

REVIEWED
By Sarah Pickle at 9:12 am, Nov 06, 2020

TS

11/4/2020

Worklist: 4583

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By Sarah Pickle at 9:12 am, Nov 06, 2020

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2020-3425	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-3631	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-3753	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2664	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2691	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2768	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2798	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2808	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2809	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2821	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2839	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2868	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2871	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2876	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2878	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2879	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2897	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2899	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2902	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 11/03/2020
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, Lamotrigine 5-250, Lorazepam 5-100, MDA 5-500, Mirtazapine 5-500, Norbuprenorphine 1-100, ~~Norfentanyl 5-50~~, Phentermine 5-500, Norfentanyl 0.5-50 11/05/2020*
Codeine, dihydrocodeine not evaluated due to calibrator peaks splitting. TS

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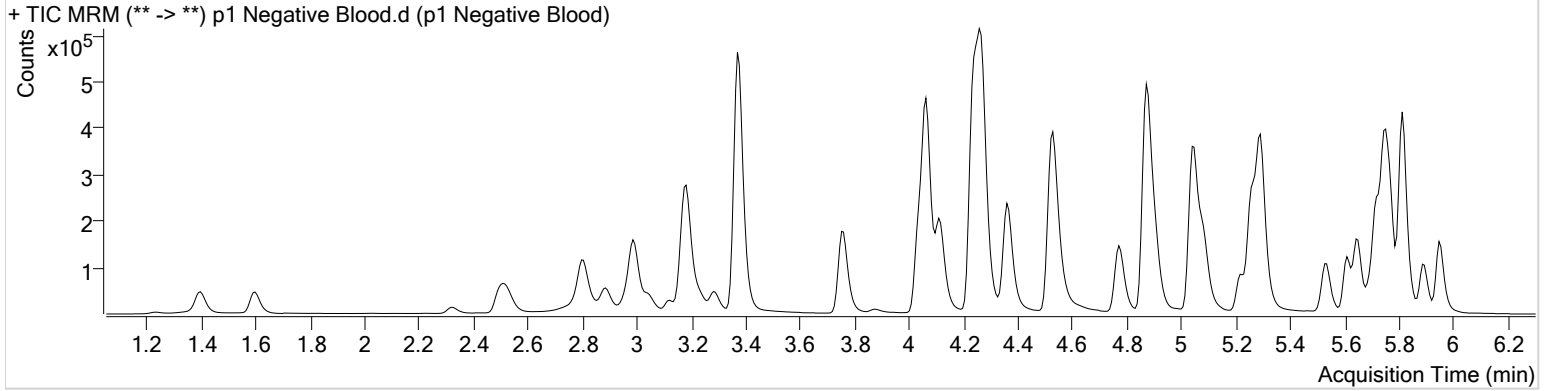


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/4/2020 1:14:19 PM

Instrument	Falco	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	MDQ P1 060520.m	Operator	Tamara Salazar
Sample Position	P1-C11	Comment	
Injection Volume	2		
Acq. Date-Time	11/3/2020 10:06:27 PM		
Sample Info.			

Sample Chromatogram



AM #28 Multi-Drug Quant. Results

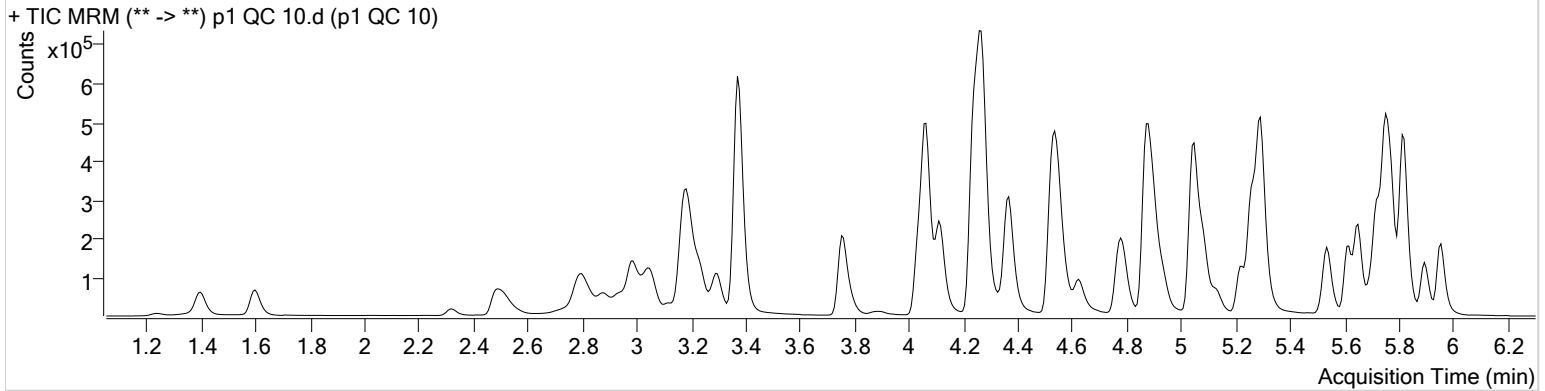
TS



Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/4/2020 1:14:19 PM

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-H11	Comment	
Injection Volume	2		
Acq. Date-Time	11/3/2020 8:30:52 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	2583	465.23	76.4	2069.73	52052	1.0103 ng/ml
7-aminoclonazepam	4.277	54240	4787.86	82.7	∞	199454	9.6126 ng/ml
a-hydroxyalprazolam	5.701	23214	707.81	66.1	307.90	59661	9.7501 ng/ml
alpha-PHP	4.942	29969	1480.99	263.8	22140.98	578702	10.0463 ng/ml
alpha-PVP	4.376	133302	345.97	50.3	3681.69	578702	10.1131 ng/ml
Alprazolam	5.778	83478	∞	106.9	563.47	256473	10.4478 ng/ml
Amphetamine	3.051	206399	5449.66	51.8	1816.75	228425	9.7905 ng/ml
Benzoylecgonine	3.898	4226	438.15	7.3	68.56	14467	10.6051 ng/ml
Buprenorphine	5.775	1090	74.99	17.3	266.50	38927	1.0915 ng/ml
Bupropion	4.793	123097	1064.55	58.0	1001.76	406874	10.0306 ng/ml
Carisoprodol	5.727	78400	∞	56.1	719.17	384635	10.0034 ng/ml
Citalopram	5.217	50605	3565.25	41.9	392.98	224193	10.4629 ng/ml
Clonazepam	5.615	100217	728.08	34.1	2040.66	121331	9.7727 ng/ml
Cocaine	4.270	124079	3710.42	46.1	477.10	916312	10.3381 ng/ml
** Codeine	2.530	12649	238.31	107.9	530.02	59816	10.0979 ng/ml
Cyclobenzaprine	5.619	23352	550.20	10.2	52.78	81586	11.8251 ng/ml
Dextromethorphan	5.266	28336	369.76	79.0	650.56	122707	10.5960 ng/ml
Dextrorphan	4.117	32273	1149.71	214.5	2050.88	406132	10.0848 ng/ml
Diazepam	5.956	59170	3322.97	88.7	939.70	277761	10.1154 ng/ml
** Dihydrocodeine	2.508	33459	619.24	63.3	590.00	179393	10.0246 ng/ml
Diphenhydramine	5.294	139150	378.06	33.0	1328.19	871582	10.5104 ng/ml
Doxylamine	4.548	267978	4094.23	100.1	9266.36	1150960	10.1398 ng/ml
EDDP	5.259	88494	342.65	41.9	1400.36	477117	9.7920 ng/ml
Fentanyl	5.100	2659	321.90	72.0	6014.71	116663	1.0446 ng/ml
Fluoxetine	5.703	21808	144.89	9.4	205.15	67908	12.9074 ng/ml
Hydrocodone	3.013	47185	98.18	36.4	111.30	283005	10.2248 ng/ml
Hydromorphone	1.608	39692	414.10	74.1	641.57	121480	9.9594 ng/ml
Ketamine	4.050	103450	330.97	38.9	272.37	455072	10.1683 ng/ml
Lamotrigine	4.286	9668	1032.56	81.2	7245.65	455072	10.4926 ng/ml
Lorazepam	5.749	81326	∞	56.4	445.85	121331	9.4753 ng/ml
MDA	3.204	156508	2153.28	21.5	131.17	360309	10.1160 ng/ml
MDMA	3.298	107444	∞	63.5	2563.80	100449	10.1951 ng/ml
Meprobamate	4.930	43814	5182.28	27.3	426.79	206668	10.2939 ng/ml

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AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	75068	3968.96	53.3	769.64	339847	10.3207 ng/ml
Methamphetamine	3.239	143556	486.27	40.0	335.17	575262	10.6360 ng/ml
Metoprolol	4.332	22728	905.92	92.6	1215.65	1146013	10.0333 ng/ml
Mirtazapine	4.623	119334	4895.90	52.1	1755.49	578702	9.9855 ng/ml
Mitragynine	5.228	12296	3195.22	42.4	∞	339847	10.4195 ng/ml
Morphine	1.246	6602	985.53	34.6	856.89	8631	10.0655 ng/ml
Norbuprenorphine	4.991	156	10.20	82.1	15.58	5979	1.2561 ng/ml
Nordiazepam	5.903	59224	1351.47	56.3	2741.31	185289	10.2198 ng/ml
Norfentanyl	4.085	21430	790.75	33.7	184.56	959190	0.9693 ng/ml
Norhydrocodone	3.061	6047	76.40	40.9	175.19	63172	11.2682 ng/ml
Noroxycodone	2.898	39409	1026.67	49.9	1302.59	131985	10.2706 ng/ml
O-desmethyl-tramadol	3.377	235778	973.91	6.4	162.65	1284177	9.8699 ng/ml
Oxazepam	5.759	101326	846.79	71.9	∞	599788	10.0082 ng/ml
Oxycodone	2.823	87627	2297.50	31.6	502.29	380489	10.3476 ng/ml
Oxymorphone	1.396	40028	∞	47.3	∞	136218	10.2716 ng/ml
Phentermine	3.790	42142	2473.38	3.3	31.63	527174	10.7299 ng/ml
Promethazine	5.536	54202	249.19	29.2	308.60	187614	12.6830 ng/ml
Quetiapine	5.539	66474	4094.95	55.6	∞	81331	10.4331 ng/ml
Sertraline	5.772	10273	137.93	105.8	783.11	32660	12.8568 ng/ml
Temazepam	5.819	161229	4342.46	30.7	134.81	772505	9.6401 ng/ml
Tramadol	4.252	237472	5233.11	3.3	149.95	1146013	10.0375 ng/ml
Trazodone	5.127	67401	1329.44	73.4	4061.04	259992	10.5605 ng/ml
Venlafaxine	5.048	171230	919.07	38.0	281.18	883381	10.6597 ng/ml
Zolpidem	4.892	228129	18044.23	31.4	11572.65	1155146	9.9595 ng/ml

AM #28 Multi-Drug Quant. Results

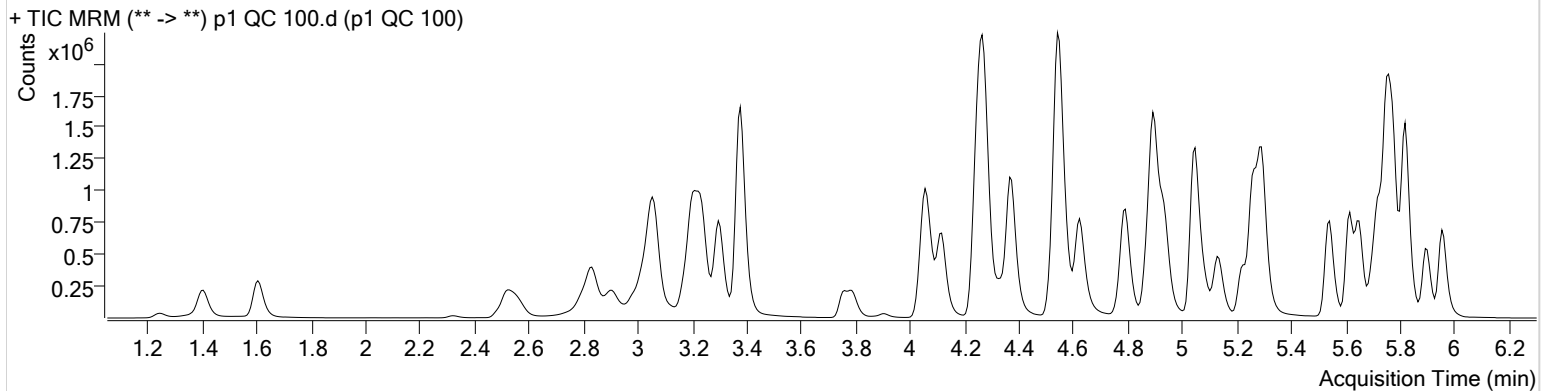
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Calibration Last Update 11/4/2020 1:14:19 PM

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-G11	Comment	
Injection Volume	2		
Acq. Date-Time	11/3/2020 8:52:06 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	27488	17656.63	74.2	6558.63	56729	10.3375 ng/ml
7-aminoclonazepam	4.277	521055	49969.77	83.3	26608.58	178258	101.4727 ng/ml
a-hydroxyalprazolam	5.701	237345	9022.84	64.6	1338.89	59117	108.1948 ng/ml
alpha-PHP	4.942	305564	24234.61	267.1	303935.86	590775	101.3905 ng/ml
alpha-PVP	4.376	1436612	82432.96	50.9	3285.26	590775	100.4710 ng/ml
Alprazolam	5.778	853547	13552.20	106.0	∞	242927	100.0876 ng/ml
Amphetamine	3.057	1915169	56143.95	51.6	14296.14	224722	101.2504 ng/ml
Benzoylcegonine	3.905	44272	258.33	7.2	1811.49	15217	101.5221 ng/ml
Buprenorphine	5.768	8811	450.21	15.7	277.44	32491	11.4167 ng/ml
Bupropion	4.793	1249730	88074.59	58.0	14684.21	397960	104.2196 ng/ml
Carisoprodol	5.727	805645	899.68	55.1	12281.98	384009	104.7784 ng/ml
Citalopram	5.224	469315	∞	42.2	811677.44	210314	97.4643 ng/ml
Clonazepam	5.615	1032537	51477.01	34.0	1964.24	120616	109.9202 ng/ml
Cocaine	4.270	1261959	38662.65	46.1	36780.39	887777	104.4738 ng/ml
** Codeine	2.543	129720	313.78	110.6	587.29	61381	104.4007 ng/ml
Cyclobenzaprine	5.619	200393	4947.75	10.0	1664.52	78234	104.5070 ng/ml
Dextromethorphan	5.266	247880	3246.08	80.2	17907.46	111283	104.0742 ng/ml
Dextrophan	4.117	336507	40008.71	211.5	1445.63	404585	101.0486 ng/ml
Diazepam	5.956	630133	7856.26	87.8	6790.40	283977	107.4808 ng/ml
** Dihydrocodeine	2.522	356707	27592.40	64.4	1046.29	187673	109.1491 ng/ml
Diphenhydramine	5.294	1326264	∞	32.6	420.90	801519	100.0466 ng/ml
Doxylamine	4.541	2935570	70891.25	95.1	97859.44	1196344	107.6772 ng/ml
EDDP	5.259	1079148	29841.25	42.1	∞	563131	99.1545 ng/ml
Fentanyl	5.100	23327	80.92	75.9	67462.01	113553	9.7273 ng/ml
Fluoxetine	5.703	193153	∞	9.0	406.49	72764	105.4517 ng/ml
Hydrocodone	3.013	499234	∞	36.5	638.54	292614	112.7466 ng/ml
Hydromorphone	1.608	402417	2987.22	75.3	7476.07	124542	101.0116 ng/ml
Ketamine	4.050	1106517	66775.47	38.9	8266.00	476007	109.0312 ng/ml
Lamotrigine	4.286	96423	∞	78.8	16721.04	476007	111.2160 ng/ml
Lorazepam	5.749	720285	∞	55.9	7977.12	120616	97.3439 ng/ml
MDA	3.204	1491473	44727.16	21.1	∞	338658	111.0127 ng/ml
MDMA	3.298	1081580	117467.01	65.2	12394.29	97512	107.1806 ng/ml
Meprobamate	4.930	430377	54133.19	26.8	39180.10	198755	111.5363 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	691465	21093.51	52.3	12468.48	313348	101.4607 ng/ml
Methamphetamine	3.239	1316241	8884.16	39.7	2531.77	554040	115.6236 ng/ml
Metoprolol	4.332	231178	18982.47	91.3	5893.72	1169811	104.9931 ng/ml
Mirtazapine	4.623	1179166	9717.80	51.0	103853.68	590775	94.1381 ng/ml
Mitragynine	5.228	115962	698269.94	38.2	40162.39	313348	105.2771 ng/ml
Morphine	1.246	68540	1598.09	33.8	329.10	8807	107.5352 ng/ml
Norbuprenorphine	4.998	1265	459.12	104.4	379.08	5891	10.2294 ng/ml
Nordiazepam	5.903	612913	1057.44	58.7	876.34	187741	107.6866 ng/ml
Norfentanyl	4.092	223424	1199.68	34.3	79.44	930062	10.0138 ng/ml
Norhydrocodone	3.061	50522	330.64	41.5	186.80	50676	94.7066 ng/ml
Noroxycodone	2.905	411063	2414.49	48.6	1758.16	133992	107.1901 ng/ml
O-desmethyl-tramadol	3.377	2621720	75892.26	6.3	1979.47	1337114	104.1029 ng/ml
Oxazepam	5.753	974439	17637.48	71.1	3684.70	542013	111.1906 ng/ml
Oxycodone	2.830	963457	9199.46	31.1	2597.04	399520	108.7118 ng/ml
Oxymorphone	1.403	397498	985.68	48.2	∞	139842	102.5047 ng/ml
Phentermine	3.790	408462	8461.79	3.2	775.32	511976	113.4547 ng/ml
Promethazine	5.536	443574	10641.20	29.5	∞	179205	103.6235 ng/ml
Quetiapine	5.539	663701	∞	55.5	44855.25	80897	111.8375 ng/ml
Sertraline	5.772	81951	2481.29	92.7	7254.88	31801	104.2757 ng/ml
Temazepam	5.819	1803686	∞	29.8	1070.58	810793	103.2469 ng/ml
Tramadol	4.252	2443297	152452.95	3.5	567.60	1169811	107.1781 ng/ml
Trazodone	5.127	652786	5011.60	76.5	∞	257170	103.3899 ng/ml
Venlafaxine	5.048	1816011	3091.78	37.2	2040.84	890980	102.9131 ng/ml
Zolpidem	4.892	2566178	73206.63	30.7	92631.99	1241108	108.2382 ng/ml

TS

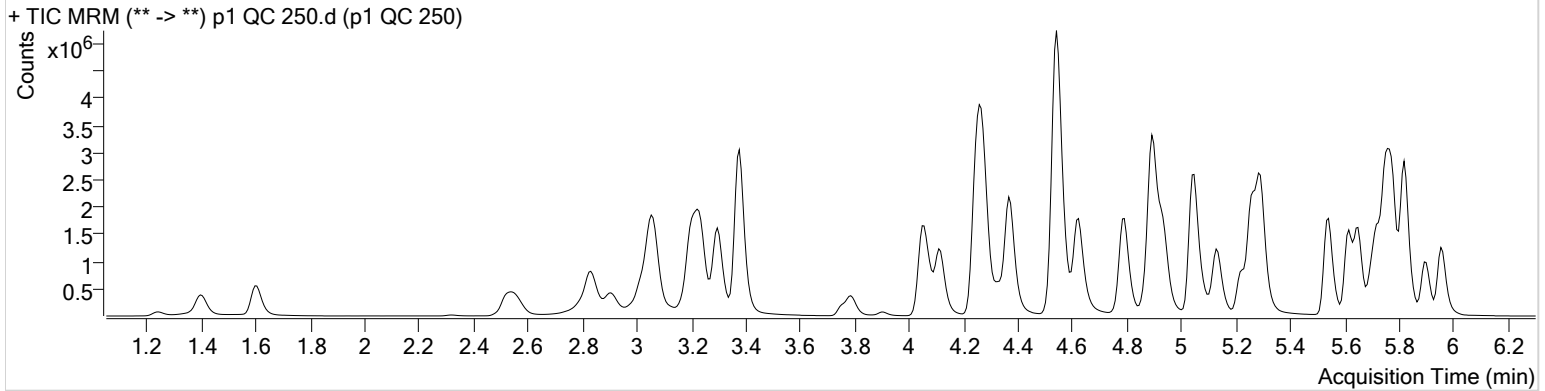


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/4/2020 1:14:19 PM

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-F11 Comment
Injection Volume 2
Acq. Date-Time 11/3/2020 9:13:18 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	65560	4531.08	72.0	28728.14	57042	24.5940 ng/ml
7-aminoclonazepam	4.277	966954	45929.85	82.4	20755.78	136046	246.4650 ng/ml
a-hydroxyalprazolam	5.695	497579	1308.98	64.1	1722.84	53372	252.3146 ng/ml
alpha-PHP	4.935	683730	7650.06	267.2	184109.27	545025	246.0829 ng/ml
alpha-PVP	4.369	3251833	112559.70	50.6	71869.23	545025	245.5536 ng/ml
Alprazolam	5.778	1758945	41637.30	106.6	∞	202211	245.8732 ng/ml
Amphetamine	3.057	3807644	81413.00	50.9	38244.05	206254	220.5574 ng/ml
Benzoylcegonine	3.898	109095	21185.40	7.6	635.11	15056	252.1653 ng/ml
Buprenorphine	5.768	19987	2257.56	15.3	∞	32180	26.2747 ng/ml
Bupropion	4.793	2826363	209992.67	57.8	31331.74	373169	251.3753 ng/ml
Carisoprodol	5.727	1579623	80053.70	55.0	14513.76	320029	246.7739 ng/ml
Citalopram	5.217	1087920	46645.81	42.2	6149.09	198086	238.8969 ng/ml
Clonazepam	5.615	2073440	52153.52	34.2	4844.42	107391	249.0725 ng/ml
Cocaine	4.263	2674865	207185.70	46.3	104344.93	780009	251.4371 ng/ml
** Codeine	2.563	284704	4247.76	104.2	7003.70	55814	252.5326 ng/ml
Cyclobenzaprine	5.619	554776	1442.93	9.8	626.77	90129	250.9023 ng/ml
Dextromethorphan	5.266	583686	39965.52	79.1	21511.74	107977	252.8753 ng/ml
Dextrorphan	4.117	754076	41813.77	212.2	83333.17	376119	242.9055 ng/ml
Diazepam	5.956	1333678	11434.96	88.3	∞	252760	255.8878 ng/ml
** Dihydrocodeine	2.522	805552	18124.40	63.9	814.64	180345	257.5342 ng/ml
Diphenhydramine	5.294	3171069	2891.18	32.1	19808.26	775632	245.7971 ng/ml
Doxylamine	4.541	7075738	439341.91	98.6	392593.48	1181476	262.9280 ng/ml
EDDP	5.259	2482381	87955.23	41.9	57379.64	533876	240.2773 ng/ml
Fentanyl	5.100	65204	6065.71	74.4	342325.94	127892	24.1995 ng/ml
Fluoxetine	5.703	539167	2066.40	9.1	3239.53	88677	241.3147 ng/ml
Hydrocodone	3.013	1094693	824.74	37.4	531.68	276485	262.8072 ng/ml
Hydromorphone	1.608	865275	∞	75.5	∞	114067	237.5234 ng/ml
Ketamine	4.050	2476822	139258.65	38.4	1091.69	456102	255.4375 ng/ml
Lamotrigine	4.286	181455	29152.00	80.5	34837.46	456102	219.6877 ng/ml
** Lorazepam	5.749	1175039	4758.95	56.2	12362.38	107391	179.7192 ng/ml
MDA	3.204	2947102	1559.83	20.8	11433.05	302445	246.7424 ng/ml
MDMA	3.298	2416999	292567.87	65.2	25964.91	90293	258.8870 ng/ml
Meprobamate	4.930	787235	113207.43	27.3	6974.36	163460	248.9215 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	1726518	14253.48	52.0	4263.25	314332	252.2715 ng/ml
Methamphetamine	3.239	2756254	3065.46	39.3	39818.34	508846	265.7831 ng/ml
Metoprolol	4.332	513692	56221.42	91.7	∞	1075577	254.5335 ng/ml
Mirtazapine	4.623	2813033	∞	50.5	15418.00	545025	242.9691 ng/ml
Mitragynine	5.228	277298	26116.07	38.4	15479.86	314332	250.7650 ng/ml
Morphine	1.246	149052	1880.93	34.1	2157.60	8141	253.7524 ng/ml
Norbuprenorphine	4.991	3213	231.79	92.4	569.14	5737	26.6599 ng/ml
Nordiazepam	5.903	1282289	1465.57	57.7	∞	163886	258.5878 ng/ml
Norfentanyl	4.085	505221	68131.01	34.5	4950.43	841239	24.9719 ng/ml
Norhydrocodone	3.061	98553	392.87	41.0	∞	39539	233.1745 ng/ml
Noroxycodone	2.905	907310	5375.50	47.6	∞	126024	251.7944 ng/ml
O-desmethyl-tramadol	3.377	6025215	346936.88	6.1	15356.27	1234866	258.8584 ng/ml
Oxazepam	5.753	1720689	71777.17	71.8	∞	406722	262.3120 ng/ml
Oxycodone	2.830	2178537	34220.54	30.9	1593.12	384027	255.7840 ng/ml
Oxymorphone	1.396	840142	∞	47.8	∞	119590	253.8751 ng/ml
Phentermine	3.790	847608	7932.68	3.0	1290.16	475165	254.5478 ng/ml
Promethazine	5.536	1282248	1032.54	30.1	2381.39	221437	241.5245 ng/ml
Quetiapine	5.539	1564952	72776.85	57.4	910969.97	81911	261.4827 ng/ml
Sertraline	5.772	213323	9209.04	93.4	883.10	36087	239.0067 ng/ml
Temazepam	5.819	4024078	183652.03	28.4	907.58	732955	254.8846 ng/ml
Tramadol	4.245	5466179	165307.18	3.4	941.29	1075577	261.7360 ng/ml
Trazodone	5.127	1716077	198726.37	75.6	829.00	279826	249.7885 ng/ml
Venlafaxine	5.048	4285739	4143.04	36.0	2633.53	838586	256.5929 ng/ml
Zolpidem	4.892	6004949	128877.24	29.7	185255.66	1200183	262.5125 ng/ml

TS

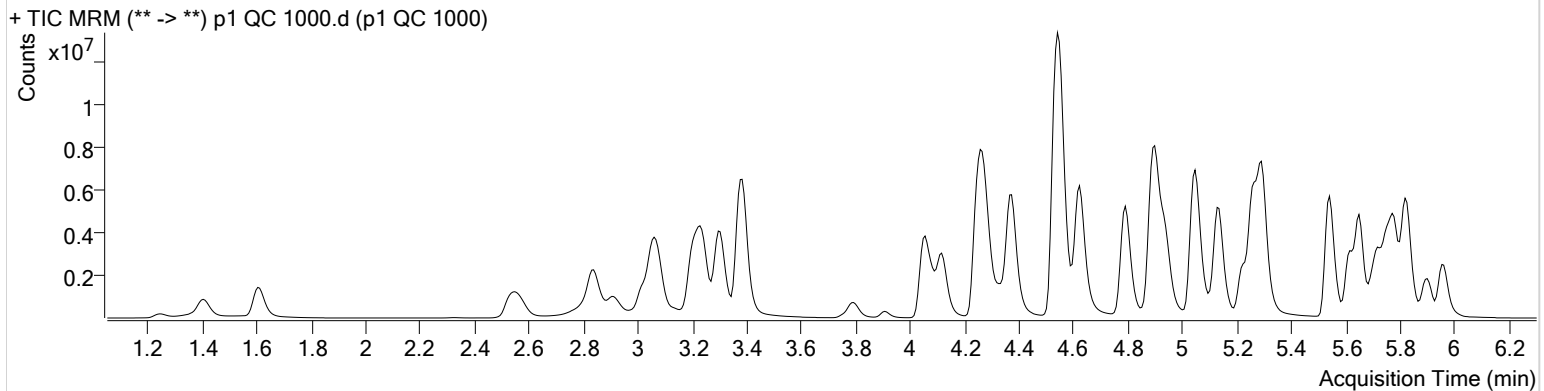


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/4/2020 1:14:19 PM

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-E11 **Comment**
Injection Volume 2
Acq. Date-Time 11/3/2020 9:34:31 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	239932	6035.58	71.5	1846.27	51745	99.3835 ng/ml
7-aminoclonazepam	4.284	1560652	22469.31	82.7	30318.46	51726	1045.6328 ng/ml
a-hydroxyalprazolam	5.701	1083357	429.43	64.9	455.98	32588	901.8094 ng/ml
alpha-PHP	4.942	2040304	303934.78	270.5	∞	397604	1006.9618 ng/ml
alpha-PVP	4.376	9850860	3250.12	50.3	1111161.45	397604	1017.5897 ng/ml
Alprazolam	5.778	4236321	∞	104.9	∞	114286	1043.5201 ng/ml
* Amphetamine	3.064	8207655	95994.32	49.9	57839.74	144386	681.3402 ng/ml
Benzoylcegonine	3.905	498073	1715.09	7.4	31919.46	14673	1179.6246 ng/ml
Buprenorphine	5.768	51346	∞	16.5	2483.92	24004	90.7286 ng/ml
Bupropion	4.793	8719753	268028.39	57.6	90925.91	288719	1002.4058 ng/ml
Carisoprodol	5.727	3255667	∞	54.7	126292.87	162048	1005.0544 ng/ml
Citalopram	5.224	3480893	1290.68	40.5	524.40	153813	982.2885 ng/ml
Clonazepam	5.615	4198379	105703.73	33.2	168290.09	65090	834.2461 ng/ml
Cocaine	4.270	6964369	165248.25	45.3	100419.73	487033	1047.1043 ng/ml
** Codeine	2.577	780634	∞	103.7	23569.66	39211	986.7437 ng/ml
Cyclobenzaprine	5.619	1887358	1730.94	9.5	2760.04	73817	1041.6721 ng/ml
Dextromethorphan	5.266	1473201	1070.61	79.3	18625.96	68787	1002.5172 ng/ml
Dextrophan	4.117	2167659	3527.60	216.8	1398.79	262425	999.2810 ng/ml
Diazepam	5.963	3246742	9898.58	88.7	9538.48	156969	1003.7506 ng/ml
** Dihydrocodeine	2.535	2395423	426.98	64.1	308.02	160164	864.0924 ng/ml
Diphenhydramine	5.294	10333329	1174.71	31.9	720.02	597560	1036.5817 ng/ml
Doxylamine	4.541	21080582	482641.70	97.7	590198.32	1026723	901.6112 ng/ml
EDDP	5.259	8585045	1759.24	40.2	723.39	428362	1034.9416 ng/ml
Fentanyl	5.100	246498	172603.04	74.2	3943235.41	120947	96.8528 ng/ml
Fluoxetine	5.703	1529982	99804.02	8.5	532.60	60869	997.0719 ng/ml
Hydrocodone	3.020	3191141	4003.01	38.2	2054.67	237489	894.0098 ng/ml
Hydromorphone	1.608	2517843	∞	75.3	∞	82260	959.2709 ng/ml
Ketamine	4.058	7305325	681148.31	36.7	40361.91	368032	935.1522 ng/ml
* Lamotrigine	4.293	355070	26692.34	80.4	∞	368032	534.6213 ng/ml
* Lorazepam	5.743	1410333	∞	57.1	4981.84	65090	357.4930 ng/ml
* MDA	3.204	6194823	51708.15	20.4	9249.79	211031	745.1838 ng/ml
MDMA	3.304	6652529	696296.71	65.0	139795.01	65235	986.6954 ng/ml
Meprobamate	4.936	1376070	135977.74	26.7	33689.94	82578	862.9867 ng/ml

p1 QC 1000

**Compound not evaluated.-11/04/2020 TS

*Outside curve range-11/04/2020 TS

Generated at 1:15 PM on 11/4/2020

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	5955372	91070.13	51.6	171878.46	258209	1058.7260 ng/ml
Methamphetamine	3.239	6942206	72420.44	37.9	86419.92	386032	886.3198 ng/ml
Metoprolol	4.332	1348876	789163.52	92.7	∞	837116	860.0846 ng/ml
* Mirtazapine	4.623	10253693	1281736.68	50.0	230609.97	397604	1212.8509 ng/ml
Mitragynine	5.228	856347	37191.87	37.7	19942.58	258209	942.3440 ng/ml
Morphine	1.246	425938	31540.33	34.0	6490.97	6245	946.7423 ng/ml
Norbuprenorphine	4.991	10189	137.10	91.7	341.96	4703	103.0825 ng/ml
Nordiazepam	5.903	2844857	16515.58	56.9	20772.16	94248	998.6195 ng/ml
* Norfentanyl	4.092	1677415	124981.64	34.0	68237.29	545082	127.7858 ng/ml
Norhydrocodone	3.068	307915	121.69	40.5	∞	25751	1109.4401 ng/ml
Noroxycodone	2.911	2190208	156.17	47.9	∞	81952	935.1771 ng/ml
O-desmethyl-tramadol	3.383	16905635	530297.32	6.4	105984.83	871985	1028.1669 ng/ml
Oxazepam	5.753	2235615	9351.61	66.0	∞	151644	915.2876 ng/ml
Oxycodone	2.836	6924232	10931.71	30.3	4834.36	328322	951.0196 ng/ml
Oxymorphone	1.403	2415982	7769.23	47.1	4332.81	92016	949.8348 ng/ml
* Phentermine	3.797	1888383	∞	3.3	4188.00	369940	729.7323 ng/ml
Promethazine	5.536	4189694	2870.91	30.6	31401.16	175344	994.5403 ng/ml
Quetiapine	5.539	5461660	481429.78	58.6	289255.76	79619	940.8883 ng/ml
Sertraline	5.765	503663	23588.36	92.1	30814.57	20676	984.4398 ng/ml
Temazepam	5.819	9869470	55093.35	27.8	149776.75	459094	998.1863 ng/ml
Tramadol	4.252	13903586	132109.12	3.5	16142.56	837116	856.8871 ng/ml
Trazodone	5.134	7586402	1917.20	76.5	651615.09	296997	1040.4124 ng/ml
Venlafaxine	5.048	13524607	∞	35.7	2459.96	629919	1074.8834 ng/ml
Zolpidem	4.899	17020464	∞	31.2	187023.14	1034407	864.2707 ng/ml

*Outside curve range-11/05/2020 TS

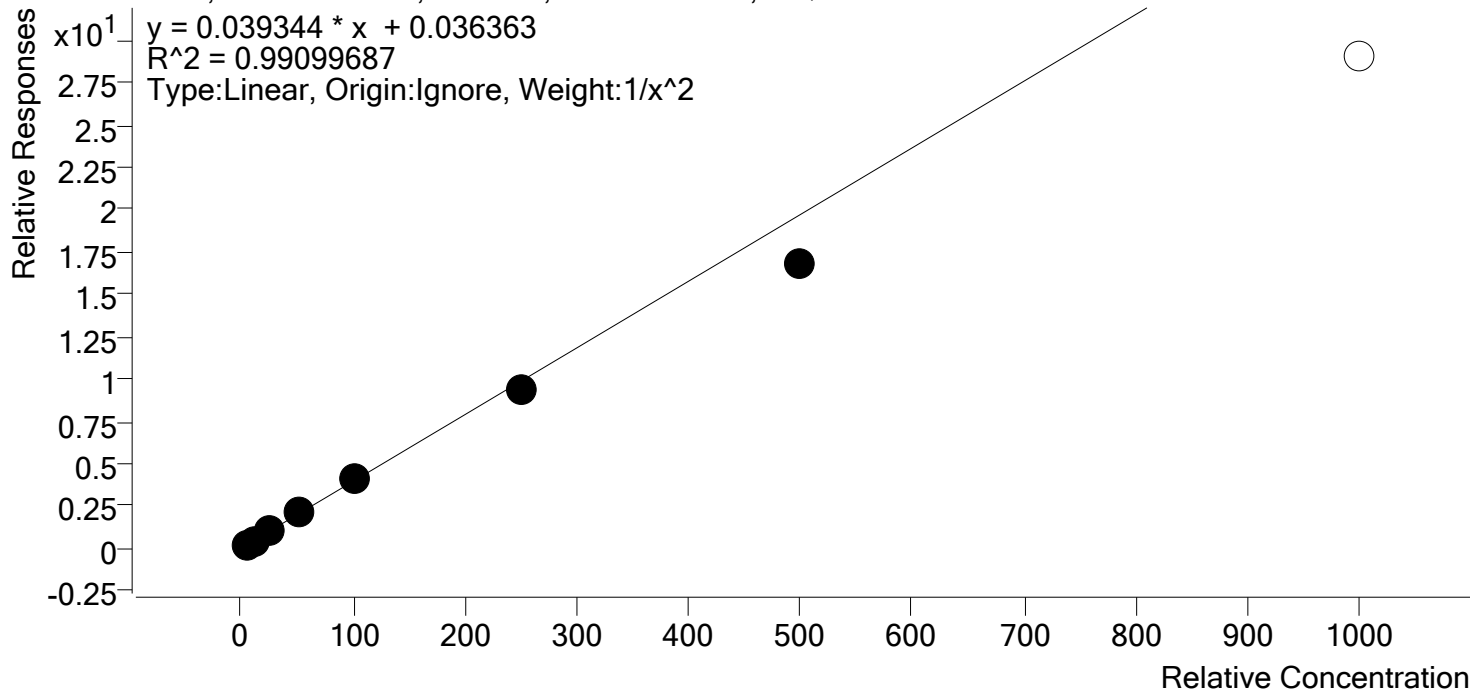
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	55.0	109.9
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	238.1	95.2
p1 Cal 7-500ng	7	✓	500.0	428.8	85.8
p1 Cal 8-1000ng	8	✗	1000.0	737.0	73.7

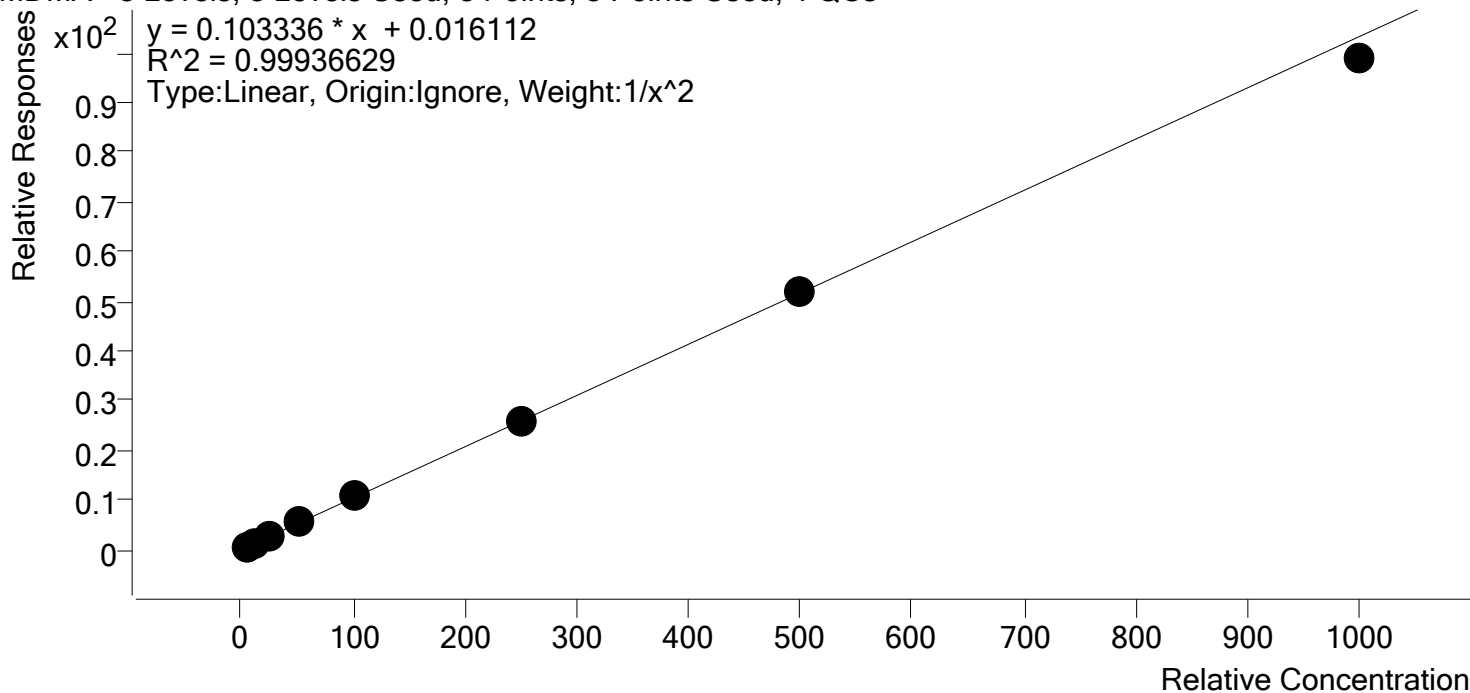
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	501.1	100.2
p1 Cal 8-1000ng	8	✓	1000.0	957.2	95.7

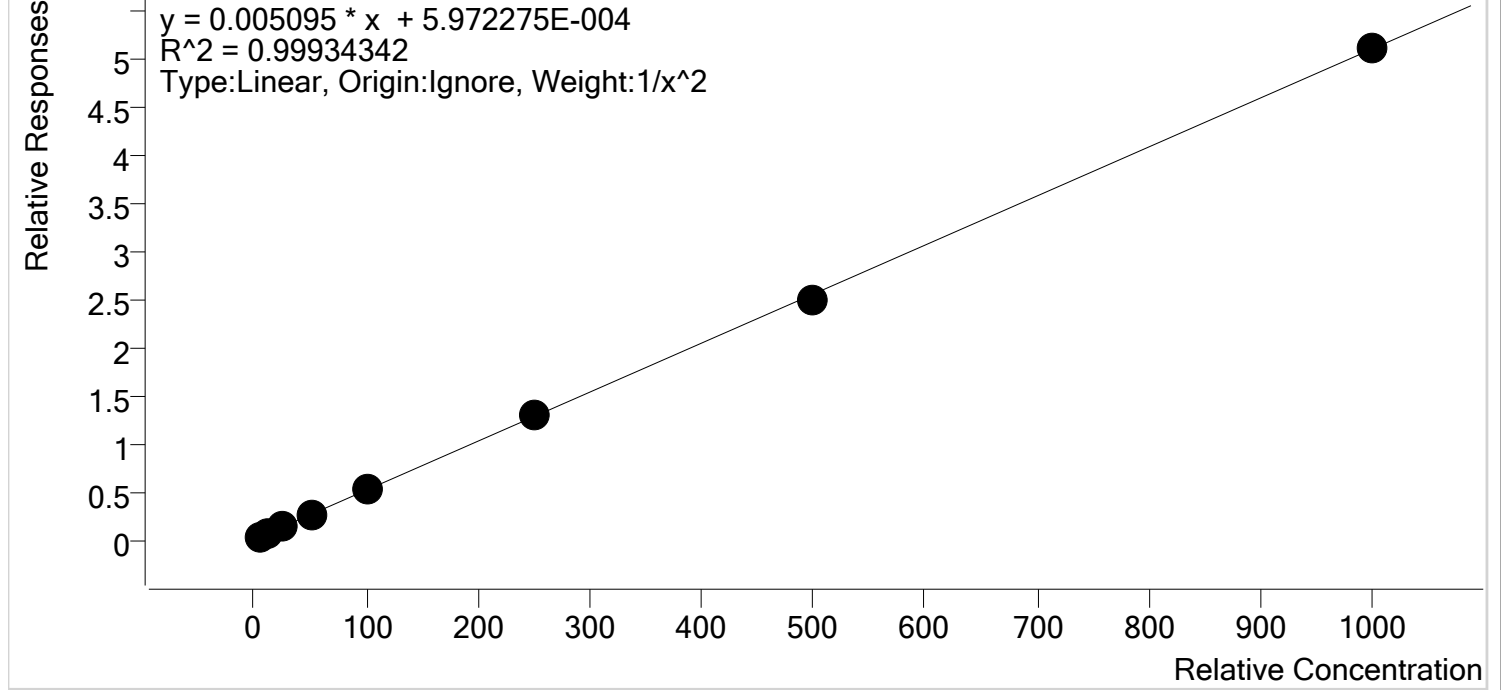


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2- 10ng	2	✓	10.0	9.6	95.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	490.4	98.1
p1 Cal 8-1000ng	8	✓	1000.0	1000.8	100.1

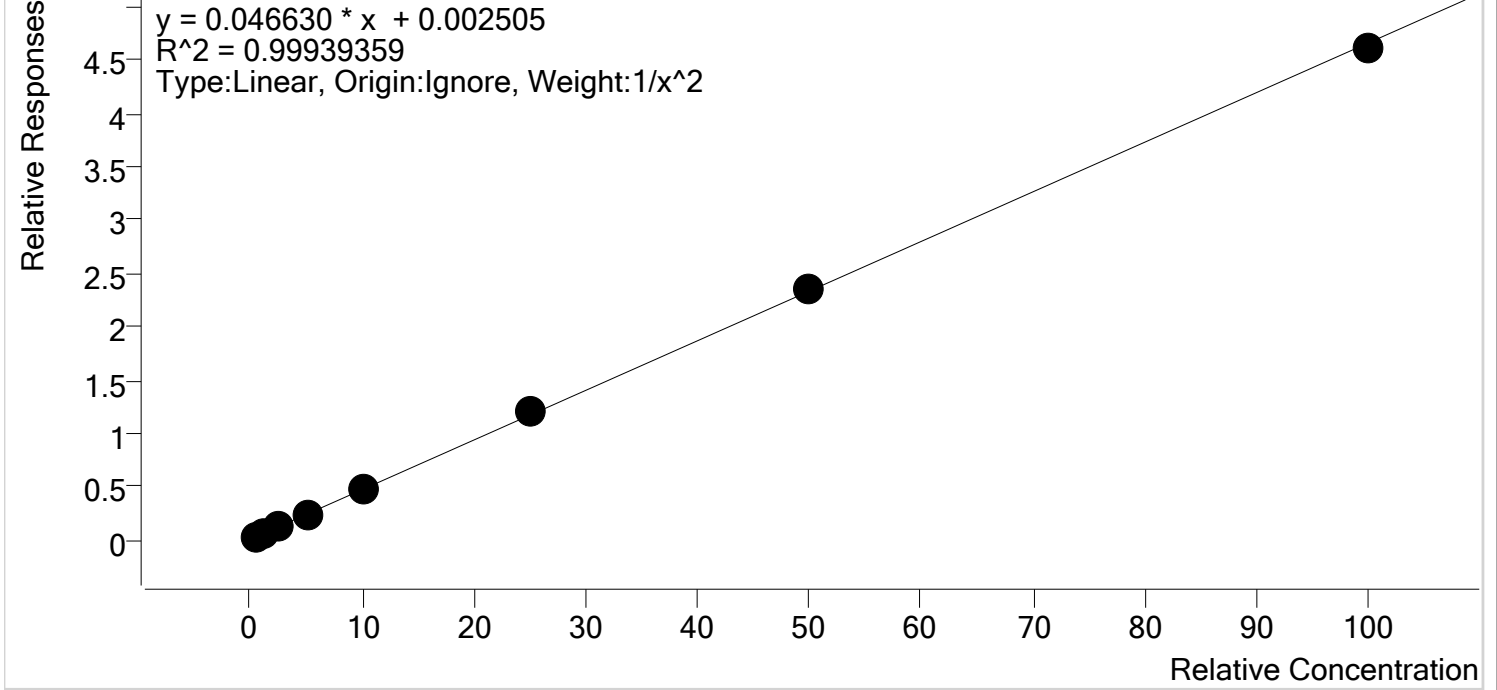


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



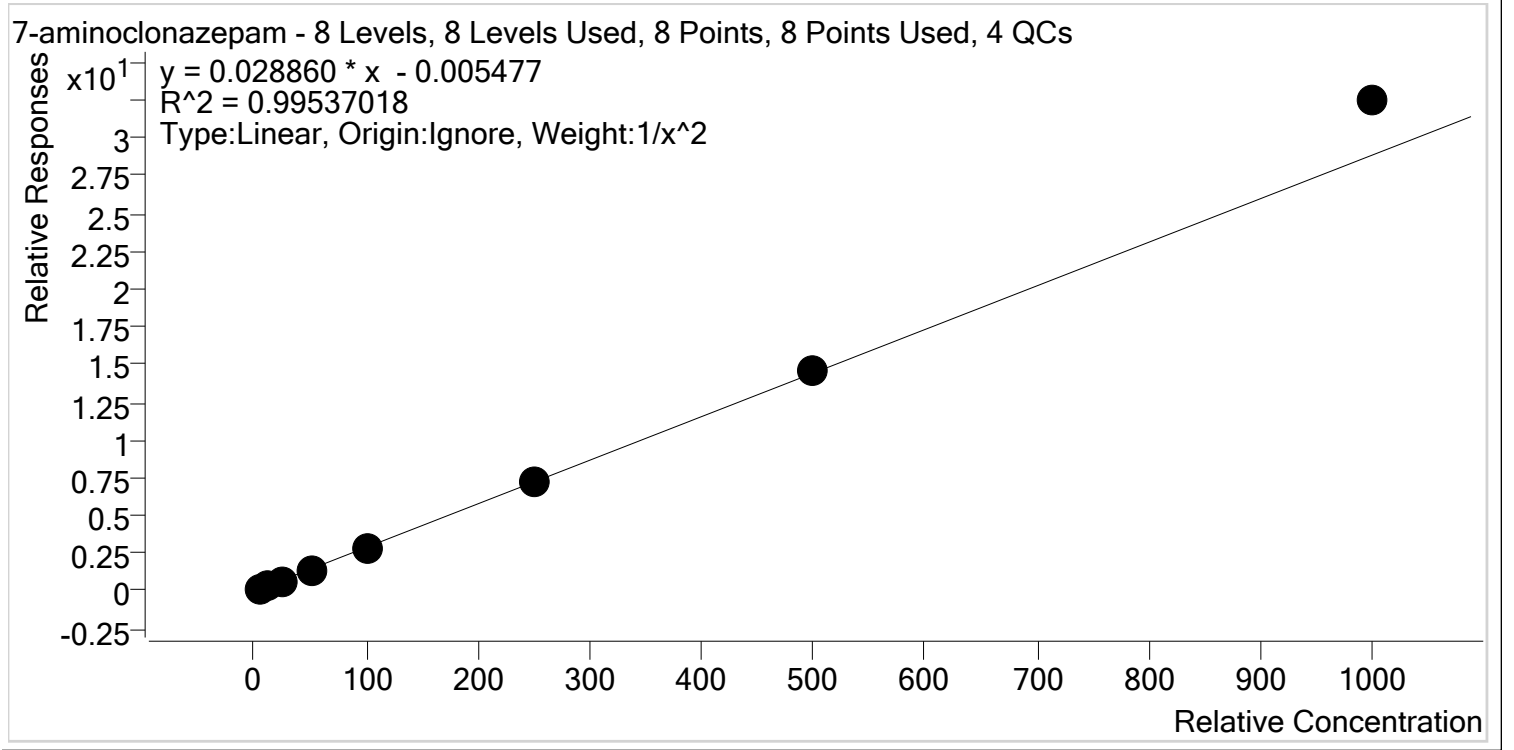
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.8
p1 Cal 2- 10ng	2	✓	1.0	1.0	97.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.7
p1 Cal 4-50ng	4	✓	5.0	5.1	101.6
p1 Cal 5-100ng	5	✓	10.0	10.0	100.1
p1 Cal 6-250ng	6	✓	25.0	25.6	102.4
p1 Cal 7-500ng	7	✓	50.0	50.6	101.2
p1 Cal 8-1000ng	8	✓	100.0	98.9	98.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



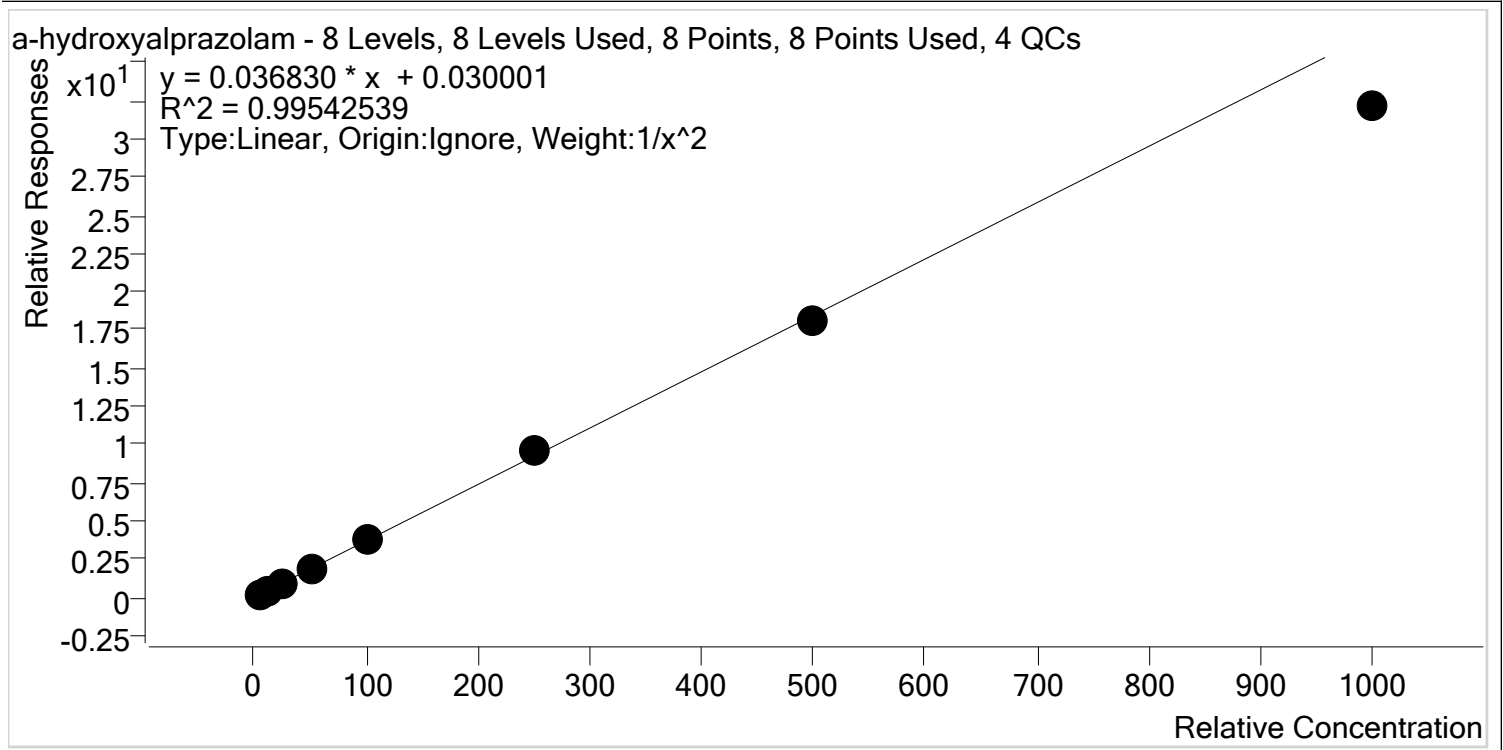
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2- 10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	48.6	97.1
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	246.9	98.8
p1 Cal 7-500ng	7	✓	500.0	505.0	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1125.1	112.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	258.0	103.2
p1 Cal 7-500ng	7	✓	500.0	488.6	97.7
p1 Cal 8-1000ng	8	✓	1000.0	871.2	87.1

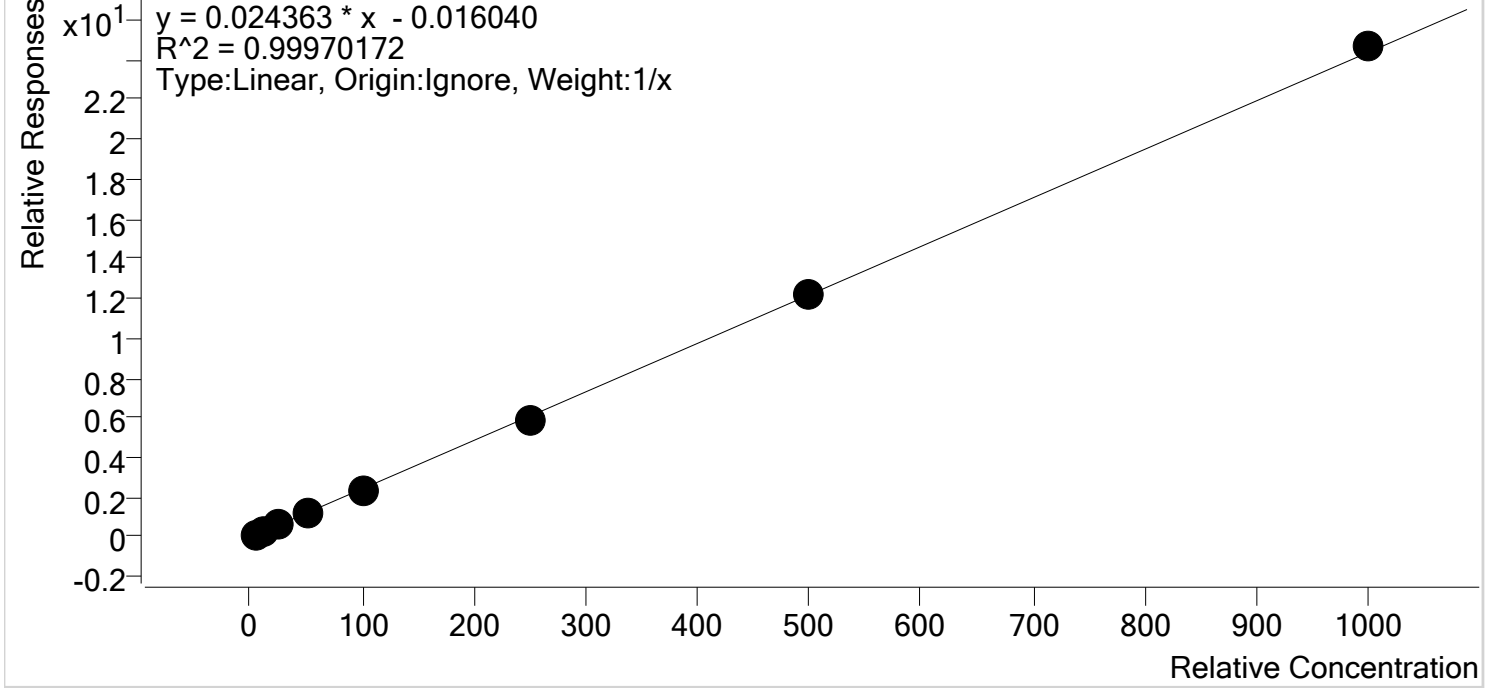


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	243.5	97.4
p1 Cal 7-500ng	7	✓	500.0	499.0	99.8
p1 Cal 8-1000ng	8	✓	1000.0	1011.9	101.2

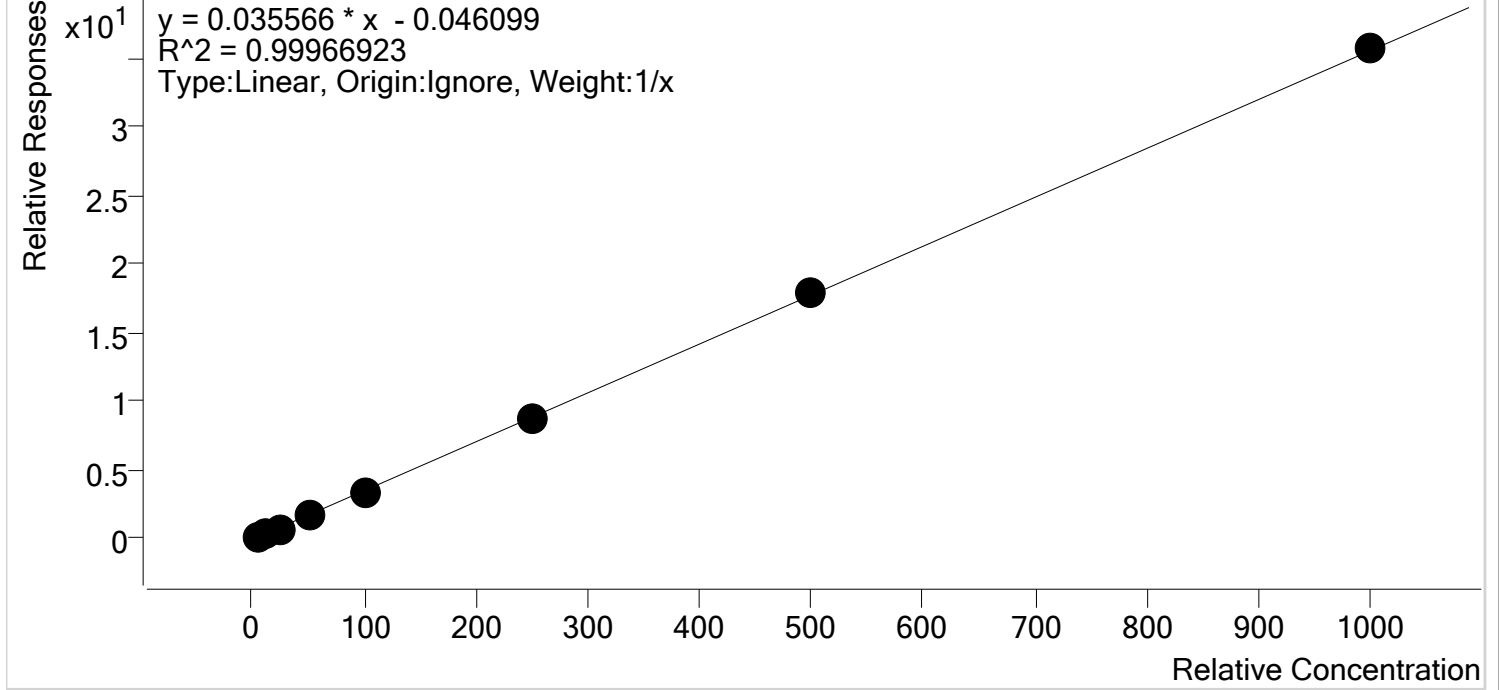


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	115.7
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.6
p1 Cal 4-50ng	4	✓	50.0	47.8	95.5
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	503.4	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1004.4	100.4

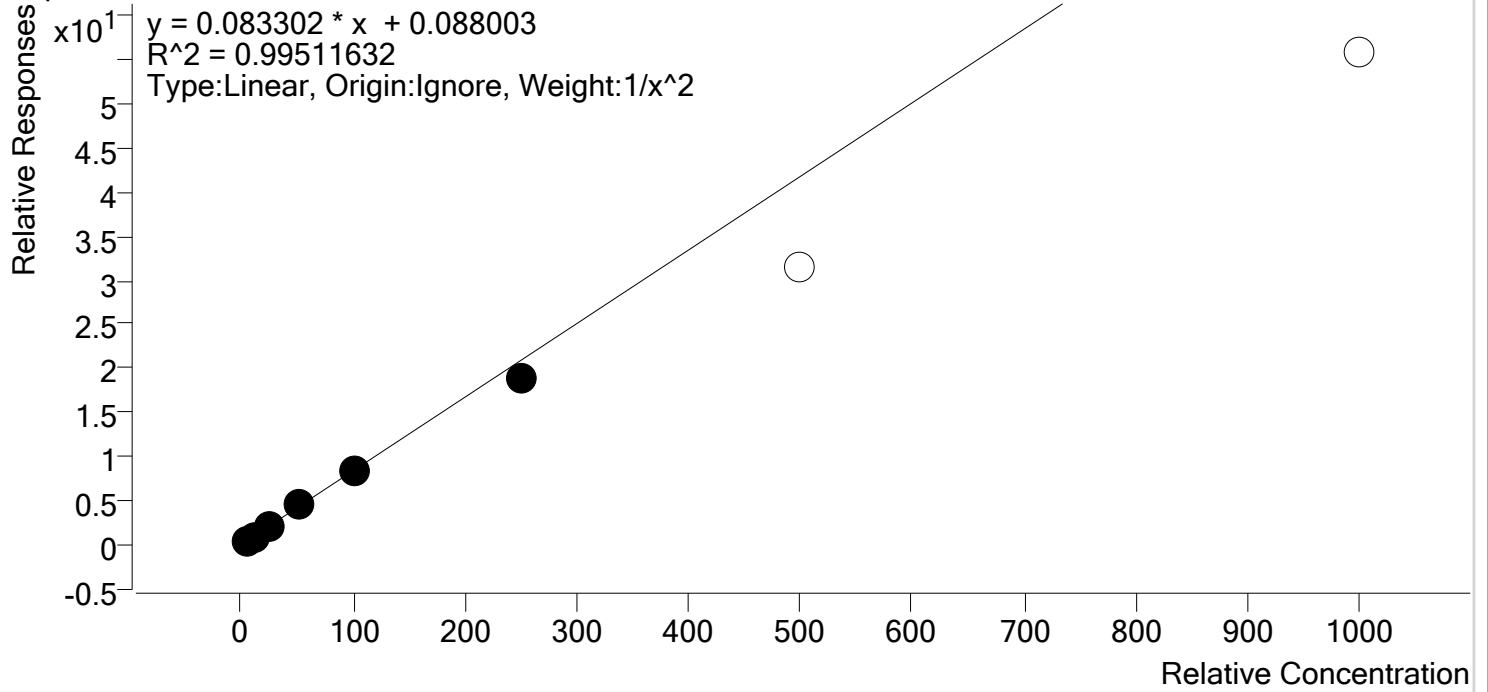


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Amphetamine Internal Standard Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	223.9	89.6
p1 Cal 7-500ng	7	x	500.0	375.9	75.2
p1 Cal 8-1000ng	8	x	1000.0	668.3	66.8

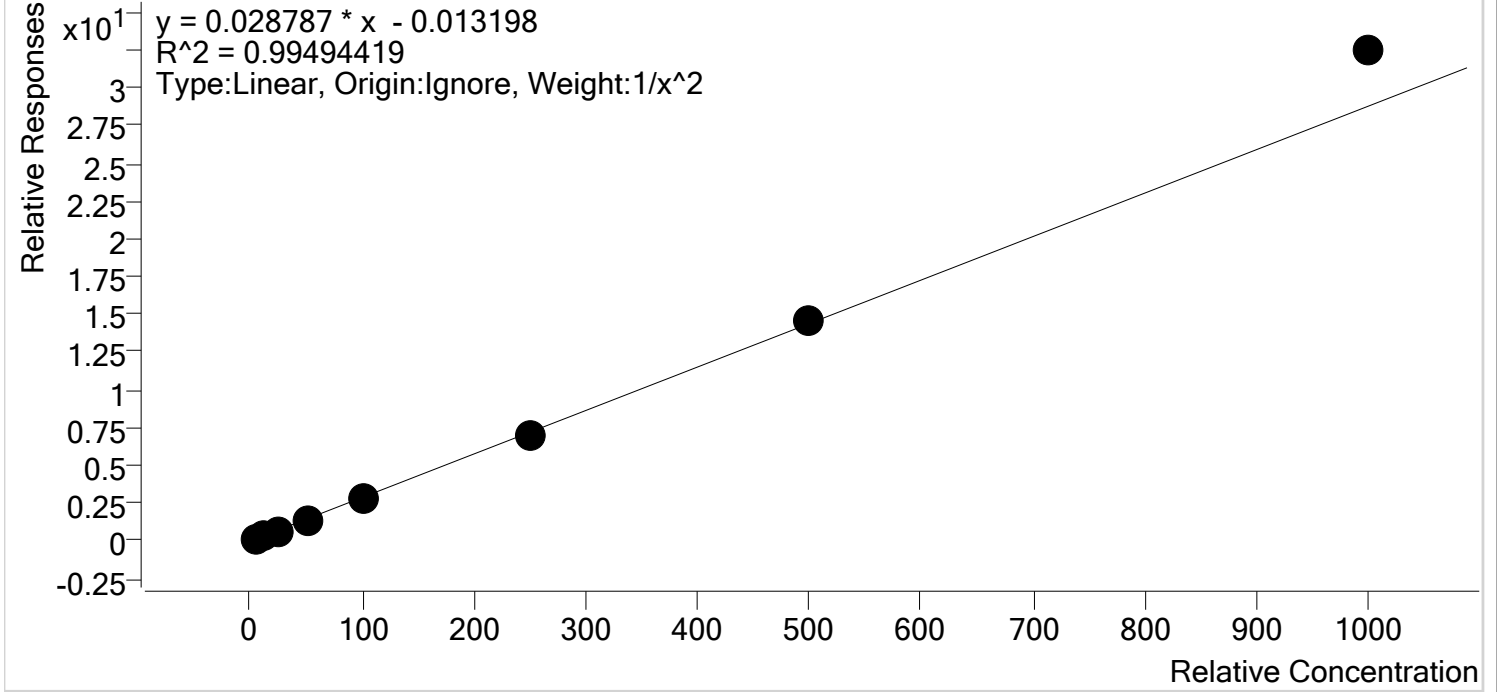


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Benzoylecgonine Internal Standard Benzoylecgonine-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	93.4	93.4
p1 Cal 6-250ng	6	✓	250.0	240.1	96.0
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1127.9	112.8

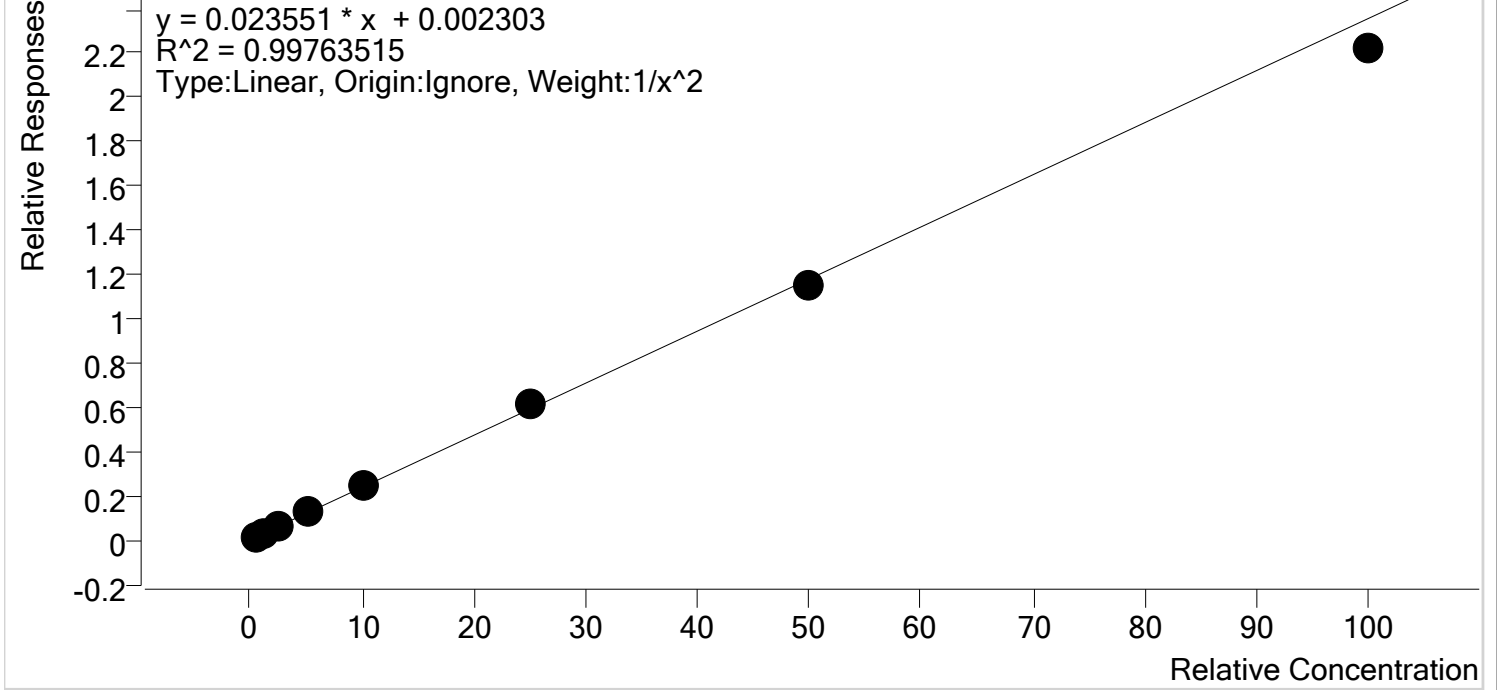


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.3
p1 Cal 2- 10ng	2	✓	1.0	0.9	94.7
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.3
p1 Cal 4-50ng	4	✓	5.0	5.1	102.1
p1 Cal 5-100ng	5	✓	10.0	10.5	105.1
p1 Cal 6-250ng	6	✓	25.0	26.2	104.6
p1 Cal 7-500ng	7	✓	50.0	48.8	97.6
p1 Cal 8-1000ng	8	✓	100.0	94.2	94.2

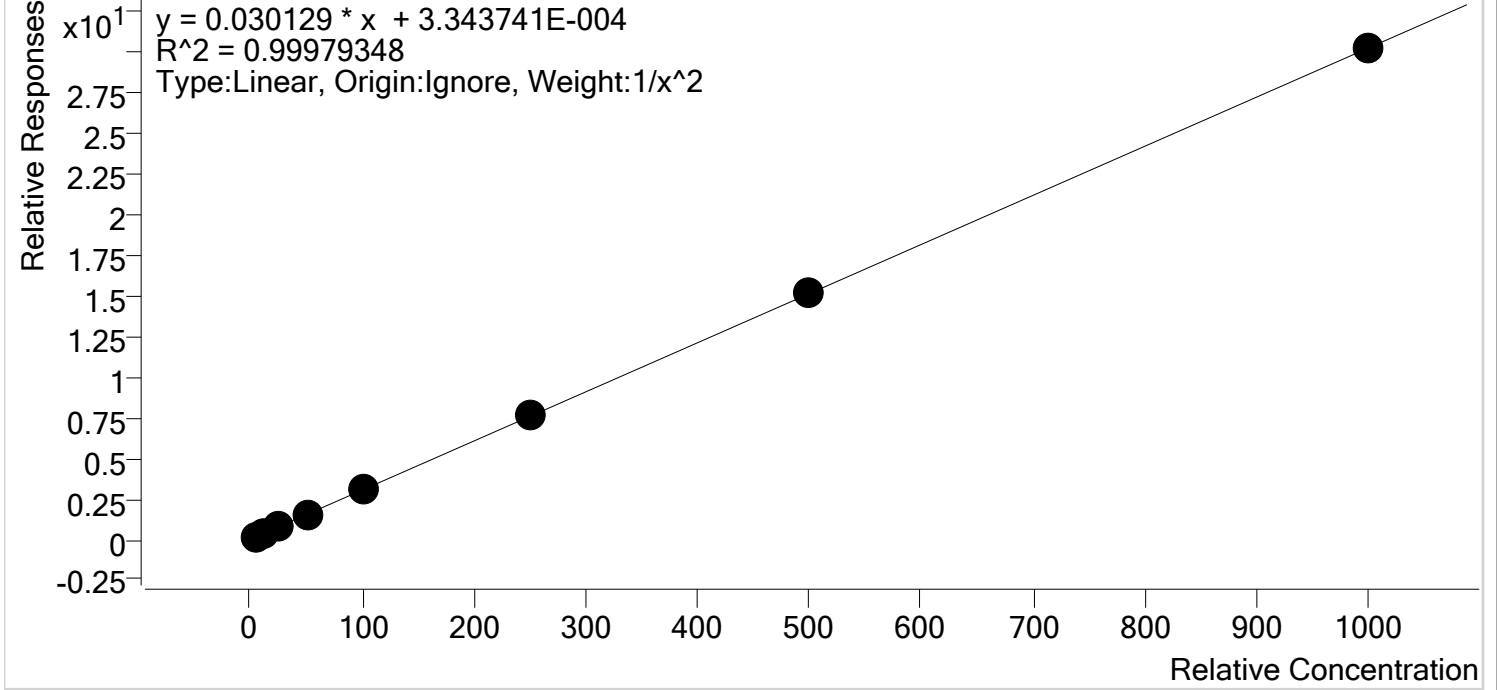


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



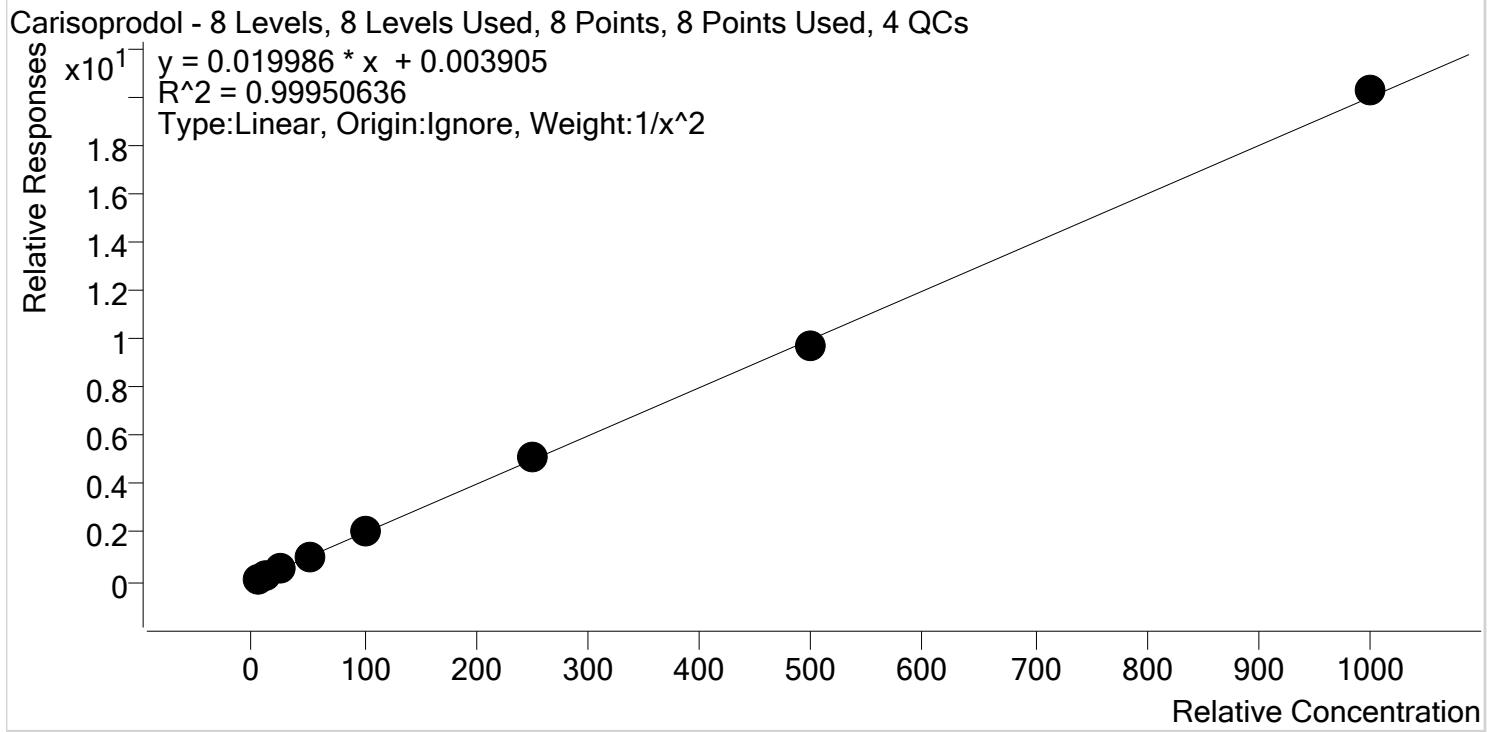
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	504.0	100.8
p1 Cal 8-1000ng	8	✓	1000.0	999.0	99.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



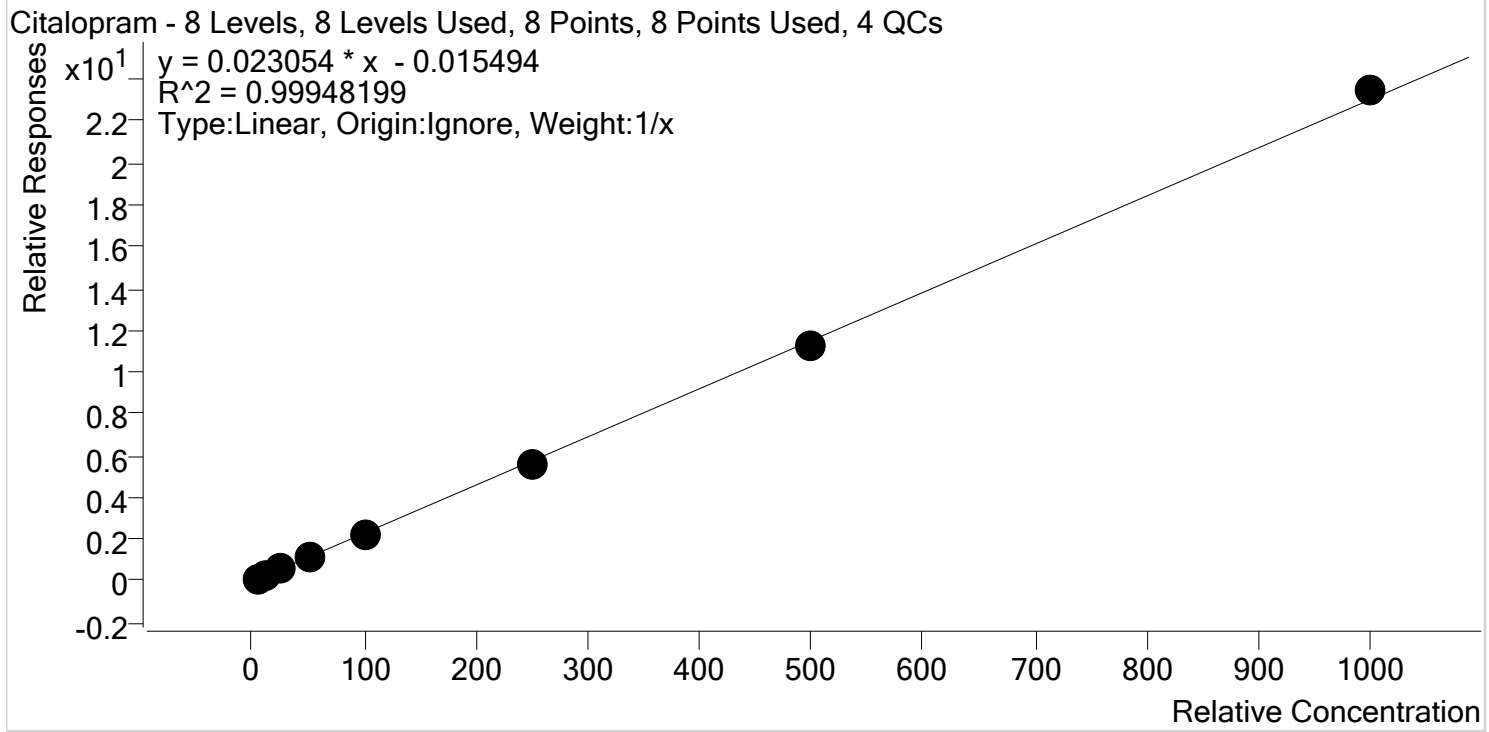
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	486.8	97.4
p1 Cal 8-1000ng	8	✓	1000.0	1013.9	101.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.6	111.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	244.0	97.6
p1 Cal 7-500ng	7	✓	500.0	492.4	98.5
p1 Cal 8-1000ng	8	✓	1000.0	1018.9	101.9

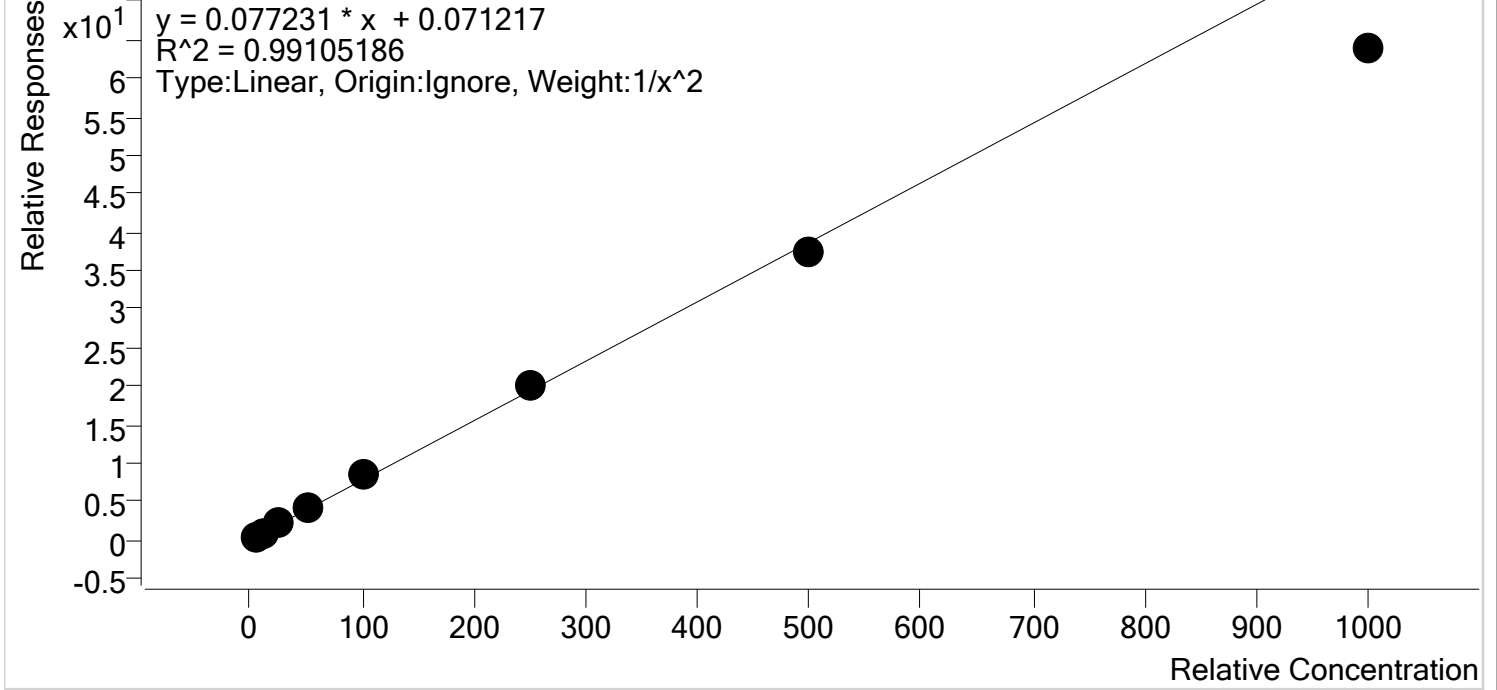


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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



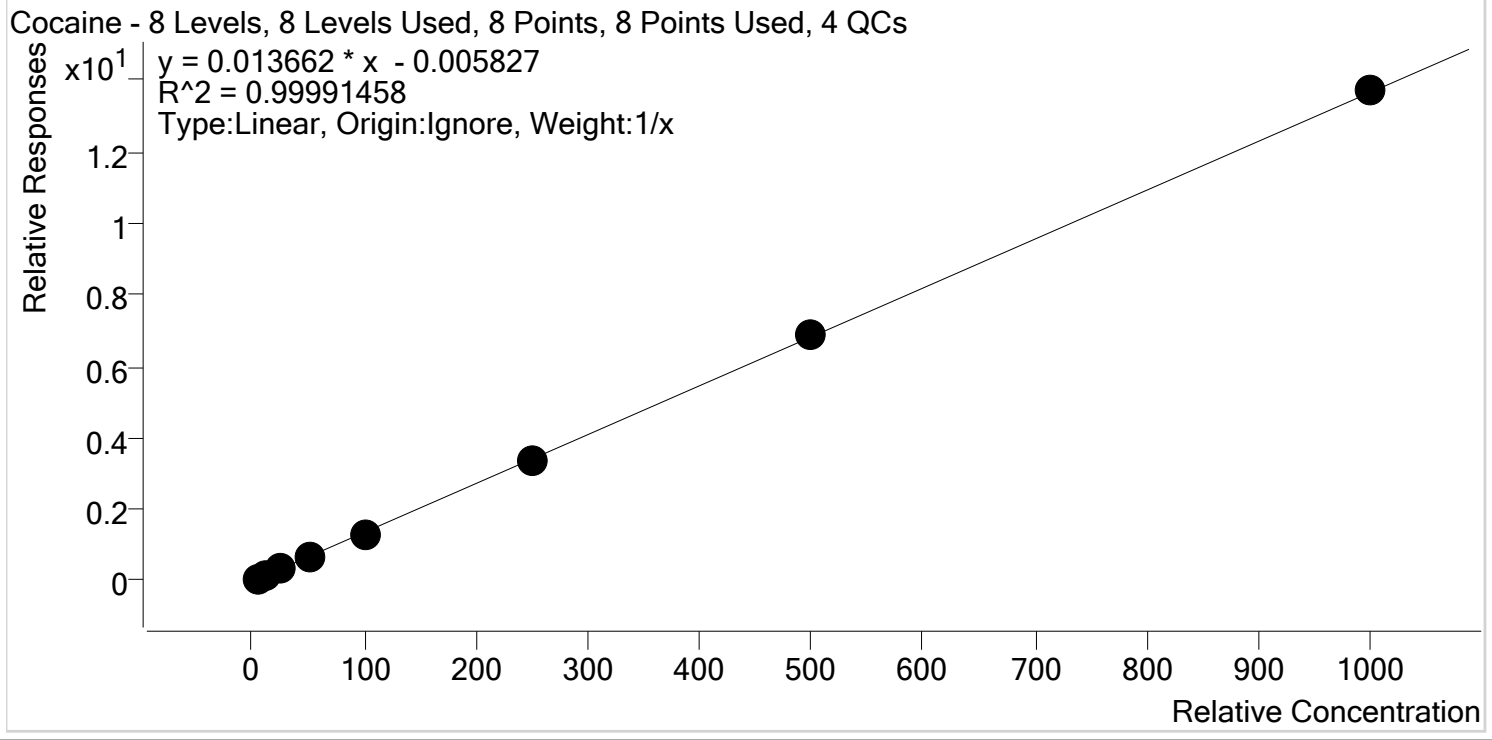
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	480.9	96.2
p1 Cal 8-1000ng	8	✓	1000.0	825.7	82.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



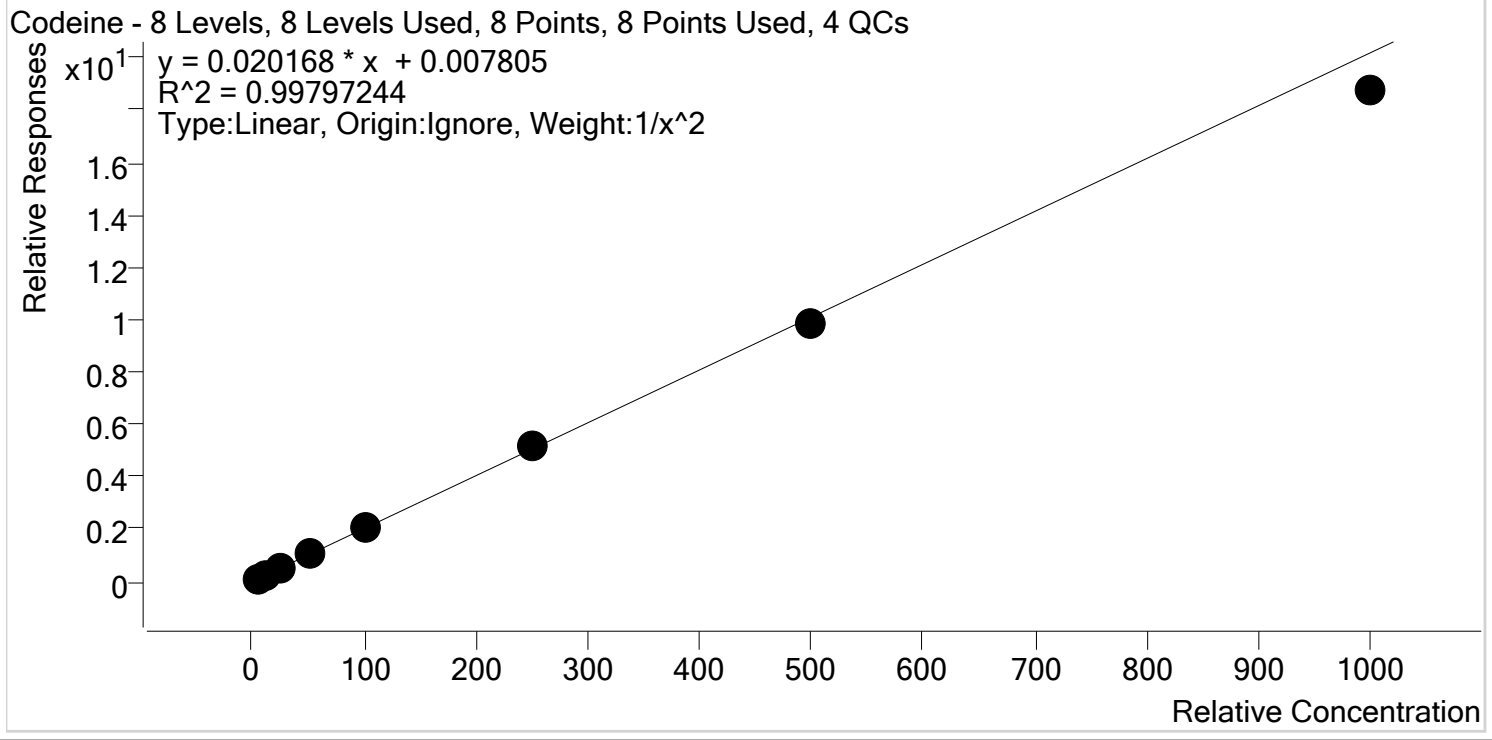
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	49.3	98.5
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	502.2	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1003.9	100.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Codeine Internal Standard Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	491.2	98.2
p1 Cal 8-1000ng	8	✓	1000.0	928.6	92.9

Compound not evaluated.

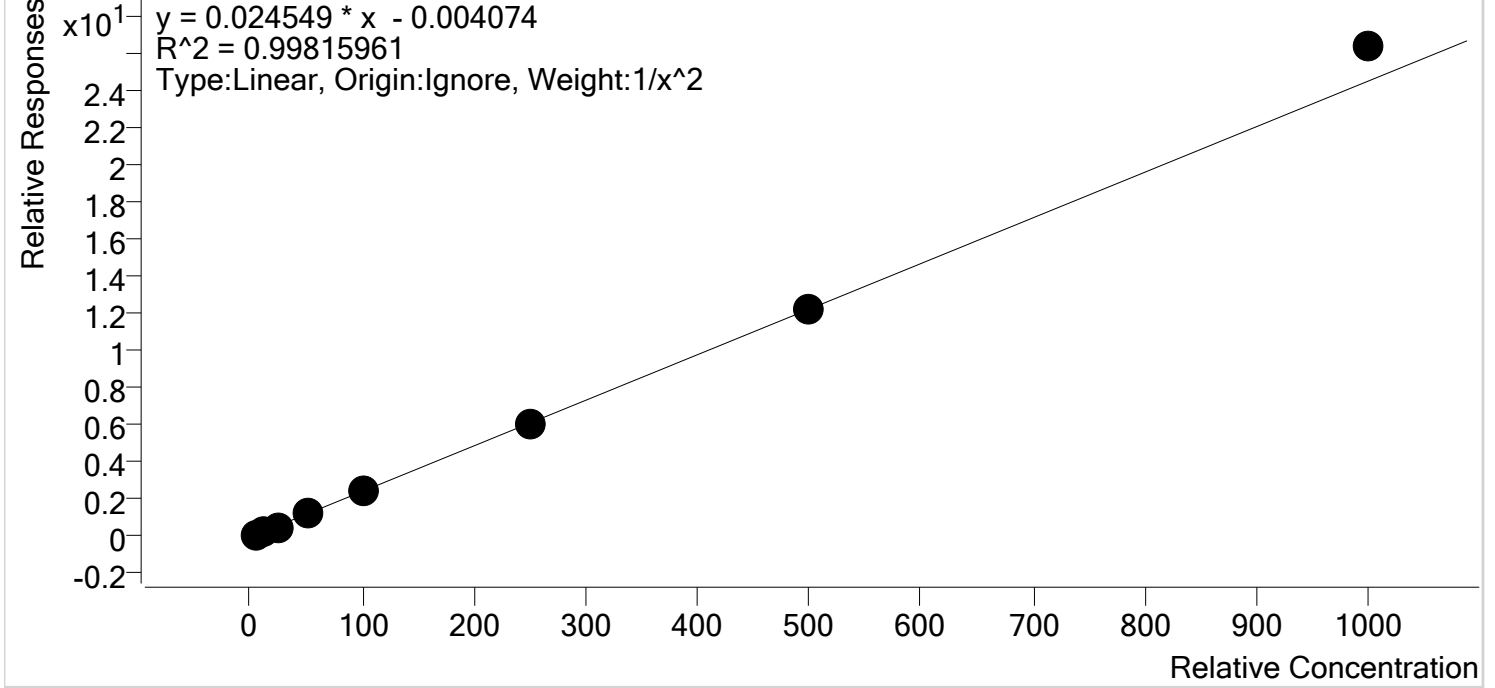


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2- 10ng	2	✓	10.0	9.6	96.5
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	500.4	100.1
p1 Cal 8-1000ng	8	✓	1000.0	1075.7	107.6

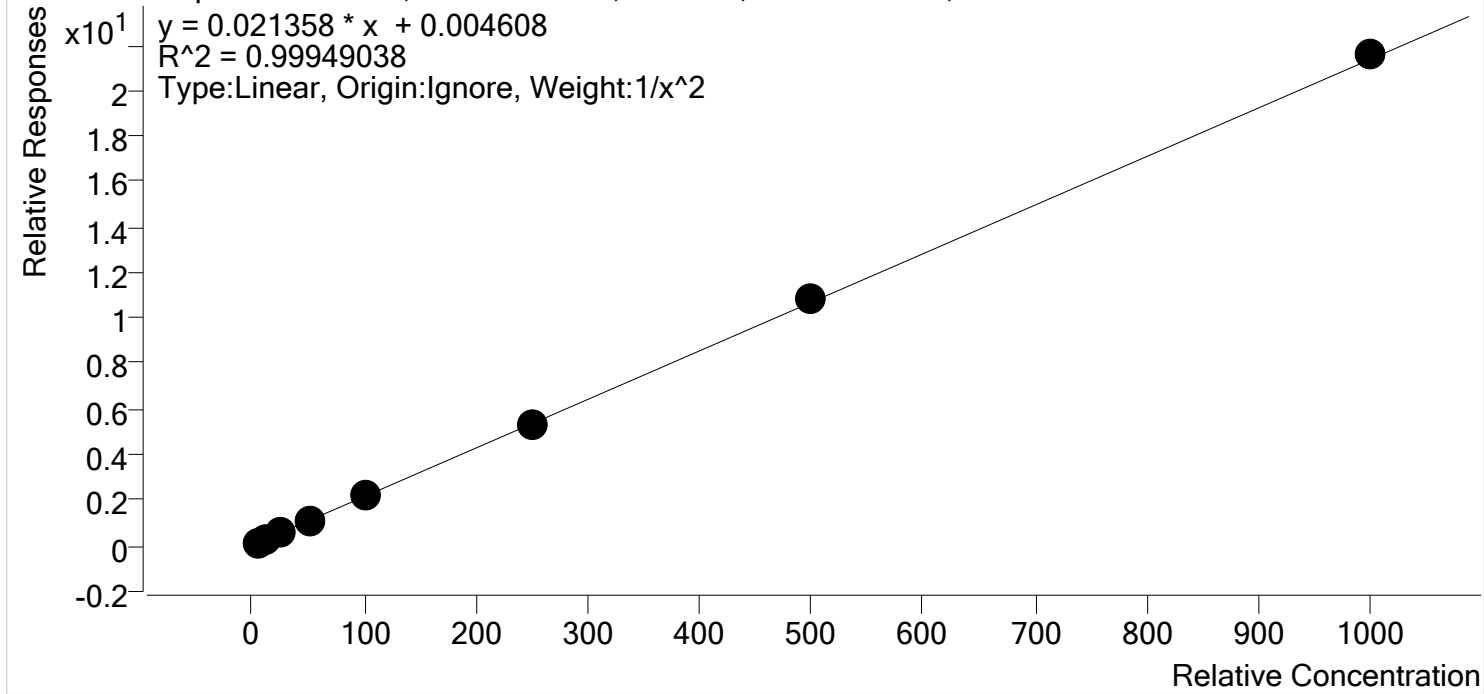
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



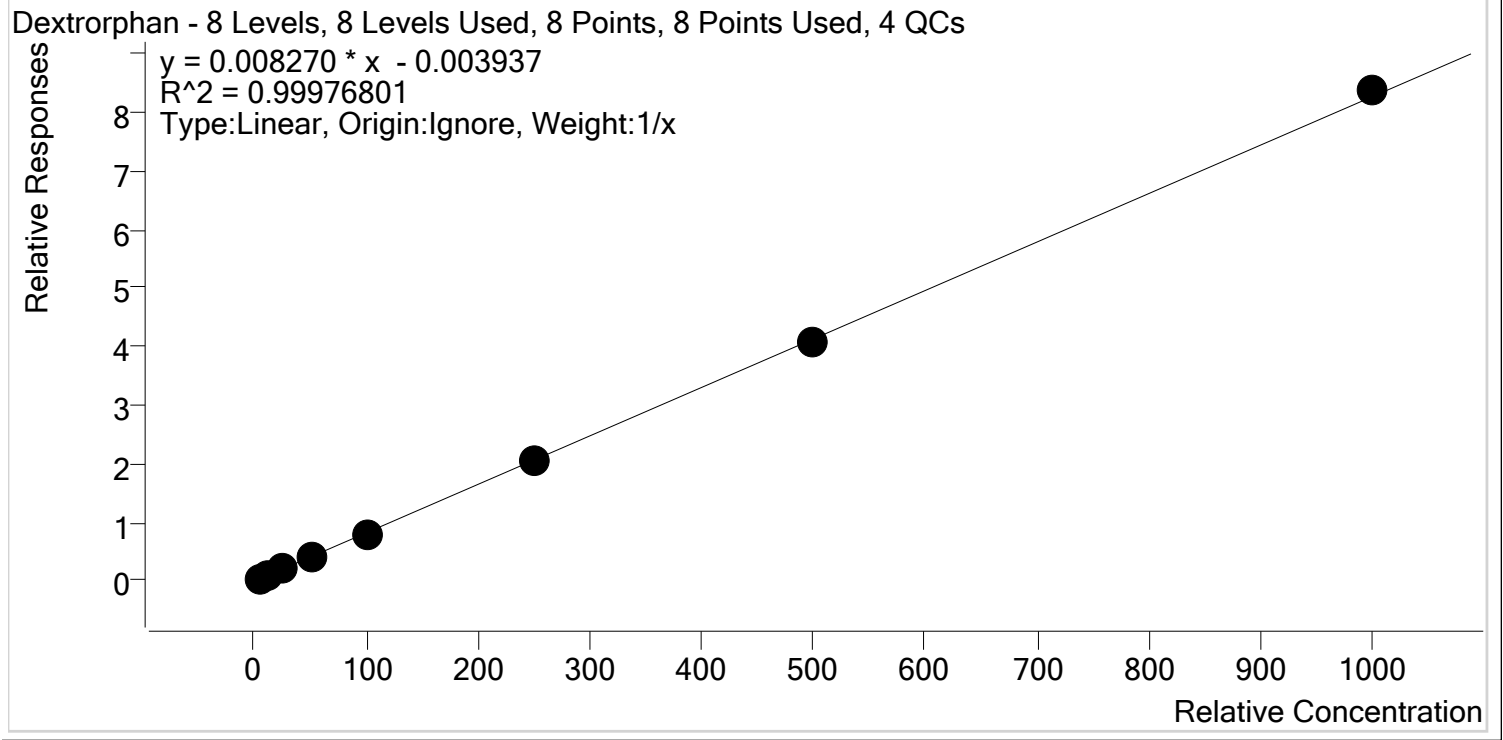
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2- 10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	504.6	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1010.0	101.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.8
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	245.1	98.1
p1 Cal 7-500ng	7	✓	500.0	495.2	99.0
p1 Cal 8-1000ng	8	✓	1000.0	1012.6	101.3

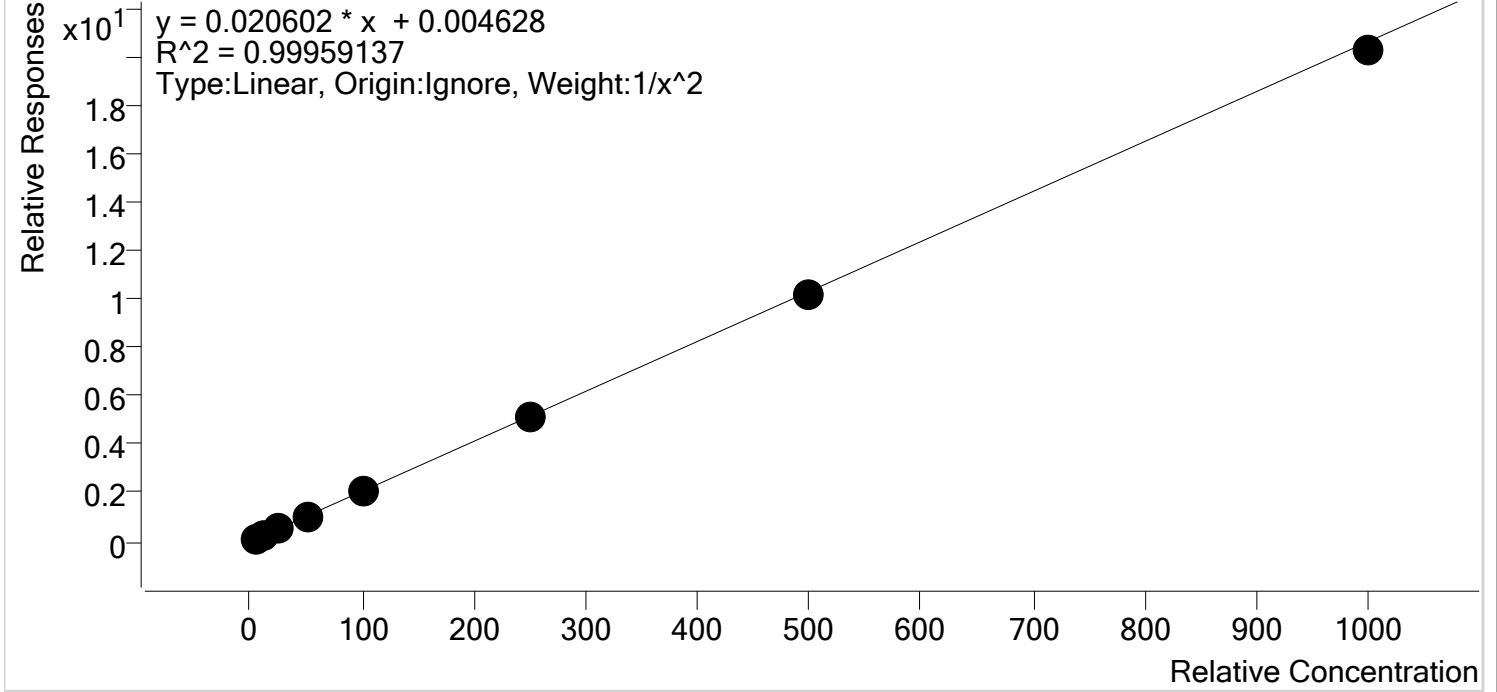


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	491.2	98.2
p1 Cal 8-1000ng	8	✓	1000.0	982.1	98.2

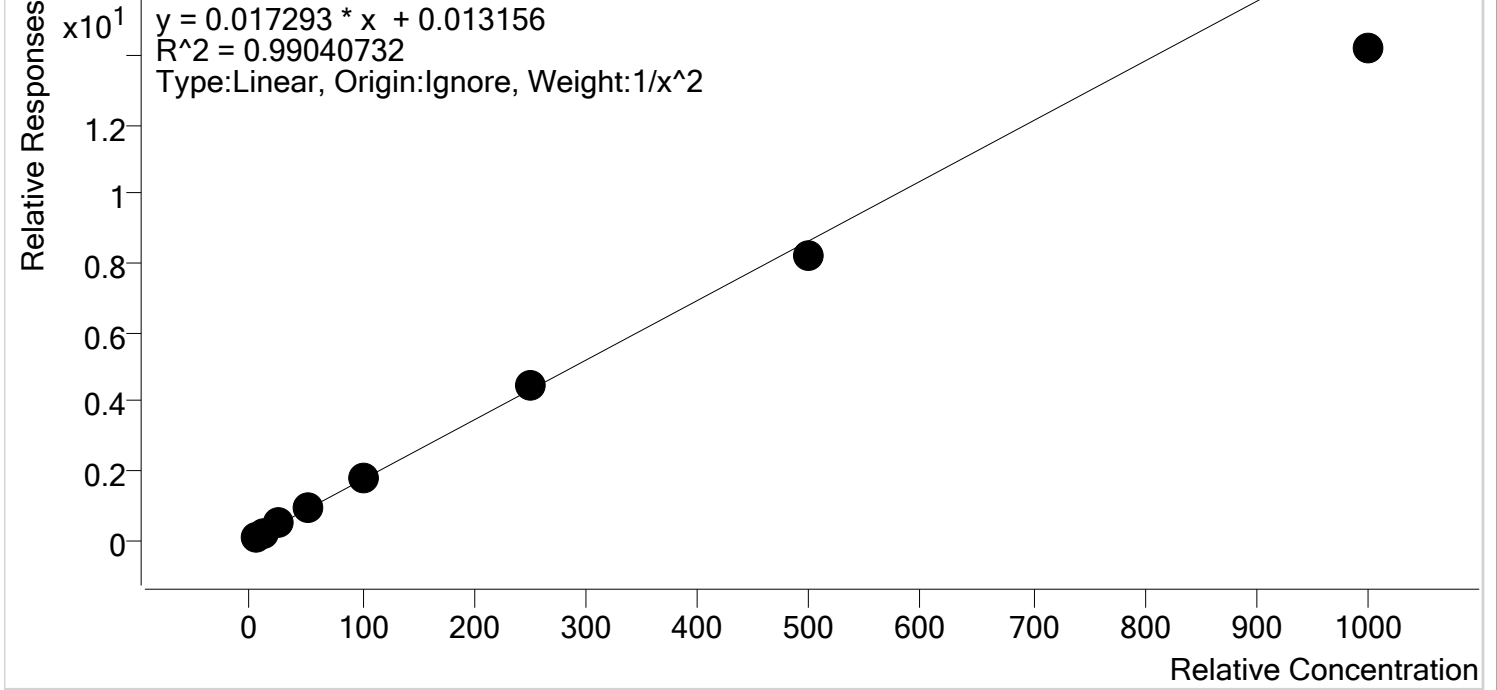


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	54.8	109.6
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	260.5	104.2
p1 Cal 7-500ng	7	✓	500.0	477.4	95.5
p1 Cal 8-1000ng	8	✓	1000.0	821.1	82.1

Compound not evaluated.

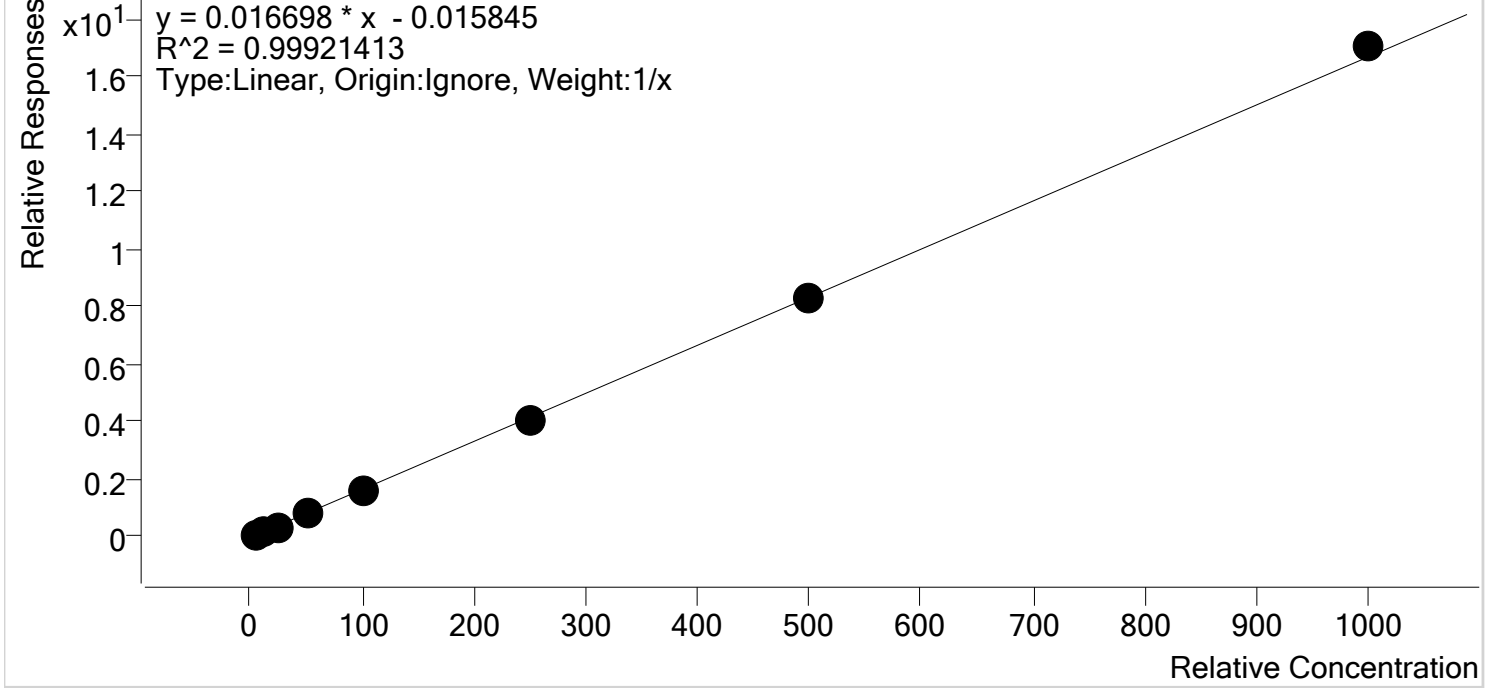


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	115.4
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	241.0	96.4
p1 Cal 7-500ng	7	✓	500.0	495.0	99.0
p1 Cal 8-1000ng	8	✓	1000.0	1021.5	102.2

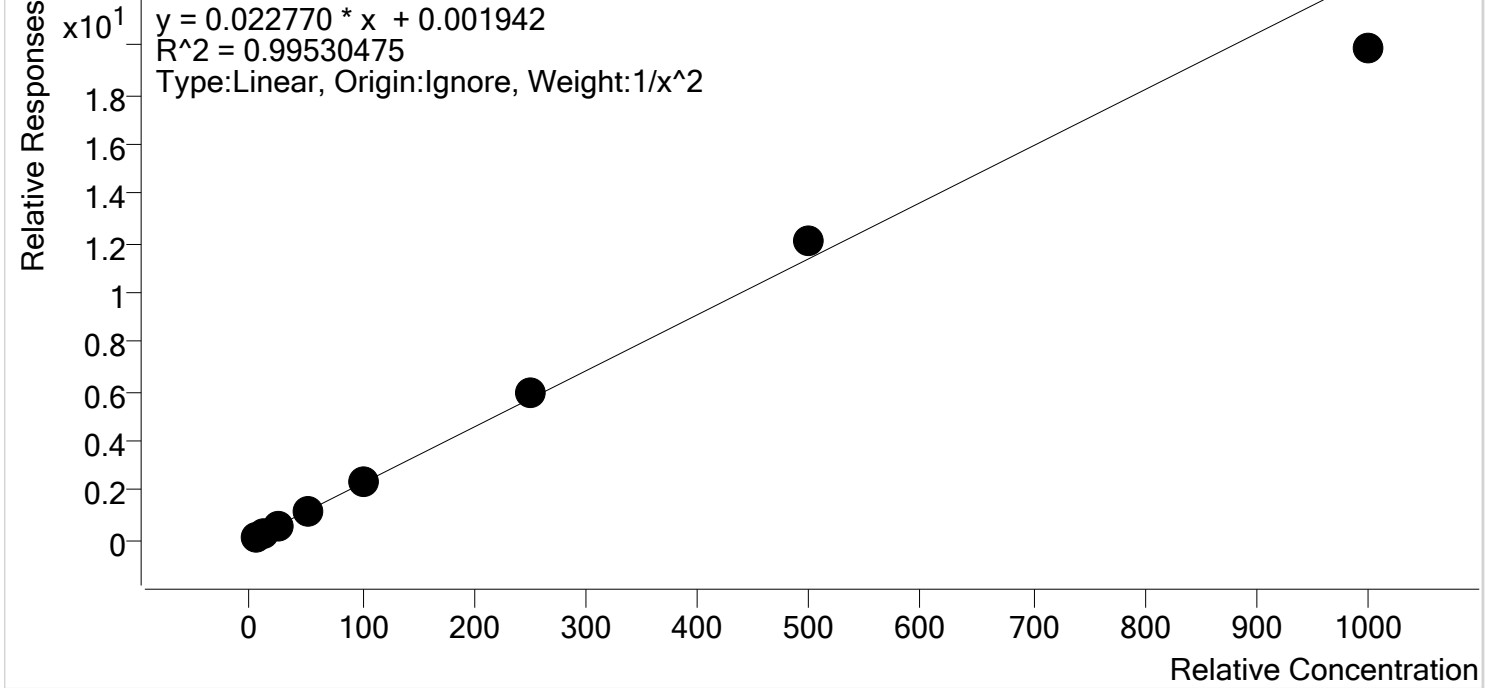


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	262.4	105.0
p1 Cal 7-500ng	7	✓	500.0	528.9	105.8
p1 Cal 8-1000ng	8	✓	1000.0	873.3	87.3

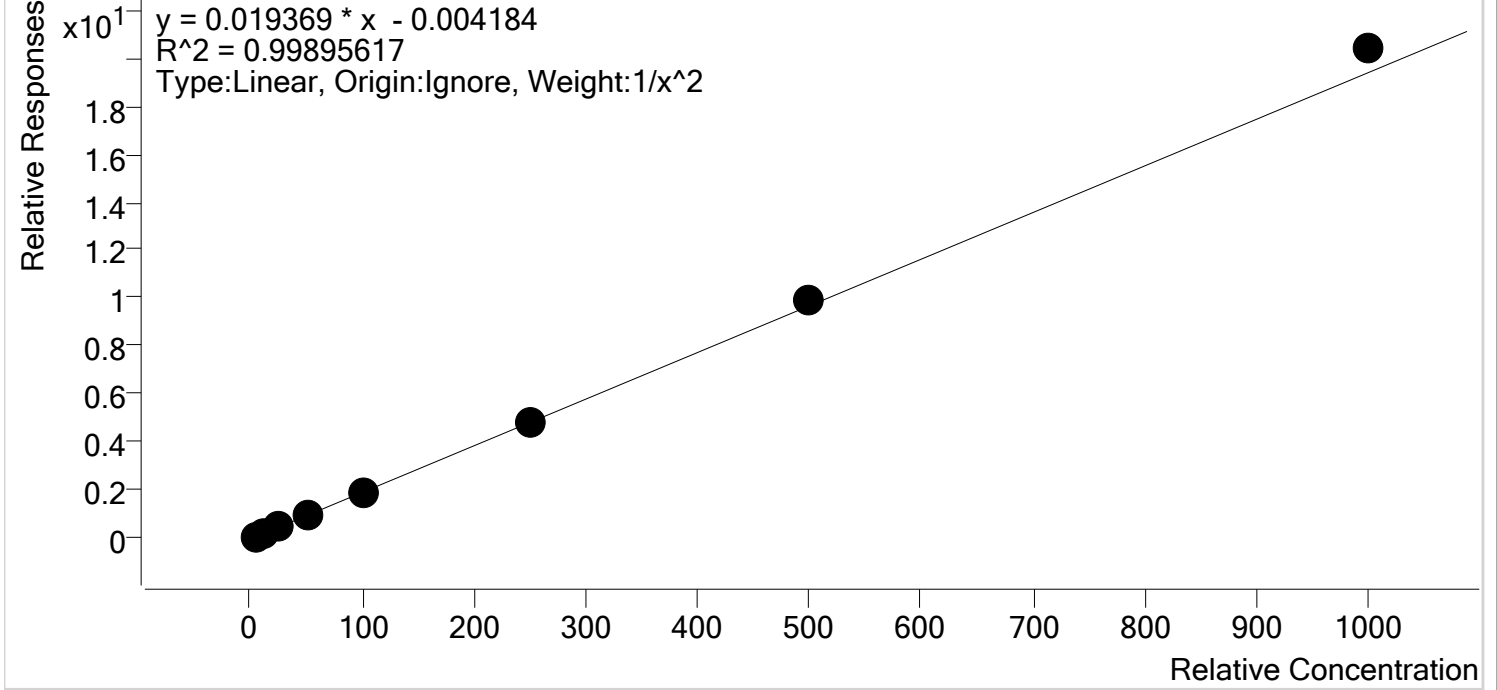


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



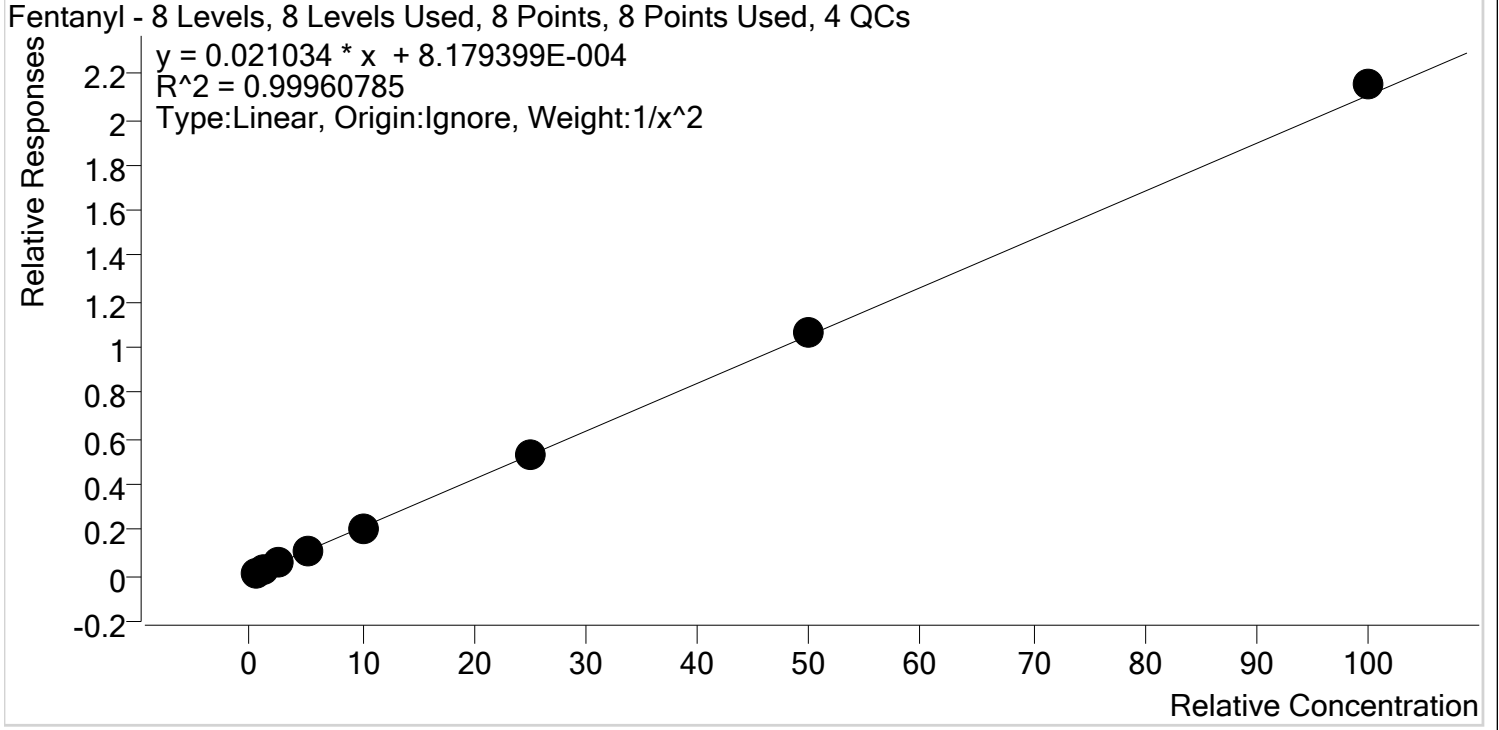
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	49.6	99.1
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	511.9	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1051.6	105.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Fentanyl Internal Standard Fentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.9
p1 Cal 2- 10ng	2	✓	1.0	1.0	99.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.2
p1 Cal 4-50ng	4	✓	5.0	5.1	101.8
p1 Cal 5-100ng	5	✓	10.0	9.9	98.7
p1 Cal 6-250ng	6	✓	25.0	24.8	99.2
p1 Cal 7-500ng	7	✓	50.0	50.4	100.8
p1 Cal 8-1000ng	8	✓	100.0	102.3	102.3

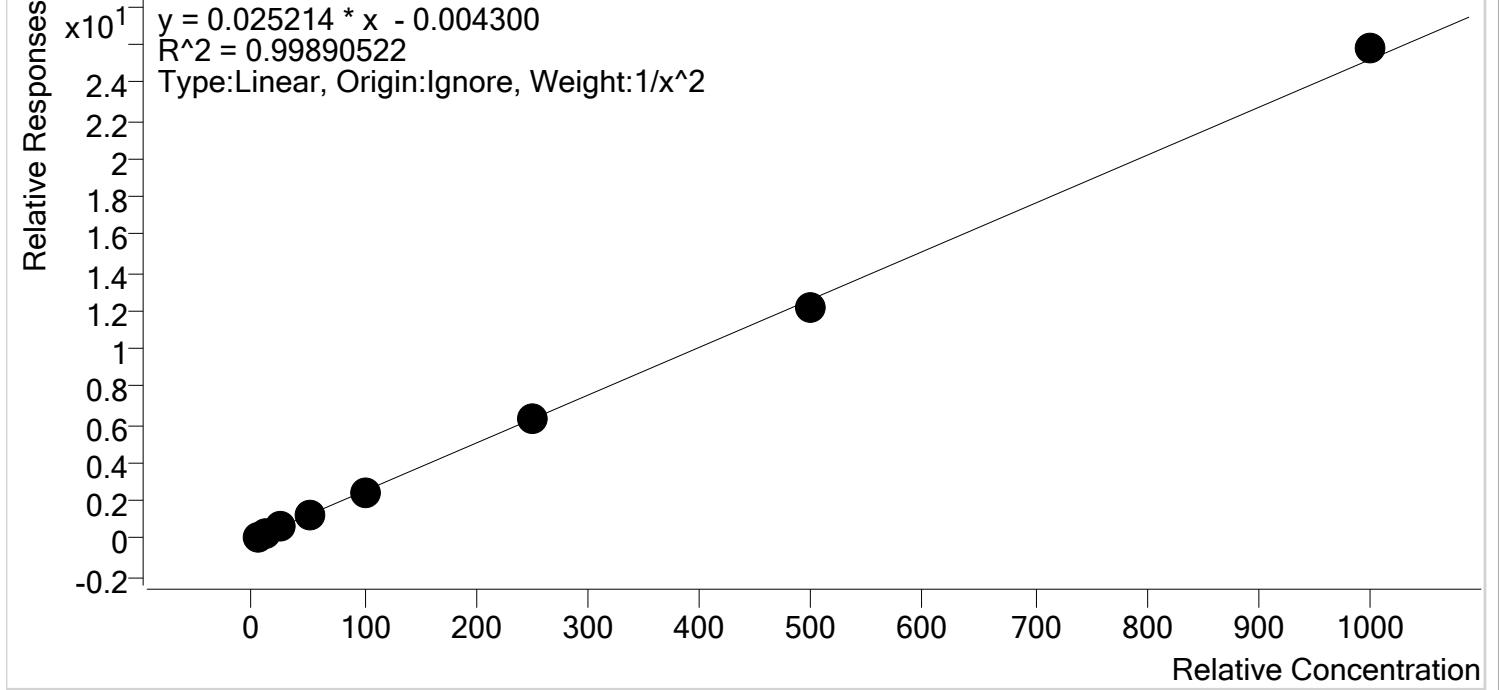


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Fluoxetine Internal Standard Fluoxetine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2- 10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.2
p1 Cal 4-50ng	4	✓	50.0	51.1	102.1
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	251.9	100.7
p1 Cal 7-500ng	7	✓	500.0	483.6	96.7
p1 Cal 8-1000ng	8	✓	1000.0	1022.8	102.3

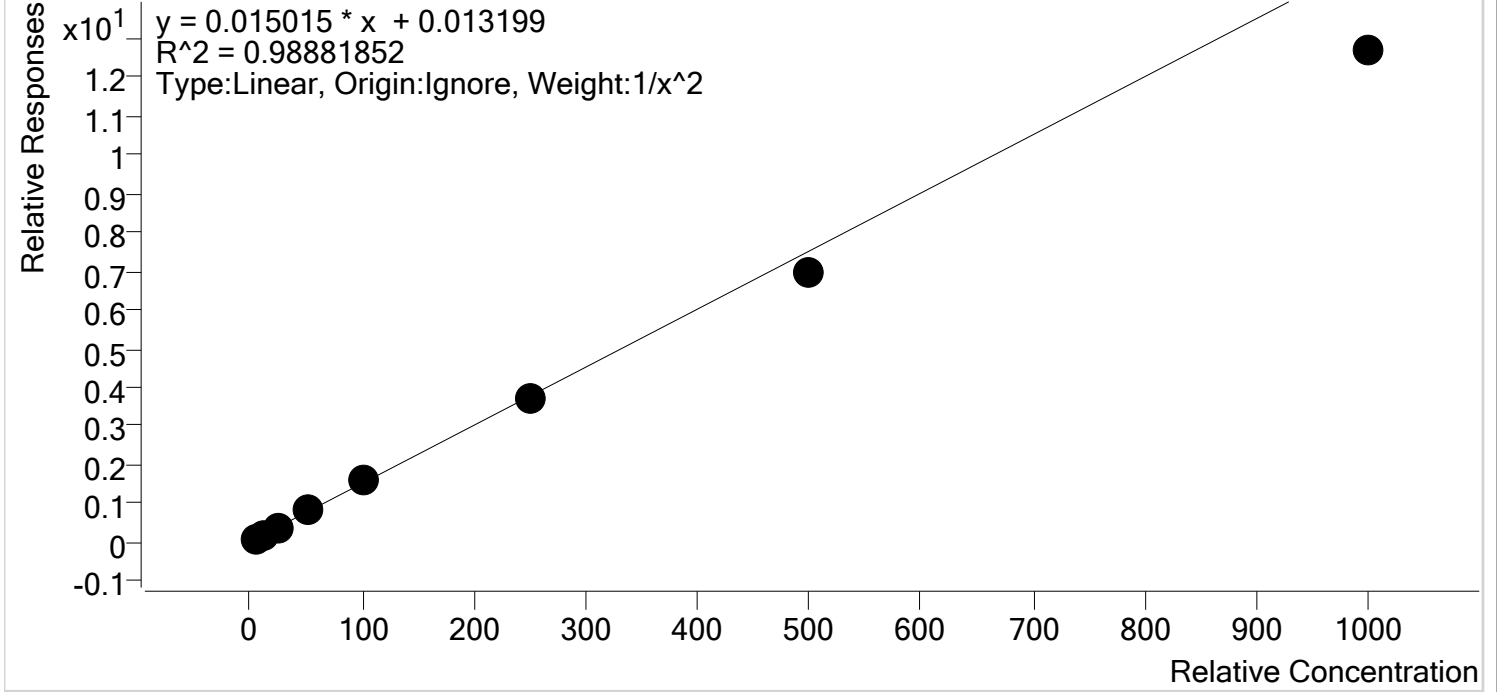


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



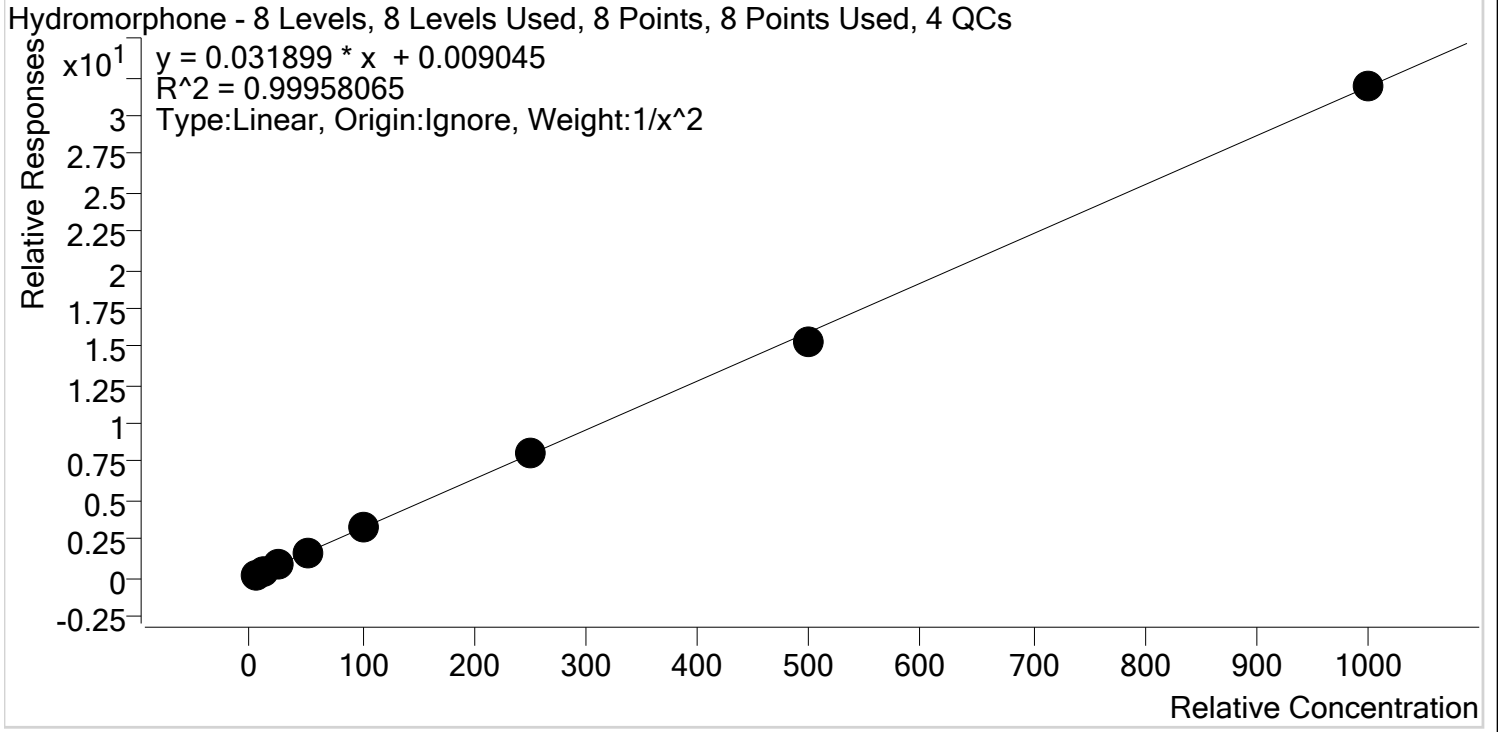
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.3
p1 Cal 2- 10ng	2	✓	10.0	11.0	109.5
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	55.1	110.3
p1 Cal 5-100ng	5	✓	100.0	107.1	107.1
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	463.9	92.8
p1 Cal 8-1000ng	8	✓	1000.0	845.0	84.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	481.9	96.4
p1 Cal 8-1000ng	8	✓	1000.0	1000.3	100.0

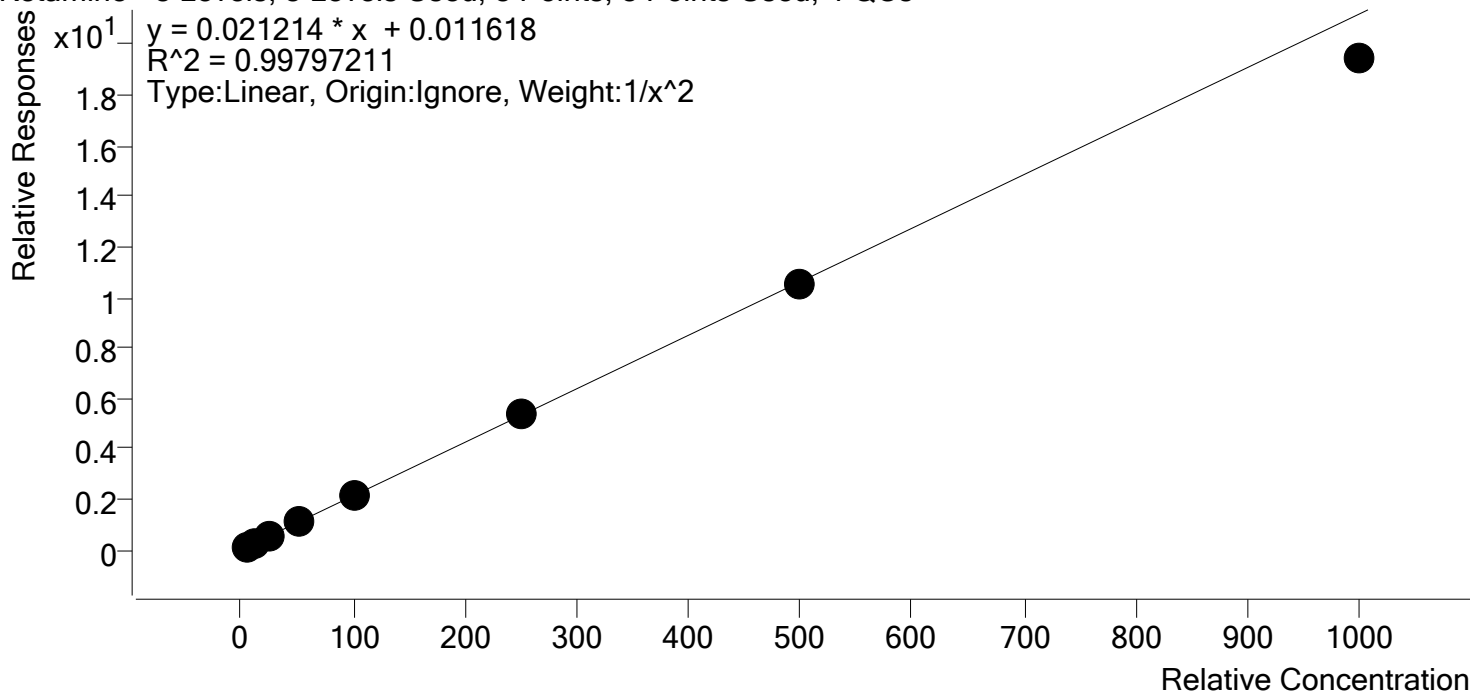
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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



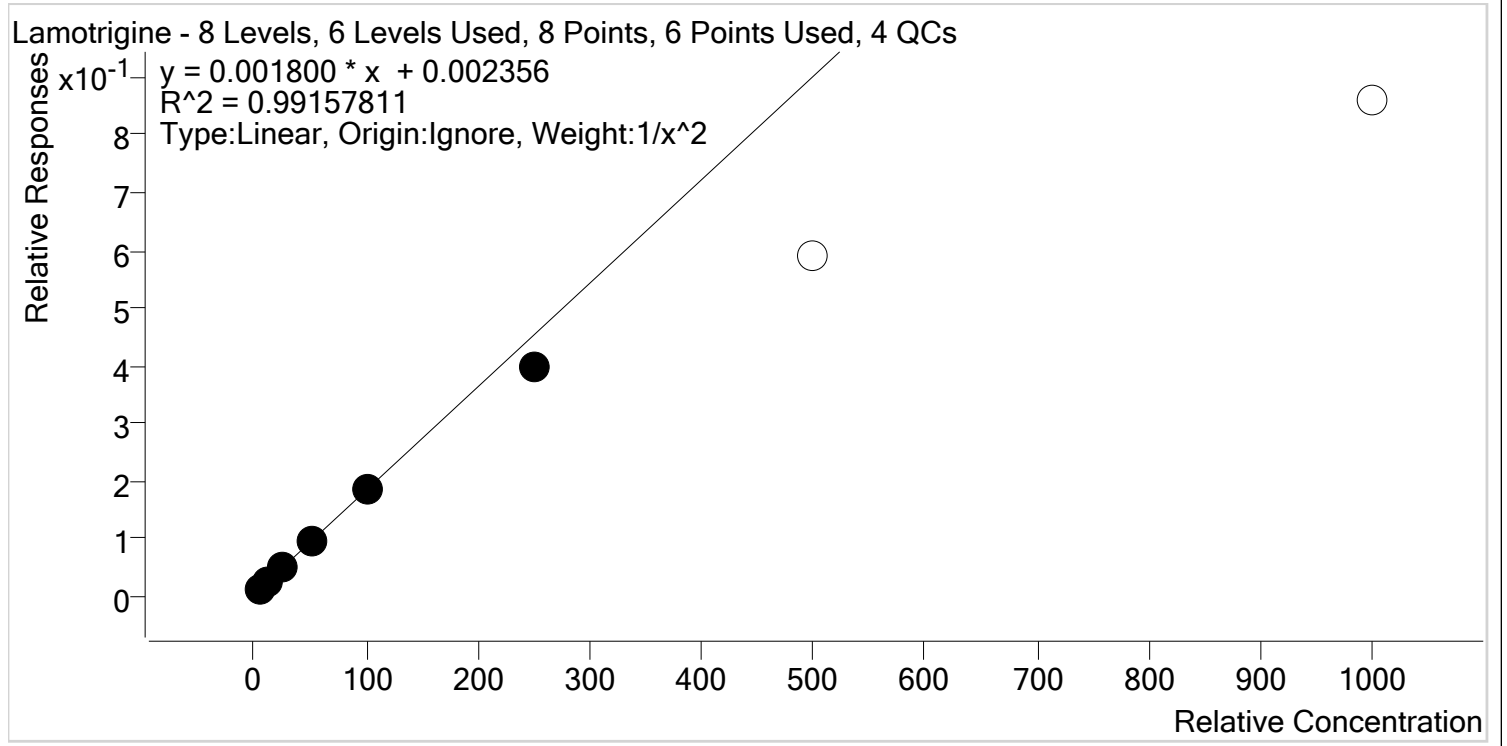
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	251.9	100.8
p1 Cal 7-500ng	7	✓	500.0	494.8	99.0
p1 Cal 8-1000ng	8	✓	1000.0	916.8	91.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Lamotrigine Internal Standard Ketamine-D4



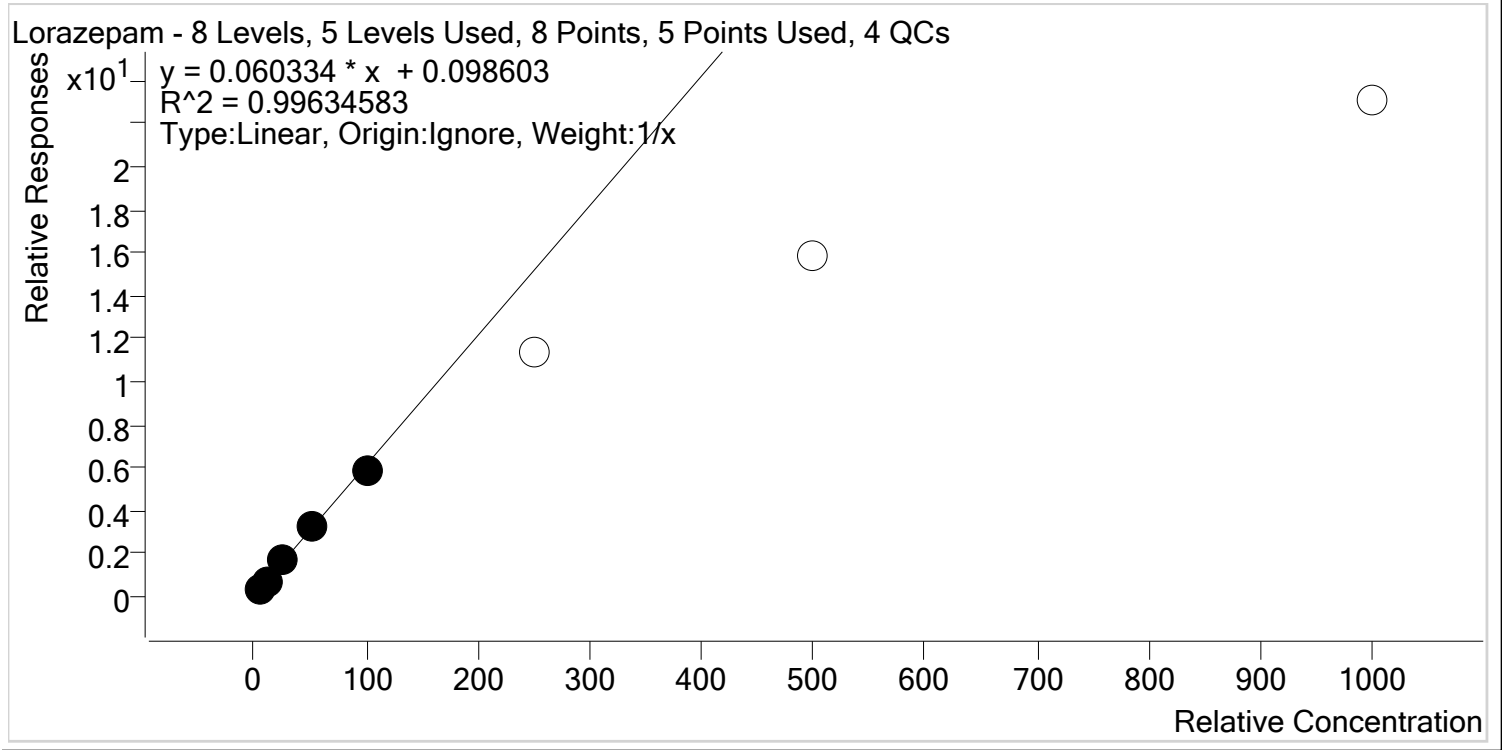
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.6
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	218.3	87.3
p1 Cal 7-500ng	7	x	500.0	325.5	65.1
p1 Cal 8-1000ng	8	x	1000.0	476.5	47.6



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



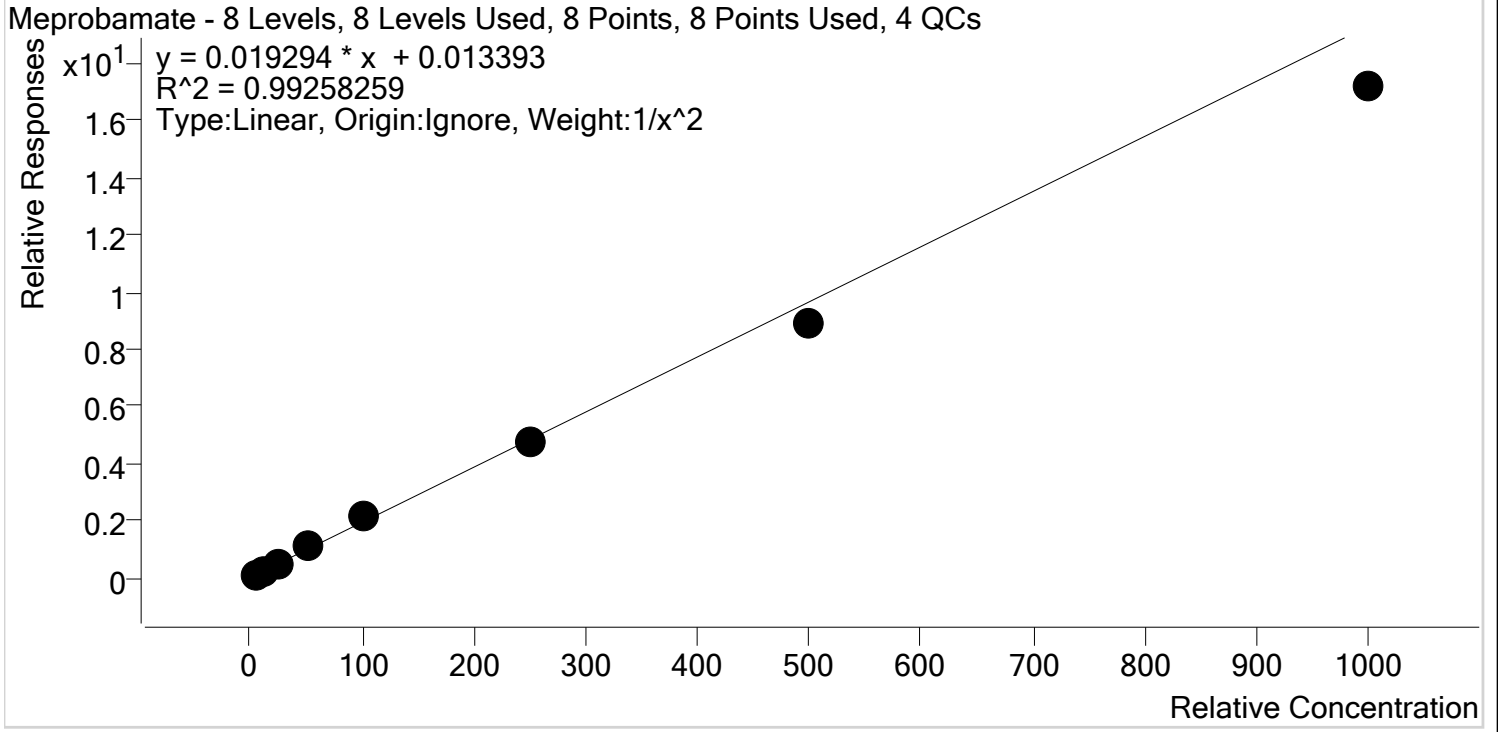
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	93.0
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	53.4	106.7
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✗	250.0	186.3	74.5
p1 Cal 7-500ng	7	✗	500.0	260.8	52.2
p1 Cal 8-1000ng	8	✗	1000.0	381.0	38.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	54.9	109.8
p1 Cal 5-100ng	5	✓	100.0	108.0	108.0
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	459.9	92.0
p1 Cal 8-1000ng	8	✓	1000.0	890.4	89.0

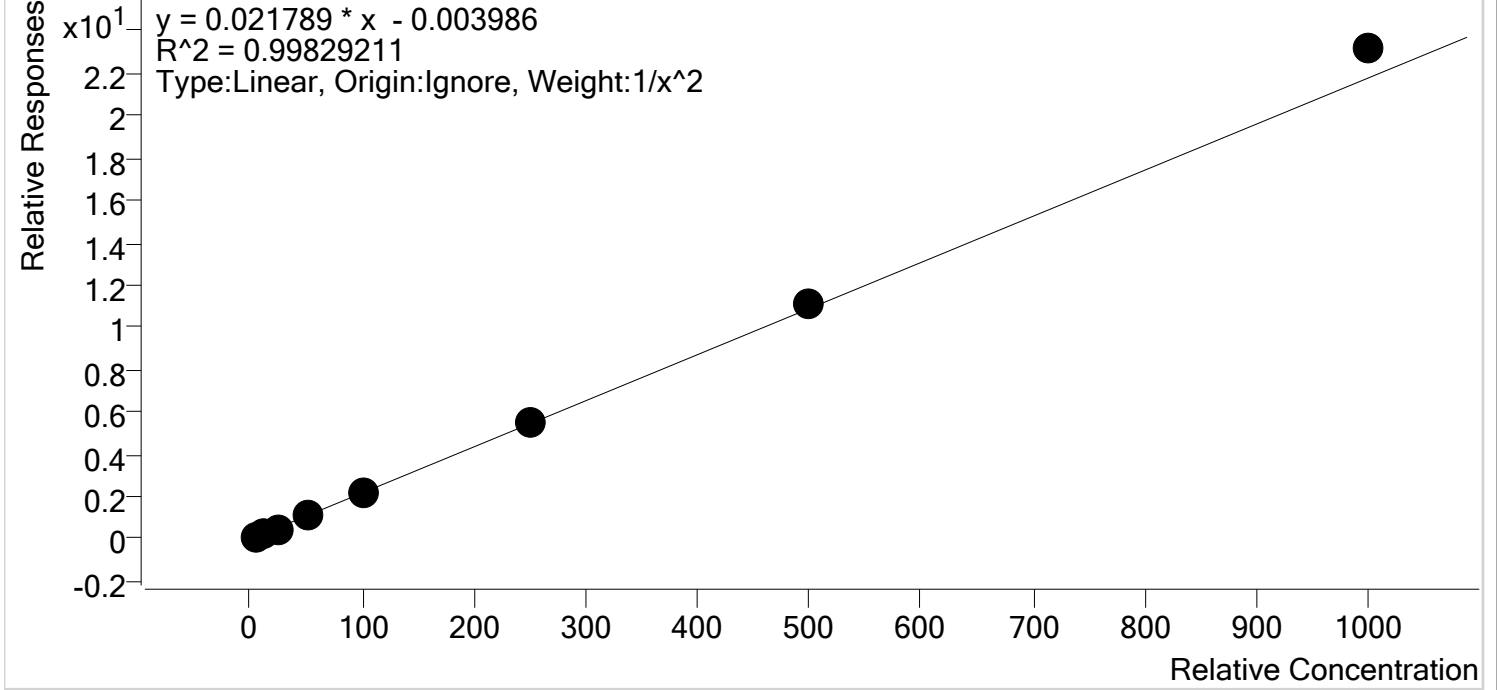


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1063.9	106.4

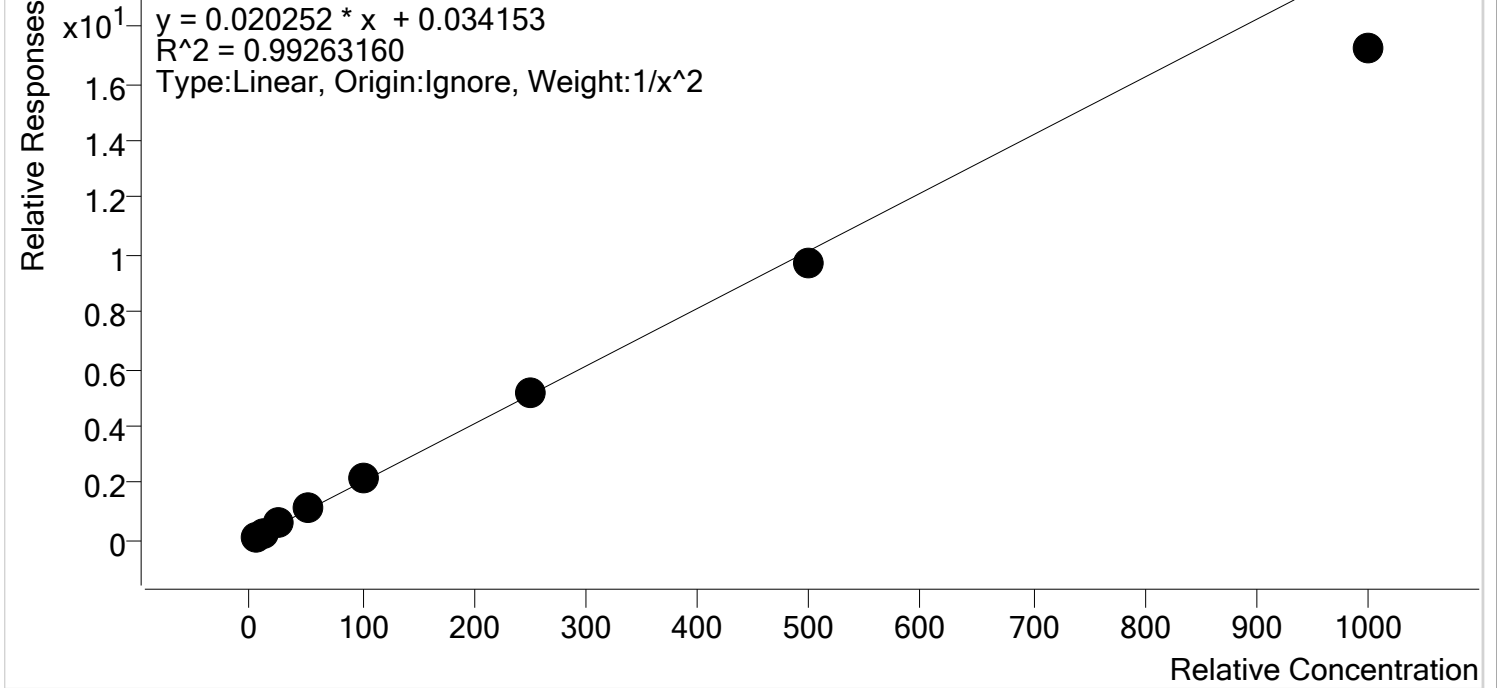


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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



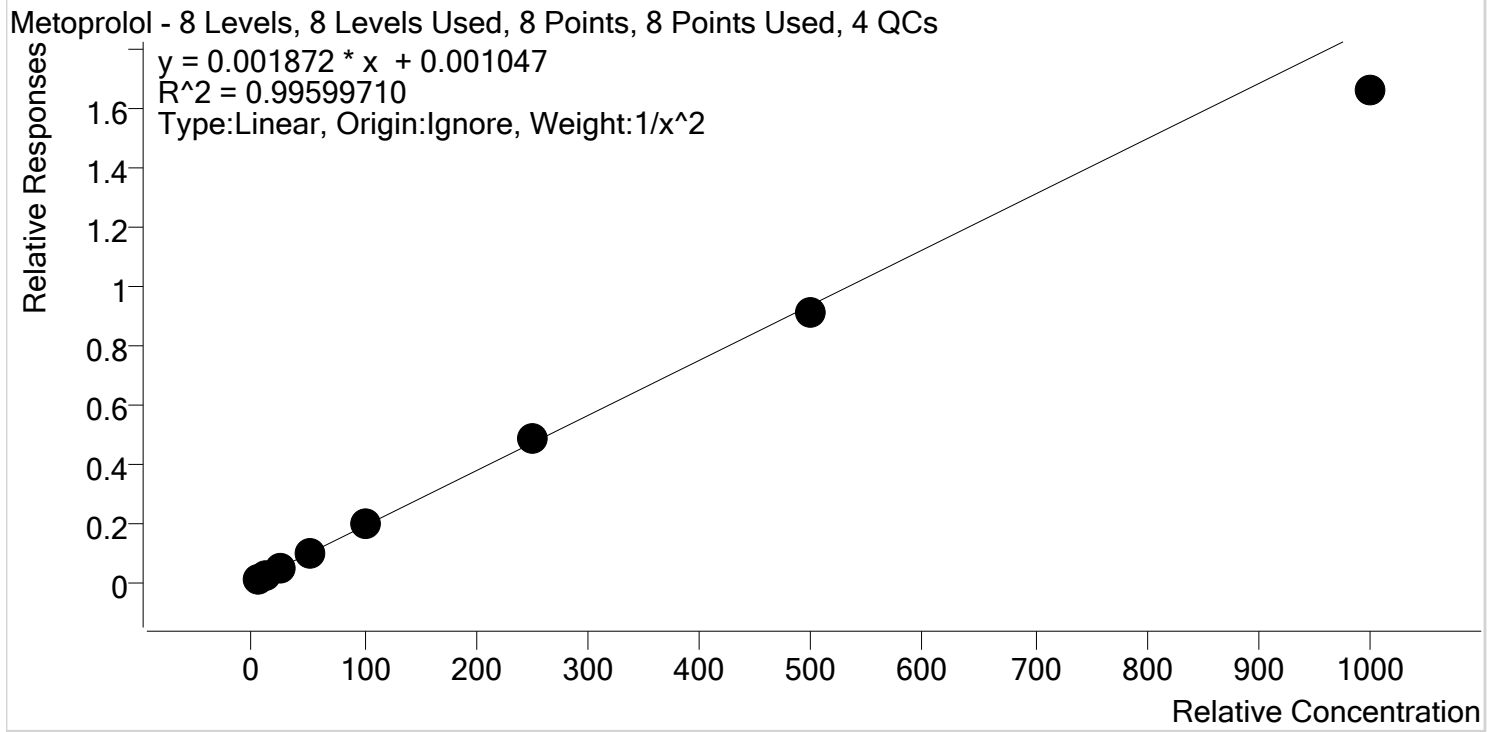
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	54.7	109.4
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	478.3	95.7
p1 Cal 8-1000ng	8	✓	1000.0	849.6	85.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	260.3	104.1
p1 Cal 7-500ng	7	✓	500.0	483.4	96.7
p1 Cal 8-1000ng	8	✓	1000.0	887.6	88.8

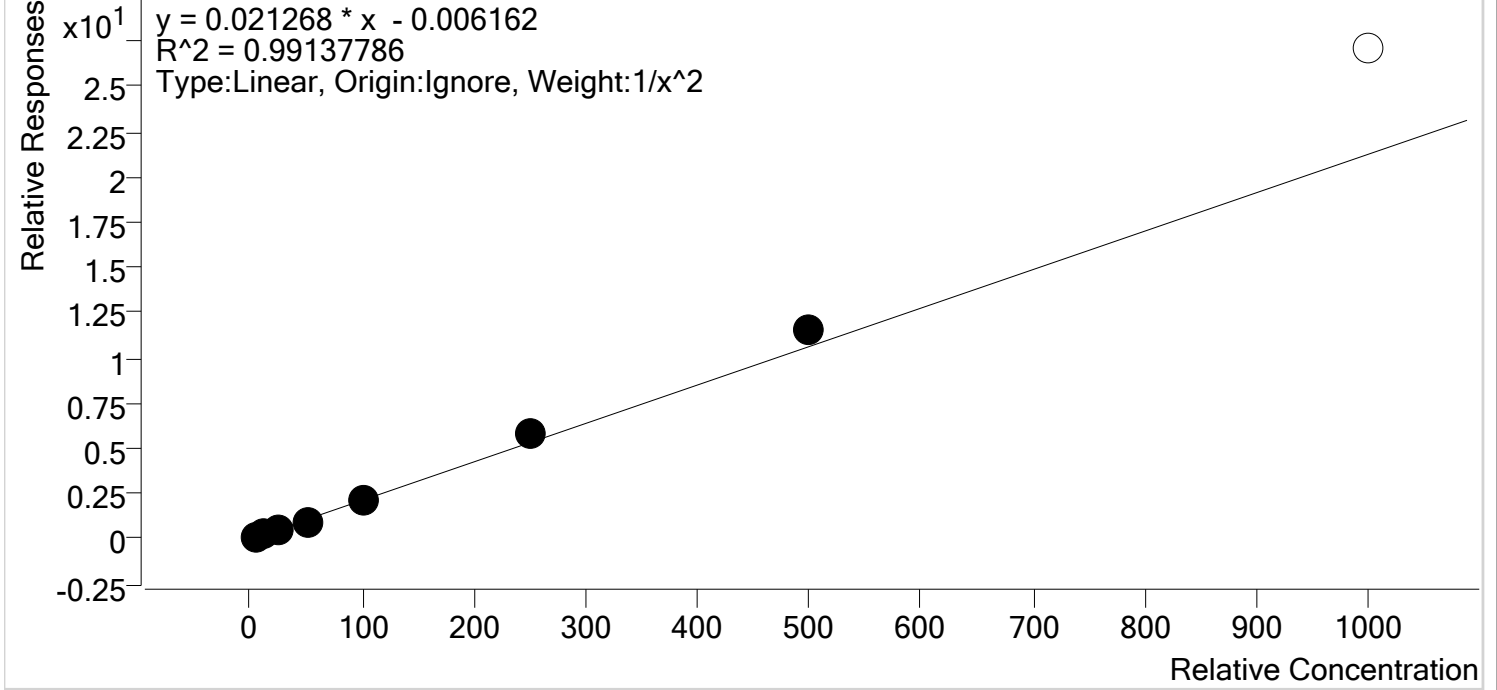


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Mirtazapine Internal Standard alpha-PVP-d8

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



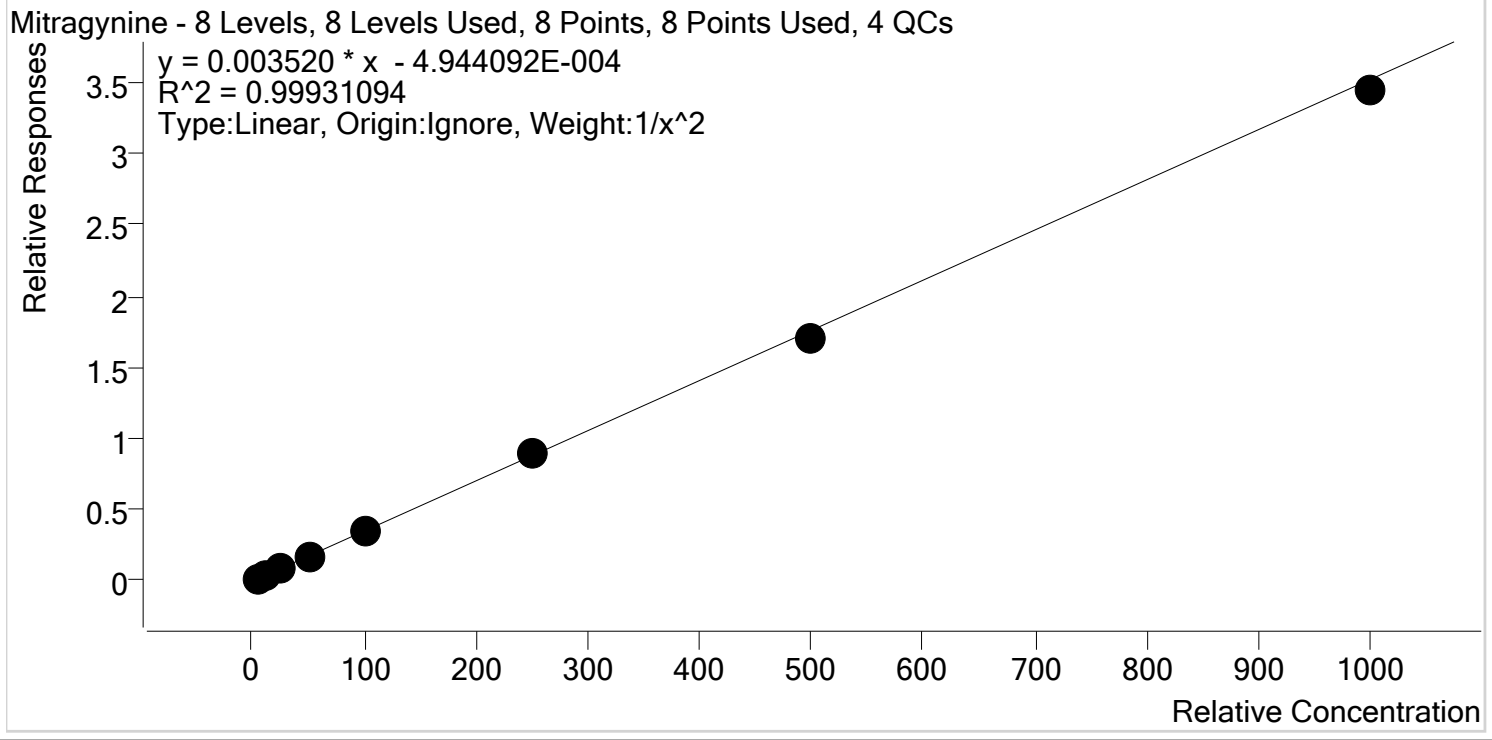
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.5
p1 Cal 2- 10ng	2	✓	10.0	9.0	90.1
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	46.1	92.2
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	272.6	109.1
p1 Cal 7-500ng	7	✓	500.0	539.7	107.9
p1 Cal 8-1000ng	8	x	1000.0	1275.0	127.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	256.4	102.6
p1 Cal 7-500ng	7	✓	500.0	481.7	96.3
p1 Cal 8-1000ng	8	✓	1000.0	977.9	97.8

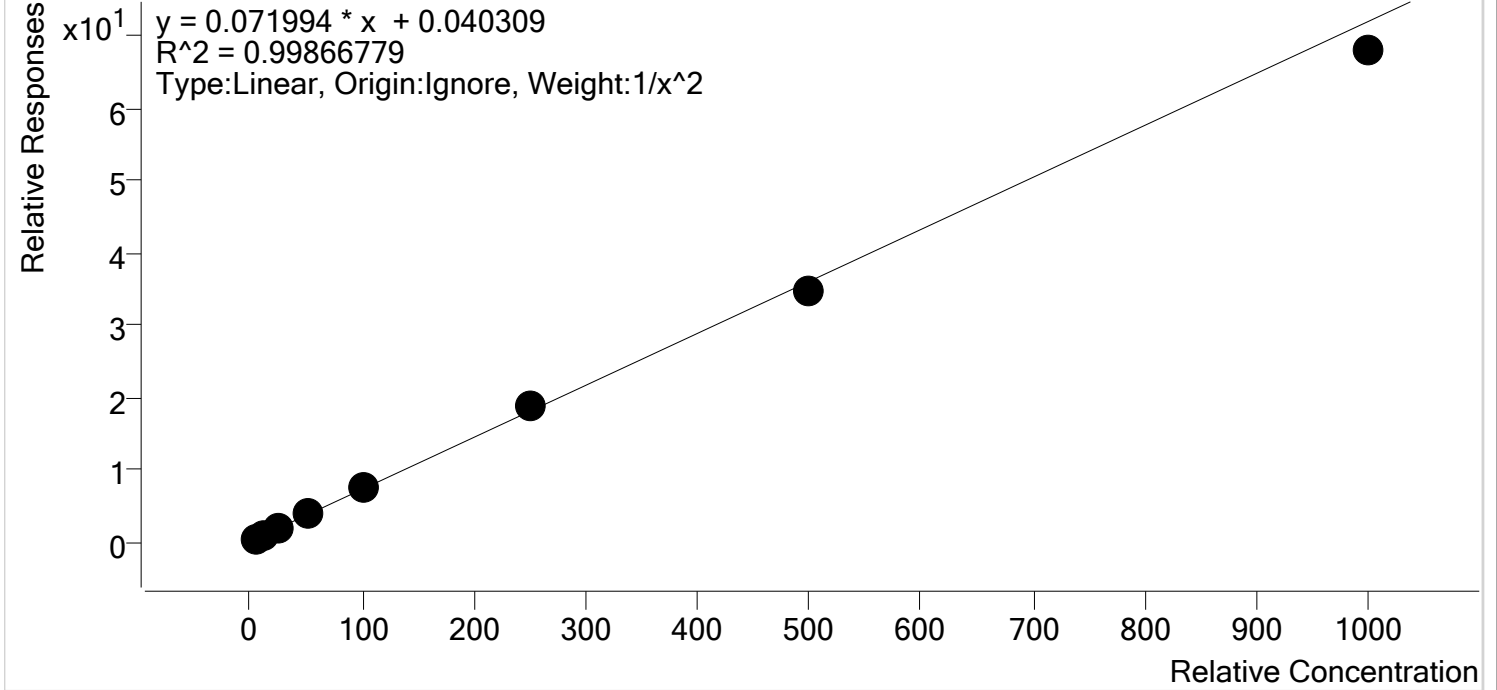


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Morphine Internal Standard Morphine-D6

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



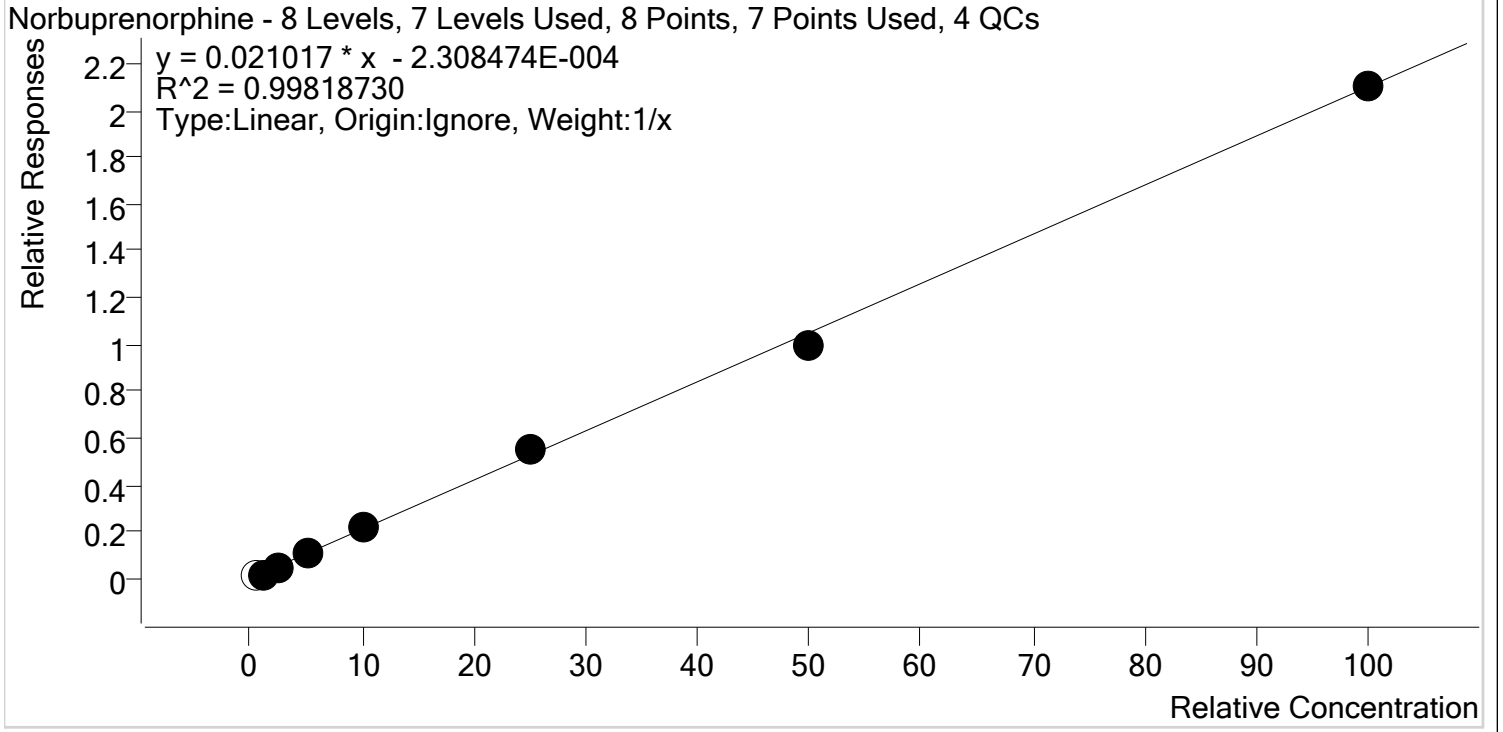
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	257.7	103.1
p1 Cal 7-500ng	7	✓	500.0	484.3	96.9
p1 Cal 8-1000ng	8	✓	1000.0	944.0	94.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



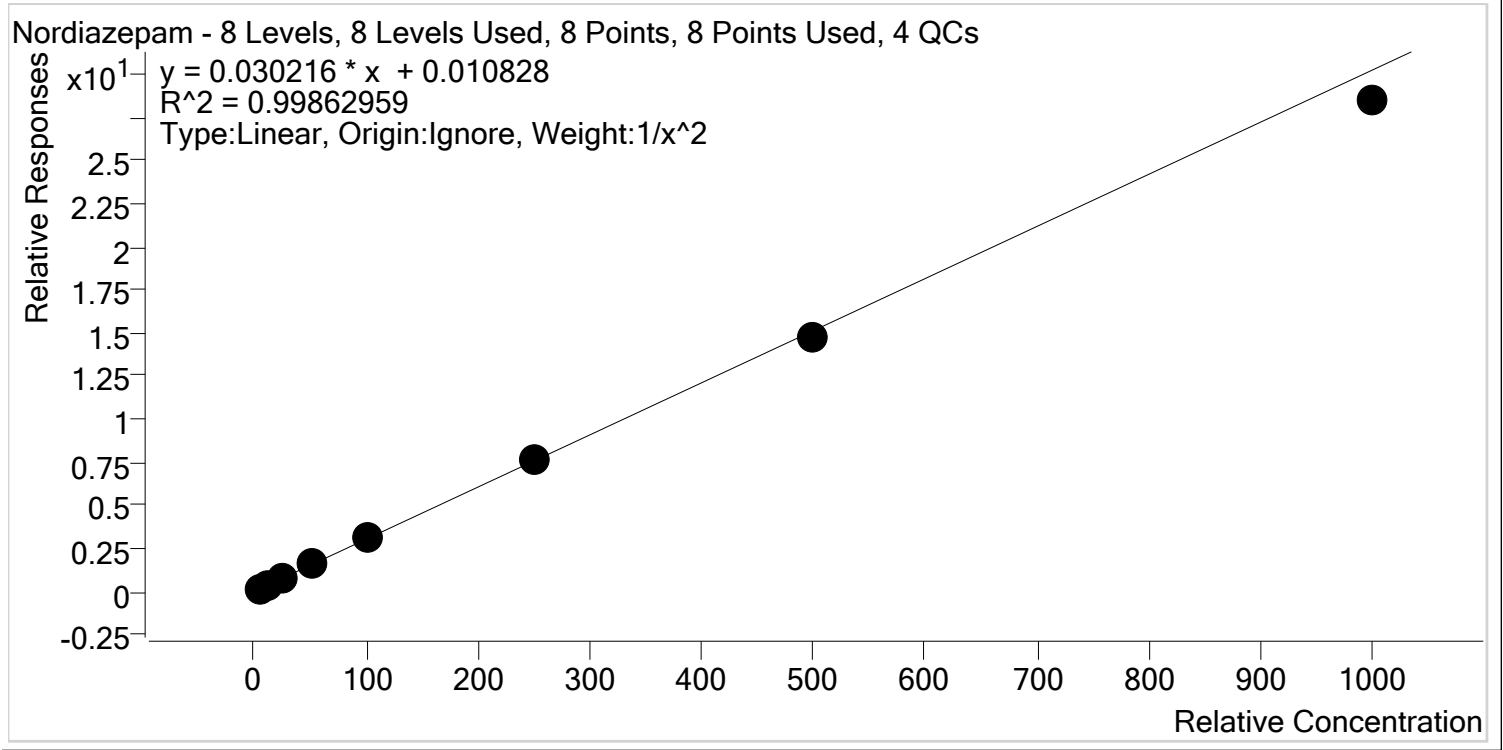
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.7	146.9
p1 Cal 2- 10ng	2	✓	1.0	0.9	90.2
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.0
p1 Cal 4-50ng	4	✓	5.0	5.5	109.8
p1 Cal 5-100ng	5	✓	10.0	10.7	107.2
p1 Cal 6-250ng	6	✓	25.0	26.3	105.3
p1 Cal 7-500ng	7	✓	50.0	47.7	95.4
p1 Cal 8-1000ng	8	✓	100.0	100.1	100.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



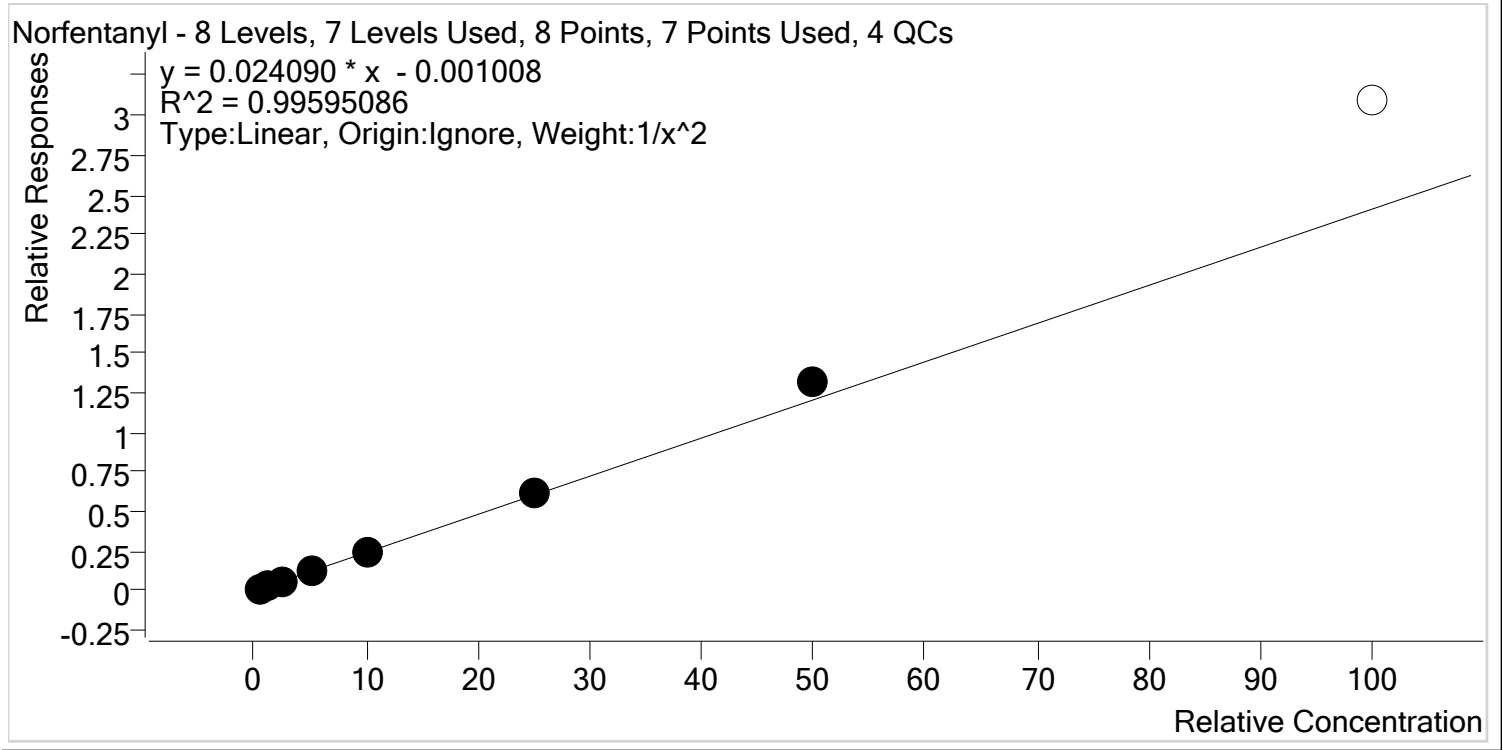
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	486.6	97.3
p1 Cal 8-1000ng	8	✓	1000.0	941.5	94.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Norfentanyl Internal Standard Norfentanyl-D5



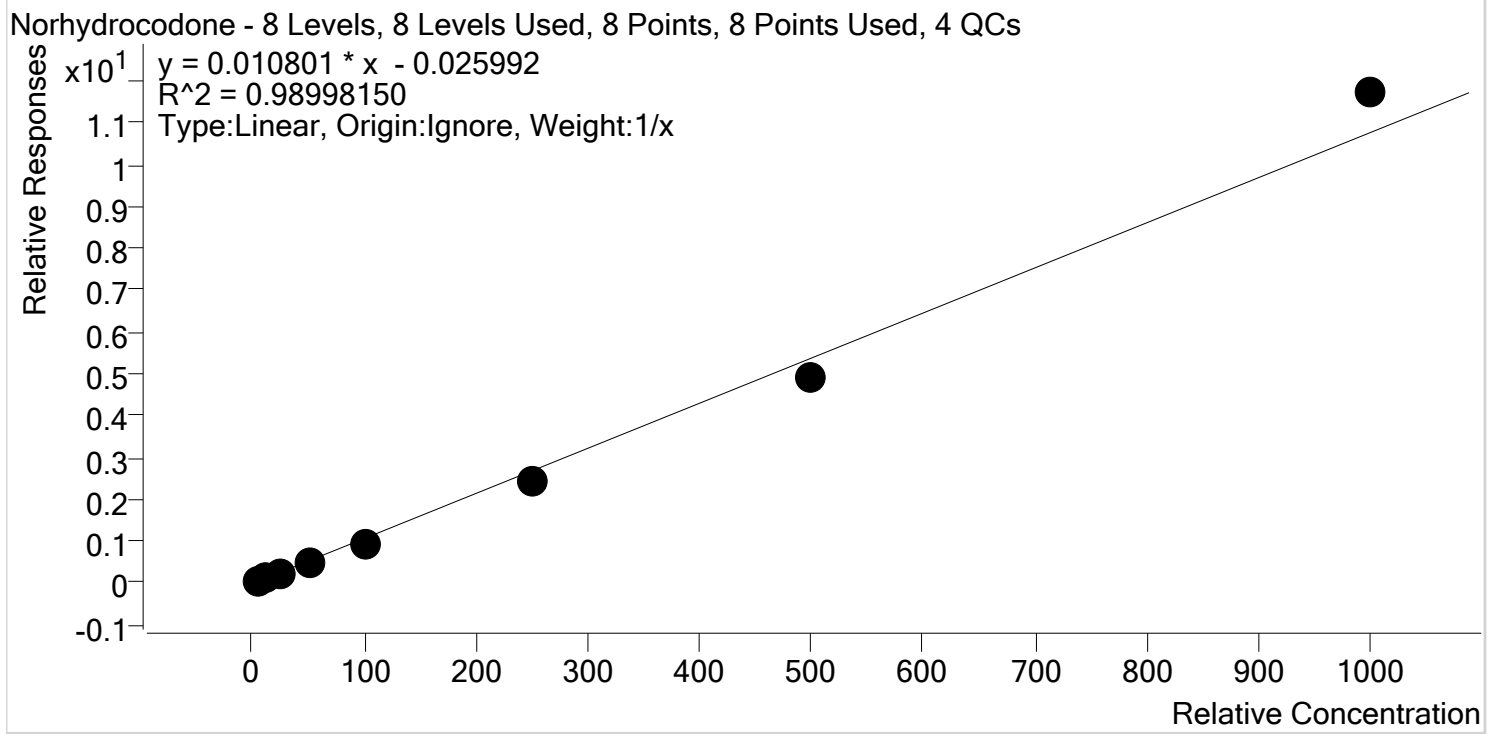
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.6
p1 Cal 2- 10ng	2	✓	1.0	1.0	97.9
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.8
p1 Cal 4-50ng	4	✓	5.0	4.9	97.6
p1 Cal 5-100ng	5	✓	10.0	9.7	96.7
p1 Cal 6-250ng	6	✓	25.0	25.3	101.1
p1 Cal 7-500ng	7	✓	50.0	55.2	110.3
p1 Cal 8-1000ng	8	✗	100.0	128.4	128.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.5	129.8
p1 Cal 2- 10ng	2	✓	10.0	11.0	109.6
p1 Cal 3 -25ng	3	✓	25.0	22.5	90.1
p1 Cal 4-50ng	4	✓	50.0	48.2	96.3
p1 Cal 5-100ng	5	✓	100.0	84.7	84.7
p1 Cal 6-250ng	6	✓	250.0	225.0	90.0
p1 Cal 7-500ng	7	✓	500.0	453.5	90.7
p1 Cal 8-1000ng	8	✓	1000.0	1088.8	108.9

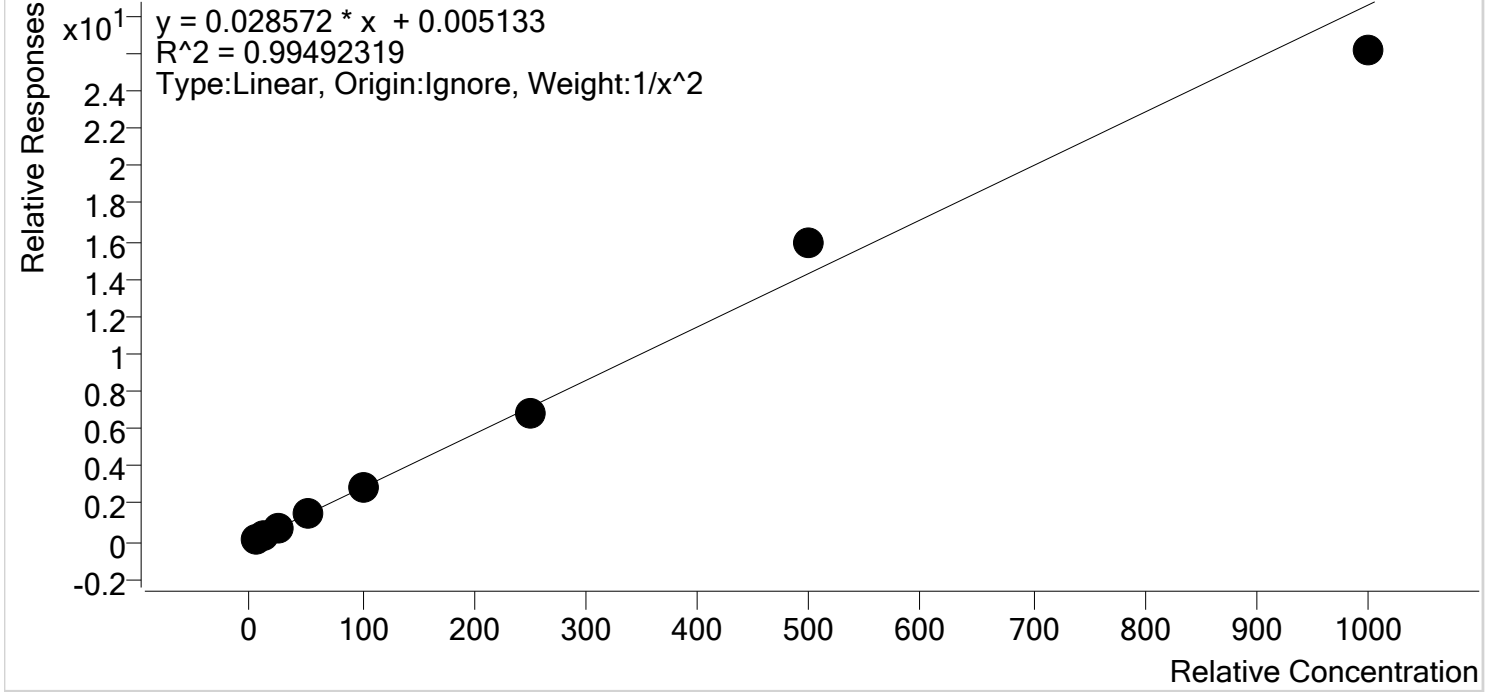


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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



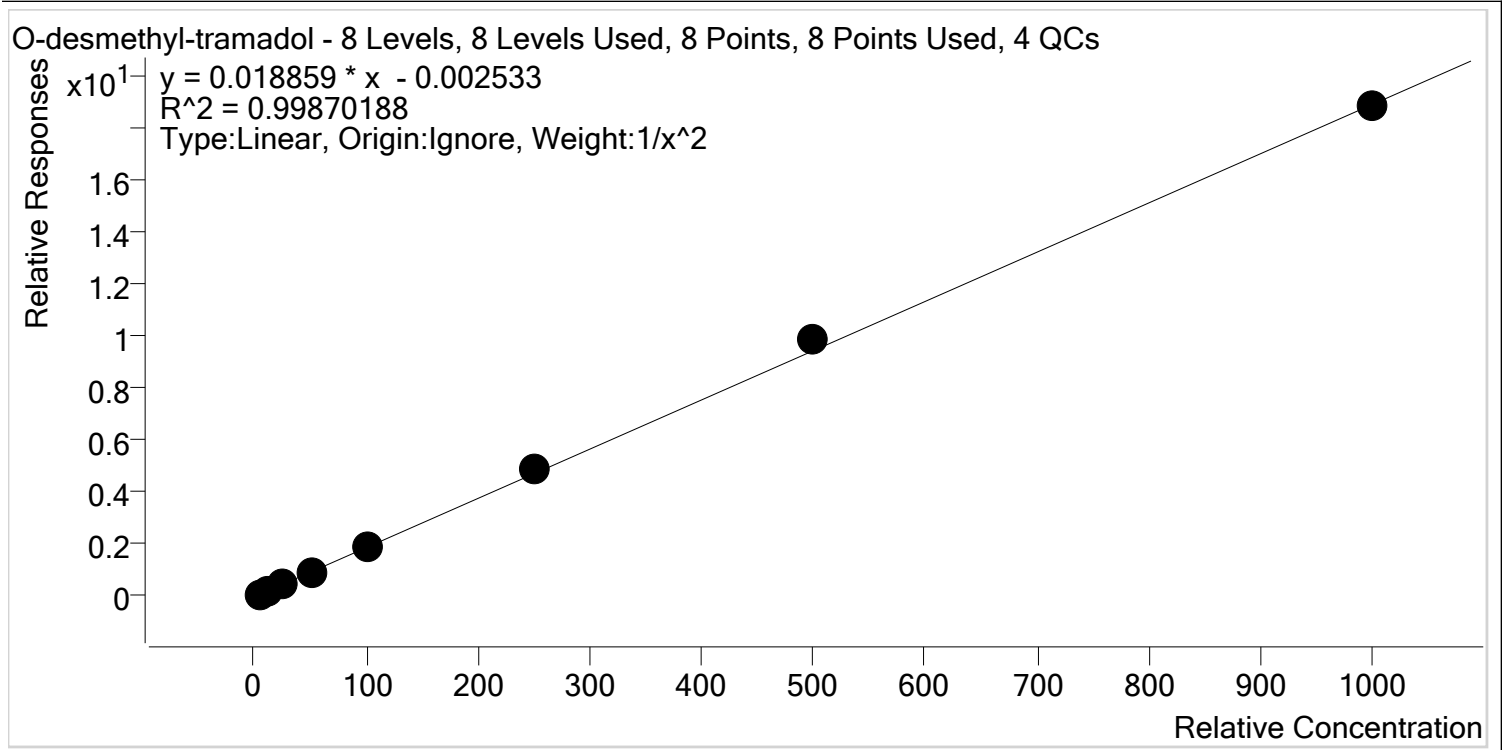
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	236.9	94.8
p1 Cal 7-500ng	7	✓	500.0	558.2	111.6
p1 Cal 8-1000ng	8	✓	1000.0	915.0	91.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



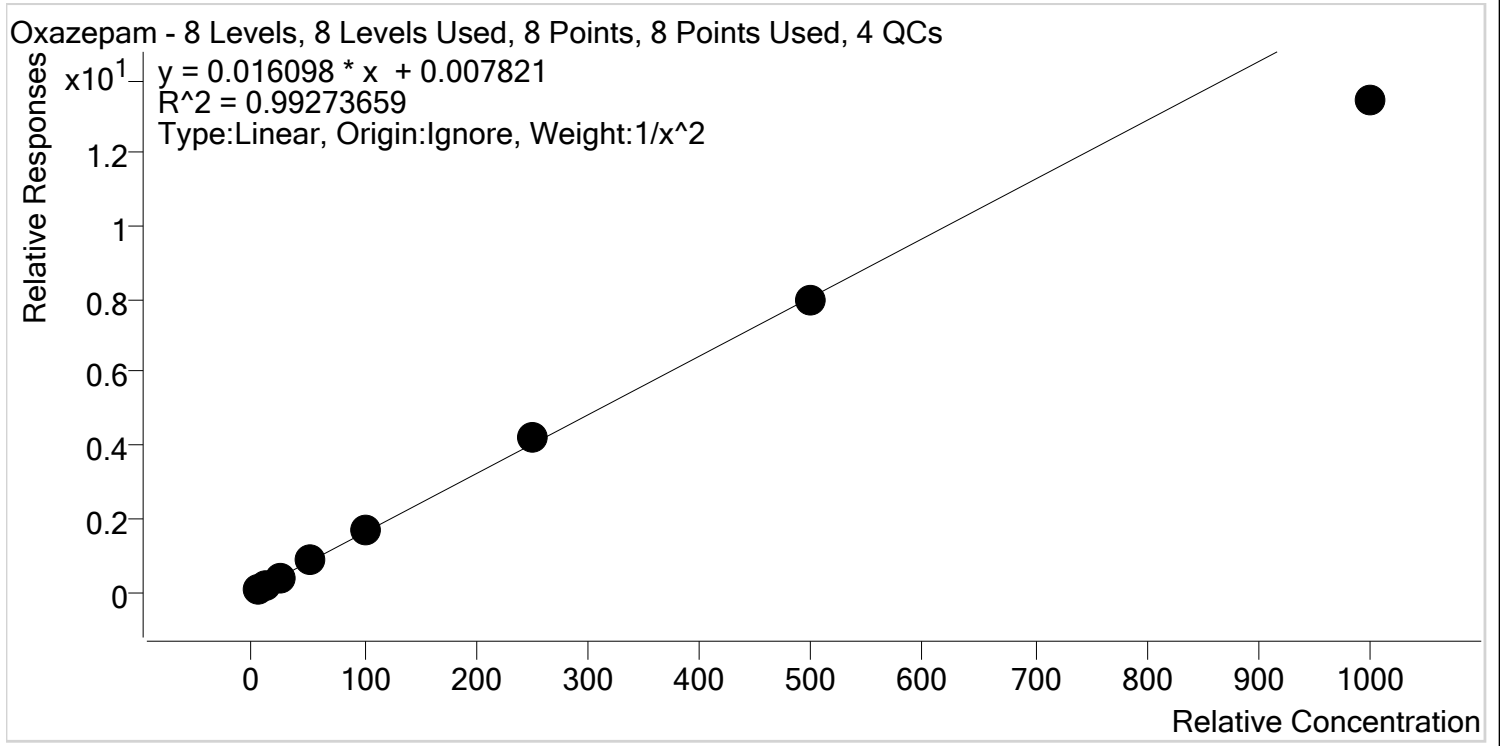
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	522.6	104.5
p1 Cal 8-1000ng	8	✓	1000.0	996.5	99.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



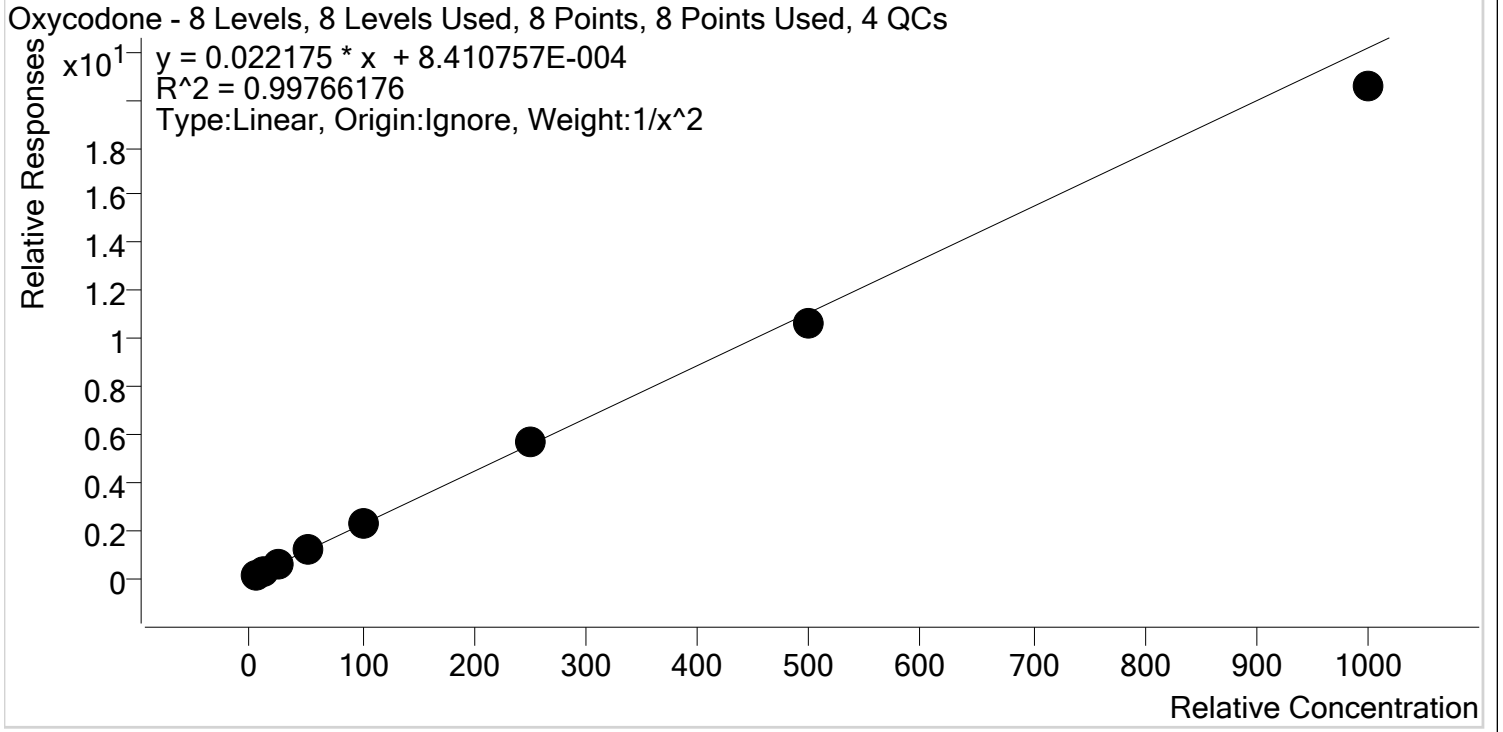
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	261.2	104.5
p1 Cal 7-500ng	7	✓	500.0	495.0	99.0
p1 Cal 8-1000ng	8	✓	1000.0	834.0	83.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	477.7	95.5
p1 Cal 8-1000ng	8	✓	1000.0	926.9	92.7

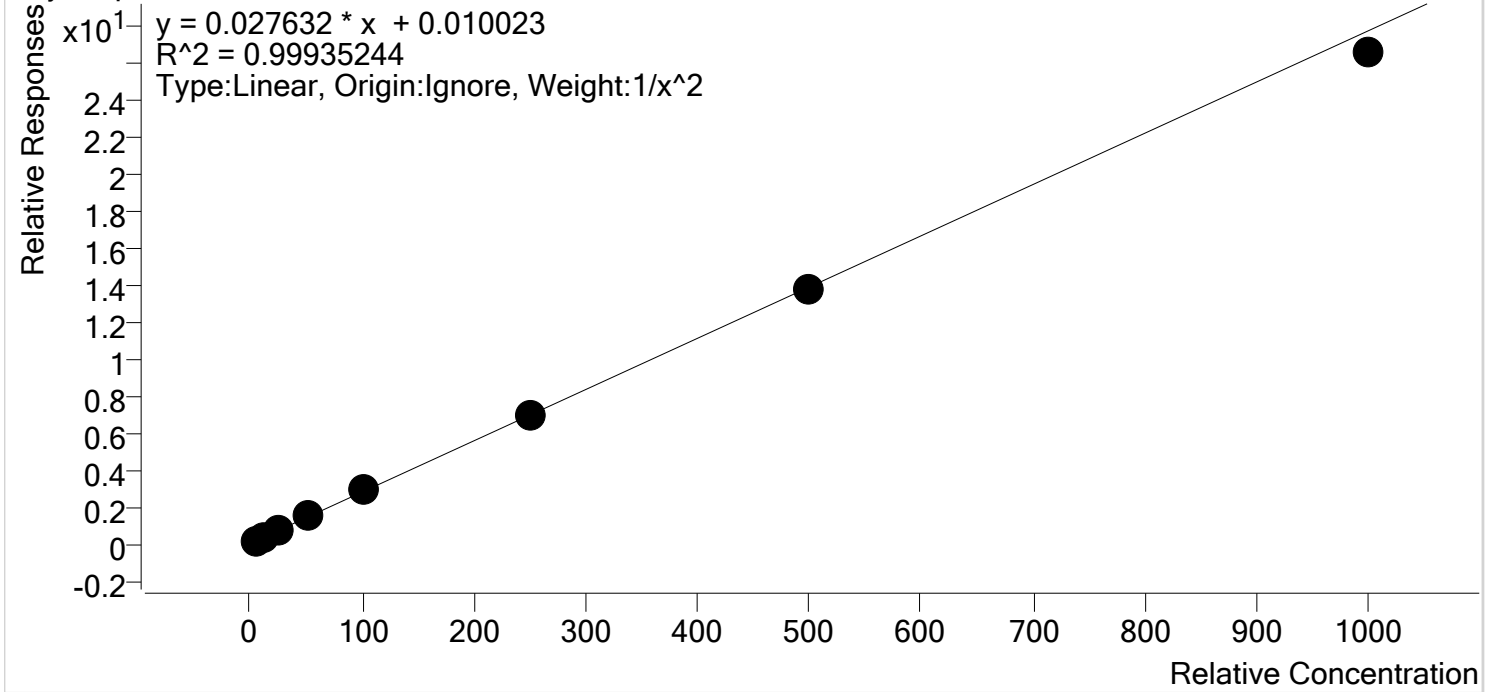


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	494.3	98.9
p1 Cal 8-1000ng	8	✓	1000.0	957.6	95.8

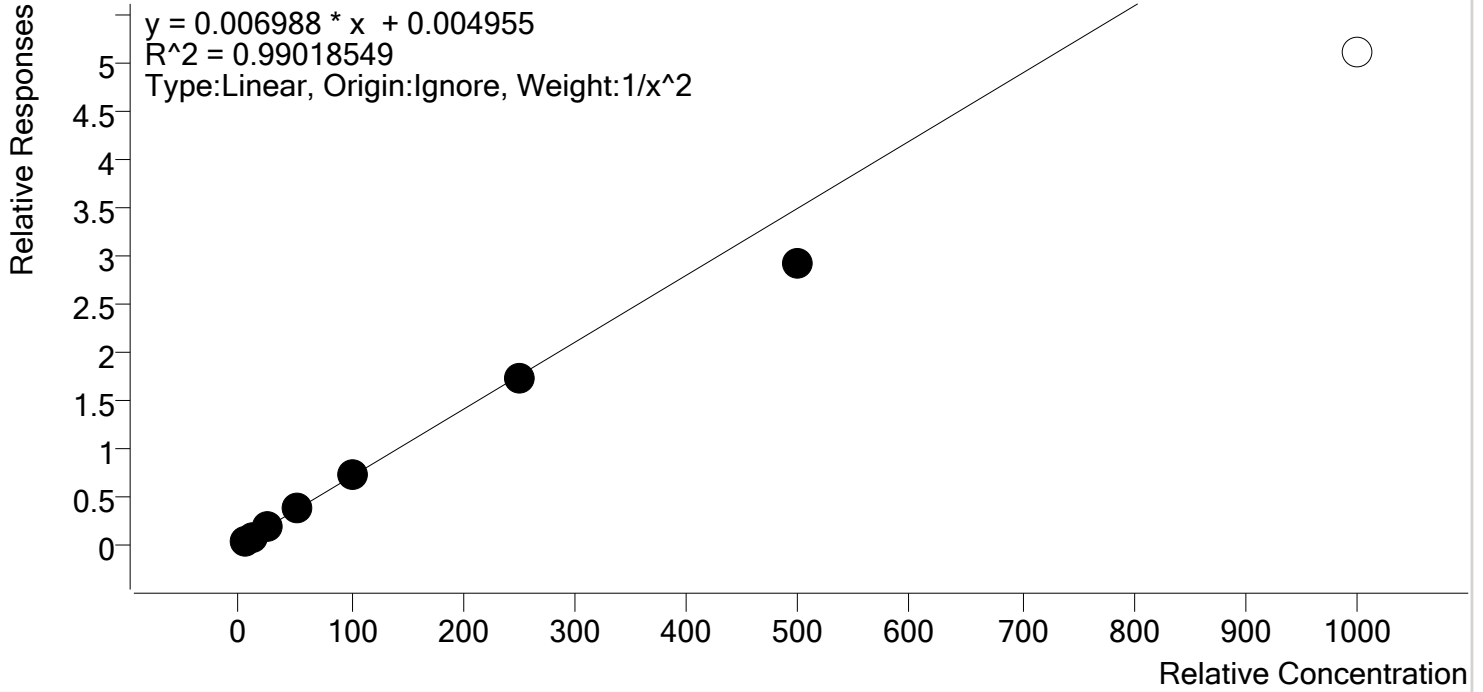


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



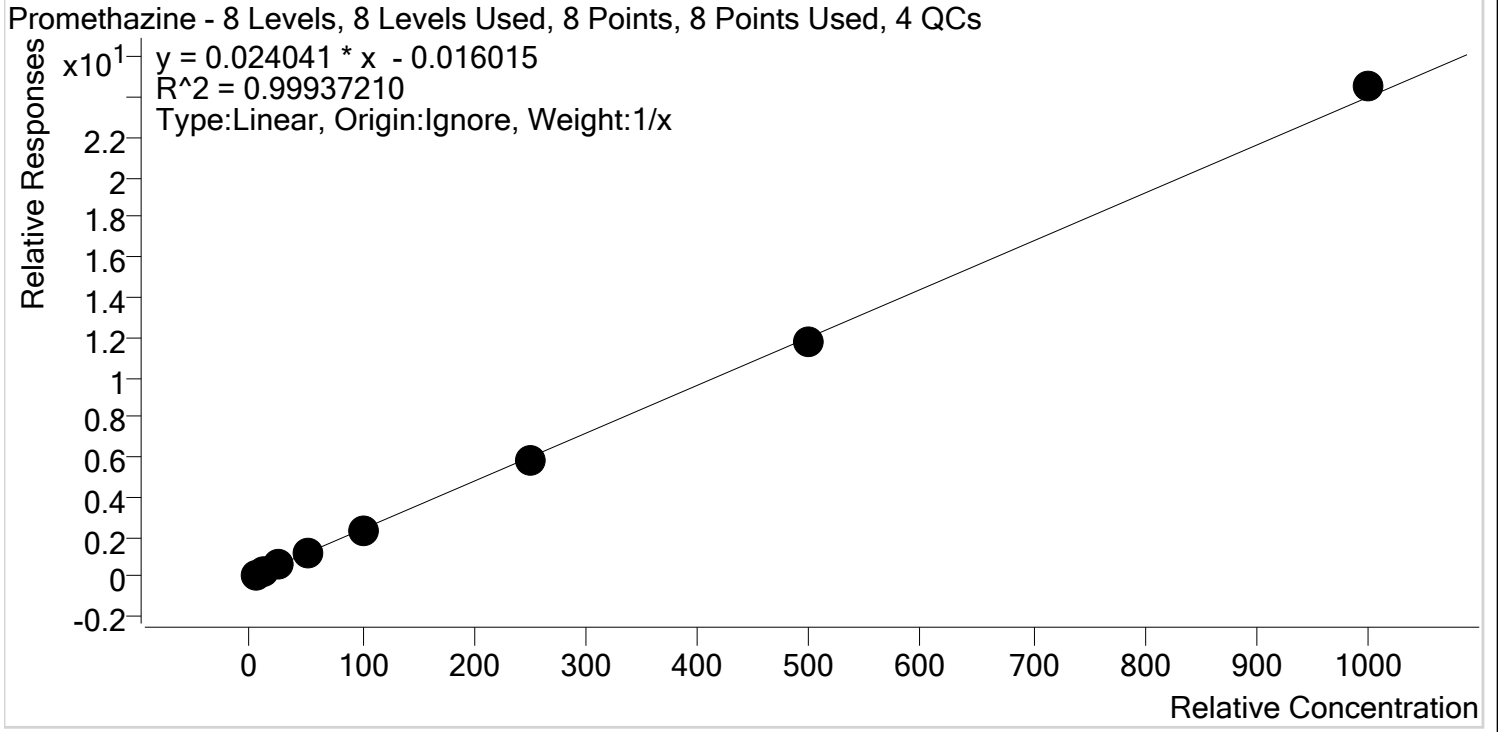
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.2
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	245.4	98.2
p1 Cal 7-500ng	7	✓	500.0	417.2	83.4
p1 Cal 8-1000ng	8	✗	1000.0	731.1	73.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Promethazine Internal Standard Promethazine-D3



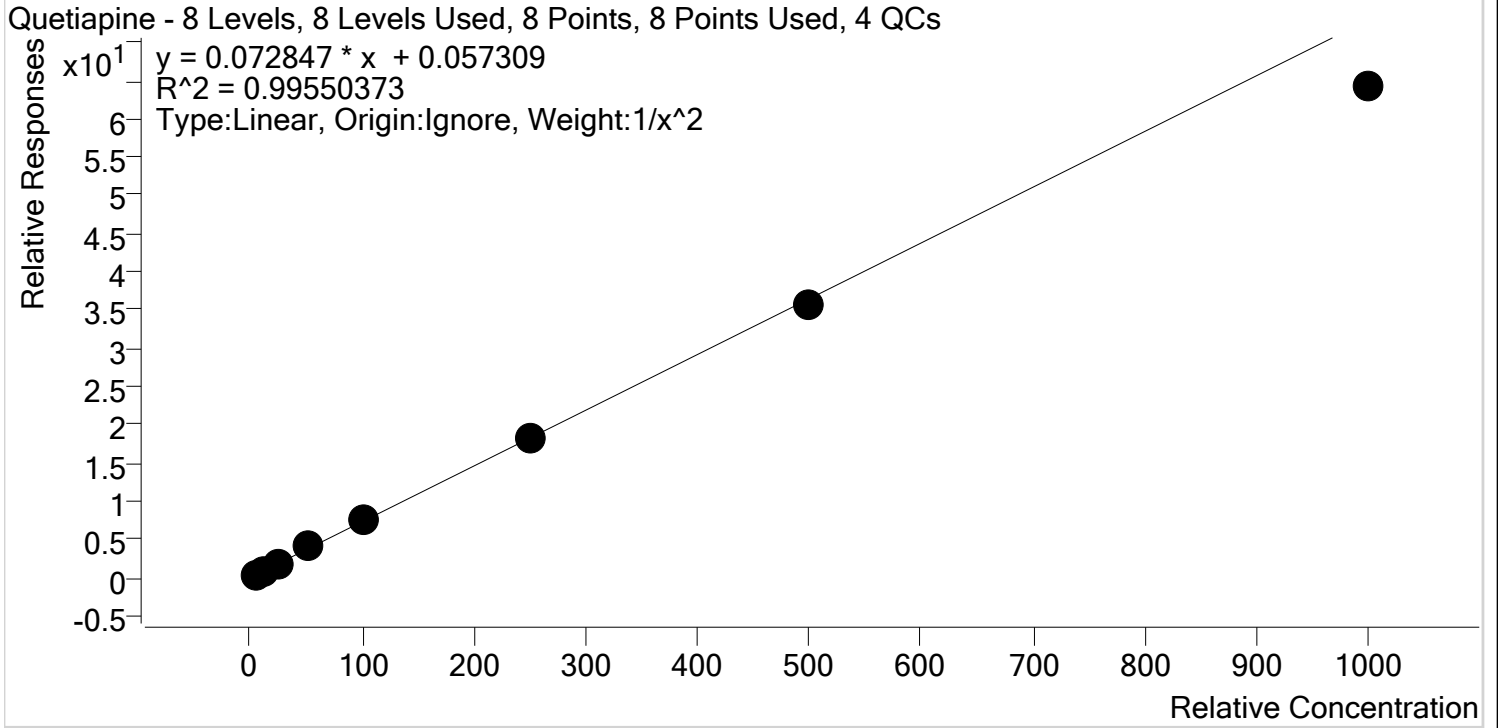
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.8
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	244.8	97.9
p1 Cal 7-500ng	7	✓	500.0	487.7	97.5
p1 Cal 8-1000ng	8	✓	1000.0	1022.0	102.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	487.3	97.5
p1 Cal 8-1000ng	8	✓	1000.0	880.6	88.1

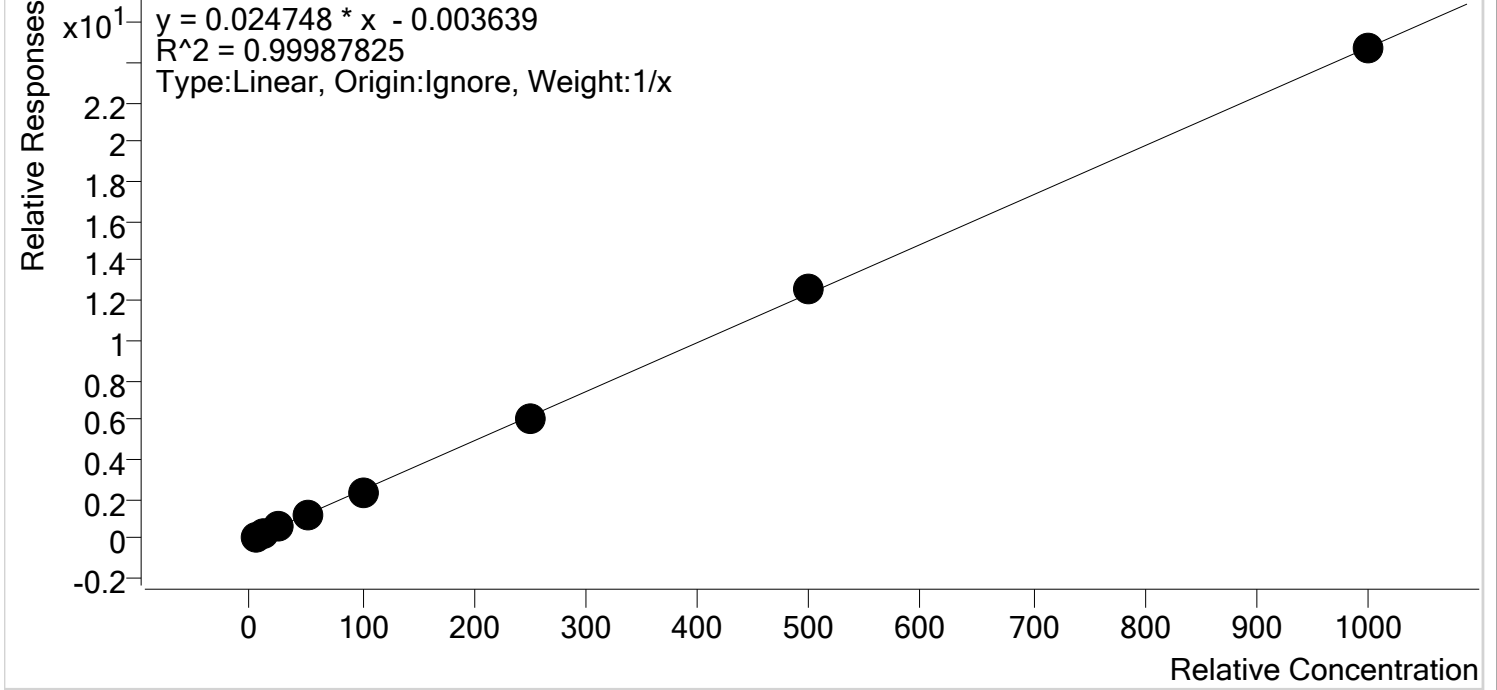


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



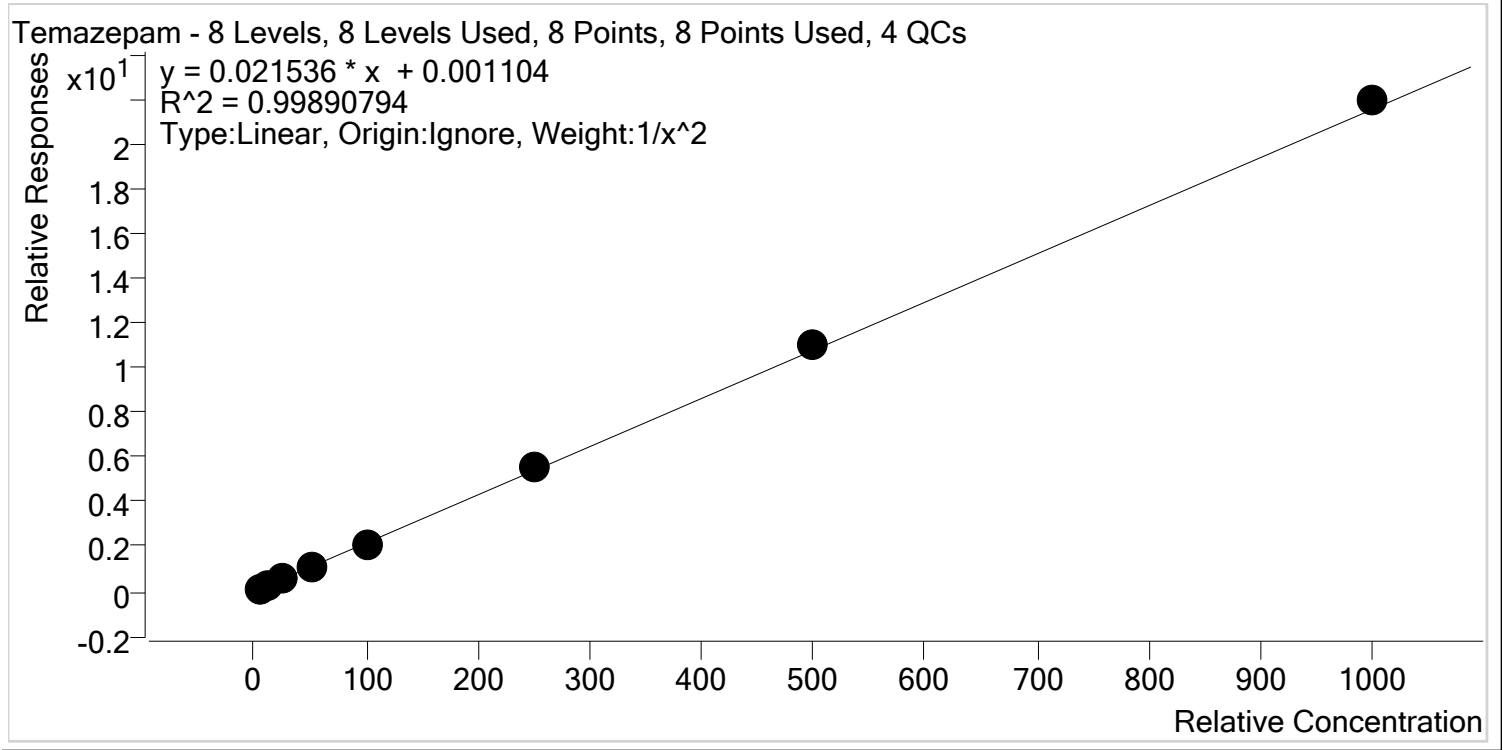
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	246.8	98.7
p1 Cal 7-500ng	7	✓	500.0	507.7	101.5
p1 Cal 8-1000ng	8	✓	1000.0	997.8	99.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Temazepam Internal Standard Temazepam-D5



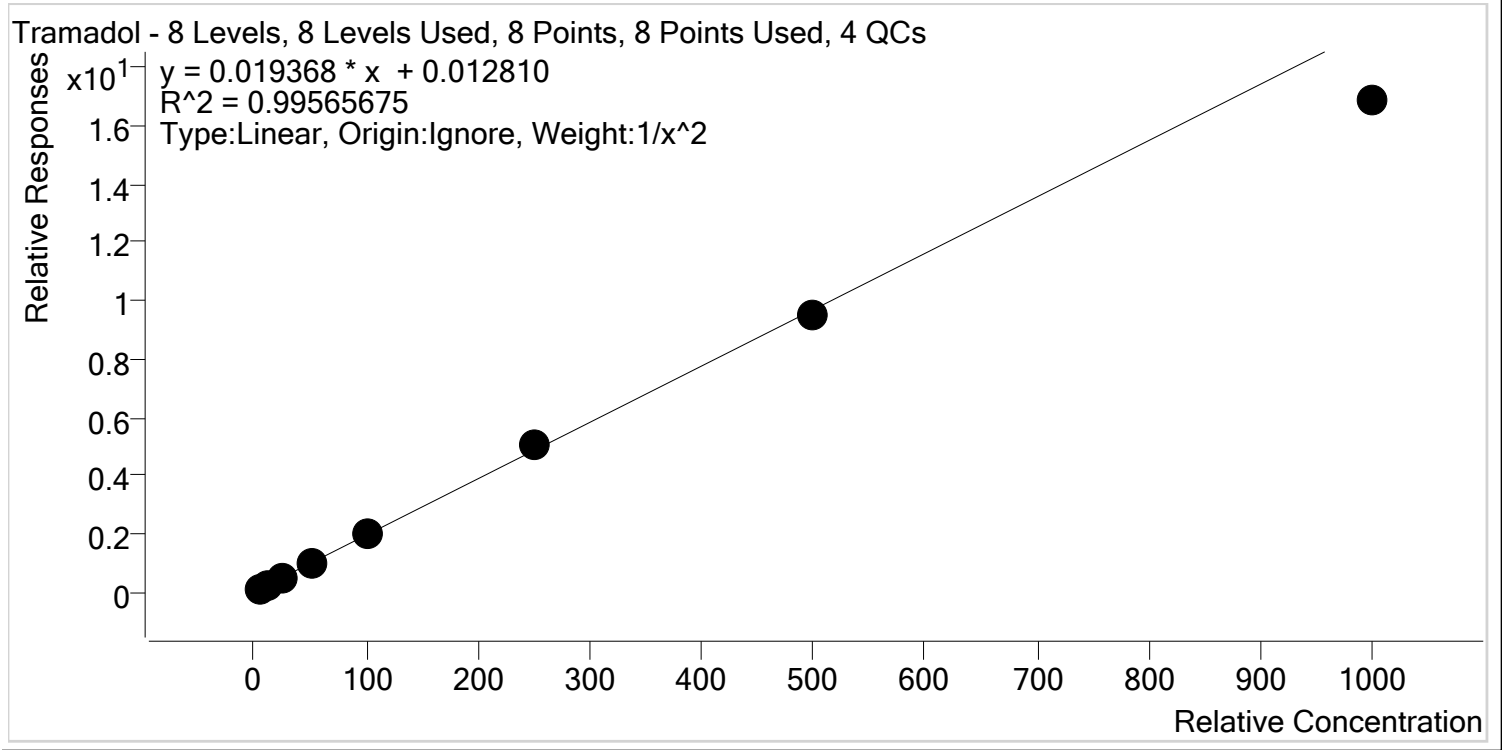
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	513.0	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1018.5	101.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Tramadol Internal Standard Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.7	103.0
p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	260.3	104.1
p1 Cal 7-500ng	7	✓	500.0	493.9	98.8
p1 Cal 8-1000ng	8	✓	1000.0	871.0	87.1

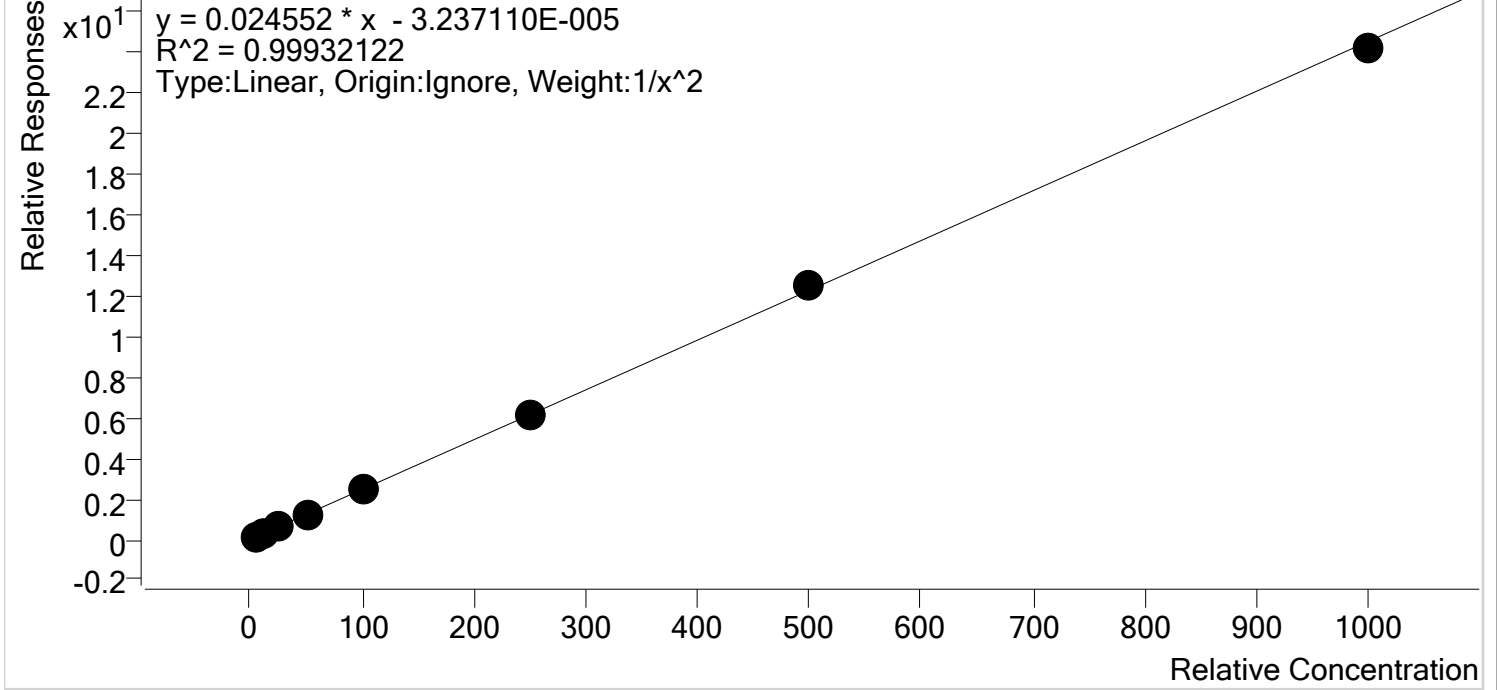


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/4/2020 1:14 PM
 Analyst Name ISP\datastor
 Analyte Trazodone Internal Standard Trazodone-D6

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



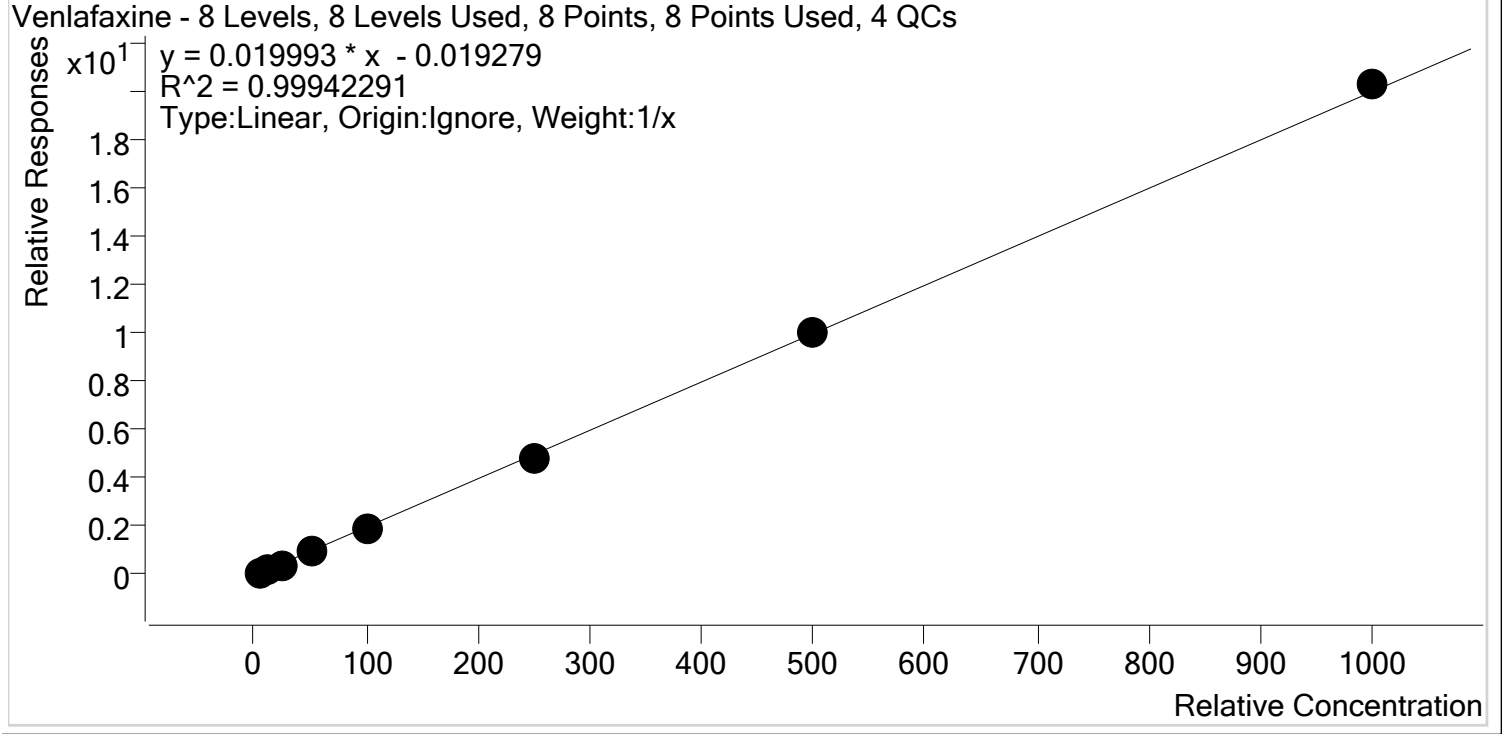
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	512.8	102.6
p1 Cal 8-1000ng	8	✓	1000.0	985.8	98.6



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



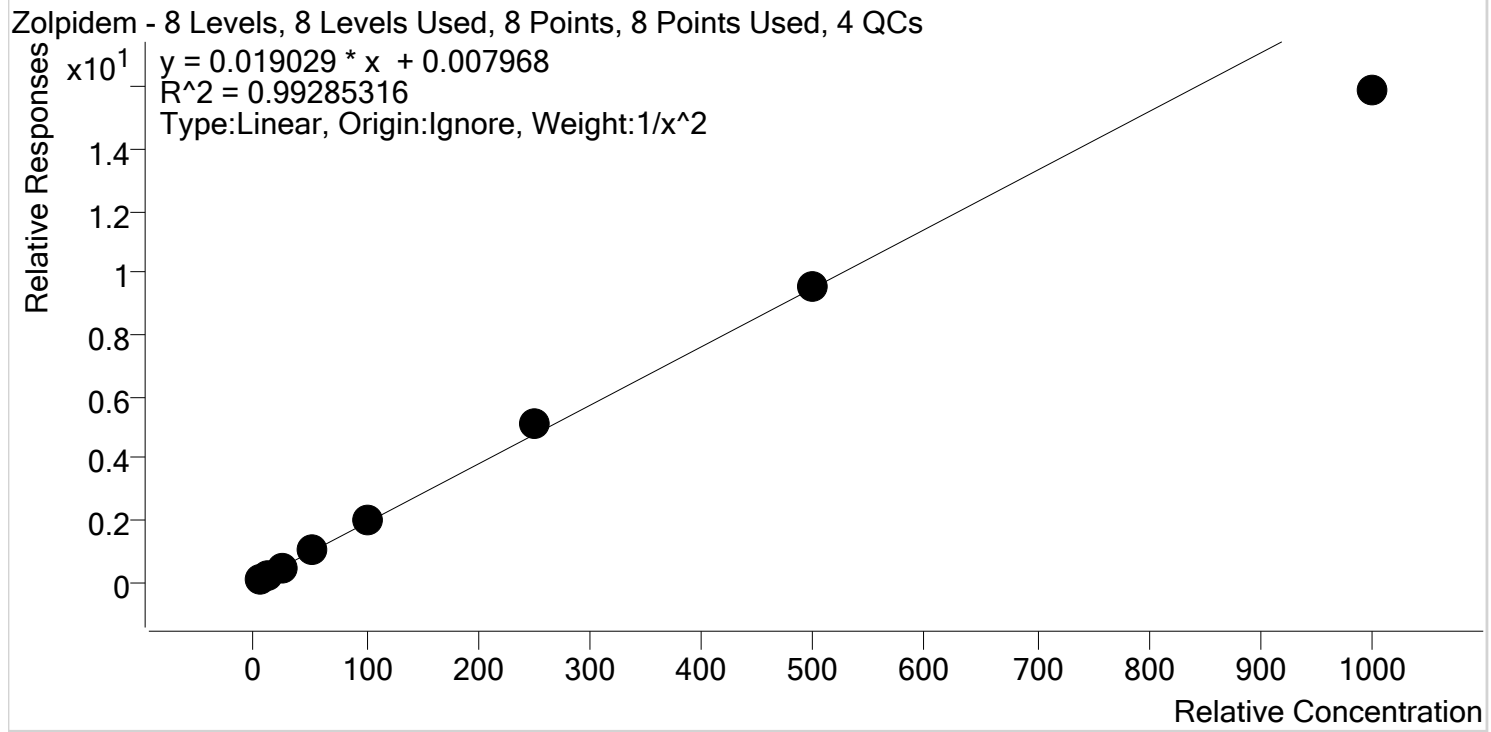
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	115.7
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.1
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	94.2	94.2
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	500.6	100.1
p1 Cal 8-1000ng	8	✓	1000.0	1014.6	101.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/4/2020 1:14 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	267.0	106.8
p1 Cal 7-500ng	7	✓	500.0	500.3	100.1
p1 Cal 8-1000ng	8	✓	1000.0	836.1	83.6

AM #28 Multi-Drug Quant. Results

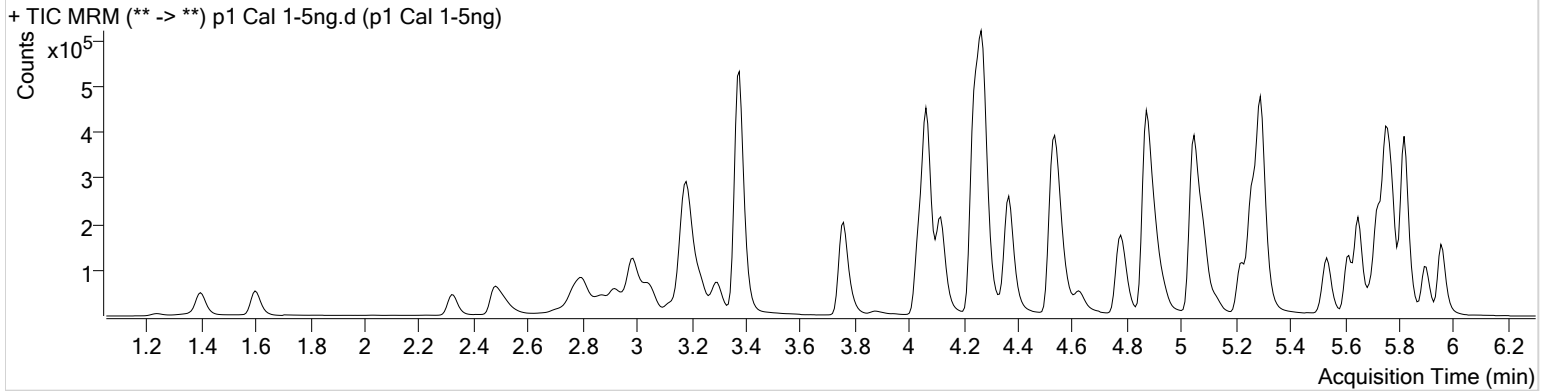
TS



Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/4/2020 1:14:19 PM

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-H12	Comment	
Injection Volume	2		
Acq. Date-Time	11/3/2020 6:44:41 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	1256	3748.79	73.6	2159.92	47895	0.5089 ng/ml
7-aminoclonazepam	4.277	26259	∞	82.6	46180.83	182254	5.1821 ng/ml
a-hydroxyalprazolam	5.701	11251	1308.80	63.1	342.82	53498	4.8953 ng/ml
alpha-PHP	4.942	14484	823.02	272.4	5766.29	544586	5.1025 ng/ml
alpha-PVP	4.376	64199	4386.23	51.3	288.70	544586	5.4971 ng/ml
Alprazolam	5.778	38365	345.21	108.4	579.14	240422	5.7829 ng/ml
Amphetamine	3.051	108495	3058.58	51.6	1448.13	218945	4.8922 ng/ml
Benzoylecgonine	3.905	1857	18.94	7.6	43.76	14063	5.0464 ng/ml
Buprenorphine	5.768	563	49.50	16.4	50.85	39281	0.5113 ng/ml
Bupropion	4.793	61141	315.22	57.9	2127.25	401093	5.0484 ng/ml
Carisoprodol	5.727	36206	155010.51	55.3	92.91	346610	5.0312 ng/ml
Citalopram	5.224	26752	498.22	42.2	∞	235915	5.5907 ng/ml
Clonazepam	5.615	48585	2453.74	33.1	92.95	108400	4.8813 ng/ml
Cocaine	4.270	57619	4525.94	46.5	2923.82	869492	5.2770 ng/ml
Codeine	2.523	6089	485.38	107.8	480.89	55719	5.0313 ng/ml
Cyclobenzaprine	5.619	7959	∞	10.4	41.51	65227	5.1364 ng/ml
Dextromethorphan	5.266	13858	505.92	76.8	1455.83	122386	5.0856 ng/ml
Dextrophan	4.117	16110	1608.90	218.9	291.86	400486	5.3400 ng/ml
Diazepam	5.963	28367	∞	87.4	1925.09	264188	4.9871 ng/ml
Dihydrocodeine	2.502	15837	261.63	62.4	246.92	163079	4.8550 ng/ml
Diphenhydramine	5.294	71993	679.23	31.5	1643.48	894021	5.7716 ng/ml
Doxylamine	4.548	124872	∞	101.0	15403.74	1070729	5.0364 ng/ml
EDDP	5.259	42718	3851.58	42.1	630533.90	452699	5.0878 ng/ml
Fentanyl	5.100	1197	91.85	65.4	2377.43	104768	0.5043 ng/ml
Fluoxetine	5.710	5970	17.13	9.9	121.63	49854	4.9203 ng/ml
Hydrocodone	3.013	21542	101.71	35.5	39.36	258711	4.6664 ng/ml
Hydromorphone	1.608	19707	464.04	73.9	441.10	117483	4.9749 ng/ml
Ketamine	4.058	50192	6183.03	38.2	354.88	430506	4.9482 ng/ml
Lamotrigine	4.286	4801	718.79	78.3	1662.20	430506	4.8865 ng/ml
Lorazepam	5.749	41096	292.86	54.8	182.34	108400	4.6493 ng/ml
MDA	3.211	78788	521.35	20.7	71.30	347877	4.8322 ng/ml
MDMA	3.304	51315	∞	63.2	2461.82	96115	5.0107 ng/ml
Meprobamate	4.936	20263	19735.95	27.4	239.00	189847	4.8377 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.656	38175	2241.58	52.6	2119.74	357636	5.0819 ng/ml
Methamphetamine	3.239	74712	591.24	39.7	821.32	561647	4.8821 ng/ml
Metoprolol	4.332	11004	31910.52	89.2	1428.06	1062089	4.9747 ng/ml
Mirtazapine	4.629	58329	2659.87	52.9	1858.98	544586	5.3259 ng/ml
Mitragynine	5.228	6145	45721.32	40.4	∞	357636	5.0221 ng/ml
Morphine	1.246	3343	250.71	34.9	223.97	8481	4.9156 ng/ml
Norbuprenorphine	4.991	90	4.82 Low	74.1 Low	20.54	5936	0.7346 ng/ml
Nordiazepam	5.903	27849	∞	57.8	2034.87	173749	4.9463 ng/ml
Norfentanyl	4.092	10254	2183.61	32.6	52.66	903652	0.5129 ng/ml
Norhydrocodone	3.061	2619	∞	43.6	118.05	59413	6.4879 ng/ml
Noroxycodone	2.905	18348	950.31	45.2	244.06	122569	5.0594 ng/ml
O-desmethyl-tramadol	3.377	112576	8302.32	6.5	308.19	1198336	5.1157 ng/ml
Oxazepam	5.759	50101	∞	72.3	239.72	577794	4.9005 ng/ml
Oxycodone	2.823	37147	570.32	35.7	∞	341135	4.8727 ng/ml
Oxymorphone	1.403	18788	∞	47.3	192.83	127655	4.9637 ng/ml
Phentermine	3.797	20090	460.95	3.2	14.09	517216	4.8490 ng/ml
Promethazine	5.536	17661	26.67	30.3	69.44	157228	5.3383 ng/ml
Quetiapine	5.539	33160	∞	55.9	31715.96	79945	4.9073 ng/ml
Sertraline	5.779	2673	44.29	104.7	5939.89	21949	5.0678 ng/ml
Temazepam	5.826	78719	24943.19	28.8	96.15	707750	5.1134 ng/ml
Tramadol	4.252	115187	972.57	3.2	94.13	1062089	4.9383 ng/ml
Trazodone	5.127	30600	∞	75.1	76484.79	249613	4.9945 ng/ml
Venlafaxine	5.048	82374	295.83	37.4	300.65	855018	5.7832 ng/ml
Zolpidem	4.892	109133	6891.34	32.2	3192.73	1067155	4.9554 ng/ml

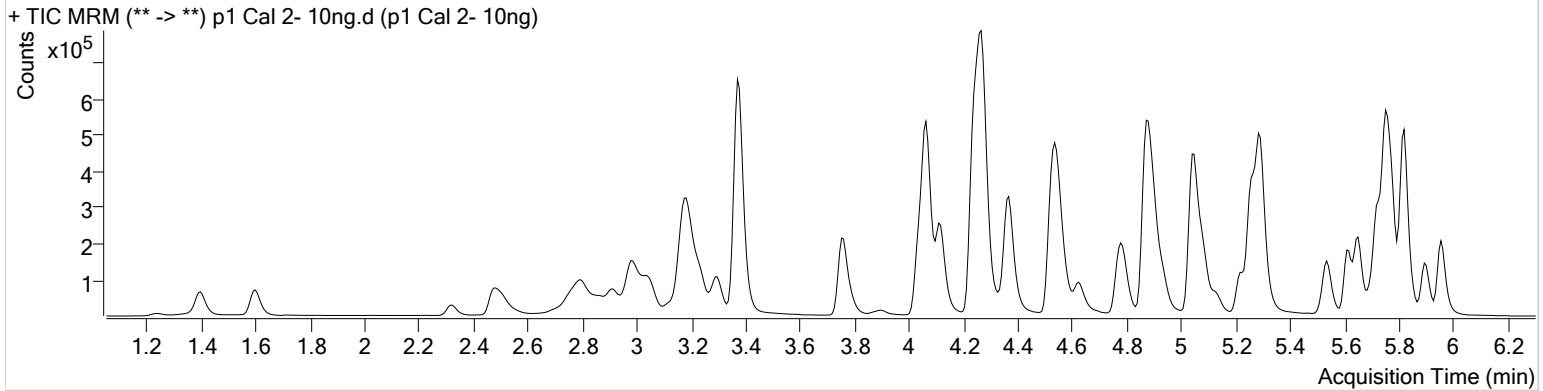
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/4/2020 1:14:19 PM

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-G12	Comment	
Injection Volume	2		
Acq. Date-Time	11/3/2020 6:55:28 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	2673	5326.20	75.7	6613.57	55800	0.9734 ng/ml
7-aminoclonazepam	4.277	57720	10023.48	83.5	82.64	212410	9.6055 ng/ml
a-hydroxyalprazolam	5.702	24741	4680.37	64.2	2237.17	61182	10.1650 ng/ml
alpha-PHP	4.942	30719	1357.18	268.9	25591.00	623543	9.5513 ng/ml
alpha-PVP	4.376	143804	9462.08	51.0	742.47	623543	10.1245 ng/ml
Alprazolam	5.778	85830	∞	111.8	911.68	279040	9.9447 ng/ml
Amphetamine	3.051	223819	5357.76	52.5	2098.74	237847	10.2400 ng/ml
Benzoylcegonine	3.905	4101	588.50	8.5	40.42	14724	10.1349 ng/ml
Buprenorphine	5.768	842	153.59	19.8	99.96	34213	0.9473 ng/ml
Bupropion	4.793	122482	11053.46	57.7	1855.43	411073	9.8783 ng/ml
Carisoprodol	5.727	85114	∞	54.5	1267.68	420775	9.9257 ng/ml
Citalopram	5.217	45938	188.36	43.5	748.32	210732	10.1277 ng/ml
Clonazepam	5.615	110676	∞	34.4	506.03	130330	10.0733 ng/ml
Cocaine	4.270	129672	5067.06	46.3	7320.36	987731	10.0359 ng/ml
Codeine	2.516	13082	237.14	110.7	470.29	64258	9.7073 ng/ml
Cyclobenzaprine	5.619	15756	3094.84	10.7	294.02	67680	9.6491 ng/ml
Dextromethorphan	5.266	24400	2115.00	82.5	∞	116111	9.6232 ng/ml
Dextrophan	4.117	33508	1726.95	214.0	1627.26	424593	10.0186 ng/ml
Diazepam	5.963	65427	4398.23	87.0	1073.72	310423	10.0057 ng/ml
Dihydrocodeine	2.502	35551	1402.09	62.1	560.18	188381	10.1523 ng/ml
Diphenhydramine	5.294	128631	40406.26	32.5	617.72	827415	10.2594 ng/ml
Doxylamine	4.548	264422	12330.14	100.7	13829.37	1165898	9.8749 ng/ml
EDDP	5.259	107074	1412.40	41.2	4506.13	577095	9.7953 ng/ml
Fentanyl	5.100	2165	75.36	71.9	2201.30	99843	0.9919 ng/ml
Fluoxetine	5.703	12028	254.42	9.1	56.76	46460	10.4382 ng/ml
Hydrocodone	3.013	48920	900.58	35.2	82.77	275350	10.9532 ng/ml
Hydromorphone	1.608	42693	∞	75.3	782.29	130223	9.9941 ng/ml
Ketamine	4.050	110128	13113.47	37.7	155.90	489646	10.0546 ng/ml
Lamotrigine	4.280	9987	1010.49	77.9	3741.15	489646	10.0210 ng/ml
Lorazepam	5.749	91860	499.56	56.0	779.91	130330	10.0478 ng/ml
MDA	3.204	160681	6516.90	19.8	58.54	364555	10.2784 ng/ml
MDMA	3.298	106710	98166.23	63.0	2649.09	102694	9.8997 ng/ml
Meprobamate	4.930	46331	294.55	27.8	2367.54	220284	10.2070 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	67124	1342.87	51.2	3416.13	315201	9.9567 ng/ml
Methamphetamine	3.239	151039	4255.83	40.3	207.05	635617	10.0473 ng/ml
Metoprolol	4.332	23576	5496.78	91.1	687.94	1209002	9.8563 ng/ml
Mirtazapine	4.623	115661	3949.24	51.6	1329.28	623543	9.0113 ng/ml
Mitragynine	5.228	10744	5501.07	38.4	9357.51	315201	9.8242 ng/ml
Morphine	1.246	7033	3579.32	34.0	541.95	9040	10.2468 ng/ml
Norbuprenorphine	4.991	109	12.37	91.7	8.85	5812	0.9019 ng/ml
Nordiazepam	5.903	63002	3229.79	56.7	1179.03	199794	10.0778 ng/ml
Norfentanyl	4.092	23216	1811.73	34.0	98.05	1028421	0.9789 ng/ml
Norhydrocodone	3.054	6065	127.71	36.2	72.34	65660	10.9585 ng/ml
Noroxycodone	2.898	39569	∞	51.7	968.60	138642	9.8092 ng/ml
O-desmethyl-tramadol	3.377	247831	1173.88	6.4	668.64	1368517	9.7369 ng/ml
Oxazepam	5.759	113090	∞	72.6	3153.86	661738	10.1300 ng/ml
Oxycodone	2.816	91238	2163.50	30.5	∞	397198	10.3207 ng/ml
Oxymorphone	1.396	42001	1044.48	47.0	532.71	145247	10.1022 ng/ml
Phentermine	3.790	42592	716.10	3.2	41.64	556735	10.2381 ng/ml
Promethazine	5.536	35954	272.26	27.4	429.63	155133	10.3062 ng/ml
Quetiapine	5.539	64675	∞	55.6	∞	81800	10.0669 ng/ml
Sertraline	5.772	5102	46.93	97.5	189.80	20654	10.1282 ng/ml
Temazepam	5.826	177482	2476.80	31.0	1005.70	841359	9.7439 ng/ml
Tramadol	4.252	249595	7232.17	3.6	317.95	1209002	9.9978 ng/ml
Trazodone	5.127	62324	∞	75.3	∞	249597	10.1717 ng/ml
Venlafaxine	5.048	165418	603.71	38.2	1028.56	906938	10.0873 ng/ml
Zolpidem	4.892	249738	614.82	32.2	6969.48	1258082	10.0130 ng/ml

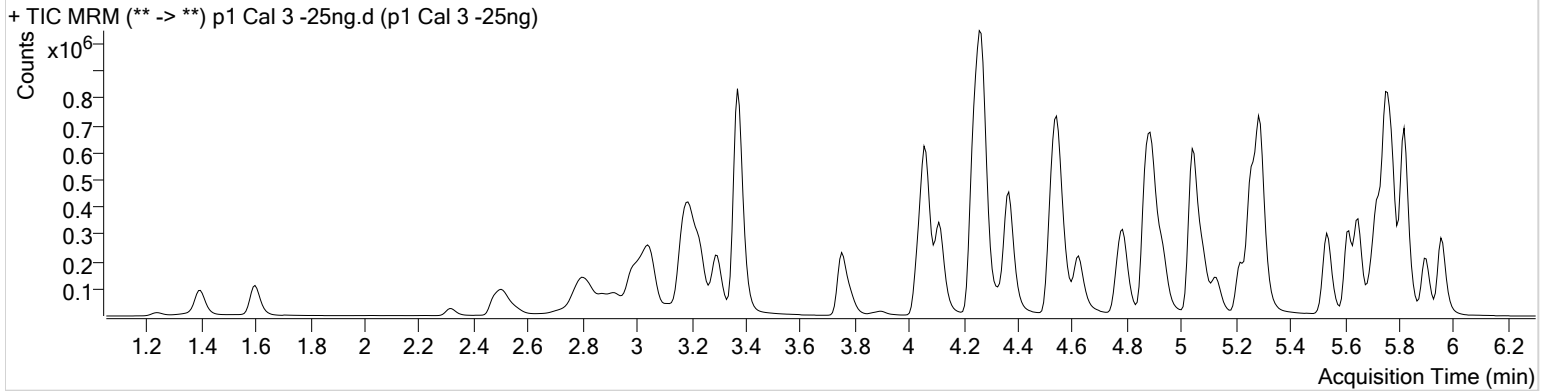
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/4/2020 1:14:19 PM

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-F12	Comment	
Injection Volume	2		
Acq. Date-Time	11/3/2020 7:06:04 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	6476	13700.98	75.1	11375.23	56198	2.4175 ng/ml
7-aminoclonazepam	4.277	141631	22601.84	85.5	780.37	211674	23.3741 ng/ml
a-hydroxyalprazolam	5.702	62188	530.13	64.4	837.81	63435	25.8035 ng/ml
alpha-PHP	4.935	79856	17934.68	260.9	17086.25	624710	24.9697 ng/ml
alpha-PVP	4.376	351480	23587.32	50.9	5489.59	624710	23.7519 ng/ml
Alprazolam	5.778	213768	1920.04	108.0	2876.60	275089	23.1455 ng/ml
Amphetamine	3.051	556757	12604.36	52.2	∞	250686	25.6047 ng/ml
Benzoylcegonine	3.898	10285	1550.49	7.9	173.00	15526	23.4689 ng/ml
Buprenorphine	5.768	2559	266.22	16.7	1233.37	42109	2.4826 ng/ml
Bupropion	4.793	326911	831.31	57.8	1711.55	444750	24.3857 ng/ml
Carisoprodol	5.727	201466	10124.74	54.3	539.47	410690	24.3498 ng/ml
Citalopram	5.217	132488	194.40	43.4	758.68	249859	23.6720 ng/ml
Clonazepam	5.615	271377	∞	33.6	488.48	130109	26.0846 ng/ml
Cocaine	4.263	324985	23877.59	45.1	41903.27	984332	24.5929 ng/ml
Codeine	2.523	33534	392.06	106.4	∞	64935	25.2189 ng/ml
Cyclobenzaprine	5.619	58069	52863.70	9.7	96.22	99327	23.9805 ng/ml
Dextromethorphan	5.266	71216	3716.33	78.6	1675.66	132317	24.9836 ng/ml
Dextrorphan	4.117	88675	3290.03	208.2	866.10	449314	24.3402 ng/ml
Diazepam	5.963	158687	569.75	88.2	3774.17	307470	24.8264 ng/ml
Dihydrocodeine	2.502	89360	146.37	63.6	779.57	191542	26.2168 ng/ml
Diphenhydramine	5.294	358014	1707.80	32.5	15995.60	955341	23.3924 ng/ml
Doxylamine	4.548	687711	56132.35	100.4	∞	1244816	24.1770 ng/ml
EDDP	5.259	278787	735.54	42.1	1450.25	597271	24.3148 ng/ml
Fentanyl	5.100	6744	∞	76.9	11600.39	129927	2.4290 ng/ml
Fluoxetine	5.703	56609	∞	9.3	523.64	94020	24.0501 ng/ml
Hydrocodone	3.013	120945	541.62	36.5	∞	301180	25.8651 ng/ml
Hydromorphone	1.601	107688	2194.97	74.7	∞	130681	25.5499 ng/ml
Ketamine	4.050	270324	5179.19	39.2	458.35	494776	25.2071 ng/ml
Lamotrigine	4.280	25561	3191.77	78.1	∞	494776	27.3897 ng/ml
Lorazepam	5.749	216591	699.49	56.2	1917.28	130109	25.9571 ng/ml
MDA	3.204	408159	1186.36	20.9	430.79	382284	26.2128 ng/ml
MDMA	3.298	278392	38246.35	63.2	4626.87	107690	24.8607 ng/ml
Meprobamate	4.930	114614	9125.30	27.6	6488.08	220298	26.2713 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	193658	1373.84	50.6	5428.82	379219	23.6207 ng/ml
Methamphetamine	3.232	364047	1005.54	39.4	1362.47	642668	26.2848 ng/ml
Metoprolol	4.332	60430	183987.04	88.7	3830.19	1233162	25.6147 ng/ml
Mirtazapine	4.623	311437	44309.92	51.9	2325.16	624710	23.7302 ng/ml
Mitragynine	5.228	33475	4479.93	38.2	12196.12	379219	25.2184 ng/ml
Morphine	1.246	17174	649.47	34.1	2569.39	9292	25.1126 ng/ml
Norbuprenorphine	4.991	330	23.34	110.2	37.09	6865	2.3004 ng/ml
Nordiazepam	5.903	154148	3468.87	58.8	∞	199857	25.1678 ng/ml
Norfentanyl	4.085	57453	820.64	33.8	319.16	1035551	2.3449 ng/ml
Norhydrocodone	3.061	13999	198.12	41.7	382.12	64409	22.5287 ng/ml
Noroxycodone	2.898	101770	559.98	44.9	753.65	146143	24.1924 ng/ml
O-desmethyl-tramadol	3.377	622849	3421.48	6.4	1556.75	1399961	23.7256 ng/ml
Oxazepam	5.759	273494	1581.52	71.6	∞	655668	25.4250 ng/ml
Oxycodone	2.823	224074	1347.34	31.1	559.51	394645	25.5668 ng/ml
Oxymorphone	1.396	104996	2249.65	46.5	1529.74	150917	24.8150 ng/ml
Phentermine	3.790	109053	4214.56	3.0	132.93	583129	26.0517 ng/ml
Promethazine	5.536	129842	2100.35	29.4	514.99	228103	24.3430 ng/ml
Quetiapine	5.539	169895	∞	55.4	465987.37	87808	25.7739 ng/ml
Sertraline	5.772	26717	1285.09	91.4	5885.65	43268	25.0976 ng/ml
Temazepam	5.826	443269	20942.93	29.9	∞	865360	23.7342 ng/ml
Tramadol	4.252	630538	15821.59	3.5	492.19	1233162	25.7389 ng/ml
Trazodone	5.127	166148	25878.64	76.6	30526.68	283194	23.8978 ng/ml
Venlafaxine	5.041	426651	370.97	38.5	518.19	945996	23.5231 ng/ml
Zolpidem	4.892	621203	35371.85	31.9	72234.31	1291753	24.8529 ng/ml

AM #28 Multi-Drug Quant. Results

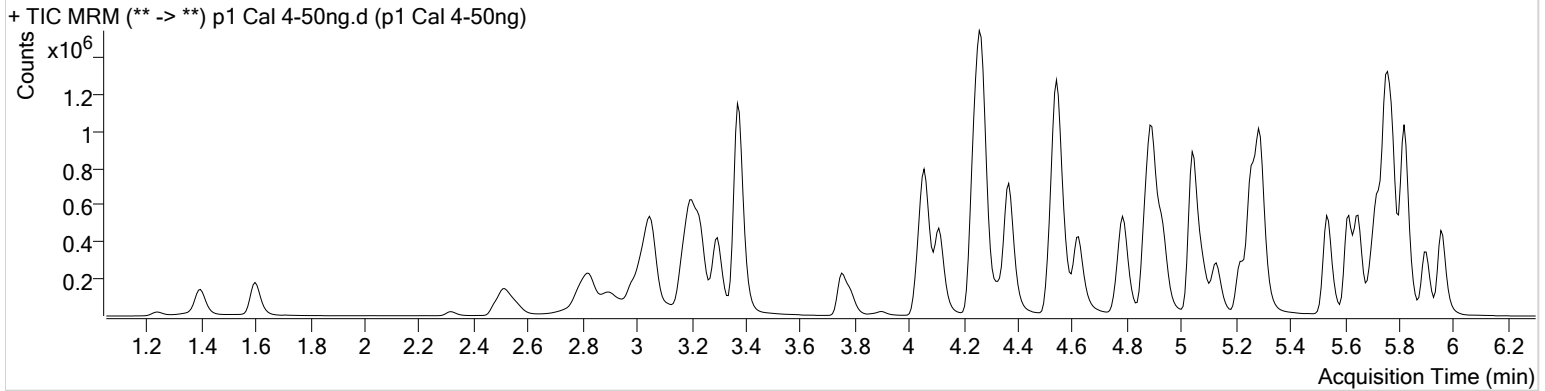


TS

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Calibration Last Update 11/4/2020 1:14:19 PM

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-E12	Comment	
Injection Volume	2		
Acq. Date-Time	11/3/2020 7:16:40 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	14213	511.39	71.6	∞	59388	5.0787 ng/ml
7-aminoclonazepam	4.277	293774	18373.07	84.1	∞	210428	48.5639 ng/ml
a-hydroxyalprazolam	5.701	125782	1072.41	67.7	3219.32	64799	51.8897 ng/ml
alpha-PHP	4.935	167746	2584.57	268.3	34710.44	649103	50.6004 ng/ml
alpha-PVP	4.369	767316	932.38	51.4	1012.50	649103	49.1793 ng/ml
Alprazolam	5.778	458787	∞	106.9	∞	277581	47.7679 ng/ml
Amphetamine	3.051	1110565	15682.95	51.6	11934.59	247009	52.9162 ng/ml
Benzoylcegonine	3.898	21567	2322.16	7.3	124.37	15205	49.7326 ng/ml
Buprenorphine	5.768	5061	832.81	16.2	1495.35	41301	5.1055 ng/ml
Bupropion	4.793	690044	67223.58	58.0	14207.39	453407	50.5024 ng/ml
Carisoprodol	5.727	436508	67746.22	54.1	983.91	423866	51.3324 ng/ml
Citalopram	5.217	277491	5954.51	42.4	217.95	249224	48.9671 ng/ml
Clonazepam	5.615	571203	2966.48	33.8	995.36	134140	54.2142 ng/ml
Cocaine	4.263	676154	27123.32	46.5	9482.70	1013499	49.2593 ng/ml
Codeine	2.530	70641	1806.05	108.7	3919.80	65819	52.8290 ng/ml
Cyclobenzaprine	5.619	140053	∞	10.0	207.68	115914	49.3837 ng/ml
Dextromethorphan	5.266	147050	311.94	82.5	7349.32	134300	51.0489 ng/ml
Dextrorphan	4.111	181373	17776.08	213.5	7606.57	443172	49.9636 ng/ml
Diazepam	5.963	346348	4070.87	88.3	4286.60	325130	51.4818 ng/ml
Dihydrocodeine	2.508	190762	2487.43	62.9	430.74	198545	54.7986 ng/ml
Diphenhydramine	5.294	743510	47411.28	32.3	4590.86	950186	47.8114 ng/ml
Doxylamine	4.541	1482796	∞	99.9	83727.78	1256288	51.7497 ng/ml
EDDP	5.259	588146	19702.06	41.6	498.82	615491	49.5513 ng/ml
Fentanyl	5.100	15908	1272.84	73.1	70176.57	147501	5.0885 ng/ml
Fluoxetine	5.703	151560	1614.46	8.8	1824.75	118135	51.0530 ng/ml
Hydrocodone	3.013	264029	99.55	36.5	1113.56	313868	55.1446 ng/ml
Hydromorphone	1.601	217486	399.46	76.3	1886.04	133782	50.6801 ng/ml
Ketamine	4.050	589340	55821.05	39.2	673.11	526491	52.2187 ng/ml
Lamotrigine	4.280	50976	5469.61	80.5	∞	526491	52.4751 ng/ml
Lorazepam	5.749	445101	∞	54.8	4054.85	134140	53.3629 ng/ml
MDA	3.204	830290	22559.87	20.7	1632.80	377681	54.9517 ng/ml
MDMA	3.298	576018	71654.54	64.2	7139.01	107684	51.6086 ng/ml
Meprobamate	4.930	241188	203105.30	27.3	7702.47	224784	54.9180 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	406426	1333.94	52.5	7874.88	385969	48.5110 ng/ml
Methamphetamine	3.239	711765	1885.01	39.5	1110.70	623262	54.7042 ng/ml
Metoprolol	4.332	126768	4329.95	90.3	7618.44	1277799	52.4295 ng/ml
Mirtazapine	4.623	632304	9804.49	51.4	3608.16	649103	46.0919 ng/ml
Mitragynine	5.228	68714	9153.66	39.4	192525.13	385969	50.7182 ng/ml
Morphine	1.240	35888	684.57	33.7	328.08	9592	51.4112 ng/ml
Norbuprenorphine	4.991	779	72.65	88.6	1327.51	6767	5.4910 ng/ml
Nordiazepam	5.903	333994	1995.37	58.1	1105.69	210047	52.2661 ng/ml
Norfentanyl	4.085	119197	17904.34	34.0	848.18	1023011	4.8785 ng/ml
Norhydrocodone	3.061	28878	629.73	39.5	153.84	58428	48.1647 ng/ml
Noroxycodone	2.905	210351	1236.40	46.7	1110.06	142716	51.4055 ng/ml
O-desmethyl-tramadol	3.377	1339090	52785.99	6.4	460.24	1424771	49.9710 ng/ml
Oxazepam	5.759	568412	7320.96	71.5	3027.15	648294	53.9780 ng/ml
Oxycodone	2.823	472707	3373.72	33.4	9522.82	411118	51.8134 ng/ml
Oxymorphone	1.396	213859	∞	47.9	∞	149395	51.4424 ng/ml
Phentermine	3.790	220223	6284.06	3.1	59.78	571014	54.4787 ng/ml
Promethazine	5.536	319057	930.32	30.0	1774.88	271285	49.5858 ng/ml
Quetiapine	5.539	352156	205436.72	55.2	∞	88410	53.8929 ng/ml
Sertraline	5.772	69495	434.34	93.0	1699.97	56872	49.5230 ng/ml
Temazepam	5.819	967075	31431.85	30.5	1897.10	893708	50.1953 ng/ml
Tramadol	4.245	1311566	1227596.35	3.5	301.64	1277799	52.3348 ng/ml
Trazodone	5.127	371649	1822.44	75.6	∞	298532	50.7079 ng/ml
Venlafaxine	5.041	908617	∞	37.4	605.03	962432	48.1861 ng/ml
Zolpidem	4.892	1359069	92124.66	31.3	368.93	1325425	53.4661 ng/ml

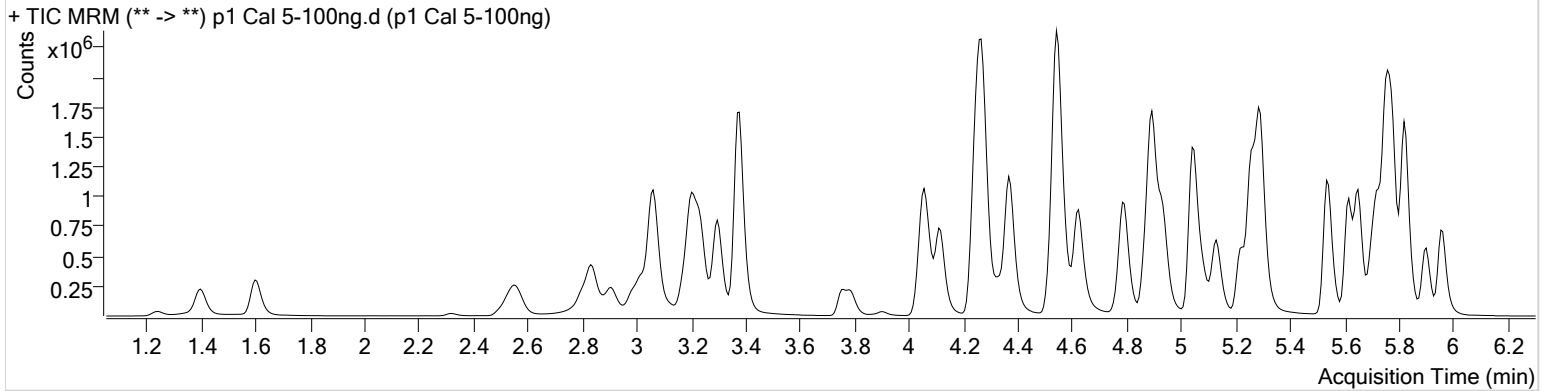
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/4/2020 1:14:19 PM

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-D12 **Comment**
Injection Volume 2
Acq. Date-Time 11/3/2020 7:27:15 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	28385	1032.43	71.9	4461.23	60466	10.0133 ng/ml
7-aminoclonazepam	4.277	535387	874.29	84.3	∞	190831	97.4022 ng/ml
a-hydroxyalprazolam	5.701	242347	3081.09	63.1	2873.05	61934	105.4294 ng/ml
alpha-PHP	4.935	333828	22695.11	266.9	11677.01	642958	101.7795 ng/ml
alpha-PVP	4.369	1510313	2888.10	51.0	1557.75	642958	97.0752 ng/ml
Alprazolam	5.778	870437	5099.22	105.6	∞	259191	95.7205 ng/ml
Amphetamine	3.064	1927138	86914.12	51.2	10307.16	224631	101.9314 ng/ml
Benzoylecgonine	3.898	42915	26508.28	7.4	1109.63	16039	93.4052 ng/ml
Buprenorphine	5.768	12354	2060.46	17.0	442.27	49434	10.5138 ng/ml
Bupropion	4.793	1385639	2958.93	57.8	31835.95	459269	100.1276 ng/ml
Carisoprodol	5.727	807580	∞	54.9	7996.65	404038	99.8141 ng/ml
Citalopram	5.217	650286	590.55	42.4	5183.99	294879	96.3263 ng/ml
Clonazepam	5.615	1078961	64486.24	33.6	33264.86	129020	107.3597 ng/ml
Cocaine	4.263	1289933	98602.68	46.3	23113.99	973021	97.4629 ng/ml
Codeine	2.570	136968	1858.50	109.6	10385.30	66405	101.8842 ng/ml
Cyclobenzaprine	5.619	381115	24199.90	9.8	4341.98	157714	98.6010 ng/ml
Dextromethorphan	5.266	338612	279.07	81.5	229.89	158208	99.9928 ng/ml
Dextrorphan	4.117	370220	1736.25	210.4	2051.92	462013	97.3708 ng/ml
Diazepam	5.963	662347	27292.63	87.8	7376.53	313591	102.2957 ng/ml
Dihydrocodeine	2.549	369794	6112.42	63.3	1223.44	201979	105.1107 ng/ml
Diphenhydramine	5.294	1719440	1241.58	31.8	22195.05	1092116	95.2389 ng/ml
Doxylamine	4.541	3049170	158187.06	99.9	183233.40	1308830	102.2274 ng/ml
EDDP	5.259	1223307	61111.87	41.9	370.15	648621	97.5890 ng/ml
Fentanyl	5.100	40718	6748.76	73.7	7925.74	195291	9.8734 ng/ml
Fluoxetine	5.703	411000	2775.38	8.7	443.92	164673	99.1583 ng/ml
Hydrocodone	3.020	513431	∞	37.0	227.42	316758	107.0703 ng/ml
Hydromorphone	1.608	423846	1946.74	76.7	∞	133421	99.3054 ng/ml
Ketamine	4.050	1154006	25586.89	38.6	1454.44	521271	103.8107 ng/ml
Lamotrigine	4.280	95274	4202.20	81.1	∞	521271	100.2203 ng/ml
Lorazepam	5.749	759875	∞	57.2	3626.40	129020	95.9829 ng/ml
MDA	3.204	1580710	89358.61	20.7	1037.89	379911	104.8280 ng/ml
MDMA	3.298	1152697	61658.95	64.1	68363.45	109431	101.7790 ng/ml
Meprobamate	4.930	441090	64160.37	27.0	16000.18	210276	108.0277 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	985799	37134.84	51.8	1539.64	461789	98.1579 ng/ml
Methamphetamine	3.239	1114212	5327.93	39.9	11350.08	517886	104.5504 ng/ml
Metoprolol	4.332	252347	∞	90.1	4245.55	1275886	105.0793 ng/ml
Mirtazapine	4.623	1353341	76650.63	51.5	7929.29	642958	99.2587 ng/ml
Mitragynine	5.228	166059	14352.68	38.1	6615.12	461789	102.3013 ng/ml
Morphine	1.240	71015	1167.65	34.3	1223.60	9656	101.5999 ng/ml
Norbuprenorphine	4.991	1849	144.51	86.2	95.60	8214	10.7202 ng/ml
Nordiazepam	5.903	634007	2383.35	58.5	1768.88	203542	102.7292 ng/ml
Norfentanyl	4.085	229144	31345.12	33.9	∞	987920	9.6701 ng/ml
Norhydrocodone	3.061	50199	172.87	39.9	157.98	56504	84.6571 ng/ml
Noroxycodone	2.905	435628	1696.22	45.0	376.27	147413	103.2472 ng/ml
O-desmethyl-tramadol	3.377	2676570	86110.14	6.3	5661.82	1442218	98.5427 ng/ml
Oxazepam	5.759	1008593	30428.38	71.4	∞	598673	104.1651 ng/ml
Oxycodone	2.830	997114	6506.15	30.8	2397.66	434532	103.4422 ng/ml
Oxymorphone	1.396	410520	1977.47	46.4	3046.44	145655	101.6352 ng/ml
Phentermine	3.790	398823	12924.26	3.1	641.03	535440	105.8759 ng/ml
Promethazine	5.536	856811	942.19	30.2	∞	373909	95.9809 ng/ml
Quetiapine	5.539	750309	∞	57.1	1135562.87	98549	103.7282 ng/ml
Sertraline	5.772	180783	1228.70	94.5	975.16	74741	97.8842 ng/ml
Temazepam	5.826	1889874	29247.10	29.9	2565.06	894636	98.0396 ng/ml
Tramadol	4.252	2577563	117977.19	3.5	4409.74	1275886	103.6460 ng/ml
Trazodone	5.127	856043	24329.84	75.5	108423.50	352390	98.9463 ng/ml
Venlafaxine	5.041	1868347	1173.98	36.9	12630.51	1001994	94.2304 ng/ml
Zolpidem	4.892	2704278	1091.12	30.8	56189.23	1362009	103.9215 ng/ml

AM #28 Multi-Drug Quant. Results

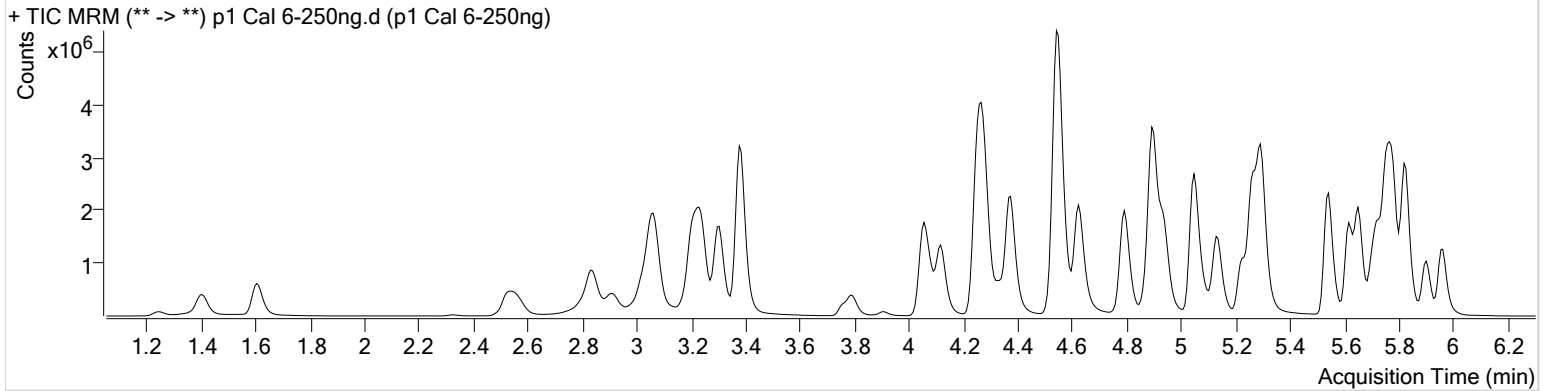
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Batch results D:\MassHunter\Data\2020\AM 27-28\110320 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/4/2020 1:14:19 PM

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-C12	Comment	
Injection Volume	2		
Acq. Date-Time	11/3/2020 7:37:51 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	69602	1123.73	73.1	1731.22	58204	25.5911 ng/ml
7-aminoclonazepam	4.277	1029077	18305.33	84.2	20088.73	144534	246.8957 ng/ml
a-hydroxyalprazolam	5.701	518797	1618.67	64.2	1481.79	54436	257.9516 ng/ml
alpha-PHP	4.942	740333	∞	265.6	13383.45	572812	253.5323 ng/ml
alpha-PVP	4.376	3388347	208472.98	50.7	1490.25	572812	243.4556 ng/ml
Alprazolam	5.778	1851844	∞	103.7	19168.02	209488	249.8459 ng/ml
Amphetamine	3.064	4114041	184803.42	50.6	53575.42	219510	223.9307 ng/ml
Benzoylecgonine	3.905	112674	9995.24	7.5	743.41	16333	240.0939 ng/ml
Buprenorphine	5.768	25850	1124.20	16.8	12706.07	41799	26.1619 ng/ml
Bupropion	4.793	3099697	121715.23	57.9	35949.32	407968	252.1699 ng/ml
Carisoprodol	5.727	1611152	126805.92	54.2	7945.06	317464	253.7388 ng/ml
Citalopram	5.224	1401216	1998.19	41.9	615.03	249828	243.9527 ng/ml
Clonazepam	5.615	2127030	153225.56	33.4	113922.26	106820	256.9054 ng/ml
Cocaine	4.270	2701244	214255.03	46.5	85535.04	800896	247.3016 ng/ml
Codeine	2.570	304362	15164.20	105.4	8669.07	58641	256.9648 ng/ml
Cyclobenzaprine	5.619	824184	∞	10.0	623.26	134600	249.5924 ng/ml
Dextromethorphan	5.273	726027	65272.66	80.1	∞	138451	245.3046 ng/ml
Dextrorphan	4.117	830975	234267.45	211.7	1387.58	410706	245.1301 ng/ml
Diazepam	5.963	1355688	12591.75	88.2	∞	265154	247.9461 ng/ml
Dihydrocodeine	2.528	865758	32077.20	64.1	9815.08	191611	260.5164 ng/ml
Diphenhydramine	5.301	3917465	1015921.79	32.0	29669.90	977536	240.9535 ng/ml
Doxylamine	4.541	7366089	193951.62	96.6	494806.73	1232218	262.4455 ng/ml
EDDP	5.265	2922569	106034.35	41.3	1215.36	611383	247.0159 ng/ml
Fentanyl	5.100	91734	1388.25	75.9	599098.34	175600	24.7966 ng/ml
Fluoxetine	5.703	835378	57905.29	8.9	4800.45	131637	251.8616 ng/ml
Hydrocodone	3.020	1139989	∞	36.9	∞	305586	247.5681 ng/ml
Hydromorphone	1.608	981340	2220.67	75.3	2408.45	121370	253.1930 ng/ml
Ketamine	4.058	2564405	124073.71	38.2	1107.68	478785	251.9332 ng/ml
Lamotrigine	4.286	189304	7876.67	81.3	∞	478785	218.3250 ng/ml
Lorazepam	5.749	1210933	7519.90	57.5	∞	106820	186.2587 ng/ml
MDA	3.211	3055117	3009.13	20.8	2097.66	324896	238.0787 ng/ml
MDMA	3.304	2589064	12331.98	63.5	62856.09	99742	251.0399 ng/ml
Meprobamate	4.936	815295	∞	27.4	13000.29	173393	243.0096 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	2244018	3184.87	51.8	4992.77	407539	252.8959 ng/ml
Methamphetamine	3.239	2885897	5864.76	39.0	2906.86	554185	255.4521 ng/ml
Metoprolol	4.332	549316	∞	91.5	∞	1124948	260.2520 ng/ml
Mirtazapine	4.623	3318042	14526.54	50.3	57238.76	572812	272.6499 ng/ml
Mitragynine	5.235	367673	21495.67	38.3	12298.62	407539	256.4460 ng/ml
Morphine	1.246	162289	5971.89	34.4	5636.38	8728	257.7038 ng/ml
Norbuprenorphine	4.998	3892	345.20	96.9	1025.86	7037	26.3255 ng/ml
Nordiazepam	5.903	1307491	∞	58.1	52543.80	171314	252.2296 ng/ml
Norfentanyl	4.092	547744	9546.34	34.1	1369.58	900784	25.2836 ng/ml
Norhydrocodone	3.068	99779	323.60	41.1	107.97	41508	224.9617 ng/ml
Noroxycodone	2.911	898046	2744.76	48.9	419.73	132576	236.8953 ng/ml
O-desmethyl-tramadol	3.377	6395826	150264.61	6.1	33142.54	1320922	256.8803 ng/ml
Oxazepam	5.759	1813250	∞	69.4	3973.79	430484	261.1619 ng/ml
Oxycodone	2.830	2324348	10471.25	30.8	4572.95	411848	254.4688 ng/ml
Oxymorphone	1.403	892061	1356.70	46.7	569.50	127274	253.2879 ng/ml
Phentermine	3.797	894503	∞	3.0	1358.74	520087	245.4026 ng/ml
Promethazine	5.536	1927387	1105.00	30.2	866.54	328399	244.7886 ng/ml
Quetiapine	5.539	1754449	92890.08	58.2	111338.80	95029	252.6523 ng/ml
Sertraline	5.772	337098	16537.74	94.2	153979.14	55222	246.8109 ng/ml
Temazepam	5.826	4138149	59767.37	28.6	11816.04	749919	256.1807 ng/ml
Tramadol	4.252	5684919	235382.77	3.4	6342.01	1124948	260.2597 ng/ml
Trazodone	5.127	2113848	4972.82	75.8	60485.86	339985	253.2431 ng/ml
Venlafaxine	5.048	4334816	145134.31	36.0	2268.00	895980	242.9580 ng/ml
Zolpidem	4.892	6498369	264608.80	29.7	124440.65	1276825	267.0379 ng/ml

AM #28 Multi-Drug Quant. Results

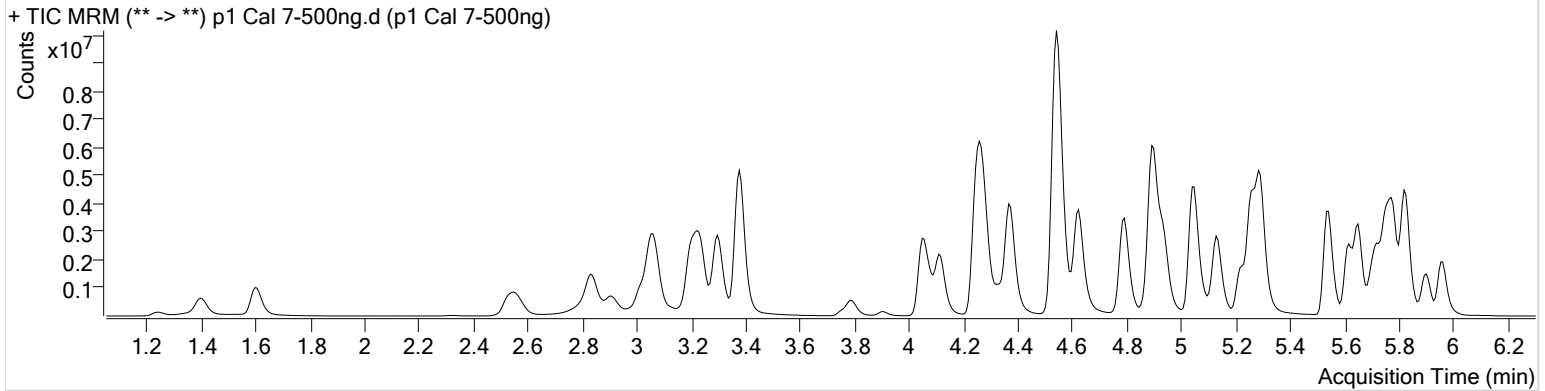
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Calibration Last Update 11/4/2020 1:14:19 PM

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-B12	Comment	
Injection Volume	2		
Acq. Date-Time	11/3/2020 7:48:27 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	135923	3096.28	73.1	2274.47	57522	50.6206 ng/ml
7-aminoclonazepam	4.284	1392903	23450.34	84.2	14901.31	95604	505.0209 ng/ml
a-hydroxyalprazolam	5.701	825514	∞	64.6	1018.40	45799	488.5839 ng/ml
alpha-PHP	4.935	1318280	13788.12	271.6	9714.92	527433	490.4066 ng/ml
alpha-PVP	4.369	6403362	∞	50.0	109310.41	527433	498.9795 ng/ml
Alprazolam	5.778	2966243	∞	108.4	∞	166107	503.3915 ng/ml
Amphetamine	3.064	6000115	∞	51.5	54320.72	191082	375.8921 ng/ml
Benzoylcegonine	3.905	236066	14711.28	7.4	1823.50	16071	510.7306 ng/ml
Buprenorphine	5.768	37738	1626.39	16.5	2659.18	32782	48.7834 ng/ml
Bupropion	4.793	5655215	101708.17	57.4	65987.84	372396	504.0264 ng/ml
Carisoprodol	5.727	2443076	167016.44	54.3	1949.15	251034	486.7524 ng/ml
Citalopram	5.217	2429745	34669.91	41.6	11266.75	214315	492.4323 ng/ml
Clonazepam	5.615	3359671	165942.07	33.1	49544.06	90286	480.8973 ng/ml
Cocaine	4.263	4787744	237704.25	45.6	108725.16	698427	502.1902 ng/ml
Codeine	2.570	523860	6050.77	108.2	16432.72	52840	491.1841 ng/ml
Cyclobenzaprine	5.619	1313390	688.11	9.7	1189.29	106949	500.4100 ng/ml
Dextromethorphan	5.266	1104564	258.26	77.7	813.27	102449	504.5748 ng/ml
Dextrorphan	4.117	1478851	1235.60	213.8	6038.87	361464	495.1905 ng/ml
Diazepam	5.963	2308928	7258.52	87.3	∞	228049	491.2150 ng/ml
Dihydrocodeine	2.535	1569857	601.72	63.8	34697.89	189844	477.4168 ng/ml
Diphenhydramine	5.294	6741545	192230.38	31.9	1104.47	817156	495.0339 ng/ml
Doxylamine	4.541	14447429	369655.66	97.2	181139.01	1199475	528.8839 ng/ml
EDDP	5.259	5584836	131326.72	40.5	1336.84	563552	511.8627 ng/ml
Fentanyl	5.100	157781	424347.82	74.0	9763.07	148646	50.4240 ng/ml
Fluoxetine	5.703	1263232	116347.00	8.7	1144.54	103632	483.6220 ng/ml
Hydrocodone	3.013	2051868	1407.13	37.2	528.55	293985	463.9474 ng/ml
Hydromorphone	1.608	1699163	∞	75.6	∞	110465	481.9283 ng/ml
Ketamine	4.050	4785352	1171901.17	37.6	6758.41	455396	494.7968 ng/ml
Lamotrigine	4.286	267930	9498.67	83.4	105084.06	455396	325.5135 ng/ml
Lorazepam	5.749	1429480	∞	55.0	14322.42	90286	260.7877 ng/ml
MDA	3.204	4695532	1208.66	20.6	674.76	277731	428.7895 ng/ml
MDMA	3.298	4573909	201046.37	63.6	81754.35	88306	501.0864 ng/ml
Meprobamate	4.930	1143616	63687.49	26.8	14806.00	128689	459.8983 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	3855972	7137.56	50.9	1568.22	348539	507.9359 ng/ml
Methamphetamine	3.239	4387044	34259.38	38.7	5700.66	451367	478.2503 ng/ml
Metoprolol	4.332	953943	∞	92.5	∞	1052759	483.4238 ng/ml
Mirtazapine	4.623	6051143	345212.04	50.1	153852.79	527433	539.7315 ng/ml
Mitragynine	5.228	590776	66949.25	38.5	558334.27	348539	481.6851 ng/ml
Morphine	1.246	285287	14040.77	34.6	∞	8172	484.3336 ng/ml
Norbuprenorphine	4.991	6225	108.68	97.1	96.78	6210	47.7068 ng/ml
Nordiazepam	5.903	2096727	870.98	57.7	10236.99	142503	486.5922 ng/ml
Norfentanyl	4.085	1001484	77108.79	34.0	7932.47	754184	55.1643 ng/ml
Norhydrocodone	3.061	174257	133.16	41.5	367.24	35766	453.4805 ng/ml
Noroxycodone	2.905	1495894	1026.53	48.5	19986.37	93765	558.1782 ng/ml
O-desmethyl-tramadol	3.377	11668881	286486.41	6.1	16103.72	1184254	522.6132 ng/ml
Oxazepam	5.753	2268595	15738.97	71.1	∞	284384	495.0420 ng/ml
Oxycodone	2.830	4250778	5140.59	31.0	∞	401289	477.6521 ng/ml
Oxymorphone	1.396	1543043	∞	47.0	∞	112896	494.2690 ng/ml
Phentermine	3.790	1340738	6502.57	3.2	4618.22	459098	417.1837 ng/ml
Promethazine	5.536	3102410	10104.77	30.0	1371.65	264986	487.6528 ng/ml
Quetiapine	5.539	3180420	78925.92	58.3	1019280.58	89454	487.2784 ng/ml
Sertraline	5.772	458266	∞	92.9	32391.25	36485	507.6756 ng/ml
Temazepam	5.826	7194635	178679.11	28.3	∞	651125	513.0299 ng/ml
Tramadol	4.245	10083822	134091.25	3.3	8080.86	1052759	493.8923 ng/ml
Trazodone	5.127	4011851	123156.72	76.6	544765.26	318630	512.8388 ng/ml
Venlafaxine	5.041	8315815	1300.95	35.2	141474.33	832474	500.6141 ng/ml
Zolpidem	4.892	11898038	156345.58	29.3	1345.69	1248613	500.3393 ng/ml

AM #28 Multi-Drug Quant. Results

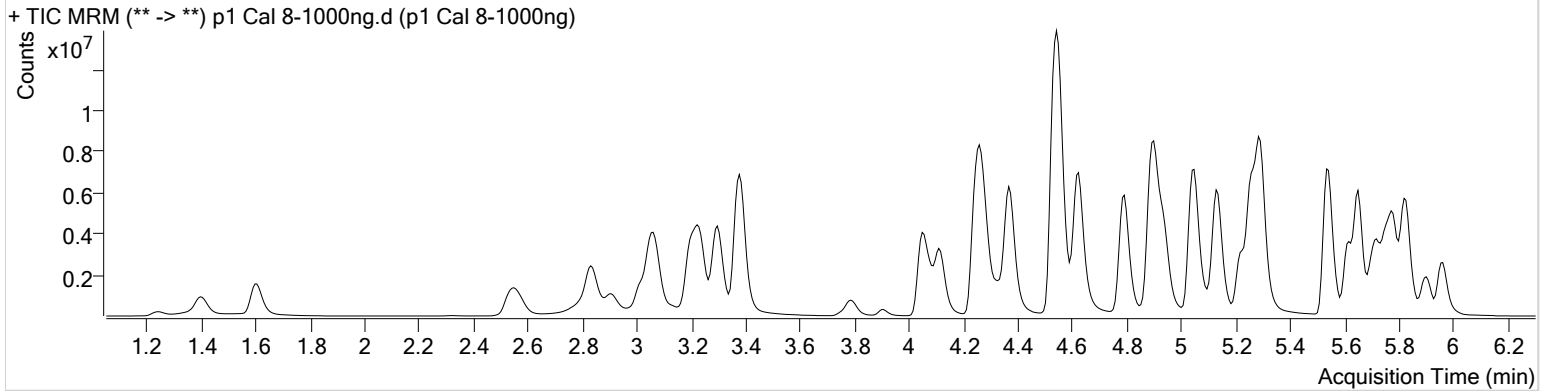
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Calibration Last Update 11/4/2020 1:14:19 PM

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-A12	Comment	
Injection Volume	2		
Acq. Date-Time	11/3/2020 7:59:03 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	255353	461874.14	72.1	29168.03	55355	98.8746 ng/ml
7-aminoclonazepam	4.284	1633764	∞	83.0	17758.87	50322	1125.1369 ng/ml
a-hydroxyalprazolam	5.695	1077061	287.41	64.2	∞	33535	871.2345 ng/ml
alpha-PHP	4.935	2213192	113056.67	273.8	∞	433930	1000.8480 ng/ml
alpha-PVP	4.369	10691093	14349.26	50.2	70021.55	433930	1011.9369 ng/ml
Alprazolam	5.778	4227319	∞	105.9	∞	118491	1004.4011 ng/ml
Amphetamine	3.065	8913843	104938.88	49.6	139202.57	159860	668.3184 ng/ml
Benzoylecgonine	3.898	511994	1606.03	7.3	4588.49	15775	1127.9380 ng/ml
Buprenorphine	5.768	70258	4329.11	15.7	5639.68	31625	94.2343 ng/ml
Bupropion	4.793	9902660	340963.22	57.4	135376.18	329004	999.0001 ng/ml
Carisoprodol	5.727	3250238	107232.81	54.0	18090.96	160359	1013.9479 ng/ml
Citalopram	5.217	4413250	1235.37	41.1	6128.03	187994	1018.9312 ng/ml
Clonazepam	5.615	3944621	130714.25	33.6	28697.94	61785	825.7372 ng/ml
Cocaine	4.263	7159327	120959.89	45.5	60110.13	522233	1003.8802 ng/ml
Codeine	2.570	802304	∞	103.5	49001.22	42822	928.6044 ng/ml
Cyclobenzaprine	5.619	3152503	101108.70	9.5	10609.13	119396	1075.7166 ng/ml
Dextromethorphan	5.266	1923740	301.27	79.0	467.58	89163	1009.9530 ng/ml
Dextrophan	4.111	2361413	103499.73	216.6	2655.85	282107	1012.6461 ng/ml
Diazepam	5.963	3391599	∞	87.6	8965.82	167579	982.1432 ng/ml
Dihydrocodeine	2.542	2531120	832.85	64.6	4576.95	178087	821.1171 ng/ml
Diphenhydramine	5.294	12642668	505.76	32.5	923.56	741881	1021.5389 ng/ml
Doxylamine	4.541	22292599	256009.18	98.1	255898.87	1120914	873.3274 ng/ml
EDDP	5.259	9072685	2174.72	40.1	∞	445516	1051.6125 ng/ml
Fentanyl	5.100	404560	∞	73.0	1190784.25	188014	102.2578 ng/ml
Fluoxetine	5.703	2795576	250322.66	8.7	15230.46	108425	1022.7713 ng/ml
Hydrocodone	3.013	3233175	798.28	39.4	∞	254549	845.0312 ng/ml
Hydromorphone	1.608	2836122	1483.29	74.9	1154.14	88857	1000.3198 ng/ml
Ketamine	4.050	7829381	7218.07	37.3	54365.56	402318	916.8140 ng/ml
Lamotrigine	4.286	346030	16446.43	79.6	64176.25	402318	476.4660 ng/ml
Lorazepam	5.743	1426421	∞	56.3	3854.03	61785	381.0173 ng/ml
MDA	3.197	6665276	49245.29	19.6	12100.79	229588	736.9594 ng/ml
MDMA	3.298	7242238	697452.07	63.7	141163.60	73208	957.1749 ng/ml
Meprobamate	4.930	1372168	∞	26.9	8955.48	79808	890.4387 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	7882239	805638.05	50.4	1793.70	340104	1063.8572 ng/ml
Methamphetamine	3.232	7018519	56811.35	37.9	64202.32	407130	849.5573 ng/ml
Metoprolol	4.332	1453098	9470.36	93.4	∞	873860	887.5982 ng/ml
Mirtazapine	4.623	11763833	321998.58	50.8	∞	433930	1274.9763 ng/ml
Mitragynine	5.228	1170513	70759.62	38.1	160005.28	340104	977.8971 ng/ml
Morphine	1.246	471842	∞	34.1	∞	6939	943.9996 ng/ml
Norbuprenorphine	4.991	13642	140303.76	91.9	2119.96	6488	100.0542 ng/ml
Nordiazepam	5.903	2916176	25917.49	57.0	6535.48	102465	941.5394 ng/ml
Norfentanyl	4.085	1750014	∞	33.8	17344.82	565756	128.4446 ng/ml
Norhydrocodone	3.061	324248	∞	38.1	97.57	27633	1088.7610 ng/ml
Noroxycodone	2.905	2302696	∞	47.4	∞	88062	914.9856 ng/ml
O-desmethyl-tramadol	3.377	17849368	789715.52	6.4	14286.73	949886	996.5383 ng/ml
Oxazepam	5.753	2058970	∞	75.0	12944.89	153275	833.9573 ng/ml
Oxycodone	2.830	7467317	∞	30.3	3363.37	363305	926.8523 ng/ml
Oxymorphone	1.396	2632123	∞	46.3	2098.77	99439	957.5621 ng/ml
Phentermine	3.790	2137292	∞	3.0	2778.95	417914	731.1094 ng/ml
Promethazine	5.536	7536242	5738.56	29.1	1779.83	306920	1022.0044 ng/ml
Quetiapine	5.539	5573941	∞	57.9	253093.95	86814	880.5946 ng/ml
Sertraline	5.772	927959	35782.02	93.1	54316.42	37584	997.8127 ng/ml
Temazepam	5.826	10068426	177382.26	28.2	8011.18	459016	1018.4823 ng/ml
Tramadol	4.245	14753256	146912.62	3.4	17389.50	873860	871.0310 ng/ml
Trazodone	5.127	9039973	2405998.09	76.5	∞	373527	985.7508 ng/ml
Venlafaxine	5.048	13971891	174716.39	35.9	11588.00	689441	1014.6178 ng/ml
Zolpidem	4.897	17952460	∞	31.7	85061.24	1127749	836.1313 ng/ml