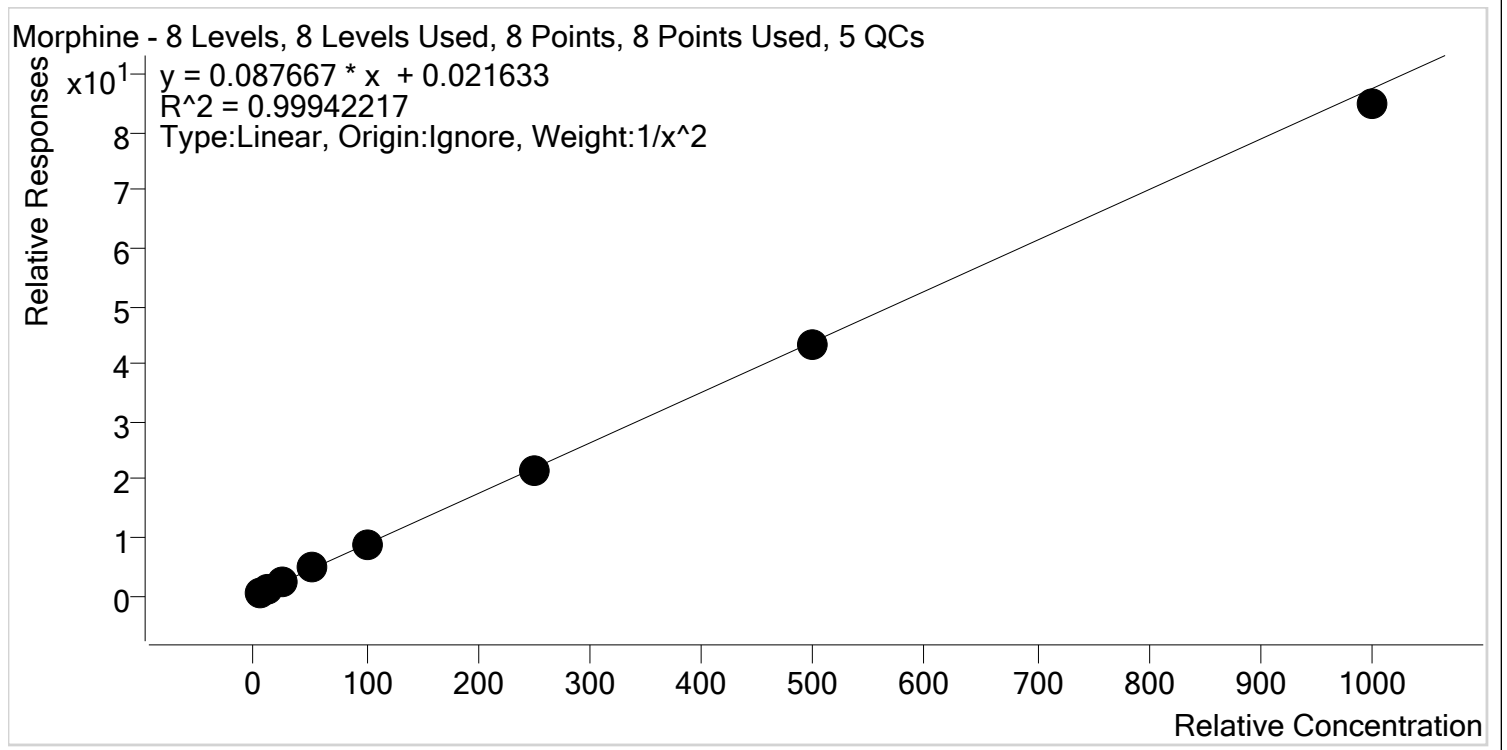
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2- 10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	481.3	96.3
p1 Cal 8-1000ng	8	✓	1000.0	827.5	82.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 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	4.9	99.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	493.5	98.7
p1 Cal 8-1000ng	8	✓	1000.0	969.0	96.9



TS

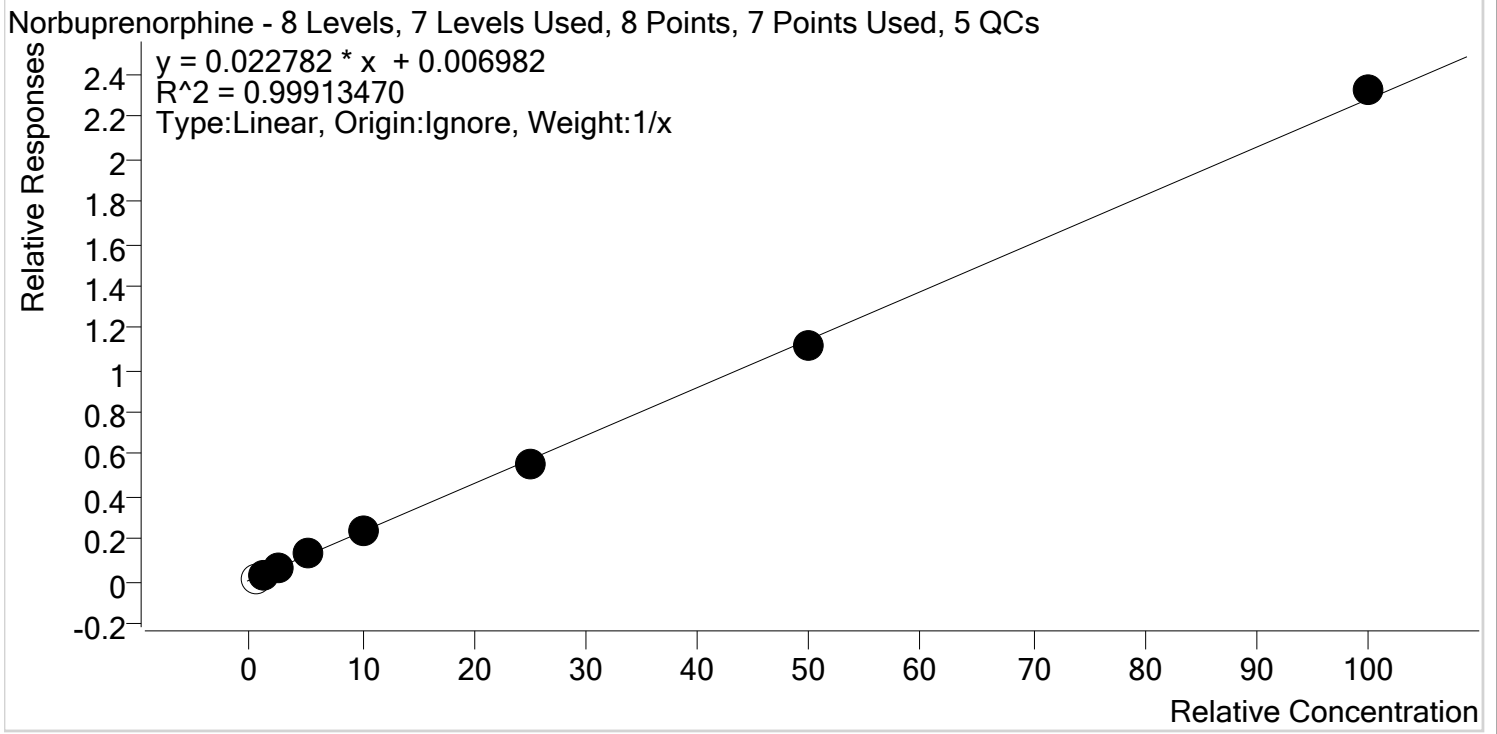
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin

Last Cal. Update 9/1/2020 10:14 AM

Analyst Name ISP\datastor

Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



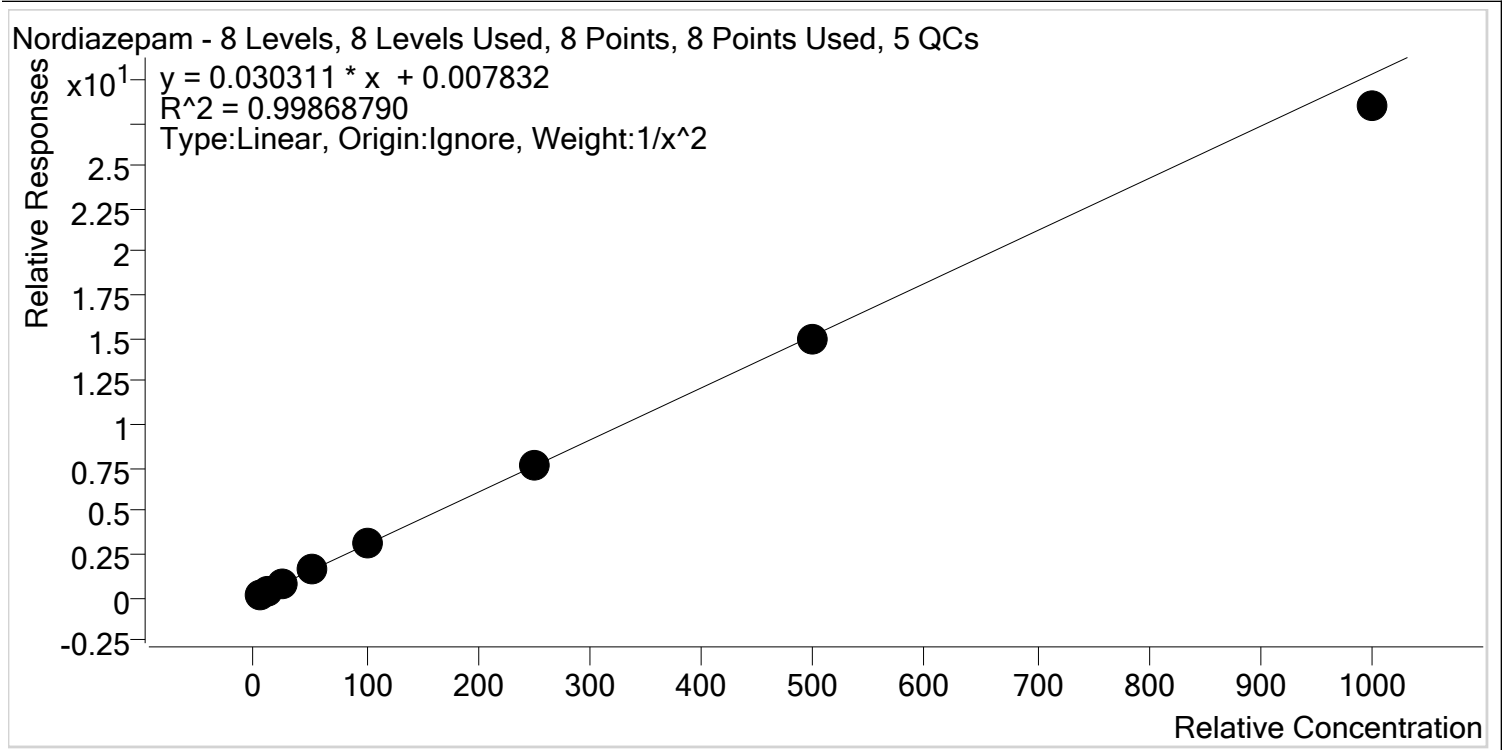
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.3	54.7
p1 Cal 2- 10ng	2	✓	1.0	1.0	98.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.1
p1 Cal 4-50ng	4	✓	5.0	5.4	108.9
p1 Cal 5-100ng	5	✓	10.0	10.0	100.1
p1 Cal 6-250ng	6	✓	25.0	24.4	97.4
p1 Cal 7-500ng	7	✓	50.0	48.4	96.9
p1 Cal 8-1000ng	8	✓	100.0	101.9	101.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



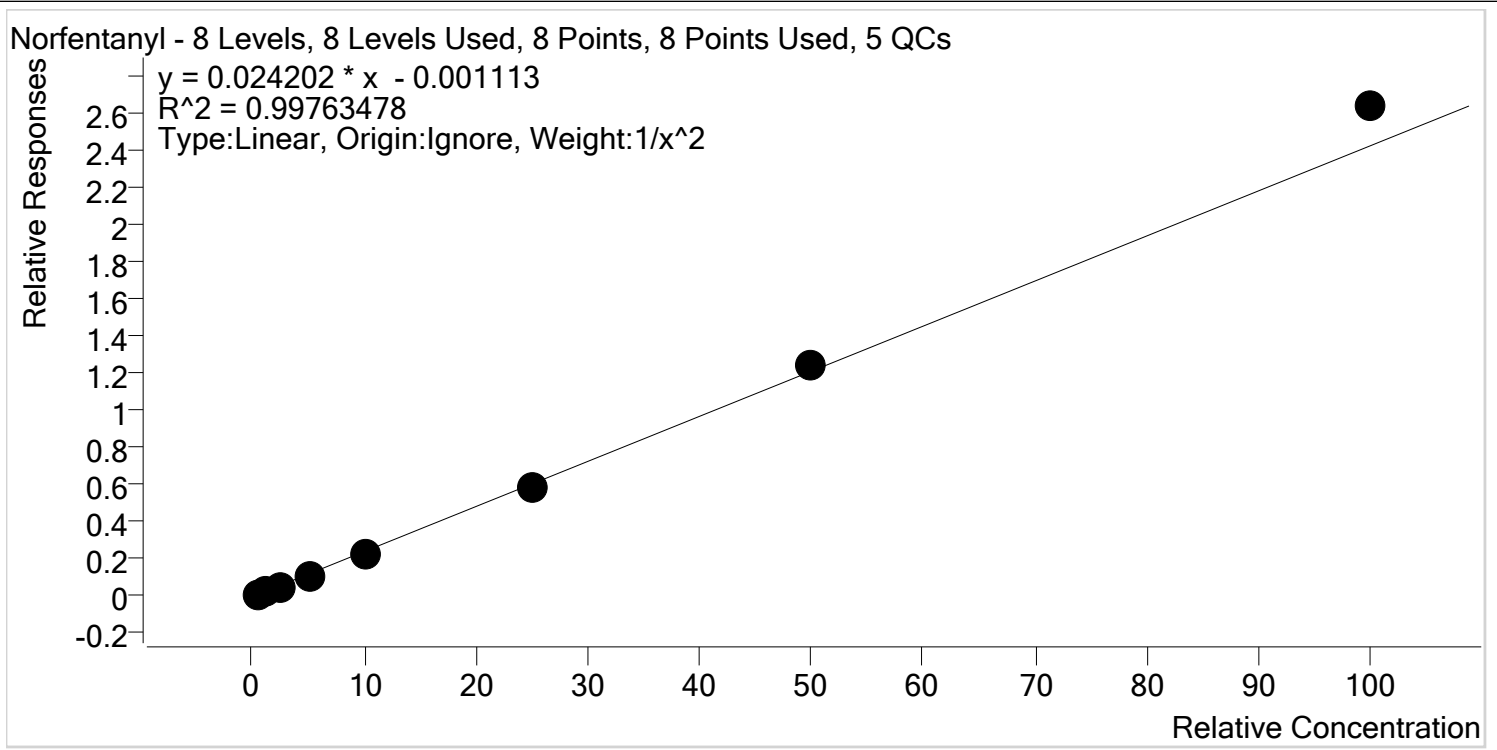
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	492.0	98.4
p1 Cal 8-1000ng	8	✓	1000.0	938.4	93.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5



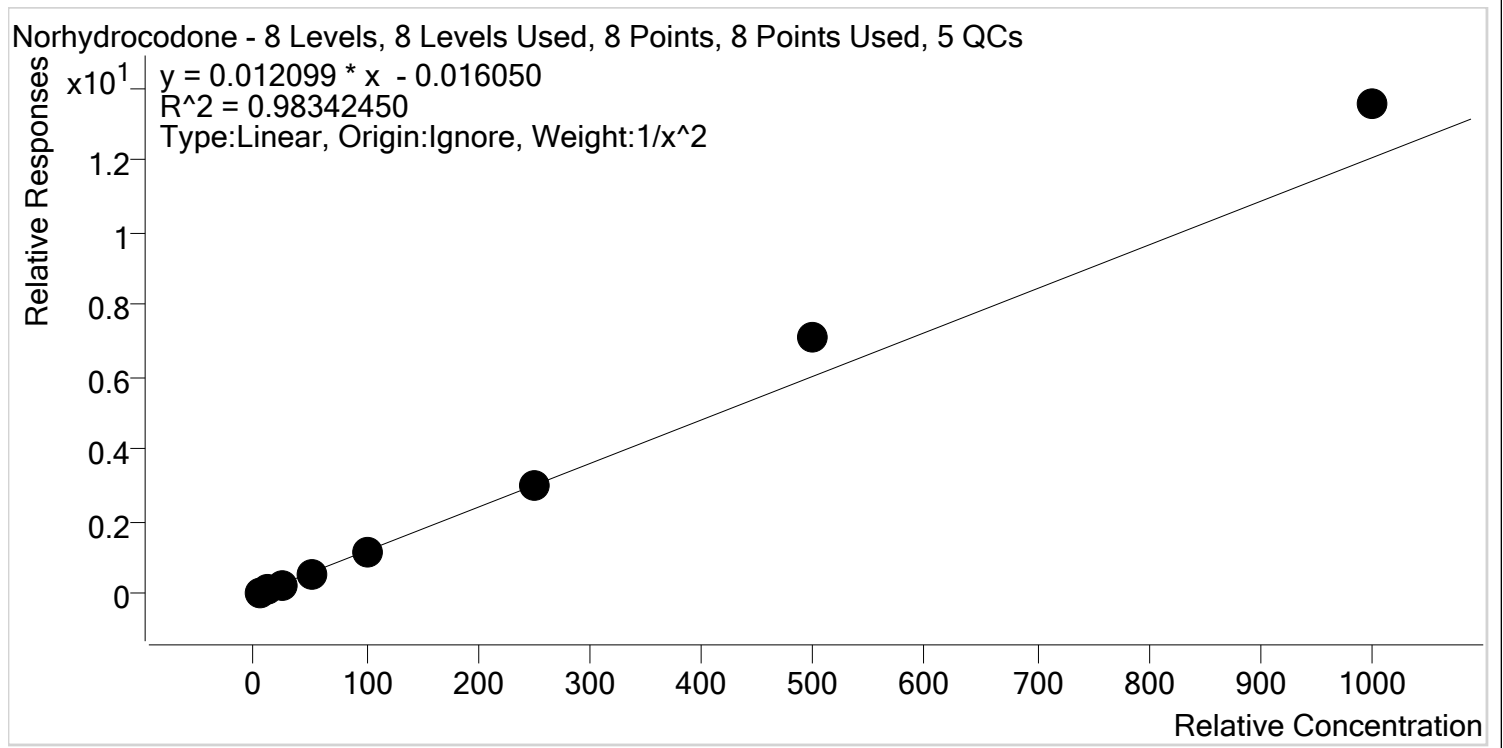
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.8
p1 Cal 2- 10ng	2	✓	1.0	1.0	98.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.1
p1 Cal 4-50ng	4	✓	5.0	4.9	97.4
p1 Cal 5-100ng	5	✓	10.0	9.7	96.6
p1 Cal 6-250ng	6	✓	25.0	24.5	98.1
p1 Cal 7-500ng	7	✓	50.0	51.2	102.5
p1 Cal 8-1000ng	8	✓	100.0	108.8	108.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



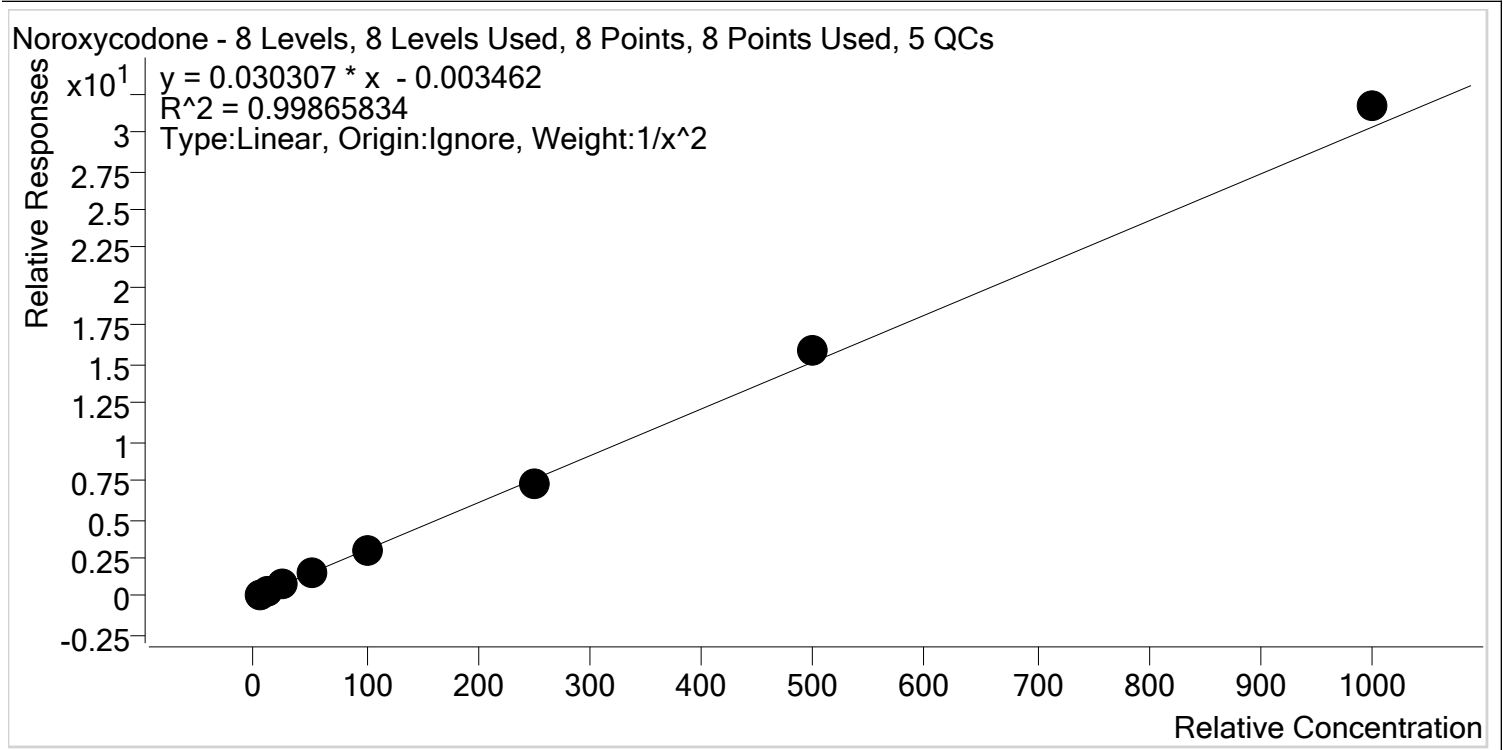
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.3
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	22.0	88.0
p1 Cal 4-50ng	4	✓	50.0	43.7	87.4
p1 Cal 5-100ng	5	✓	100.0	93.0	93.0
p1 Cal 6-250ng	6	✓	250.0	246.0	98.4
p1 Cal 7-500ng	7	✓	500.0	593.3	118.7
p1 Cal 8-1000ng	8	✓	1000.0	1122.2	112.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	524.0	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1044.4	104.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

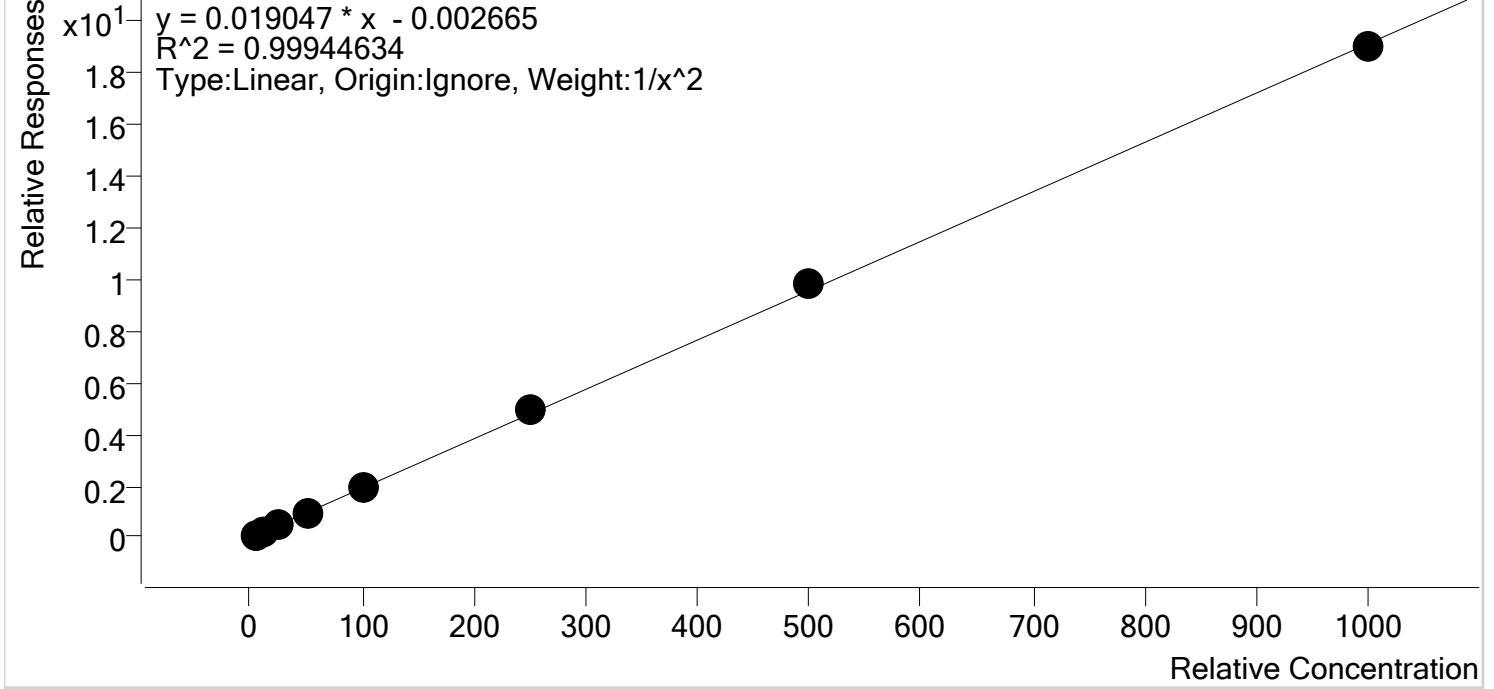
Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin

Last Cal. Update 9/1/2020 10:14 AM

Analyst Name ISP\datastor

Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

O-desmethyl-tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
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	255.8	102.3
p1 Cal 7-500ng	7	✓	500.0	514.8	103.0
p1 Cal 8-1000ng	8	✓	1000.0	993.4	99.3

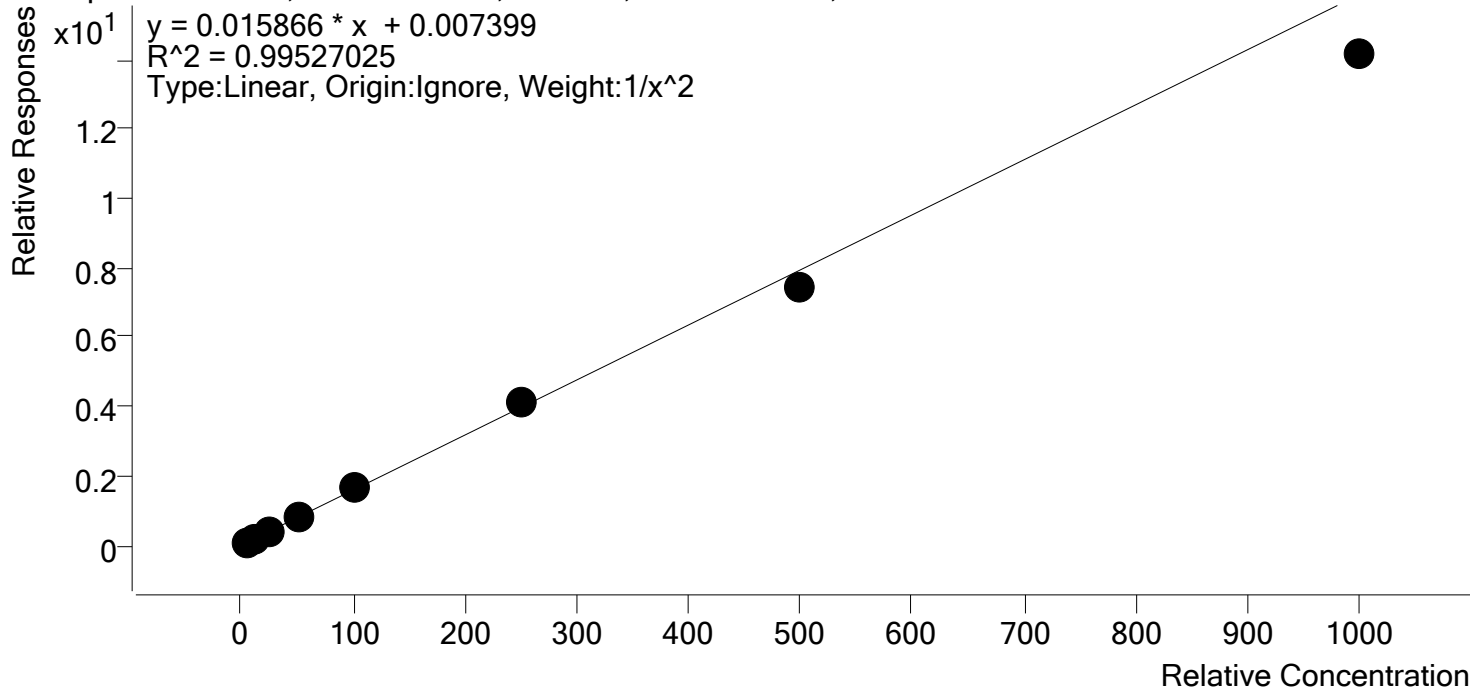


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

Oxazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



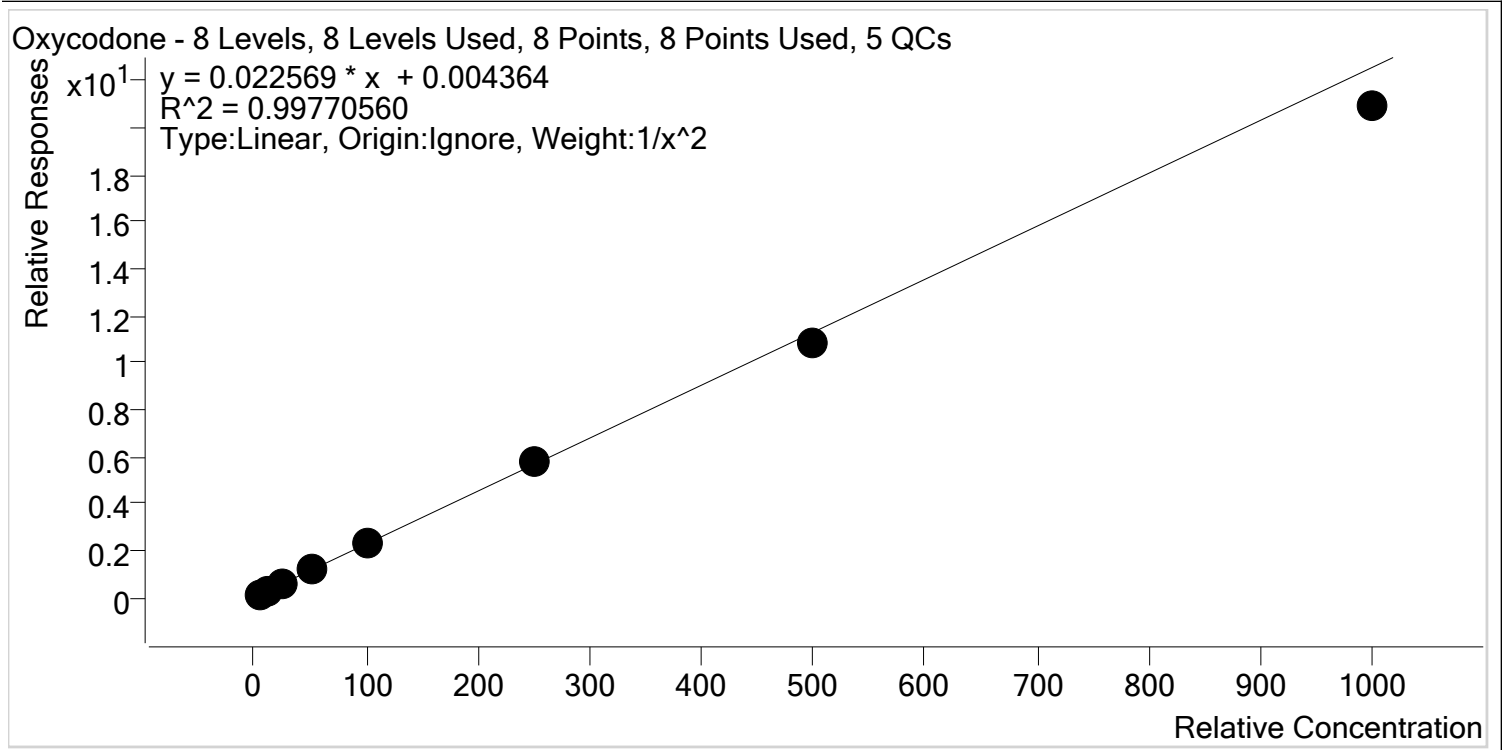
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	259.9	103.9
p1 Cal 7-500ng	7	✓	500.0	468.6	93.7
p1 Cal 8-1000ng	8	✓	1000.0	891.9	89.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



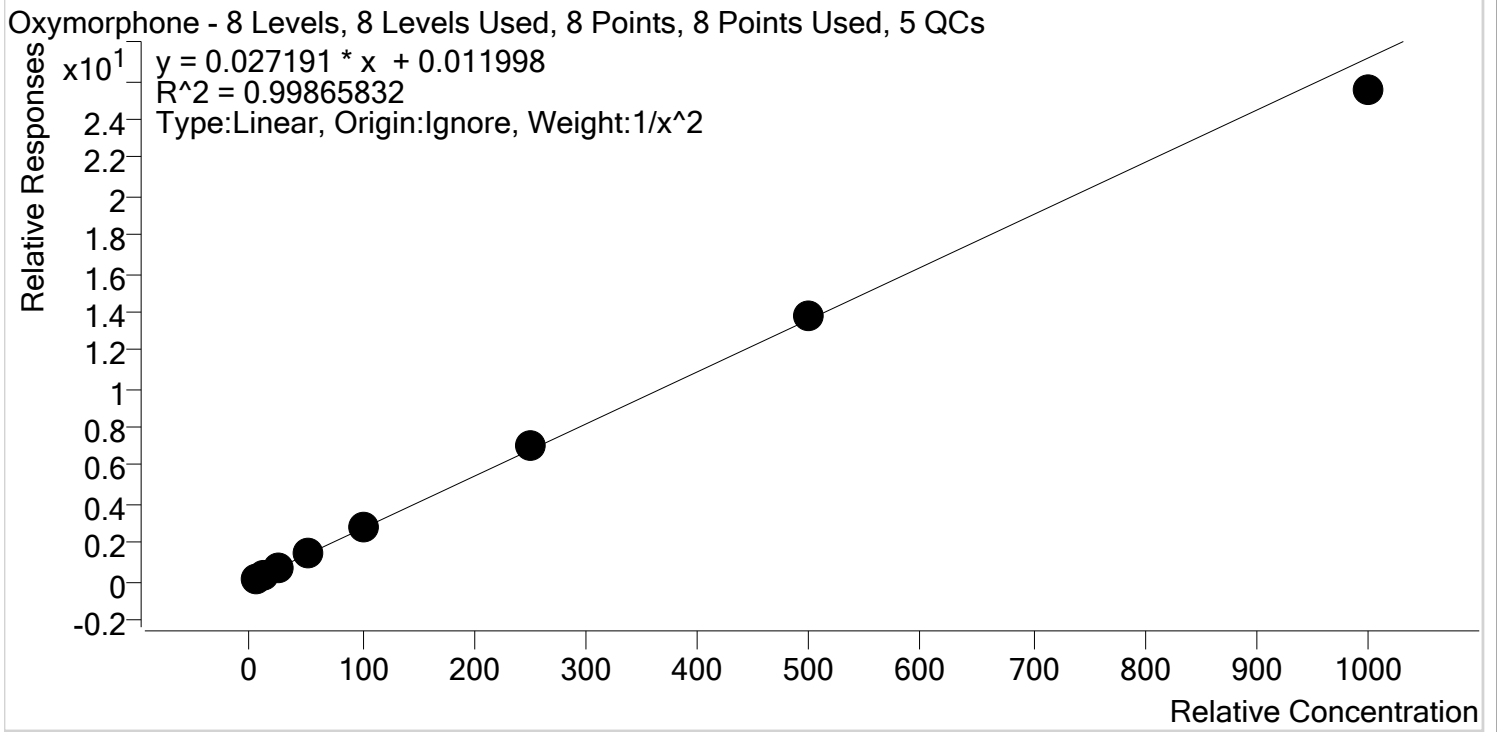
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	52.5	105.1
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	478.2	95.6
p1 Cal 8-1000ng	8	✓	1000.0	926.7	92.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



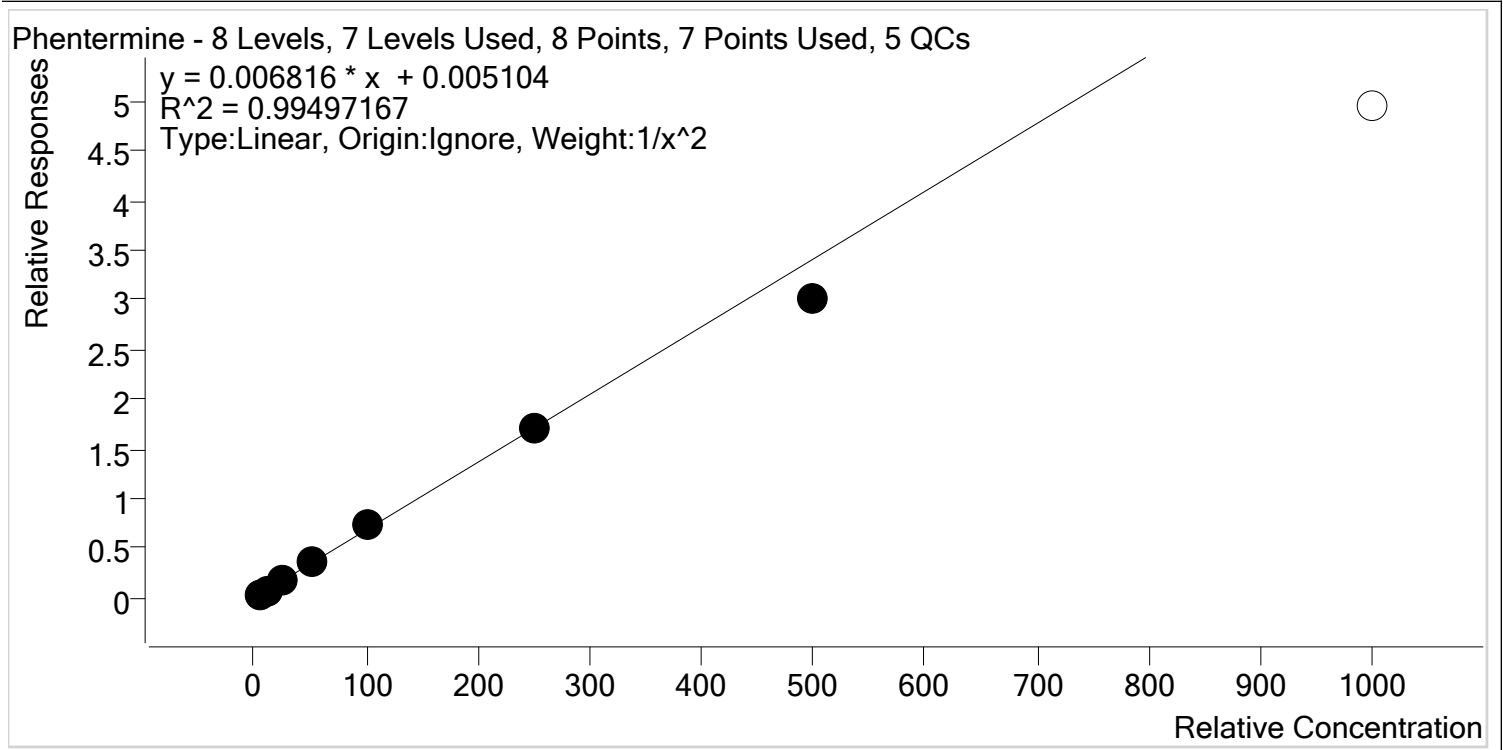
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	507.4	101.5
p1 Cal 8-1000ng	8	✓	1000.0	938.2	93.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



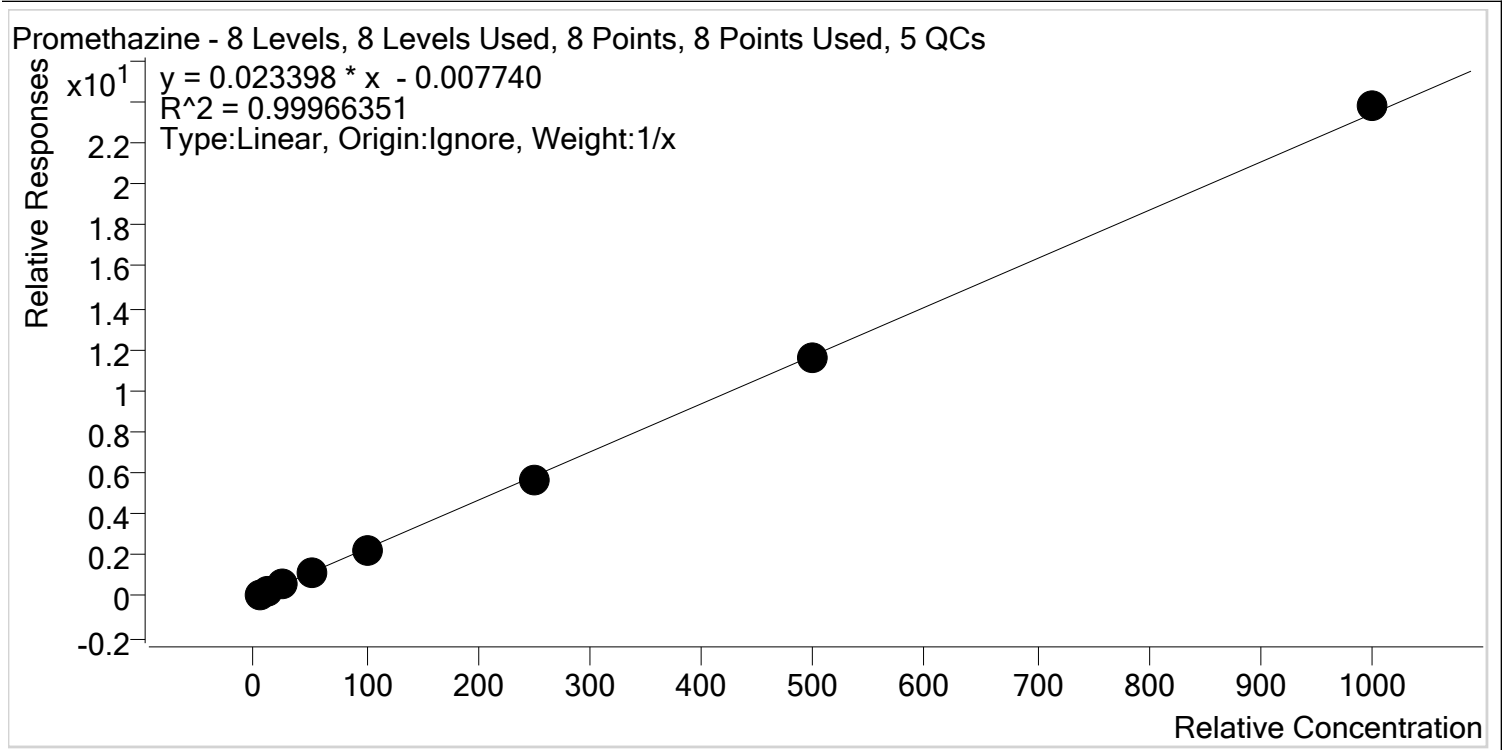
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	439.4	87.9
p1 Cal 8-1000ng	8	x	1000.0	725.5	72.6



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



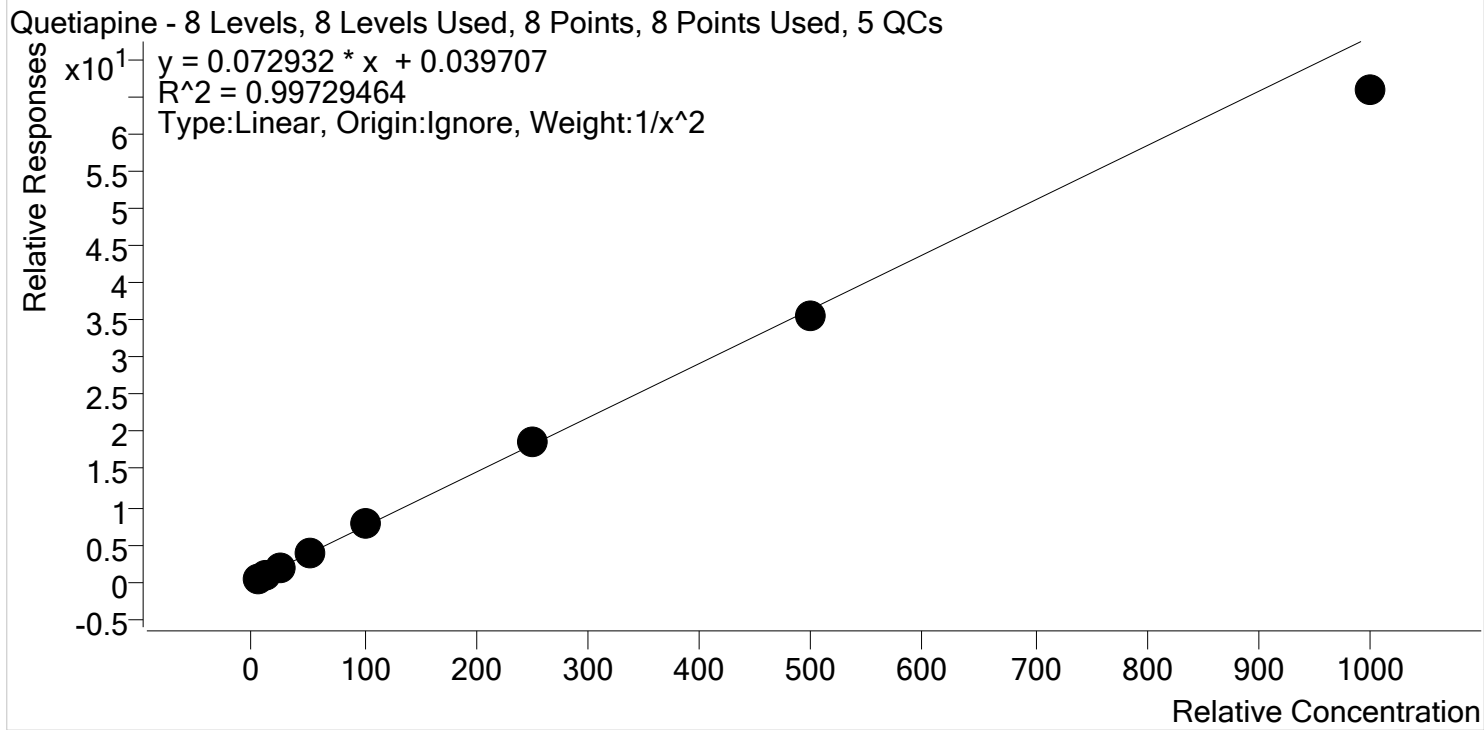
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	244.3	97.7
p1 Cal 7-500ng	7	✓	500.0	493.7	98.7
p1 Cal 8-1000ng	8	✓	1000.0	1015.7	101.6



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



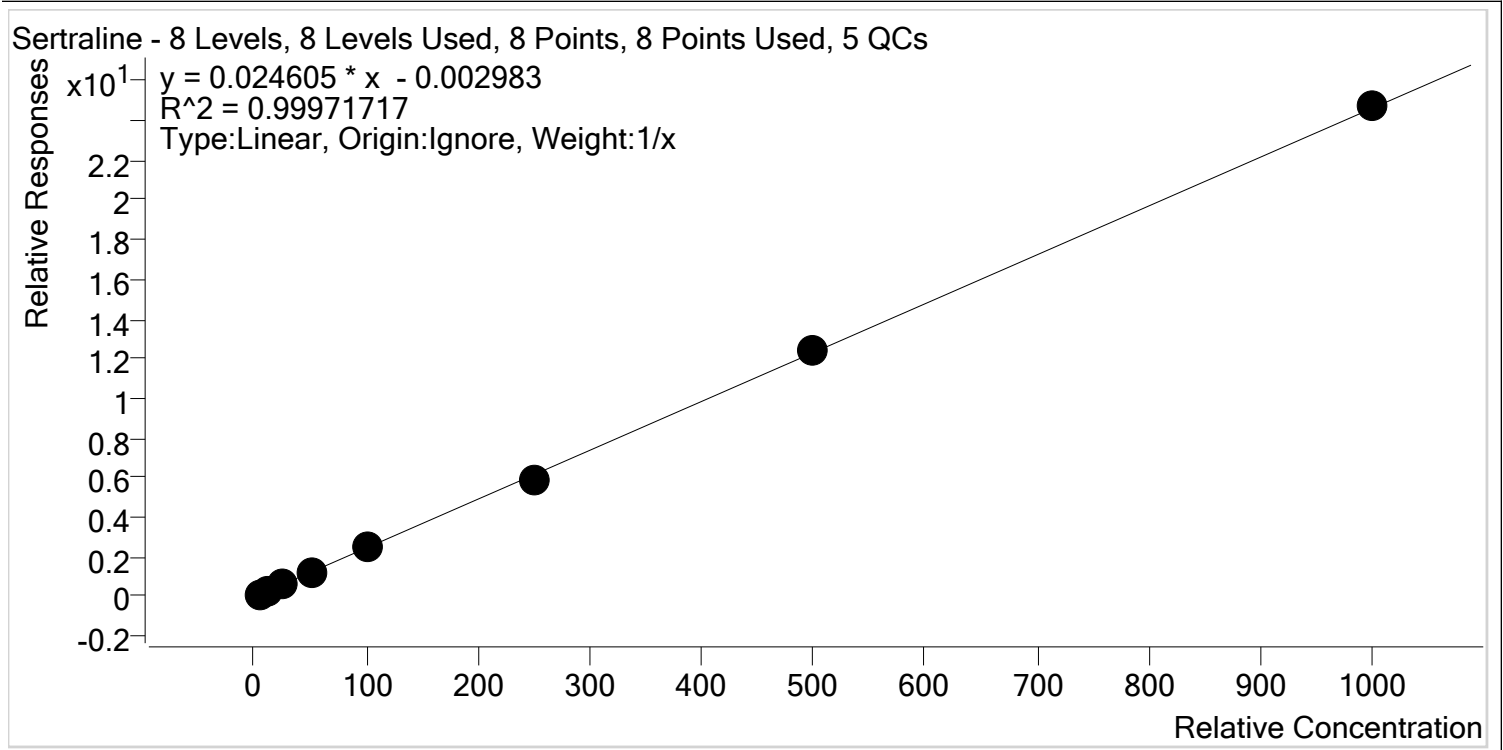
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	51.6	103.1
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	491.0	98.2
p1 Cal 8-1000ng	8	✓	1000.0	902.2	90.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 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	5.1	102.6
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	240.1	96.0
p1 Cal 7-500ng	7	✓	500.0	505.8	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1004.2	100.4

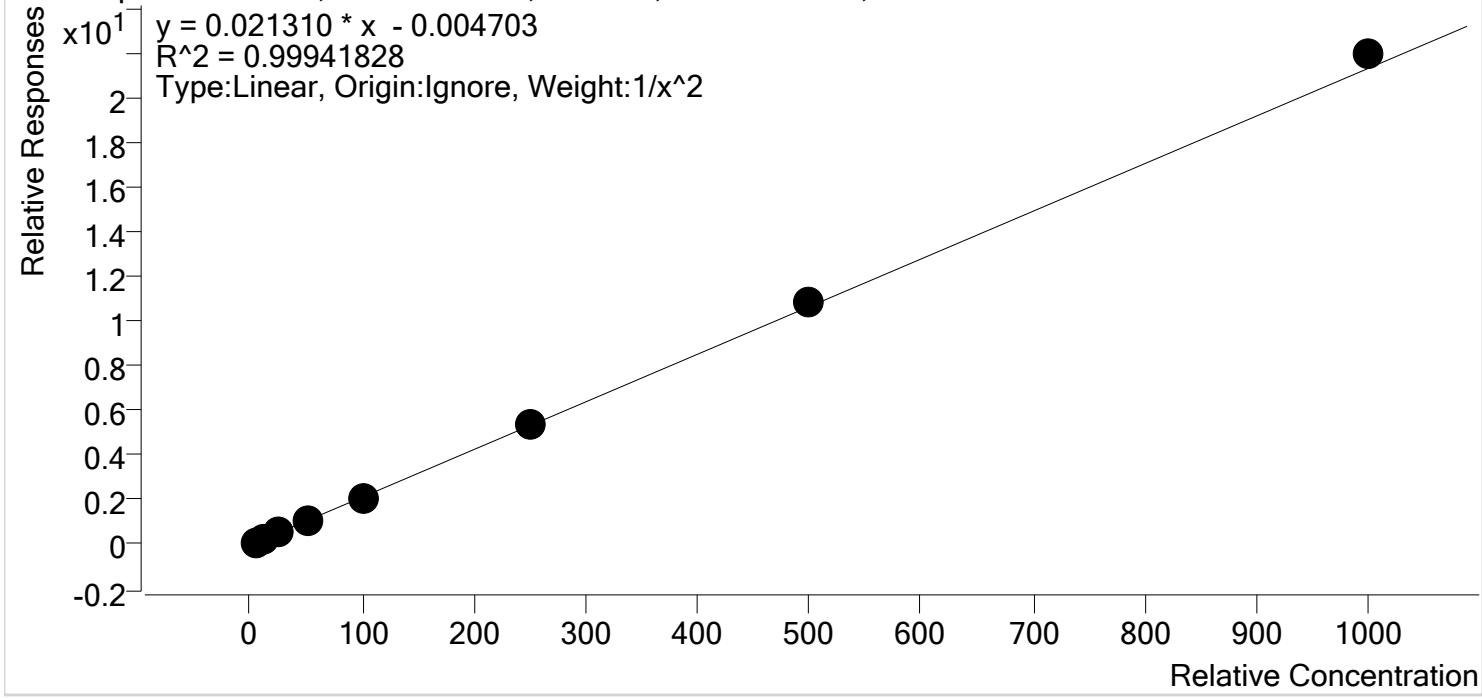
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

Temazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



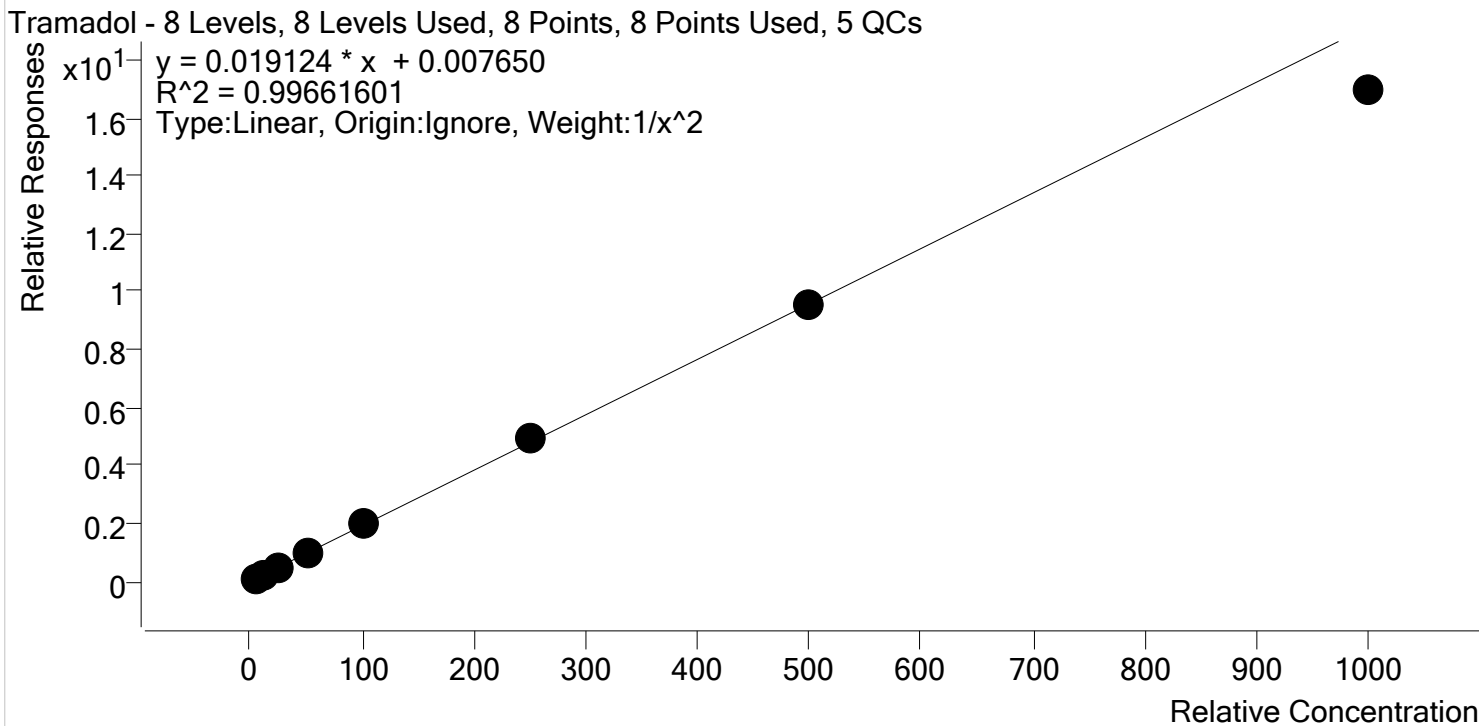
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	511.3	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1029.7	103.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



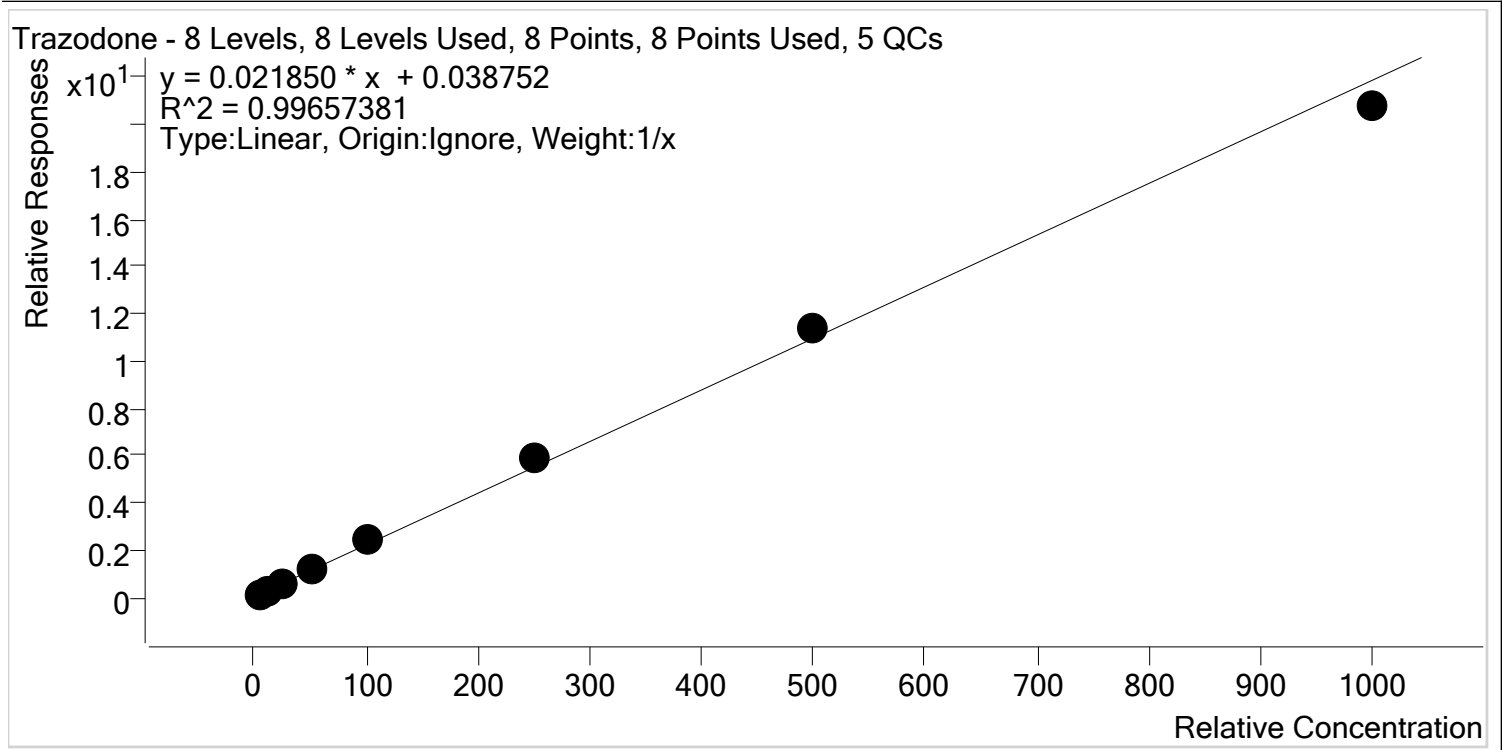
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	260.4	104.2
p1 Cal 7-500ng	7	✓	500.0	499.4	99.9
p1 Cal 8-1000ng	8	✓	1000.0	885.5	88.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



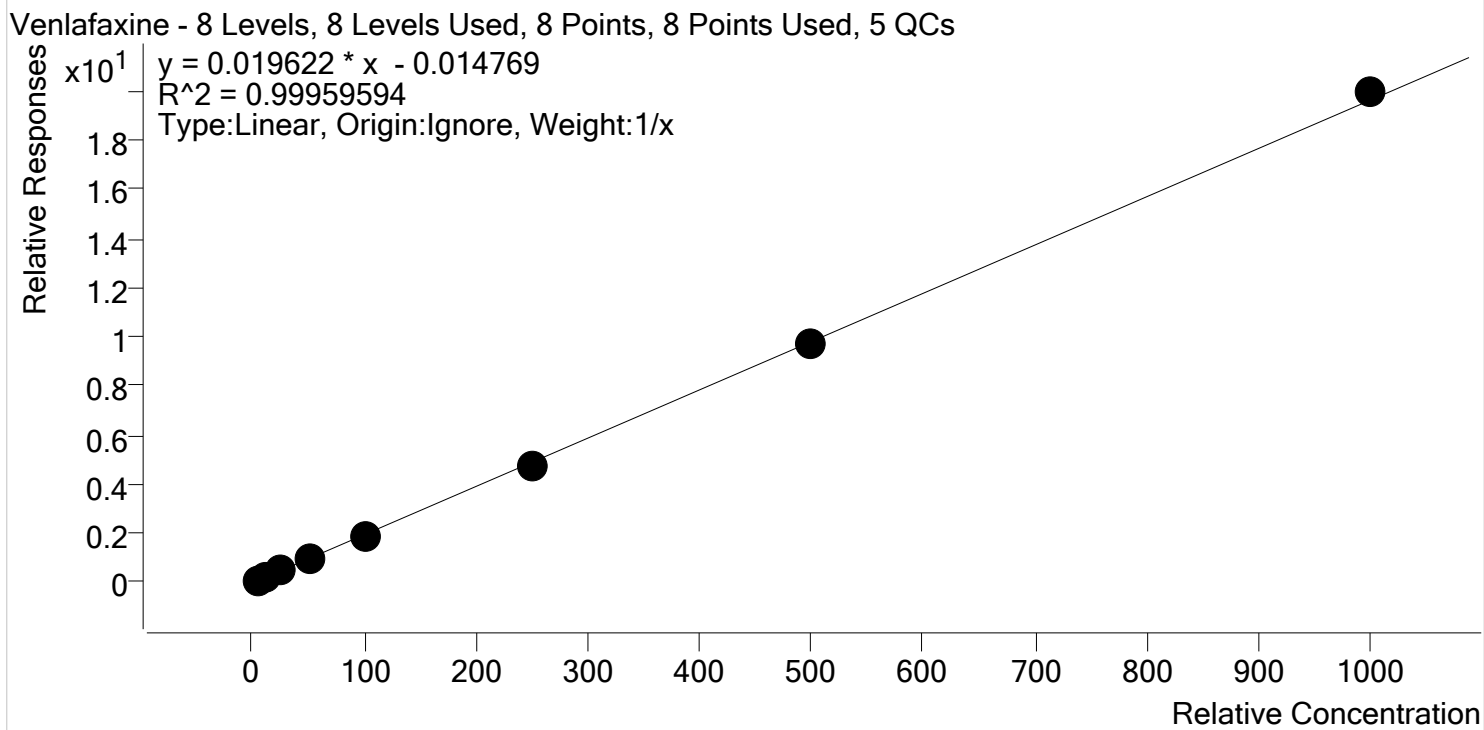
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.0	79.6
p1 Cal 2- 10ng	2	✓	10.0	9.4	94.2
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	54.8	109.7
p1 Cal 5-100ng	5	✓	100.0	108.8	108.8
p1 Cal 6-250ng	6	✓	250.0	267.8	107.1
p1 Cal 7-500ng	7	✓	500.0	520.0	104.0
p1 Cal 8-1000ng	8	✓	1000.0	949.7	95.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



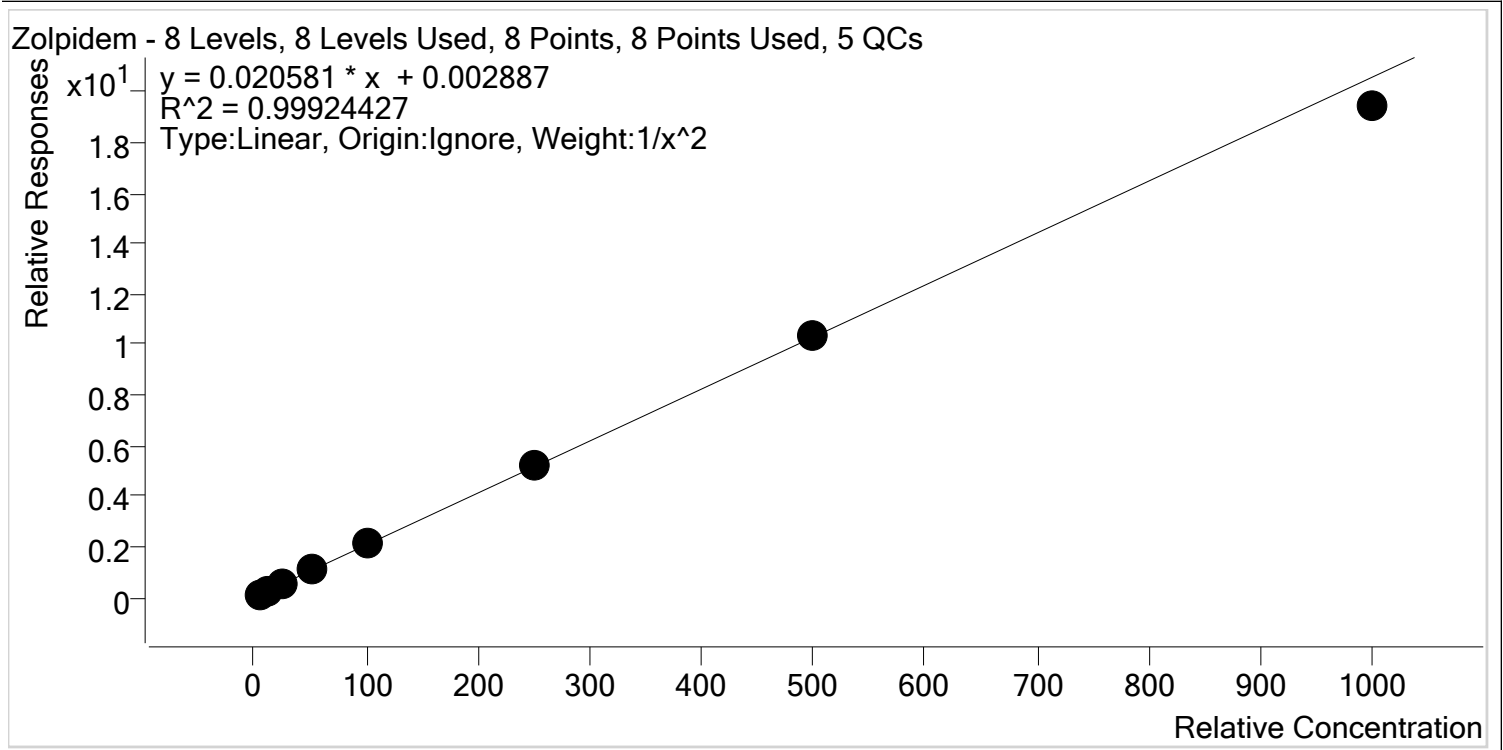
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	108.6
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✓	1000.0	1016.5	101.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 9/1/2020 10:14 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	501.6	100.3
p1 Cal 8-1000ng	8	✓	1000.0	944.1	94.4

AM #28 Multi-Drug Quant. Results

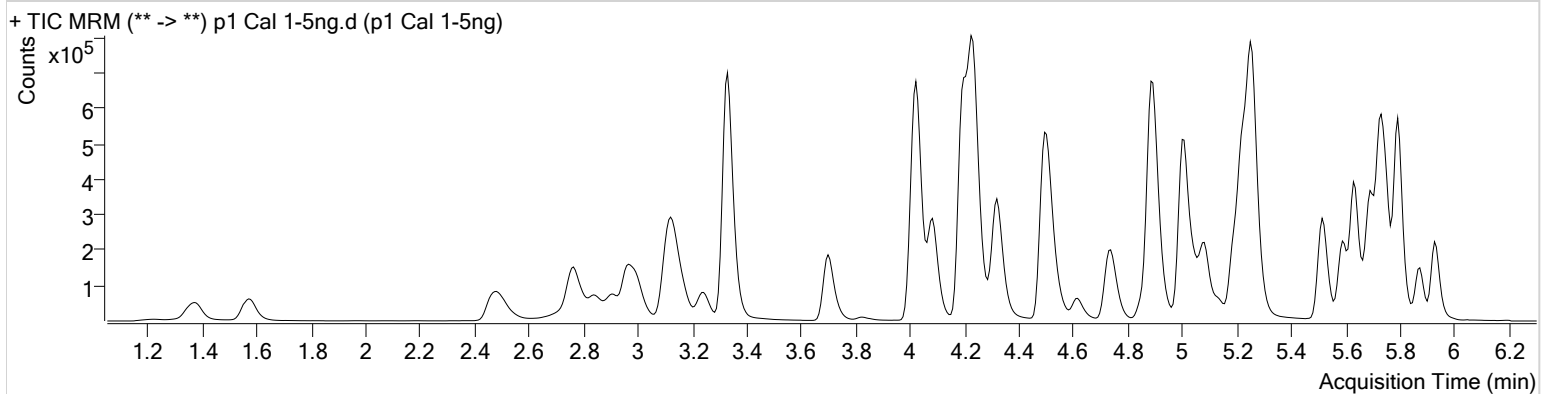
TS



Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-A1	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 7:58:19 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.105	1933	5943.18	70.3	2154.44	74271	0.5041 ng/ml
7-aminoclonazepam	4.243	39696	89.82	82.2	59942.83	294997	5.0370 ng/ml
a-hydroxyalprazolam	5.674	16327	298.45	60.1	743.44	76662	4.8791 ng/ml
alpha-PHP	4.895	21688	1071.13	268.9	5235.51	796841	4.7484 ng/ml
alpha-PVP	4.329	95835	553.56	50.3	240.64	796841	5.4232 ng/ml
Alprazolam	5.751	59203	583.08	102.4	∞	333430	5.2904 ng/ml
Amphetamine	2.997	117983	2280.50	52.7	1007.38	218577	4.8117 ng/ml
Benzoylcegonine	3.851	3458	547.27	7.9	214.26	21173	5.0779 ng/ml
Buprenorphine	5.721	2022	38.51	15.9	6.09 Low	182507	0.4870 ng/ml
Bupropion	4.753	80266	656.69	59.8	2264.06	508018	4.9928 ng/ml
Carisoprodol	5.707	39314	∞	53.4	300.41	374687	4.9022 ng/ml
Citalopram	5.190	57401	1453.56	42.6	188.71	510923	5.1256 ng/ml
Clonazepam	5.588	80461	2703.01	32.6	∞	179861	4.7980 ng/ml
Cocaine	4.229	97496	181377.75	43.7	1254.77	1351999	5.4664 ng/ml
Codeine	2.543	9739	∞	106.5	498.95	88183	5.0976 ng/ml
Cyclobenzaprine	5.605	23920	487.45	9.4	33.41	189141	5.0047 ng/ml
Dextromethorphan	5.233	25553	696.29	81.5	53.77	250005	4.9903 ng/ml
Dextrophan	4.084	24453	1030.09	216.8	4520.09	621435	5.1163 ng/ml
Diazepam	5.936	43177	770.55	88.5	6150.85	399310	5.0382 ng/ml
Dihydrocodeine	2.508	24740	2726.36	65.8	257.99	262410	4.8992 ng/ml
Diphenhydramine	5.260	105328	4712.28	32.9	1168.48	1566016	5.4977 ng/ml
Doxylamine	4.514	184329	∞	98.6	∞	1479588	4.9836 ng/ml
EDDP	5.225	83892	581.03	43.8	1084.24	871003	5.0847 ng/ml
Fentanyl	5.066	2725	80.37	76.6	2853.42	246546	0.5139 ng/ml
Fluoxetine	5.690	19154	∞	9.0	1596.04	156095	4.9276 ng/ml
Hydrocodone	2.993	33620	141.49	38.6	56.94	415212	4.8856 ng/ml
Hydromorphone	1.587	29482	124.31	78.1	287.98	185872	4.9506 ng/ml
Ketamine	4.030	77614	1610.26	38.4	431.29	643001	4.9221 ng/ml
Lamotrigine	4.259	7049	991.91	81.9	4639.17	643001	4.8395 ng/ml
Lorazepam	5.729	67380	316.56	54.9	403.91	179861	4.2956 ng/ml
MDA	3.150	89293	1772.35	18.3	114.90	353992	4.7921 ng/ml
MDMA	3.251	67177	136831.10	62.1	1978.92	123212	4.9647 ng/ml
Meprobamate	4.876	16134	1216.49	26.8	274.18	163510	4.9810 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	78531	1980.18	51.2	3878.85	728686	5.0714 ng/ml
Methamphetamine	3.178	65376	471.42	41.0	365.43	589720	4.8108 ng/ml
Metoprolol	4.292	15596	4424.71	94.3	846.18	1651566	4.9083 ng/ml
Mirtazapine	4.616	103627	18863.28	49.1	3260.92	796841	5.1636 ng/ml
Mitragynine	5.194	17636	2847.26	38.5	11211.47	728686	4.7769 ng/ml
Morphine	1.226	4808	115.69	21.7	∞	10556	4.9489 ng/ml
Norbuprenorphine	4.950	249	12.98	88.9	15.58	18823	0.2733 ng/ml
Nordiazepam	5.876	41101	1202.73	56.0	298.14	259691	4.9632 ng/ml
Norfentanyl	4.051	13745	341.68	39.4	198.92	1226912	0.5089 ng/ml
Norhydrocodone	3.027	3510	248.98	43.6	59.29	73687	5.2637 ng/ml
Noroxycodone	2.864	29546	855.36	49.4	15.04	198323	5.0299 ng/ml
O-desmethyl-tramadol	3.337	165436	1396.05	5.9	644.73	1765166	5.0604 ng/ml
Oxazepam	5.732	71260	578.27	70.4	135.32	837007	4.8996 ng/ml
Oxycodone	2.789	65139	1813.37	31.1	533.18	564491	4.9195 ng/ml
Oxymorphone	1.376	28587	323.62	47.3	335.42	194972	4.9512 ng/ml
Phentermine	3.736	20363	∞	3.0	20.86	527892	4.9107 ng/ml
Promethazine	5.515	51841	830.05	29.6	462.54	442482	5.3381 ng/ml
Quetiapine	5.525	60298	∞	58.0	140255.22	151938	4.8971 ng/ml
Sertraline	5.758	9020	220.44	90.6	19715.59	73181	5.1307 ng/ml
Temazepam	5.799	111605	2801.68	30.8	243.25	1080502	5.0678 ng/ml
Tramadol	4.211	166926	783.86	3.5	75.11	1651566	4.8851 ng/ml
Trazodone	5.134	64368	∞	76.8	∞	512164	3.9783 ng/ml
Venlafaxine	5.008	118508	705.34	38.1	81.59	1290555	5.4324 ng/ml
Zolpidem	4.906	177487	∞	31.9	∞	1686651	4.9728 ng/ml

AM #28 Multi-Drug Quant. Results

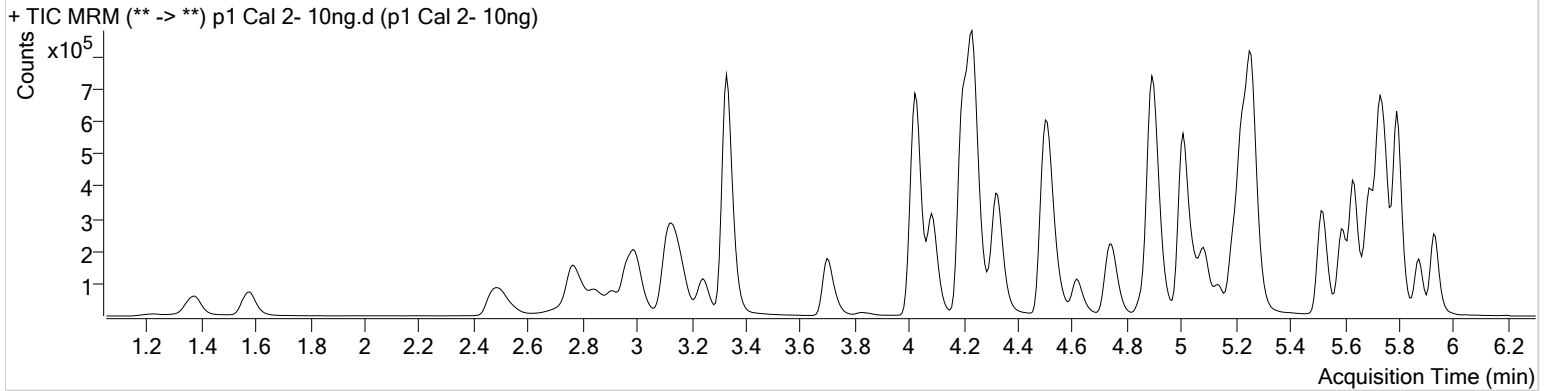
TS



Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 Cal 2- 10ng.d
Type	Cal	Sample	p1 Cal 2- 10ng
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-B1	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 8:08:53 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.112	3482	445.20	66.7	117.10	73178	0.9801 ng/ml
7-aminoclonazepam	4.243	77841	3299.19	81.4	22225.16	286113	9.9407 ng/ml
a-hydroxyalprazolam	5.674	32224	658.64	60.5	824.30	75273	10.1754 ng/ml
alpha-PHP	4.902	42551	539.02	262.0	22546.15	772851	10.5118 ng/ml
alpha-PVP	4.336	182912	3999.40	50.8	26141.06	772851	10.1962 ng/ml
Alprazolam	5.751	112820	768.09	106.3	944.17	325145	9.9508 ng/ml
Amphetamine	2.997	220028	5176.65	51.9	∞	206057	10.4255 ng/ml
Benzoylcegonine	3.851	6207	15985.46	7.8	77.12	19958	10.0517 ng/ml
Buprenorphine	5.721	4044	∞	15.9	32.49	169643	1.0452 ng/ml
Bupropion	4.753	151603	867.33	60.4	403.71	486270	9.9503 ng/ml
Carisoprodol	5.707	76436	∞	54.3	1443.68	362446	10.1813 ng/ml
Citalopram	5.196	107621	491.59	42.1	∞	482691	10.0110 ng/ml
Clonazepam	5.588	157941	3103.40	31.3	10598.51	174567	10.4764 ng/ml
Cocaine	4.236	186104	3704.69	44.9	752.16	1315699	10.1898 ng/ml
Codeine	2.550	18929	∞	104.9	773.01	86885	9.8025 ng/ml
Cyclobenzaprine	5.605	45277	216729.83	9.9	98.74	176267	10.1001 ng/ml
Dextromethorphan	5.233	47521	1884.83	79.6	1880.25	226462	10.0345 ng/ml
Dextrophan	4.090	48351	1189.60	210.8	812.33	608430	10.1551 ng/ml
Diazepam	5.936	83337	724.93	87.0	1256.46	403524	9.8199 ng/ml
Dihydrocodeine	2.508	48055	3044.69	65.0	18174.66	256010	10.1198 ng/ml
Diphenhydramine	5.260	196339	409.03	33.2	1486.31	1464529	10.2641 ng/ml
Doxylamine	4.514	358680	36765.14	97.6	357856.10	1473338	9.9621 ng/ml
EDDP	5.225	169800	403.01	43.8	∞	917648	9.7447 ng/ml
Fentanyl	5.066	4721	263.77	68.1	4712.22	227996	0.9538 ng/ml
Fluoxetine	5.690	37872	1755.29	8.9	∞	151106	10.2334 ng/ml
Hydrocodone	2.993	65158	2631.86	38.4	77.23	415180	9.9206 ng/ml
Hydromorphone	1.587	57712	217.25	76.5	∞	182665	10.0175 ng/ml
Ketamine	4.030	145390	2467.91	39.5	623.50	621462	10.1229 ng/ml
Lamotrigine	4.259	13499	1148.63	81.3	13698.63	621462	10.4010 ng/ml
Lorazepam	5.729	130894	631.13	54.2	334.82	174567	10.3828 ng/ml
MDA	3.150	172226	59832.87	18.6	333.57	342558	10.4116 ng/ml
MDMA	3.251	130915	54669.91	60.7	2684.75	118273	10.1448 ng/ml
Meprobamate	4.882	28843	6122.97	27.5	748.86	159046	9.7863 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	145434	2136.92	51.7	577.40	681236	9.9058 ng/ml
Methamphetamine	3.178	115455	769.36	41.6	1100.44	539286	10.2595 ng/ml
Metoprolol	4.292	29838	∞	98.1	1337.59	1609441	10.1763 ng/ml
Mirtazapine	4.616	194987	11370.13	49.6	3315.13	772851	9.6857 ng/ml
Mitragynine	5.201	33322	49175.87	38.5	60570.14	681236	10.4020 ng/ml
Morphine	1.233	9026	343.73	22.7	1623.77	9991	10.0588 ng/ml
Norbuprenorphine	4.957	516	28.46	78.8	16.77	17487	0.9876 ng/ml
Nordiazepam	5.876	78993	12303.35	57.9	1422.00	251612	10.0993 ng/ml
Norfentanyl	4.051	26975	9146.13	38.6	303.93	1183168	0.9880 ng/ml
Norhydrocodone	3.027	7139	324.15	40.3	40.46	70433	9.7035 ng/ml
Noroxycodone	2.864	58523	739.57	47.6	610.45	195064	10.0136 ng/ml
O-desmethyl-tramadol	3.337	319463	2102.95	6.0	88.18	1718828	9.8977 ng/ml
Oxazepam	5.732	137288	2183.44	69.8	462.87	815489	10.1444 ng/ml
Oxycodone	2.796	127836	2620.91	31.8	622.95	550209	10.1011 ng/ml
Oxymorphone	1.376	54646	∞	46.5	∞	187746	10.2632 ng/ml
Phentermine	3.736	36929	∞	3.0	18.67	500959	10.0667 ng/ml
Promethazine	5.515	95900	465.58	30.8	189.78	418589	10.1225 ng/ml
Quetiapine	5.525	112627	231035.01	60.3	206.52	143794	10.1950 ng/ml
Sertraline	5.758	18154	338.00	91.0	60245.04	73713	10.1303 ng/ml
Temazepam	5.799	218924	1040.21	29.6	679.94	1064171	9.8747 ng/ml
Tramadol	4.211	328272	1285.31	3.4	316.55	1609441	10.2655 ng/ml
Trazodone	5.141	117331	35620.34	76.9	∞	479593	9.4232 ng/ml
Venlafaxine	5.008	235136	889.15	37.3	2538.96	1256427	10.2901 ng/ml
Zolpidem	4.912	346859	∞	31.1	8220.27	1658196	10.0235 ng/ml

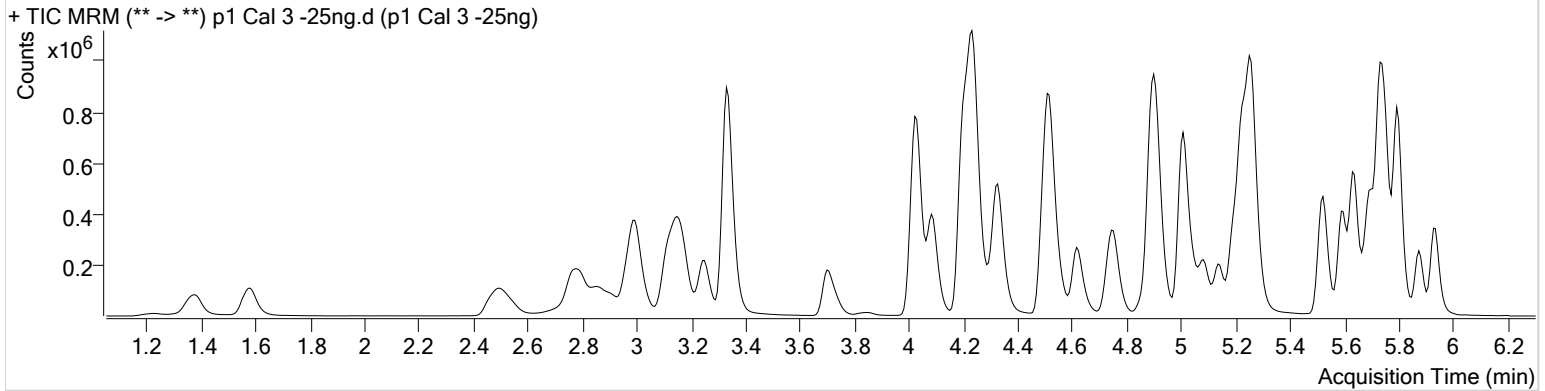
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-C1	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 8:19:27 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.112	8410	2130.66	69.9	850.00	72545	2.4892 ng/ml
7-aminoclonazepam	4.243	189202	307.99	81.7	9265.92	277453	24.5575 ng/ml
a-hydroxyalprazolam	5.674	78641	497.90	64.4	524.26	73443	25.9985 ng/ml
alpha-PHP	4.902	102285	22885.31	265.0	46585.44	765754	26.7667 ng/ml
alpha-PVP	4.336	441498	1384.28	50.5	878.21	765754	24.1325 ng/ml
Alprazolam	5.751	274280	3270.31	106.5	1617.06	319090	24.0501 ng/ml
Amphetamine	2.997	545831	7716.40	52.1	5100.67	211126	26.5592 ng/ml
Benzoylcegonine	3.851	14365	4005.47	8.0	105.52	20703	22.9446 ng/ml
Buprenorphine	5.721	9553	213.03	17.4	151.51	167123	2.5028 ng/ml
Bupropion	4.753	386952	88926.43	59.9	914.10	491140	25.2994 ng/ml
Carisoprodol	5.707	184736	∞	53.0	399.56	351706	25.8430 ng/ml
Citalopram	5.196	262578	2998.99	42.4	263283.01	470355	24.8198 ng/ml
Clonazepam	5.588	374911	13220.75	32.6	5540.90	173532	26.0653 ng/ml
Cocaine	4.236	448550	∞	44.6	42696.32	1279829	24.4292 ng/ml
Codeine	2.543	46860	560.64	105.2	15946.53	85679	24.2145 ng/ml
Cyclobenzaprine	5.605	104419	11614.66	9.6	133.25	166284	24.5999 ng/ml
Dextromethorphan	5.233	118405	9325.65	79.6	861.55	223548	25.0236 ng/ml
Dextrorphan	4.090	117424	998.13	211.4	2491.62	602394	24.6566 ng/ml
Diazepam	5.936	202485	918.93	87.5	1462.47	391839	24.8964 ng/ml
Dihydrocodeine	2.508	118378	777.02	63.4	5192.46	252531	25.8248 ng/ml
Diphenhydramine	5.260	477682	22819.77	33.3	636.50	1451184	24.1846 ng/ml
Doxylamine	4.514	874219	85501.58	98.0	∞	1428917	25.3905 ng/ml
EDDP	5.225	410667	13363.40	42.8	446.24	873353	24.7235 ng/ml
Fentanyl	5.066	11406	1212.04	69.3	22011.40	216527	2.4106 ng/ml
Fluoxetine	5.690	79249	909.03	9.0	815.94	129693	25.1822 ng/ml
Hydrocodone	2.993	160041	196.69	38.3	588.17	384555	27.1019 ng/ml
Hydromorphone	1.587	140458	506.01	77.2	226.88	175440	25.6262 ng/ml
Ketamine	4.030	349666	1638.55	40.6	469.72	616985	25.4065 ng/ml
Lamotrigine	4.259	32121	3143.28	85.2	30336.30	616985	26.0862 ng/ml
Lorazepam	5.729	307510	460.86	56.1	4118.25	173532	26.9680 ng/ml
MDA	3.150	413010	4064.89	19.0	970.99	338152	26.5310 ng/ml
MDMA	3.251	318803	24652.01	61.2	3962.49	118120	24.8278 ng/ml
Meprobamate	4.882	73609	457.68	25.9	889.03	158197	26.2897 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	355531	1573.75	51.4	675.50	677732	24.1328 ng/ml
Methamphetamine	3.178	304139	3324.85	42.8	1044.67	584738	26.4129 ng/ml
Metoprolol	4.292	71583	347627.43	96.3	∞	1569941	25.8459 ng/ml
Mirtazapine	4.616	486105	10326.64	48.3	∞	765754	23.8352 ng/ml
Mitragynine	5.201	82365	10564.51	37.8	25890.06	677732	26.9315 ng/ml
Morphine	1.233	21669	11460.39	22.8	364.53	9593	25.5188 ng/ml
Norbuprenorphine	4.964	1086	183.43	81.2	174.98	17608	2.4017 ng/ml
Nordiazepam	5.876	191057	2331.81	58.9	2478.63	252237	24.7312 ng/ml
Norfentanyl	4.051	66894	2106.32	37.2	217.92	1173301	2.4018 ng/ml
Norhydrocodone	3.027	17335	228.17	42.1	145.01	69282	22.0058 ng/ml
Noroxycodone	2.864	141356	2068.58	48.2	641.41	189717	24.6989 ng/ml
O-desmethyl-tramadol	3.337	773147	∞	6.1	3298.14	1688632	24.1775 ng/ml
Oxazepam	5.732	325030	7511.49	73.9	902.17	788251	25.5226 ng/ml
Oxycodone	2.796	317948	51929.01	30.8	1375.62	546155	25.6007 ng/ml
Oxymorphone	1.376	127734	∞	48.4	522.53	190013	24.2819 ng/ml
Phentermine	3.736	93619	1493.75	3.0	∞	505822	26.4063 ng/ml
Promethazine	5.515	215726	3156.25	30.6	988.20	380725	24.5479 ng/ml
Quetiapine	5.525	277993	10251.23	58.9	352453.46	144832	25.7734 ng/ml
Sertraline	5.758	35297	796.10	91.3	540.54	58936	24.4616 ng/ml
Temazepam	5.799	542172	2322.94	29.4	841.34	1055817	24.3183 ng/ml
Tramadol	4.211	785528	29294.68	3.4	273.99	1569941	25.7639 ng/ml
Trazodone	5.141	288079	1732.91	78.7	∞	485082	25.4064 ng/ml
Venlafaxine	5.008	569421	1500.88	36.3	995.06	1236451	24.2224 ng/ml
Zolpidem	4.912	839316	73628.67	30.4	105696.33	1603801	25.2878 ng/ml

TS

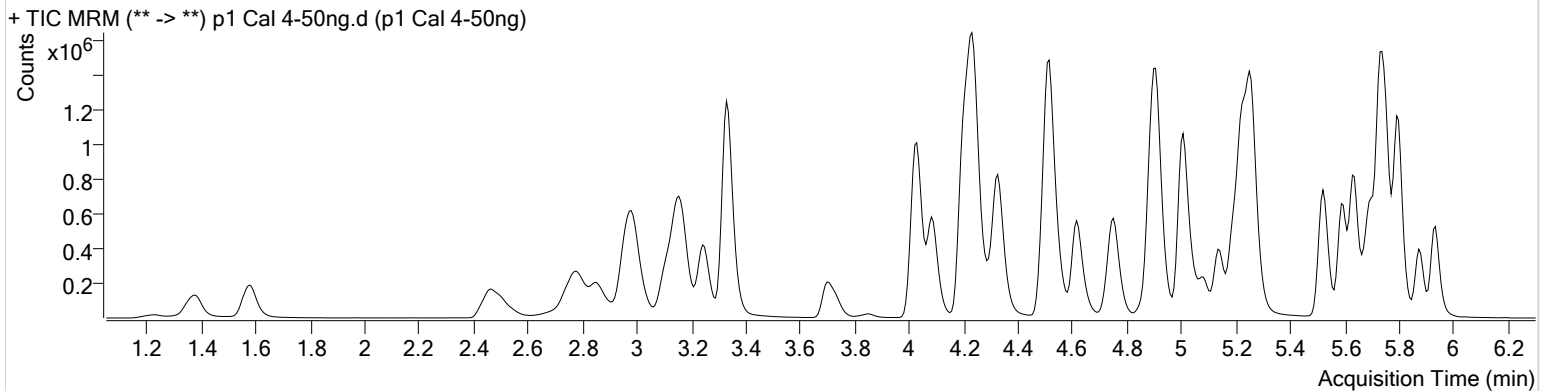


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-D1	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 8:30:00 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.105	16996	3677.71	70.5	5154.36	73854	5.0111 ng/ml
7-aminoclonazepam	4.243	383092	9592.37	82.5	16819.63	275475	49.8331 ng/ml
a-hydroxyalprazolam	5.674	163935	∞	61.2	1109.87	75485	53.1051 ng/ml
alpha-PHP	4.902	220303	3586.74	264.6	5545.78	817835	54.8806 ng/ml
alpha-PVP	4.329	970325	1166.73	50.5	949.20	817835	49.1409 ng/ml
Alprazolam	5.751	559319	1374.33	105.8	2687.73	313930	49.4134 ng/ml
Amphetamine	2.977	1235762	10335.76	52.5	7518.54	241672	53.4365 ng/ml
Benzoylcegonine	3.851	32700	2604.03	7.7	648.11	22142	49.3147 ng/ml
Buprenorphine	5.721	19125	717.83	16.4	169.77	162844	5.1394 ng/ml
Bupropion	4.753	812730	19467.35	60.8	10451.23	514910	50.7858 ng/ml
Carisoprodol	5.707	373147	∞	53.5	8532.28	357246	51.7121 ng/ml
Citalopram	5.196	532852	873.90	42.6	398.94	475397	49.6681 ng/ml
Clonazepam	5.588	753792	33386.70	33.0	248451.69	174630	52.8311 ng/ml
Cocaine	4.236	948622	375322.83	44.3	29526.43	1331200	49.0983 ng/ml
Codeine	2.496	97065	917.83	105.9	4194.92	87500	48.8461 ng/ml
Cyclobenzaprine	5.605	191421	594.37	10.1	108.45	151819	49.3295 ng/ml
Dextromethorphan	5.233	238084	5641.83	78.8	9951.88	221937	50.4762 ng/ml
Dextrorphan	4.090	250102	1616.22	212.0	8230.66	630576	49.9889 ng/ml
Diazepam	5.936	416453	1194.79	87.2	6467.57	396052	50.8841 ng/ml
Dihydrocodeine	2.461	249994	1297.87	64.4	2210.17	262433	52.8606 ng/ml
Diphenhydramine	5.260	999201	34211.31	32.8	348.65	1483618	48.7515 ng/ml
Doxylamine	4.514	1816959	213257.02	99.5	46510.23	1510088	50.1611 ng/ml
EDDP	5.225	873720	1445.44	42.9	1220.37	930753	49.3312 ng/ml
Fentanyl	5.066	22774	908.87	65.5	25198.82	203015	5.1222 ng/ml
Fluoxetine	5.690	130256	548476.66	8.8	∞	106046	50.7834 ng/ml
Hydrocodone	2.986	332301	304.15	38.5	200.05	400030	54.5753 ng/ml
Hydromorphone	1.581	300205	∞	76.8	1475.27	185652	51.9193 ng/ml
Ketamine	4.030	745441	3124.96	39.9	235.64	642626	52.6526 ng/ml
Lamotrigine	4.259	66589	24560.35	79.9	6935.10	642626	52.7412 ng/ml
Lorazepam	5.729	600789	880.14	56.7	3154.55	174630	54.0348 ng/ml
MDA	3.150	851482	11676.27	18.9	2423.17	345704	54.3832 ng/ml
MDMA	3.244	685176	90514.79	61.2	6330.81	124990	50.4932 ng/ml
Meprobamate	4.882	147430	576.38	26.6	353.90	161341	52.3556 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	721853	3842.25	51.2	1481.71	673189	49.1795 ng/ml
Methamphetamine	3.171	762614	1982.46	41.8	2158.76	710847	55.5853 ng/ml
Metoprolol	4.292	150777	402550.39	98.2	∞	1684342	51.2821 ng/ml
Mirtazapine	4.616	1027855	94738.01	48.7	5944.97	817835	46.8436 ng/ml
Mitragynine	5.201	162348	∞	38.7	5151.65	673189	54.1632 ng/ml
Morphine	1.233	46759	506.57	22.9	397.45	10250	51.7883 ng/ml
Norbuprenorphine	4.957	2223	28.70	78.7	330.12	16969	5.4450 ng/ml
Nordiazepam	5.876	395452	∞	57.4	∞	252789	51.3522 ng/ml
Norfentanyl	4.051	143174	1096.66	38.1	1135.88	1226307	4.8702 ng/ml
Norhydrocodone	3.027	35478	143.84	42.3	242.90	69228	43.6819 ng/ml
Noroxycodone	2.858	284968	1082.66	48.2	1941.14	193579	48.6870 ng/ml
O-desmethyl-tramadol	3.337	1661027	1695.87	6.0	643.34	1761177	49.6549 ng/ml
Oxazepam	5.732	657459	9755.59	71.3	2830.28	771500	53.2446 ng/ml
Oxycodone	2.782	666859	2278.08	30.5	33696.95	560265	52.5443 ng/ml
Oxymorphone	1.376	265148	∞	48.5	∞	192125	50.3145 ng/ml
Phentermine	3.736	200306	3314.15	3.1	287.75	570213	50.7907 ng/ml
Promethazine	5.515	396309	1028.96	30.6	2405.73	344584	49.4860 ng/ml
Quetiapine	5.525	581487	364.62	59.5	520193.35	153023	51.5590 ng/ml
Sertraline	5.758	57474	533.14	89.3	81985.43	46409	50.4527 ng/ml
Temazepam	5.799	1112986	1838.18	30.2	4831.84	1064446	49.2879 ng/ml
Tramadol	4.211	1667016	2366.05	3.3	1234.48	1684342	51.3528 ng/ml
Trazodone	5.134	600830	3095.23	76.9	∞	485780	54.8326 ng/ml
Venlafaxine	5.008	1223828	1120.25	36.9	13107.83	1305651	48.5216 ng/ml
Zolpidem	4.912	1719208	133358.97	31.3	56780.83	1647616	50.5600 ng/ml

TS

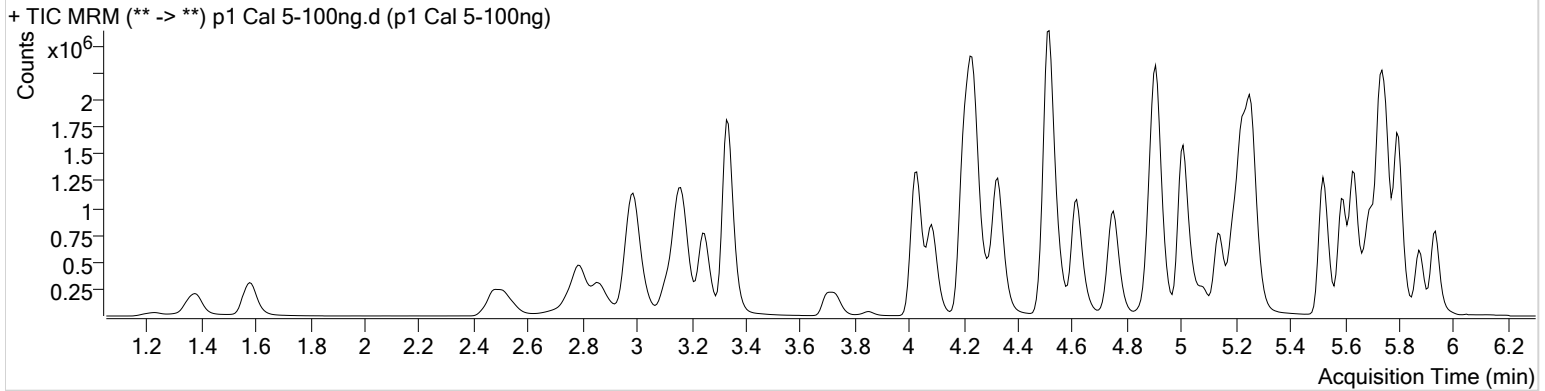


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-E1	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 8:40:36 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.105	35080	26252.03	71.2	1153.77	73351	10.4894 ng/ml
7-aminoclonazepam	4.243	705511	26559.80	82.8	55196.09	256715	98.2479 ng/ml
a-hydroxyalprazolam	5.674	286843	2721.49	61.2	1500.99	67471	104.3062 ng/ml
alpha-PHP	4.895	392439	8063.73	262.3	∞	776187	103.7849 ng/ml
alpha-PVP	4.329	1809074	90280.17	50.3	15904.63	776187	96.0602 ng/ml
Alprazolam	5.751	1010930	5298.09	105.6	4501.30	281744	99.1021 ng/ml
Amphetamine	2.983	2208857	38796.15	52.0	20875.14	234556	99.1924 ng/ml
Benzoylcegonine	3.851	63553	204985.88	8.1	1279.08	22043	96.6757 ng/ml
Buprenorphine	5.721	36288	644.49	15.6	771.93	156275	10.1595 ng/ml
Bupropion	4.753	1545749	1667.65	60.0	1575.23	497402	100.0883 ng/ml
Carisoprodol	5.707	661016	39397.07	54.0	730.91	322957	101.6441 ng/ml
Citalopram	5.196	1011072	898.65	42.7	10159.47	450841	99.2131 ng/ml
Clonazepam	5.588	1369735	6678.37	33.2	5160.50	159533	105.8329 ng/ml
Cocaine	4.229	1773342	180598.59	44.7	∞	1264919	96.0573 ng/ml
Codeine	2.536	186795	437.16	104.4	647.84	85251	96.2273 ng/ml
Cyclobenzaprine	5.605	399566	641208.83	9.8	429.96	161487	96.7439 ng/ml
Dextromethorphan	5.233	450860	630.44	80.2	338.60	215468	98.2670 ng/ml
Dextrorphan	4.084	473386	∞	211.5	26251.18	600096	99.2511 ng/ml
Diazepam	5.936	727337	1100.78	86.5	668.44	351665	100.2958 ng/ml
Dihydrocodeine	2.481	484673	2138.34	65.1	707.34	259734	103.9012 ng/ml
Diphenhydramine	5.260	1926823	765.14	32.9	771.75	1450315	95.4895 ng/ml
Doxylamine	4.514	3686668	∞	97.8	160809.05	1501716	102.5897 ng/ml
EDDP	5.225	1616671	1242.92	42.5	75313.86	863814	98.3269 ng/ml
Fentanyl	5.066	47618	263.46	64.7	48809.58	218276	9.9516 ng/ml
Fluoxetine	5.690	272857	7251.03	8.8	∞	111418	101.4108 ng/ml
Hydrocodone	2.993	587903	339.28	39.5	∞	373166	103.9357 ng/ml
Hydromorphone	1.581	560567	3592.08	76.5	470.32	176861	101.9183 ng/ml
Ketamine	4.030	1426192	3023.09	39.9	10938.15	637941	102.0520 ng/ml
Lamotrigine	4.259	124398	8021.87	80.7	59245.94	637941	99.9821 ng/ml
Lorazepam	5.729	944962	∞	57.6	∞	159533	94.3188 ng/ml
MDA	3.150	1527101	7989.26	18.6	2346.03	324869	104.5764 ng/ml
MDMA	3.251	1307736	∞	61.3	65263.41	119609	100.7711 ng/ml
Meprobamate	4.876	271505	30901.39	25.8	3999.06	151918	103.1184 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	1444114	169776.99	50.4	913.73	680593	97.1764 ng/ml
Methamphetamine	3.178	1421519	2108.08	42.6	1799.69	698728	106.3413 ng/ml
Metoprolol	4.292	286785	∞	96.6	∞	1629149	101.3870 ng/ml
Mirtazapine	4.616	2007728	133751.86	48.8	35370.56	776187	96.0366 ng/ml
Mitragynine	5.194	310066	25860.28	38.4	10260.28	680593	102.9712 ng/ml
Morphine	1.226	89324	649.43	22.4	778.12	10163	100.0116 ng/ml
Norbuprenorphine	4.957	3995	342.39	75.8	∞	16997	10.0114 ng/ml
Nordiazepam	5.876	693998	∞	58.2	1526.79	220043	103.7948 ng/ml
Norfentanyl	4.051	269775	4421.50	37.2	1565.92	1158948	9.6642 ng/ml
Norhydrocodone	3.028	65045	357.23	41.6	487.08	58631	93.0168 ng/ml
Noroxycodone	2.858	537677	1496.86	48.3	1049.19	184375	96.3365 ng/ml
O-desmethyl-tramadol	3.337	3227227	117496.64	6.1	22553.18	1711257	99.1496 ng/ml
Oxazepam	5.732	1120218	∞	71.6	∞	668680	105.1217 ng/ml
Oxycodone	2.789	1298219	3119.03	30.5	3240.43	555656	103.3262 ng/ml
Oxymorphone	1.376	509470	644.30	48.4	∞	181585	102.7444 ng/ml
Phentermine	3.736	404644	∞	2.9	∞	557968	105.6528 ng/ml
Promethazine	5.515	802867	1213.43	30.8	4205.03	355597	96.8281 ng/ml
Quetiapine	5.525	1119739	2319857.73	59.2	∞	147306	103.6824 ng/ml
Sertraline	5.758	115360	210.45	91.3	11949.02	47074	99.7181 ng/ml
Temazepam	5.799	2030597	811.21	29.9	454.65	973072	98.1481 ng/ml
Tramadol	4.205	3168420	128661.74	3.4	2843.06	1629149	101.2966 ng/ml
Trazodone	5.134	1194015	1429.06	77.6	5768.38	494155	108.8121 ng/ml
Venlafaxine	5.008	2341289	26187.75	36.6	2958.51	1250724	96.1520 ng/ml
Zolpidem	4.912	3336373	510660.15	30.5	48790.96	1596014	101.4322 ng/ml

TS

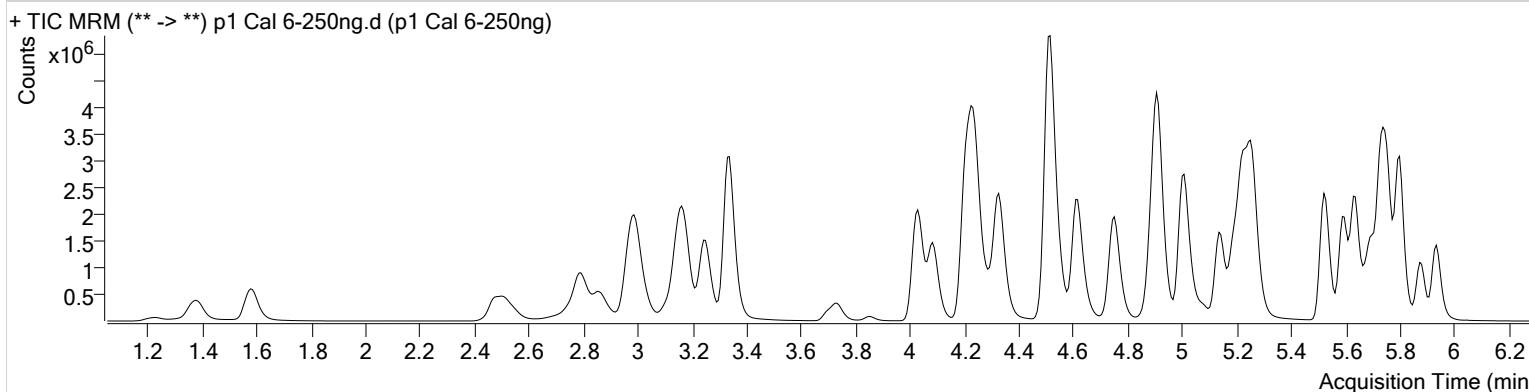


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-F1	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 8:51:10 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.105	74810	2262.23	72.8	1915.25	65201	25.2642 ng/ml
7-aminoclonazepam	4.243	1283490	∞	83.2	31598.85	182119	251.5744 ng/ml
a-hydroxyalprazolam	5.674	591642	3648.66	62.6	3936.71	58126	250.2361 ng/ml
alpha-PHP	4.895	819003	145577.61	263.2	30860.50	659444	256.2299 ng/ml
alpha-PVP	4.329	3909661	2377.24	49.5	13190.50	659444	243.5922 ng/ml
Alprazolam	5.751	2011512	2946.36	107.7	3106.45	221198	250.5407 ng/ml
Amphetamine	2.983	4183310	55719.90	51.7	75725.60	203130	218.0224 ng/ml
Benzoylcegonine	3.851	144893	1099.91	7.5	∞	19067	255.4999 ng/ml
Buprenorphine	5.721	74096	1644.71	16.1	590.28	129096	25.1083 ng/ml
Bupropion	4.753	3356679	2781.31	60.0	1648.99	430922	251.0305 ng/ml
Carisoprodol	5.707	1291153	∞	54.1	882.73	256641	250.3163 ng/ml
Citalopram	5.190	2062795	5308.72	42.1	49669.54	364742	249.9467 ng/ml
Clonazepam	5.588	2800447	98155.89	32.6	186653.67	133585	259.4954 ng/ml
Cocaine	4.229	3610493	60260.30	44.5	93154.67	1015275	242.8083 ng/ml
Codeine	2.536	398147	1464.04	101.8	12892.96	68644	254.2977 ng/ml
Cyclobenzaprine	5.605	758187	∞	9.7	1374.87	118867	249.2948 ng/ml
Dextromethorphan	5.233	868390	1700.67	79.7	∞	163636	248.9134 ng/ml
Dextrophan	4.084	995498	66146.39	215.4	23067.13	506885	246.8398 ng/ml
Diazepam	5.936	1575636	5834.37	86.8	9729.06	299315	255.6071 ng/ml
Dihydrocodeine	2.475	1050380	20497.01	63.3	10773.70	224271	261.3376 ng/ml
Diphenhydramine	5.260	4012533	68108.13	32.5	865.75	1181776	242.9521 ng/ml
Doxylamine	4.514	8058453	243674.36	97.7	118014.84	1304265	258.5478 ng/ml
EDDP	5.225	3428434	54301.45	42.1	626.46	725456	248.2486 ng/ml
Fentanyl	5.060	94900	4279.79	65.2	51395.47	172910	25.0210 ng/ml
Fluoxetine	5.690	431408	1061.78	8.6	15180.34	74748	239.2162 ng/ml
Hydrocodone	2.993	1184985	∞	38.4	766.80	312536	250.8117 ng/ml
Hydromorphone	1.581	1154972	∞	76.9	∞	151568	245.2528 ng/ml
Ketamine	4.030	3028669	53307.65	39.8	1860.64	539306	257.2939 ng/ml
Lamotrigine	4.259	233991	135829.51	80.6	71880.87	539306	223.4745 ng/ml
Lorazepam	5.729	1565983	3400.64	56.7	7169.76	133585	188.4099 ng/ml
MDA	3.150	2740800	59899.22	18.6	11479.83	254102	241.0838 ng/ml
MDMA	3.251	2703442	31322.76	61.3	28478.72	100362	248.3648 ng/ml
Meprobamate	4.876	488559	25710.96	25.8	1222.93	126439	223.8235 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	2968968	37271.26	50.9	10258.29	547868	247.9634 ng/ml
Methamphetamine	3.171	3009427	6860.33	42.0	1534.72	607258	260.5350 ng/ml
Metoprolol	4.292	586213	∞	94.4	∞	1326065	255.4583 ng/ml
Mirtazapine	4.616	4329118	169659.94	48.0	14141.96	659444	243.1929 ng/ml
Mitragynine	5.194	617973	48995.88	38.7	330484.56	547868	256.0240 ng/ml
Morphine	1.226	186282	2807.11	22.8	2073.49	8562	247.9219 ng/ml
Norbuprenorphine	4.957	8267	246.78	85.9	814.90	14714	24.3559 ng/ml
Nordiazepam	5.876	1468966	3849.62	58.5	19997.40	189712	255.2006 ng/ml
Norfentanyl	4.051	556938	2206.83	37.3	3608.52	940559	24.5128 ng/ml
Norhydrocodone	3.027	124406	532.05	43.0	884.24	42023	245.9992 ng/ml
Noroxycodone	2.858	1078072	1384.70	46.9	9375.63	145952	243.8356 ng/ml
O-desmethyl-tramadol	3.337	6998565	128326.80	5.8	2806.89	1436937	255.8421 ng/ml
Oxazepam	5.732	2018849	∞	71.0	6060.51	488781	259.8610 ng/ml
Oxycodone	2.789	2767843	11255.34	30.9	7513.79	483068	253.6778 ng/ml
Oxymorphone	1.376	1039599	5321.47	46.7	∞	148894	256.3445 ng/ml
Phentermine	3.736	817625	133315.56	2.8	1076.51	476624	250.9393 ng/ml
Promethazine	5.515	1526858	3294.07	30.3	16719.02	267504	244.2795 ng/ml
Quetiapine	5.525	2391833	134459.67	60.8	287398.55	128589	254.4953 ng/ml
Sertraline	5.758	156299	7637.53	93.6	341.29	26473	240.0754 ng/ml
Temazepam	5.799	4525033	4490.62	28.8	913.43	844503	251.6675 ng/ml
Tramadol	4.205	6613223	16452.11	3.3	1635.96	1326065	260.3793 ng/ml
Trazodone	5.134	2619572	∞	78.8	857.70	444709	267.8183 ng/ml
Venlafaxine	5.008	5014450	4281.13	36.1	1589.05	1047524	244.7084 ng/ml
Zolpidem	4.912	7016311	120471.52	30.2	167593.22	1337730	254.7061 ng/ml

TS

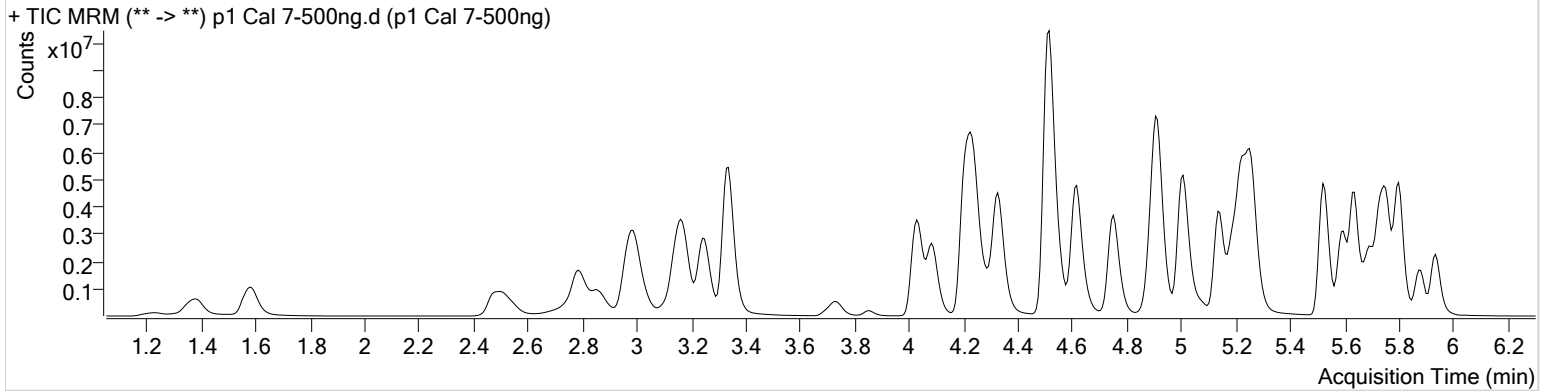


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-G1	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 9:01:43 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.105	161181	3020.39	72.1	25423.26	71447	49.7423 ng/ml
7-aminoclonazepam	4.243	1829884	∞	81.5	∞	129768	503.1292 ng/ml
a-hydroxyalprazolam	5.674	1017984	2914.10	61.3	871.26	52889	473.5178 ng/ml
alpha-PHP	4.895	1455902	19695.84	268.6	13824.23	653564	460.2889 ng/ml
alpha-PVP	4.329	7980947	13743.79	49.3	1692.34	653564	501.2069 ng/ml
Alprazolam	5.758	3512806	20121.99	104.8	5301.33	192738	501.7311 ng/ml
Amphetamine	2.983	7216208	121869.32	50.9	60680.43	218698	349.8746 ng/ml
Benzoylecgonine	3.851	347628	4451.06	7.8	984.23	21536	543.2024 ng/ml
Buprenorphine	5.721	145791	∞	16.3	543.61	133060	47.9290 ng/ml
Bupropion	4.753	6578376	2637.53	58.9	3923.03	426856	496.7515 ng/ml
Carisoprodol	5.707	2038698	61814.26	52.8	1536.49	207023	490.2842 ng/ml
Citalopram	5.190	3955339	2340.21	42.3	994.69	353403	494.4819 ng/ml
Clonazepam	5.588	4495541	98617.67	32.5	56316.19	117794	473.0325 ng/ml
Cocaine	4.229	6878425	639508.24	43.6	104936.80	967553	484.8414 ng/ml
Codeine	2.536	784566	1587.41	103.3	2697.97	67264	511.1211 ng/ml
Cyclobenzaprine	5.605	1662541	999.54	9.7	2076.15	129703	500.9167 ng/ml
Dextromethorphan	5.233	1569726	834.64	79.2	61162.12	148146	496.7895 ng/ml
Dextrophan	4.084	2010891	225729.28	214.7	2034.63	514220	491.3279 ng/ml
Diazepam	5.936	2788122	6243.71	87.4	7872.57	272598	496.8353 ng/ml
Dihydrocodeine	2.475	2123134	∞	65.3	25555.81	246226	481.4497 ng/ml
Diphenhydramine	5.260	8074069	1488.83	32.4	941.21	1172388	492.0673 ng/ml
Doxylamine	4.514	16636447	∞	97.7	290611.56	1361572	511.5284 ng/ml
EDDP	5.225	7238318	184844.84	42.0	2705.38	751183	506.1406 ng/ml
Fentanyl	5.060	221752	477.19	67.0	8354.30	202933	49.8061 ng/ml
Fluoxetine	5.690	1016973	5643.52	8.8	23860.80	85129	495.3212 ng/ml
Hydrocodone	2.986	2289195	∞	38.4	2591.80	317248	477.7645 ng/ml
Hydromorphone	1.581	2318938	∞	76.7	1338.86	153897	485.1172 ng/ml
Ketamine	4.030	6070017	188340.79	39.3	1788.61	574556	484.5758 ng/ml
Lamotrigine	4.259	374126	31056.22	80.5	43605.59	574556	335.8035 ng/ml
Lorazepam	5.722	1760950	∞	56.1	9138.47	117794	240.7614 ng/ml
MDA	3.143	4242944	7181.88	18.1	11828.40	225760	420.7105 ng/ml
MDMA	3.251	5426037	484454.12	60.7	18945.16	99836	501.1793 ng/ml
Meprobamate	4.876	711727	23052.59	25.6	5984.76	118182	349.2676 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	6371228	77402.29	49.0	10352.94	563545	517.1565 ng/ml
Methamphetamine	3.171	5963289	3030.40	41.3	4640.65	669551	469.0577 ng/ml
Metoprolol	4.292	1066406	74769.58	96.9	∞	1362379	452.7605 ng/ml
Mirtazapine	4.616	9302270	200810.05	47.4	11792.09	653564	526.8540 ng/ml
Mitragynine	5.194	1193377	∞	38.9	103212.62	563545	481.3004 ng/ml
Morphine	1.226	384959	4022.64	22.7	583.81	8893	493.5295 ng/ml
Norbuprenorphine	4.957	16371	742.93	88.1	934.89	14742	48.4384 ng/ml
Nordiazepam	5.882	2522322	8086.55	58.1	10941.39	169041	492.0222 ng/ml
Norfentanyl	4.051	1032709	4611.98	37.9	4274.76	833614	51.2341 ng/ml
Norhydrocodone	3.027	237898	222.97	42.1	157.43	33213	593.3143 ng/ml
Noroxycodone	2.858	1905058	∞	46.7	1659.32	119996	523.9516 ng/ml
O-desmethyl-tramadol	3.337	14133723	6839.23	5.7	1955.39	1441714	514.8239 ng/ml
Oxazepam	5.732	2473338	96817.94	73.1	11260.16	332312	468.6365 ng/ml
Oxycodone	2.782	5688687	22609.10	30.9	∞	526856	478.2163 ng/ml
Oxymorphone	1.376	2007623	757.48	46.7	∞	145388	507.4078 ng/ml
Phentermine	3.736	1526083	∞	2.7	4326.42	508680	439.4183 ng/ml
Promethazine	5.515	3489773	6640.26	30.1	47115.77	302320	493.6870 ng/ml
Quetiapine	5.525	5052087	310236.30	58.4	128295.62	140930	490.9860 ng/ml
Sertraline	5.758	345874	1863.54	92.9	2181.35	27798	505.8035 ng/ml
Temazepam	5.799	8106938	1797.81	28.3	43845.25	744383	511.2969 ng/ml
Tramadol	4.205	13022401	10071.88	3.2	1231.54	1362379	499.4248 ng/ml
Trazodone	5.134	6136711	∞	78.6	158681.69	538296	519.9814 ng/ml
Venlafaxine	5.008	10407032	∞	35.7	5605.44	1074946	494.1445 ng/ml
Zolpidem	4.912	13527645	245411.39	29.8	208583.70	1310109	501.5696 ng/ml

TS

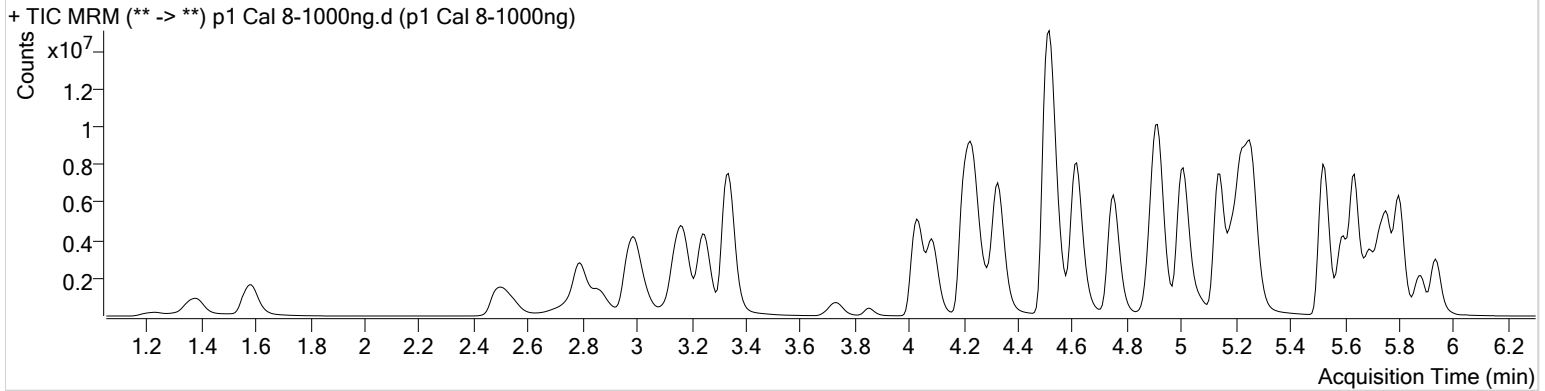


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\082820 AM 28 P1 and P2 TS\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 9/1/2020 10:14:39 AM

Instrument	Falco	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-H1	Comment	
Injection Volume	2		
Acq. Date-Time	8/28/2020 9:12:17 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.105	297427	10736.23	72.0	8155.26	68399	95.9448 ng/ml
7-aminoclonazepam	4.250	1969212	14698.21	79.4	26360.22	68563	1024.5256 ng/ml
a-hydroxyalprazolam	5.674	1411110	∞	60.5	2242.34	38014	913.5548 ng/ml
alpha-PHP	4.888	2242361	∞	270.2	∞	547178	847.5106 ng/ml
alpha-PVP	4.329	13474736	645964.37	49.1	10429.70	547178	1010.2479 ng/ml
Alprazolam	5.758	4900805	∞	107.1	2309.77	134868	999.9215 ng/ml
Amphetamine	2.983	9436810	55470.01	51.0	67647.96	196975	508.4187 ng/ml
Benzoylcegonine	3.851	736905	6137.17	7.8	19409.14	19562	1268.2045 ng/ml
Buprenorphine	5.721	251346	12160.19	16.1	2176.84	113008	97.2897 ng/ml
Bupropion	4.753	12036193	849042.07	58.9	338763.45	395834	980.2154 ng/ml
Carisoprodol	5.707	2507472	75578.47	54.5	25608.16	133532	935.1938 ng/ml
Citalopram	5.190	6113207	34185.76	42.0	1121.84	268237	1006.7337 ng/ml
Clonazepam	5.588	5677699	95468.45	31.7	67934.85	82738	851.1468 ng/ml
Cocaine	4.229	10931438	113102.81	42.9	51603.76	725410	1027.1092 ng/ml
Codeine	2.543	1249267	22023.26	104.1	1812.89	51973	1053.0243 ng/ml
Cyclobenzaprine	5.598	3185292	244356.78	9.7	4725.49	118316	1052.0113 ng/ml
Dextromethorphan	5.233	2244489	3037.92	79.3	∞	103545	1016.1050 ng/ml
Dextrorphan	4.084	3302800	217631.55	218.3	88028.86	409703	1012.6643 ng/ml
Diazepam	5.936	4120933	36350.78	87.7	∞	204774	977.7724 ng/ml
Dihydrocodeine	2.488	3577271	45419.03	63.5	47622.72	229477	870.7033 ng/ml
Diphenhydramine	5.260	13387513	4485.52	32.4	1252.30	936366	1020.7931 ng/ml
Doxylamine	4.514	27272176	526477.03	98.7	329909.21	1261727	905.0878 ng/ml
EDDP	5.225	12550545	103693.19	41.0	1800.40	631151	1044.4734 ng/ml
Fentanyl	5.060	485140	16199.67	67.6	496517.75	213105	103.7522 ng/ml
Fluoxetine	5.690	1906753	175957.62	8.9	15525.28	78556	1006.5670 ng/ml
Hydrocodone	2.986	3707504	∞	39.5	∞	286534	857.0951 ng/ml
Hydromorphone	1.588	3898546	∞	76.4	∞	128849	974.2659 ng/ml
Ketamine	4.030	10086160	266807.19	38.9	21258.30	505836	915.1293 ng/ml
Lamotrigine	4.259	471173	50675.71	81.3	3981.84	505836	480.7215 ng/ml
Lorazepam	5.722	1694387	∞	57.1	6680.07	82738	330.4721 ng/ml
MDA	3.137	5390354	65162.27	18.0	33390.86	168950	714.8098 ng/ml
MDMA	3.251	8670931	∞	60.1	113602.55	81092	986.0737 ng/ml
Meprobamate	4.869	855026	31114.39	25.5	5843.14	100190	495.2513 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	11316974	158958.40	49.3	143117.81	493750	1048.3092 ng/ml
Methamphetamine	3.171	9159006	58866.02	41.0	32304.64	603502	800.0025 ng/ml
Metoprolol	4.292	1485221	1671159.42	96.6	∞	1151510	746.4122 ng/ml
Mirtazapine	4.616	16585219	275445.96	48.1	228309.81	547178	1121.5742 ng/ml
Mitragynine	5.194	1796469	54612.05	38.9	25098.19	493750	827.4764 ng/ml
Morphine	1.226	654384	∞	22.8	∞	7702	968.9626 ng/ml
Norbuprenorphine	4.957	31090	1211.86	82.9	1590.76	13357	101.8600 ng/ml
Nordiazepam	5.882	3457006	1920.68	59.0	4514.04	121512	938.3502 ng/ml
Norfentanyl	4.051	1503098	6577.90	37.4	23856.21	571193	108.7787 ng/ml
Norhydrocodone	3.027	424358	1266.92	42.2	674.81	31289	1122.2358 ng/ml
Noroxycodone	2.864	2817116	7936.09	48.1	3705.22	89014	1044.3533 ng/ml
O-desmethyl-tramadol	3.338	22281855	∞	5.9	14841.67	1177696	993.4421 ng/ml
Oxazepam	5.732	2422436	27060.99	70.4	9354.70	171096	891.8995 ng/ml
Oxycodone	2.789	10085953	7588.77	30.4	∞	482148	926.6718 ng/ml
Oxymorphone	1.376	3296606	∞	46.7	∞	129161	938.2367 ng/ml
Phentermine	3.736	2292029	5130.43	2.7	2525.37	463019	725.5325 ng/ml
Promethazine	5.515	6753482	2405.03	29.4	8827.43	284269	1015.7108 ng/ml
Quetiapine	5.525	8545160	1292.15	58.7	668.03	129790	902.1914 ng/ml
Sertraline	5.765	569501	895.52	92.4	732.23	23051	1004.2277 ng/ml
Temazepam	5.799	11551344	109268.23	28.1	148946.22	526534	1029.7339 ng/ml
Tramadol	4.205	19508458	92088.81	3.3	2385.69	1151510	885.4904 ng/ml
Trazodone	5.141	12471840	∞	78.0	∞	599880	949.7477 ng/ml
Venlafaxine	5.008	17601293	∞	35.3	6820.43	883077	1016.5286 ng/ml
Zolpidem	4.912	21041492	∞	30.4	189035.78	1082767	944.0932 ng/ml