

TS

REVIEWED
By Britany Wylie at 12:44 pm, Nov 20, 2020

Worklist: 4602

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2020-3939	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-3947	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-4218	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-4240	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3008	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3008	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3008	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3110	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3116	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3118	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3137	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3138	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3144	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3152	5	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3155	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3164	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3168	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3171	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3179	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3180	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3181	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 4602

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<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2020-3187	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-3199	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-3344	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

TS

Extraction Date: 11/12/2020
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: Lampire 20K20702

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: Benzoylcegonine 5-100, Dihydrocodeine 5-500, Lamotrigine 5-250, Lorazepam 5-100, Meprobamate, 5-250, Mirtazapine 5-500, Mitragnine 5-500, Norbuprenorphine 1-100, Norhydrocodone 5-250, Trazodone 5-500*

Samples were extracted on 11/12/2020. Before they had injected, it was discovered that the instrument was in need of maintenance. The samples were immediately put in the freezer. Samples were removed from the freezer and ran on 11/14/2020, after completion of the instrument maintenance. Since the extraction of the samples was completed before the expiration of the analytical plates, an external control was not required.

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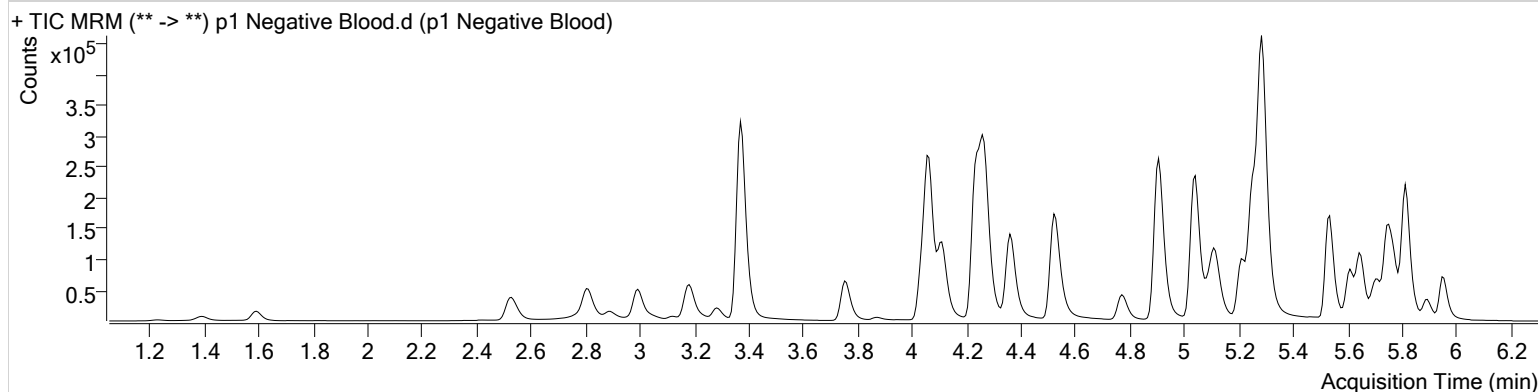


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/18/2020 10:40:40 AM

Instrument	Instrument 1	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	11/14/2020 11:12:37 PM		
Sample Info.			

Sample Chromatogram



AM #28 Multi-Drug Quant. Results

TS

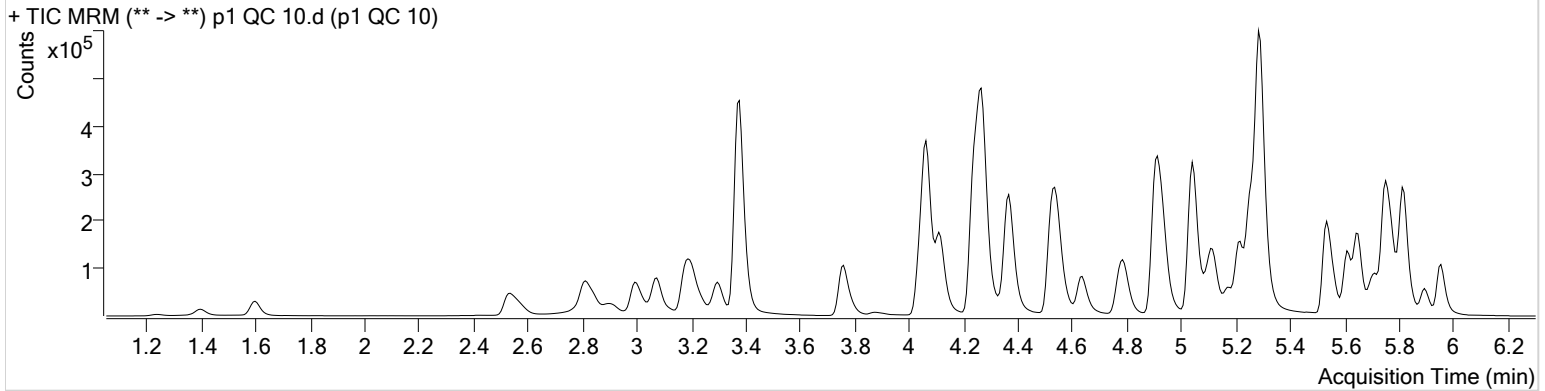


Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/20/2020 9:55:33 AM

Instrument Instrument 1
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-H11
Injection Volume 2
Acq. Date-Time 11/14/2020 9:37:11 PM
Sample Info.

Data File p1 QC 10.d
Sample p1 QC 10
Operator Tamara Salazar
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	1091	2151.09	70.5	∞	12846	1.0638 ng/ml
7-aminoclonazepam	4.277	21325	∞	81.6	101.82	76542	9.3244 ng/ml
a-hydroxyalprazolam	5.695	15204	376.26	63.8	260.63	13904	10.9952 ng/ml
alpha-PHP	4.942	27788	647.21	275.0	∞	495298	10.8551 ng/ml
alpha-PVP	4.376	118169	∞	47.7	4905.07	495298	9.9761 ng/ml
Alprazolam	5.778	41164	270.33	103.6	496.98	93466	9.8160 ng/ml
Amphetamine	3.078	139379	4844.11	45.4	9710.86	44696	10.3113 ng/ml
Benzoylecgonine	3.905	3656	95.73	7.9	239.43	11476	10.4581 ng/ml
Buprenorphine	5.857	2090	∞	13.3	1262.78	53985	1.0354 ng/ml
Bupropion	4.793	96889	418.15	62.9	324.50	209611	10.1102 ng/ml
Carisoprodol	5.727	14995	41063.07	46.0	213.83	80868	9.6404 ng/ml
Citalopram	5.217	60060	119.03	42.6	5291.62	282865	10.2161 ng/ml
Clonazepam	5.615	73272	3840.50	32.4	859.94	57460	9.8250 ng/ml
Cocaine	4.270	104187	3501.75	51.5	3786.04	629483	10.1500 ng/ml
Codeine	2.583	8099	287.95	109.6	226.83	29385	9.9733 ng/ml
Cyclobenzaprine	5.619	18255	1952.69	10.6	105.71	79428	9.5159 ng/ml
Dextromethorphan	5.266	27209	1746.34	84.6	1271.99	137190	9.7387 ng/ml
Dextrorphan	4.117	13663	5329.22	236.1	1374.77	309703	9.4450 ng/ml
Diazepam	5.956	32579	729.65	93.7	328.75	169899	10.2680 ng/ml
Dihydrocodeine	2.562	23127	673.26	59.6	749.89	108820	9.9655 ng/ml
Diphenhydramine	5.294	100004	4727.76	28.4	1506.68	1204357	10.1993 ng/ml
Doxylamine	4.548	169664	25214.13	100.2	14432.36	585232	10.2206 ng/ml
EDDP	5.259	46674	692.87	47.5	6153.94	342415	9.6270 ng/ml
Fentanyl	5.107	2302	384.93	50.5	3436.98	119112	1.0550 ng/ml
Fluoxetine	5.703	14061	518.67	8.6	846.23	59488	10.1611 ng/ml
Hydrocodone	3.020	22299	129.10	30.1	57.20	152102	10.4363 ng/ml
Hydromorphone	1.608	18625	1766.92	74.2	184.09	55978	9.6161 ng/ml
Ketamine	4.058	82995	577.62	40.7	503.84	323517	10.4235 ng/ml
Lamotrigine	4.286	5328	∞	87.6	19849.16	323517	11.3350 ng/ml
Lorazepam	5.749	84198	230.45	52.5	574.44	57460	9.7015 ng/ml
MDA	3.211	95987	6021.32	12.8	∞	87756	10.6970 ng/ml
MDMA	3.304	91677	3182.91	39.6	1299.19	59616	10.5279 ng/ml
Meprobamate	4.930	4593	∞	22.3	130.40	25773	10.3191 ng/ml

AM #28 Multi-Drug Quant. Results

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Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	66150	1183.51	49.5	188.27	242050	10.0038 ng/ml
Methamphetamine	3.239	25412	319.11	43.8	399.25	210383	10.0910 ng/ml
Metoprolol	4.332	11825	∞	88.5	∞	717380	9.7896 ng/ml
Mirtazapine	4.636	129853	807.59	53.4	2237.29	495298	10.1578 ng/ml
Mitragynine	5.235	9385	687.96	36.1	58.67	242050	10.0096 ng/ml
Morphine	1.246	2942	226.61	19.9	1349.02	5219	10.2895 ng/ml
Norbuprenorphine	4.998	85	44.27	67.7	144.45	3562	0.9476 ng/ml
Nordiazepam	5.903	24583	507.24	56.8	523.07	72407	10.3329 ng/ml
Norfentanyl	4.092	18589	4022.82	32.5	154.87	668555	0.9747 ng/ml
Norhydrocodone	3.068	626	24.17	35.0	75.36	11890	9.4171 ng/ml
Noroxycodone	2.918	22747	877.14	46.4	255.78	49115	10.5015 ng/ml
O-desmethyl-tramadol	3.377	172960	840.06	6.1	2229.93	987565	10.0731 ng/ml
Oxazepam	5.753	45481	1661.42	84.7	∞	342513	9.9588 ng/ml
Oxycodone	2.843	61609	888.26	28.6	532.50	223430	10.2797 ng/ml
Oxymorphone	1.403	11695	180.42	43.8	∞	29602	10.1146 ng/ml
Phentermine	3.797	21942	∞	1.4	158.29	277859	10.5026 ng/ml
Promethazine	5.536	68648	3645.67	29.4	443.60	297067	10.0784 ng/ml
Quetiapine	5.553	57919	5942.22	56.6	∞	59508	10.8551 ng/ml
Sertraline	5.772	8252	∞	91.3	169.97	31653	10.3488 ng/ml
Temazepam	5.820	69317	782.56	34.3	239.40	459767	10.0550 ng/ml
Tramadol	4.252	162047	11240.26	3.5	228.67	717380	10.0827 ng/ml
Trazodone	5.175	70958	1665.75	77.2	2637.86	282694	9.9399 ng/ml
Venlafaxine	5.041	106592	3323.14	34.9	191.10	688250	10.6480 ng/ml
Zolpidem	4.933	151271	463.75	32.5	112.94	783486	10.3231 ng/ml

TS



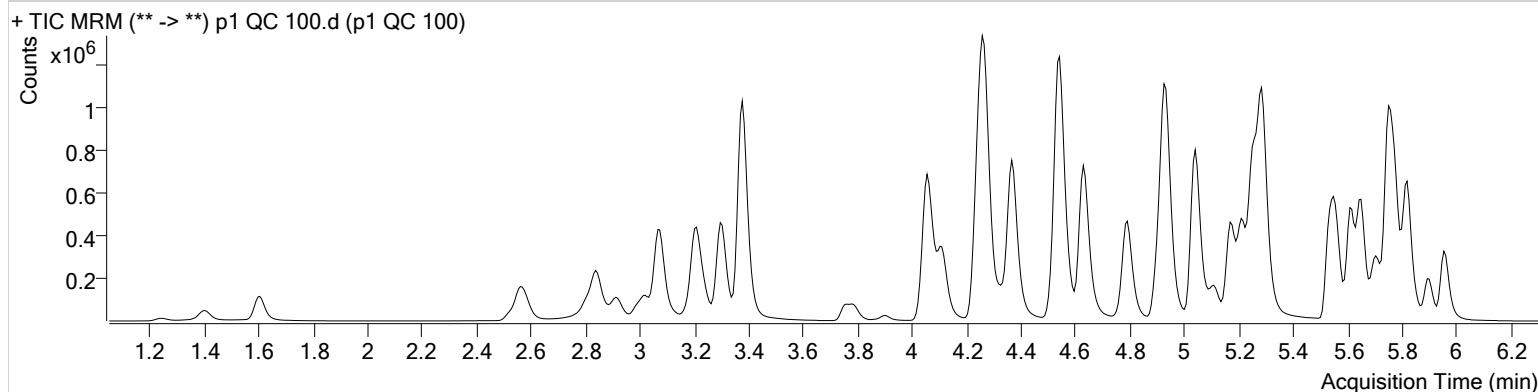
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/20/2020 9:55:33 AM

Instrument Instrument 1
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-G11
Injection Volume 2
Acq. Date-Time 11/14/2020 9:58:23 PM
Sample Info.

Data File p1 QC 100.d
Sample p1 QC 100
Operator Tamara Salazar
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	10512	∞	69.6	722.51	13121	10.2695 ng/ml
7-aminoclonazepam	4.277	179681	538.93	79.4	376.96	56860	98.5858 ng/ml
a-hydroxyalprazolam	5.695	134732	453.08	68.1	986.71	12742	107.0131 ng/ml
alpha-PHP	4.935	231385	28259.60	285.2	12535.85	412456	114.5443 ng/ml
alpha-PVP	4.369	1032263	31135.64	48.0	125168.75	412456	104.9834 ng/ml
Alprazolam	5.778	371027	1891.66	104.8	∞	74223	101.1156 ng/ml
Amphetamine	3.078	814828	19692.99	45.7	13112.43	26845	108.9234 ng/ml
Benzoylecgonine	3.898	38226	537.64	8.0	169.43	10706	115.1108 ng/ml
Buprenorphine	5.857	17620	33224.64	12.4	6426.84	47187	9.7620 ng/ml
Bupropion	4.793	705764	105521.77	62.8	622.88	147402	106.2639 ng/ml
Carisoprodol	5.727	139875	429918.72	43.5	1042.52	69648	108.4371 ng/ml
Citalopram	5.217	529068	29132.82	42.3	1056.72	247739	103.9013 ng/ml
Clonazepam	5.615	649469	31854.28	32.2	33399.19	47737	112.3675 ng/ml
Cocaine	4.263	936386	66874.68	50.6	88134.46	539700	106.7298 ng/ml
Codeine	2.583	72708	6972.54	111.7	59861.84	26232	107.0705 ng/ml
Cyclobenzaprine	5.619	155396	25075.06	11.0	∞	61322	97.6060 ng/ml
Dextromethorphan	5.260	234817	18934.74	81.6	735.43	110990	101.7948 ng/ml
Dextrorphan	4.111	131617	2875.33	226.4	12503.58	272561	99.0726 ng/ml
Diazepam	5.956	298321	11149.74	91.9	6416.32	151959	107.6410 ng/ml
Dihydrocodeine	2.562	213645	2995.79	60.6	276.10	99081	109.1525 ng/ml
Diphenhydramine	5.294	876752	63407.85	29.7	203.41	1060909	103.6639 ng/ml
Doxylamine	4.541	1597844	48299.91	100.0	∞	538722	107.1009 ng/ml
EDDP	5.259	623147	4231.12	48.5	32608.08	440993	100.2407 ng/ml
Fentanyl	5.107	19371	1227.88	54.8	∞	104816	9.8670 ng/ml
Fluoxetine	5.703	111067	683.56	8.9	80.55	45748	106.5759 ng/ml
Hydrocodone	3.020	204770	146.32	31.1	72.55	141219	112.6991 ng/ml
Hydromorphone	1.608	170079	1037.68	72.2	648.45	48906	104.1764 ng/ml
Ketamine	4.058	731626	273055.73	40.9	∞	289283	110.3612 ng/ml
Lamotrigine	4.286	44588	4428.74	91.5	52637.78	289283	113.3669 ng/ml
Lorazepam	5.749	669737	3290.36	52.4	2590.89	47737	96.7033 ng/ml
MDA	3.211	806120	33778.79	12.1	3262.06	74723	116.0426 ng/ml
MDMA	3.298	851165	15182.67	38.3	14715.00	53355	112.5683 ng/ml
Meprobamate	4.923	35223	∞	22.5	1709.69	21624	103.8327 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.649	607315	9682.09	48.3	29842.24	212178	104.4852 ng/ml
Methamphetamine	3.239	112074	1073.57	44.3	∞	100253	105.9504 ng/ml
Metoprolol	4.325	105049	238637.88	90.7	3215.31	631882	110.0782 ng/ml
Mirtazapine	4.629	1219065	11561.44	52.5	7106.79	412456	104.4897 ng/ml
Mitragynine	5.235	80395	∞	37.4	1959.86	212178	103.4023 ng/ml
Morphine	1.246	26234	309.05	20.3	164.70	4693	103.5401 ng/ml
Norbuprenorphine	4.984	727	1078.83	61.5	1740.43	2978	10.8701 ng/ml
Nordiazepam	5.903	222983	2355.42	58.5	8961.31	62718	111.2722 ng/ml
Norfentanyl	4.085	170695	648.07	34.2	51.03	582046	9.6783 ng/ml
Norhydrocodone	3.068	6282	81.87	40.7	28.61	9516	100.6147 ng/ml
Noroxycodone	2.911	206001	616.72	47.7	299.75	42653	110.5985 ng/ml
O-desmethyl-tramadol	3.377	1641045	135496.13	6.0	938.40	903083	107.2091 ng/ml
Oxazepam	5.753	392419	17441.96	75.4	∞	272171	113.9591 ng/ml
Oxycodone	2.836	563353	4491.86	28.4	2789.82	200812	109.2140 ng/ml
Oxymorphone	1.403	100007	413.33	43.9	828.99	25709	106.5494 ng/ml
Phentermine	3.790	144703	1035.38	1.5	84.08	191194	109.2035 ng/ml
Promethazine	5.536	584971	62972.66	29.5	15275.91	244496	105.9379 ng/ml
Quetiapine	5.553	536087	∞	58.7	123885.67	57011	108.8310 ng/ml
Sertraline	5.772	59387	1051.59	87.3	3160.71	23297	103.2886 ng/ml
Temazepam	5.819	673853	1051.19	34.4	4056.08	445956	104.6939 ng/ml
Tramadol	4.245	1477543	124258.66	3.4	1321.29	631882	111.7674 ng/ml
Trazodone	5.168	683981	∞	77.1	18413.86	266908	105.9751 ng/ml
Venlafaxine	5.041	1043540	60081.27	34.5	1856.51	640523	112.1186 ng/ml
Zolpidem	4.926	1388325	68353.48	32.5	26020.10	708870	113.8260 ng/ml

TS

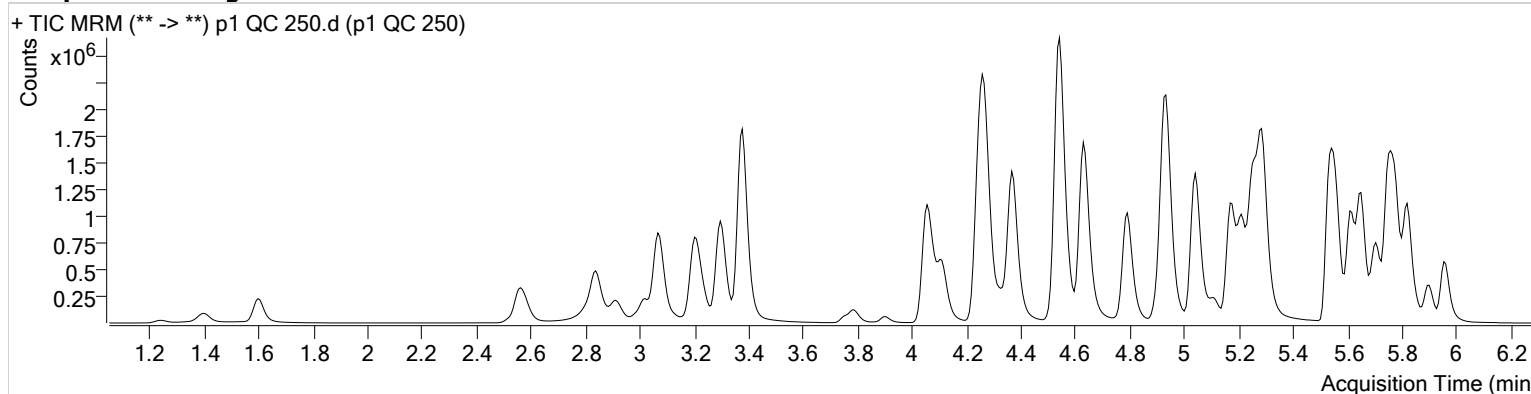


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/20/2020 9:55:33 AM

Instrument	Instrument 1	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-F11	Comment	
Injection Volume	2		
Acq. Date-Time	11/14/2020 10:19:36 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	24834	∞	68.2	755.33	12337	25.8460 ng/ml
7-aminoclonazepam	4.277	341114	11175.34	81.7	32920.00	42414	249.8341 ng/ml
a-hydroxyalprazolam	5.695	263815	1682.51	68.3	2093.30	10408	256.6472 ng/ml
alpha-PHP	4.942	471454	3385.20	279.8	210108.32	373591	258.5000 ng/ml
alpha-PVP	4.369	2233162	4283.42	48.1	1941.23	373591	250.7935 ng/ml
Alprazolam	5.778	734942	3638.10	103.7	1425.39	56442	261.7934 ng/ml
Amphetamine	3.071	1634093	43763.64	46.7	33267.55	22987	256.4121 ng/ml
* Benzoylcegonine	3.898	98314	837.11	7.5	733.87	10238	309.2322 ng/ml
Buprenorphine	5.857	44649	583.84	11.8	∞	46904	24.8460 ng/ml
Bupropion	4.793	1631081	3201.80	62.6	1049.41	142677	253.9446 ng/ml
Carisoprodol	5.727	259692	68892.38	45.4	2802.90	54907	255.9261 ng/ml
Citalopram	5.210	1242785	31889.11	42.8	1221964.10	247184	244.7840 ng/ml
Clonazepam	5.608	1203132	76307.61	31.7	20586.27	38325	260.2971 ng/ml
Cocaine	4.263	1923629	398642.34	50.9	109037.52	461161	256.6463 ng/ml
Codeine	2.583	156783	3127.75	106.6	10328.63	23701	256.5652 ng/ml
Cyclobenzaprine	5.619	575817	89174.82	11.2	460.29	85433	258.3952 ng/ml
Dextromethorphan	5.260	552665	241.86	81.6	12825.20	103676	256.1567 ng/ml
Dextrophan	4.111	298133	4866.23	219.1	3082.44	245884	248.1071 ng/ml
Diazepam	5.956	614413	1255.32	92.0	5287.42	131421	256.7164 ng/ml
Dihydrocodeine	2.555	462943	2552.68	62.6	427.42	96934	242.8267 ng/ml
Diphenhydramine	5.294	1995326	47907.30	30.6	22380.34	1024598	244.6071 ng/ml
Doxylamine	4.541	3637406	222796.96	99.4	∞	510859	257.4919 ng/ml
EDDP	5.252	1339310	1111.62	47.8	20035.09	382970	248.1553 ng/ml
Fentanyl	5.107	59645	153.72	54.4	103824.45	126726	25.0890 ng/ml
Fluoxetine	5.703	593901	∞	9.0	538.55	101913	256.1542 ng/ml
Hydrocodone	3.020	432995	536.63	33.0	1002.25	135828	249.0434 ng/ml
Hydromorphone	1.601	359867	3887.29	73.7	1770.25	45211	238.9436 ng/ml
Ketamine	4.058	1568482	370442.52	41.2	1093.87	269146	255.4172 ng/ml
Lamotrigine	4.286	87941	5062.78	87.7	22611.07	269146	241.2951 ng/ml
* Lorazepam	5.749	1049199	3086.33	52.3	∞	38325	189.1200 ng/ml
MDA	3.204	1627768	2034.82	11.2	343.89	67671	260.1989 ng/ml
MDMA	3.298	1865726	152899.84	37.1	38020.29	49288	267.5956 ng/ml
Meprobamate	4.923	61251	37481.62	22.2	1200.53	19043	206.1760 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	1491494	3039.10	48.5	1126.62	213699	254.7333 ng/ml
Methamphetamine	3.239	191063	5144.96	45.3	2607.87	73916	246.9756 ng/ml
Metoprolol	4.325	221971	∞	92.1	12466.98	580294	254.9014 ng/ml
Mirtazapine	4.629	2916388	218293.82	51.8	413603.26	373591	274.3758 ng/ml
Mitragynine	5.235	197319	19228.80	37.8	261414.77	213699	252.8970 ng/ml
Morphine	1.246	57165	1638.98	20.5	220.01	4164	254.4985 ng/ml
Norbuprenorphine	4.991	1733	2298.73	58.1	1944.22	3110	24.9773 ng/ml
Nordiazepam	5.903	446196	1484.11	59.2	1130.17	53501	261.4513 ng/ml
Norfentanyl	4.085	383267	514.40	35.2	11415.43	527292	23.8944 ng/ml
Norhydrocodone	3.061	14757	97.19	41.1	60.04	8575	259.8708 ng/ml
Noroxycodone	2.911	431002	1036.74	47.5	2296.76	38078	259.3520 ng/ml
O-desmethyl-tramadol	3.377	3673325	4958.93	6.2	15656.23	846683	256.3617 ng/ml
Oxazepam	5.753	670135	40818.40	75.0	11230.85	200770	264.5941 ng/ml
Oxycodone	2.836	1289227	8612.45	28.2	2638.08	195741	257.0900 ng/ml
Oxymorphone	1.396	213196	489.12	43.7	531.00	23249	252.2535 ng/ml
Phentermine	3.790	278720	2823.75	1.4	62.30	157280	257.0334 ng/ml
Promethazine	5.536	2287575	113276.98	29.9	788.07	401236	252.6795 ng/ml
Quetiapine	5.553	1253266	173857.12	59.0	∞	56237	258.5528 ng/ml
Sertraline	5.772	359278	10210.00	90.0	472.08	57410	253.9166 ng/ml
Temazepam	5.819	1420571	133269.52	33.2	9937.12	387560	254.5834 ng/ml
Tramadol	4.245	3046157	115134.28	3.5	587.65	580294	251.8927 ng/ml
Trazodone	5.168	1698319	∞	78.1	584.40	293786	239.6745 ng/ml
Venlafaxine	5.041	2264869	2533.70	34.6	624.94	589463	264.4319 ng/ml
Zolpidem	4.926	3006119	509598.16	32.0	160913.74	676427	259.5511 ng/ml

TS

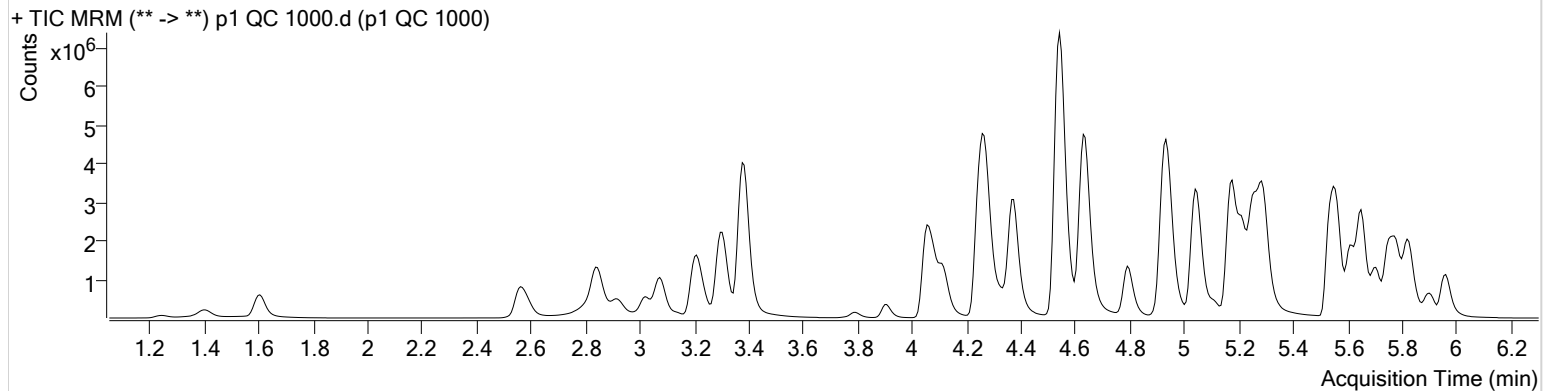


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/20/2020 9:55:33 AM

Instrument	Instrument 1	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-E11	Comment	
Injection Volume	2		
Acq. Date-Time	11/14/2020 10:40:48 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	92755	2653.36	70.9	103795.78	11993	99.3814 ng/ml
7-aminoclonazepam	4.284	552583	42139.15	84.4	3138.28	15658	1093.9560 ng/ml
a-hydroxyalprazolam	5.695	620211	293.50	67.6	439.78	6716	935.2825 ng/ml
alpha-PHP	4.942	1026950	∞	285.7	∞	224565	938.5020 ng/ml
alpha-PVP	4.376	5379692	159957.20	48.5	170462.03	224565	1005.2027 ng/ml
Alprazolam	5.778	1793960	763.39	101.9	613.56	33007	1089.5883 ng/ml
Amphetamine	3.078	1965727	260.02	46.2	32119.27	6941	1024.4929 ng/ml
* Benzoyllecgonine	3.905	620305	104703.80	7.5	7282.10	10242	1949.3579 ng/ml
Buprenorphine	5.857	130441	4549.97	11.9	40652.97	31231	108.9271 ng/ml
Bupropion	4.793	2086972	760232.57	62.6	82921.33	45624	1016.5987 ng/ml
Carisoprodol	5.727	535061	44972.42	44.1	7581.04	30634	946.2213 ng/ml
Citalopram	5.217	3215017	1874.90	41.4	28170.86	156909	997.9624 ng/ml
Clonazepam	5.615	2348150	70118.20	32.1	56834.75	23296	837.4834 ng/ml
Cocaine	4.270	4899978	∞	50.8	∞	289788	1040.4582 ng/ml
Codeine	2.590	415280	10834.30	103.0	11396.35	17007	949.0814 ng/ml
Cyclobenzaprine	5.619	1081830	439.30	11.0	∞	35550	1164.0924 ng/ml
Dextromethorphan	5.266	1086137	90520.31	80.4	384.04	49794	1047.4888 ng/ml
Dextrophan	4.117	899683	879.99	219.9	119894.13	170403	1078.9147 ng/ml
Diazepam	5.963	1506212	453.98	92.3	∞	84597	978.4288 ng/ml
* Dihydrocodeine	2.562	1289115	700.15	63.3	851.19	88897	739.1012 ng/ml
Diphenhydramine	5.294	5053710	∞	31.3	714.09	646004	983.3430 ng/ml
Doxylamine	4.541	10937273	607813.75	99.2	458852.96	433393	913.3409 ng/ml
EDDP	5.259	3910140	101739.90	46.1	64324.90	272883	1016.9156 ng/ml
Fentanyl	5.107	194498	14761.89	54.6	51659.93	103072	100.5108 ng/ml
Fluoxetine	5.703	653505	∞	8.9	52804.62	27954	1028.3003 ng/ml
Hydrocodone	3.020	1234055	325.08	34.9	∞	116429	830.5267 ng/ml
Hydromorphone	1.608	1093703	2317.25	73.5	∞	35140	935.4303 ng/ml
Ketamine	4.058	4434065	278989.23	41.5	3535.72	212021	918.8253 ng/ml
* Lamotrigine	4.293	177889	45067.10	90.3	20236.52	212021	620.9728 ng/ml
* Lorazepam	5.743	1292275	∞	51.9	2267.53	23296	383.6640 ng/ml
MDA	3.211	3736072	97691.44	10.9	19267.14	46082	879.8259 ng/ml
MDMA	3.304	4846847	445661.46	36.6	62753.92	36029	951.9190 ng/ml
* Meprobamate	4.923	88326	∞	22.4	1853.09	12786	444.1462 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	4103465	1643.54	48.2	63852.77	144129	1039.0271 ng/ml
Methamphetamine	3.239	114209	1805.53	44.0	∞	12647	866.6474 ng/ml
Metoprolol	4.332	549230	1061806.62	94.1	5127.37	451326	813.6618 ng/ml
* Mirtazapine	4.629	9006467	290938.15	51.0	∞	224565	1405.6066 ng/ml
* Mitragynine	5.235	399861	37148.84	37.5	10020.19	144129	761.1387 ng/ml
Morphine	1.246	176817	5656.68	20.8	1092.13	3306	992.0569 ng/ml
Norbuprenorphine	4.991	5520	11465.84	59.1	18394.07	2366	104.9689 ng/ml
Nordiazepam	5.903	974912	∞	58.8	713.68	30751	994.7742 ng/ml
Norfentanyl	4.085	1180093	216898.99	35.0	3127.27	337084	114.8458 ng/ml
* Norhydrocodone	3.068	78168	626.75	42.3	1067.52	6273	1872.2531 ng/ml
Noroxycodone	2.918	1030847	∞	48.3	3268.00	24622	959.6048 ng/ml
O-desmethyl-tramadol	3.377	10555428	462411.50	6.3	34684.48	621462	1004.4740 ng/ml
Oxazepam	5.753	822326	66322.26	77.7	28226.96	77442	843.0434 ng/ml
Oxycodone	2.836	4160751	∞	28.1	18614.73	171048	950.8491 ng/ml
Oxymorphone	1.403	611878	∞	43.9	∞	19368	870.9694 ng/ml
Phentermine	3.797	364111	13336.60	1.4	162.32	52673	1005.5212 ng/ml
Promethazine	5.536	4329824	3333.39	29.9	339231.37	190753	1006.4937 ng/ml
Quetiapine	5.559	3779268	335714.46	60.0	154056.76	45937	955.7222 ng/ml
Sertraline	5.772	252748	13500.25	87.5	5060.25	10211	1005.0444 ng/ml
Temazepam	5.826	3404519	84930.16	32.8	28170.23	242192	977.5724 ng/ml
Tramadol	4.245	7983890	285116.98	3.6	6386.86	451326	850.7336 ng/ml
* Trazodone	5.175	5601947	∞	78.6	∞	295947	785.9090 ng/ml
Venlafaxine	5.041	6782976	56635.28	34.1	1588.37	439513	1062.1591 ng/ml
Zolpidem	4.926	8179795	252304.84	31.7	944.85	584718	819.1621 ng/ml

*Outside curve range.

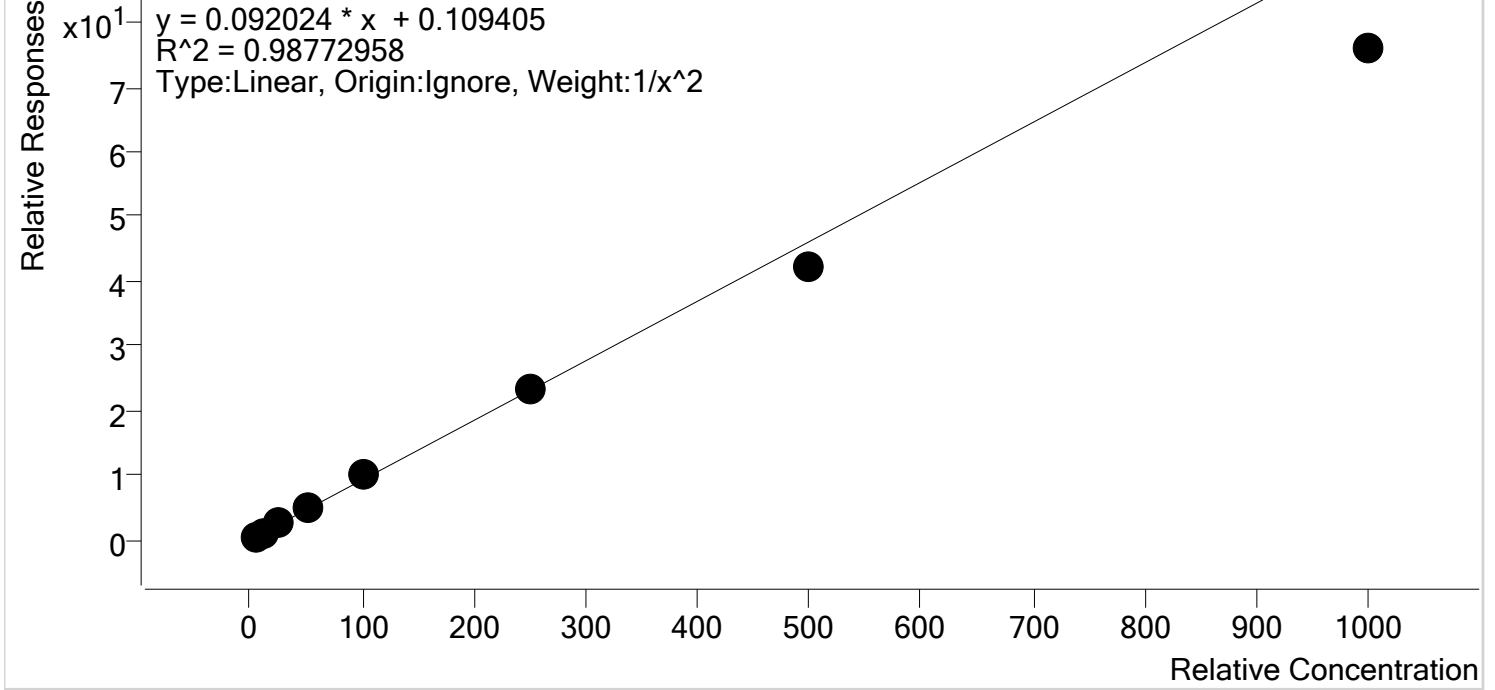


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



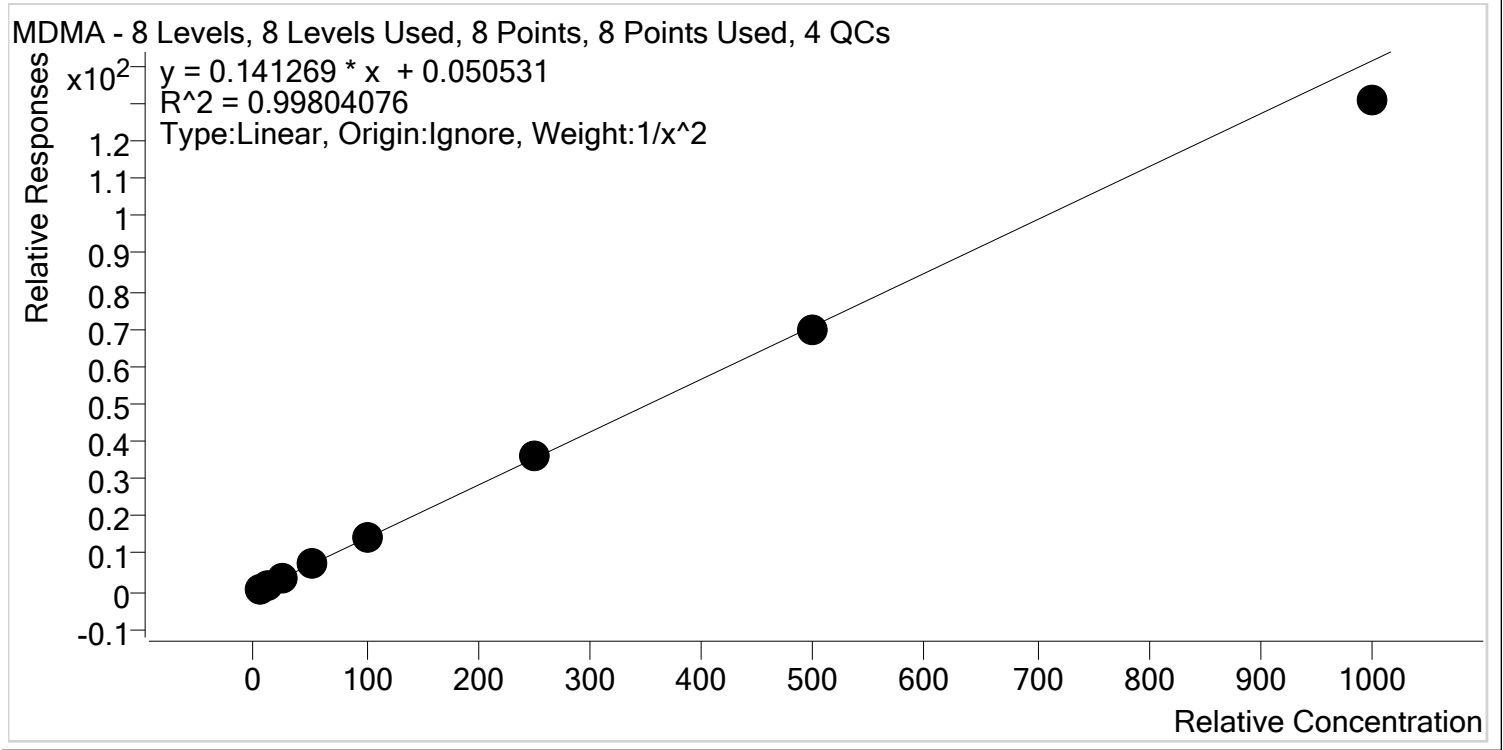
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	56.0	111.9
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	253.6	101.5
p1 Cal 7-500ng	7	✓	500.0	457.1	91.4
p1 Cal 8-1000ng	8	✓	1000.0	824.0	82.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6



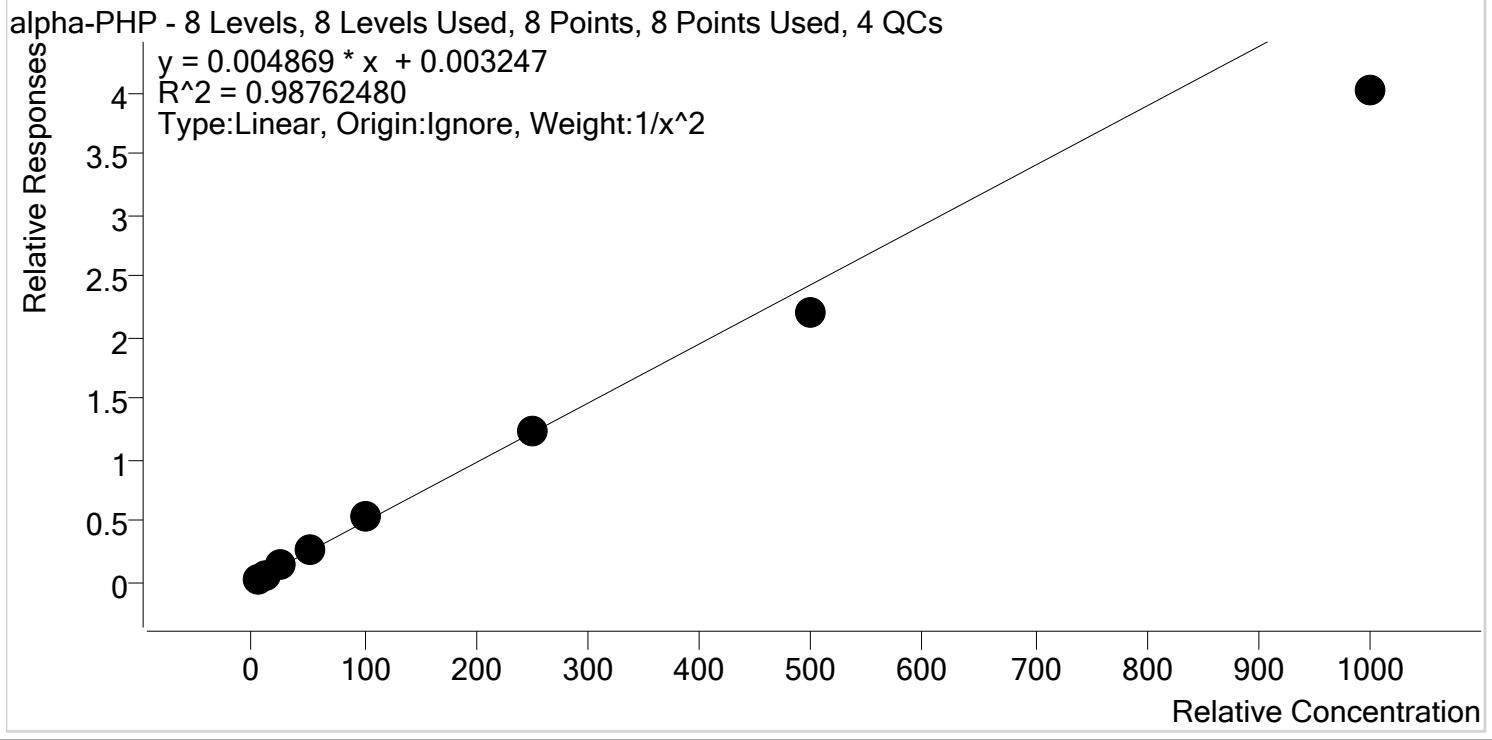
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.8
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	256.9	102.7
p1 Cal 7-500ng	7	✓	500.0	493.0	98.6
p1 Cal 8-1000ng	8	✓	1000.0	924.9	92.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.9
p1 Cal 2- 10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	54.8	109.6
p1 Cal 5-100ng	5	✓	100.0	109.6	109.6
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	455.3	91.1
p1 Cal 8-1000ng	8	✓	1000.0	826.2	82.6

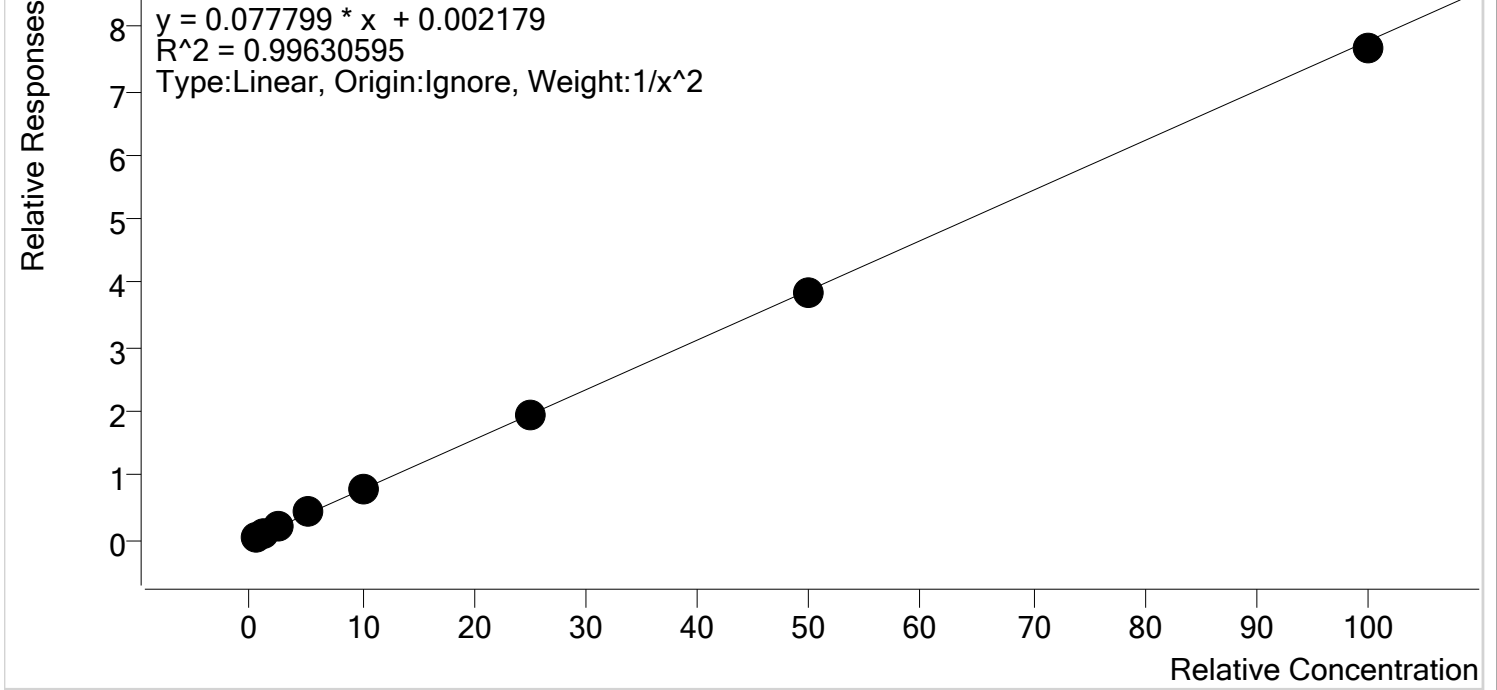


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



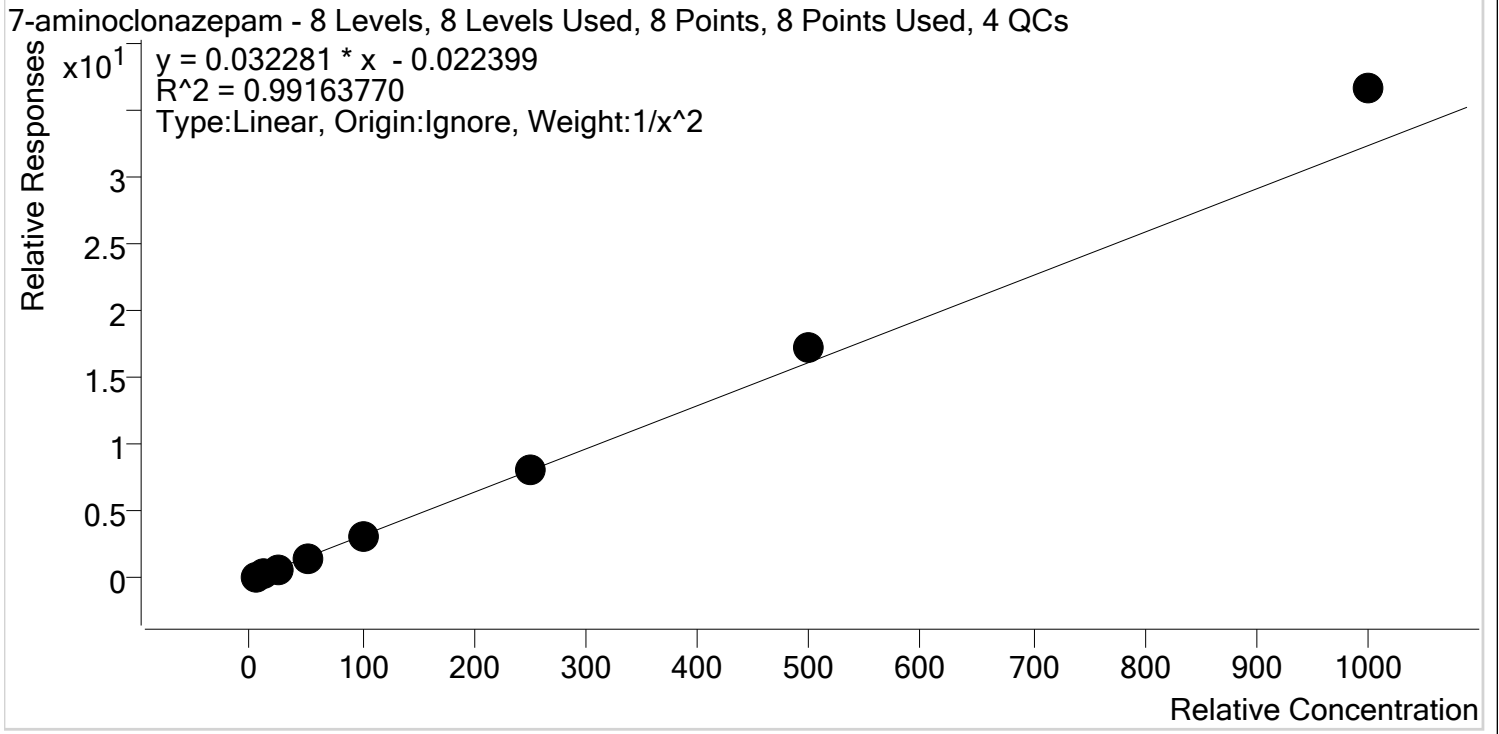
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.2
p1 Cal 2- 10ng	2	✓	1.0	0.9	89.1
p1 Cal 3 -25ng	3	✓	2.5	2.6	103.0
p1 Cal 4-50ng	4	✓	5.0	5.3	106.8
p1 Cal 5-100ng	5	✓	10.0	9.9	99.4
p1 Cal 6-250ng	6	✓	25.0	24.9	99.7
p1 Cal 7-500ng	7	✓	50.0	49.6	99.2
p1 Cal 8-1000ng	8	✓	100.0	98.5	98.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



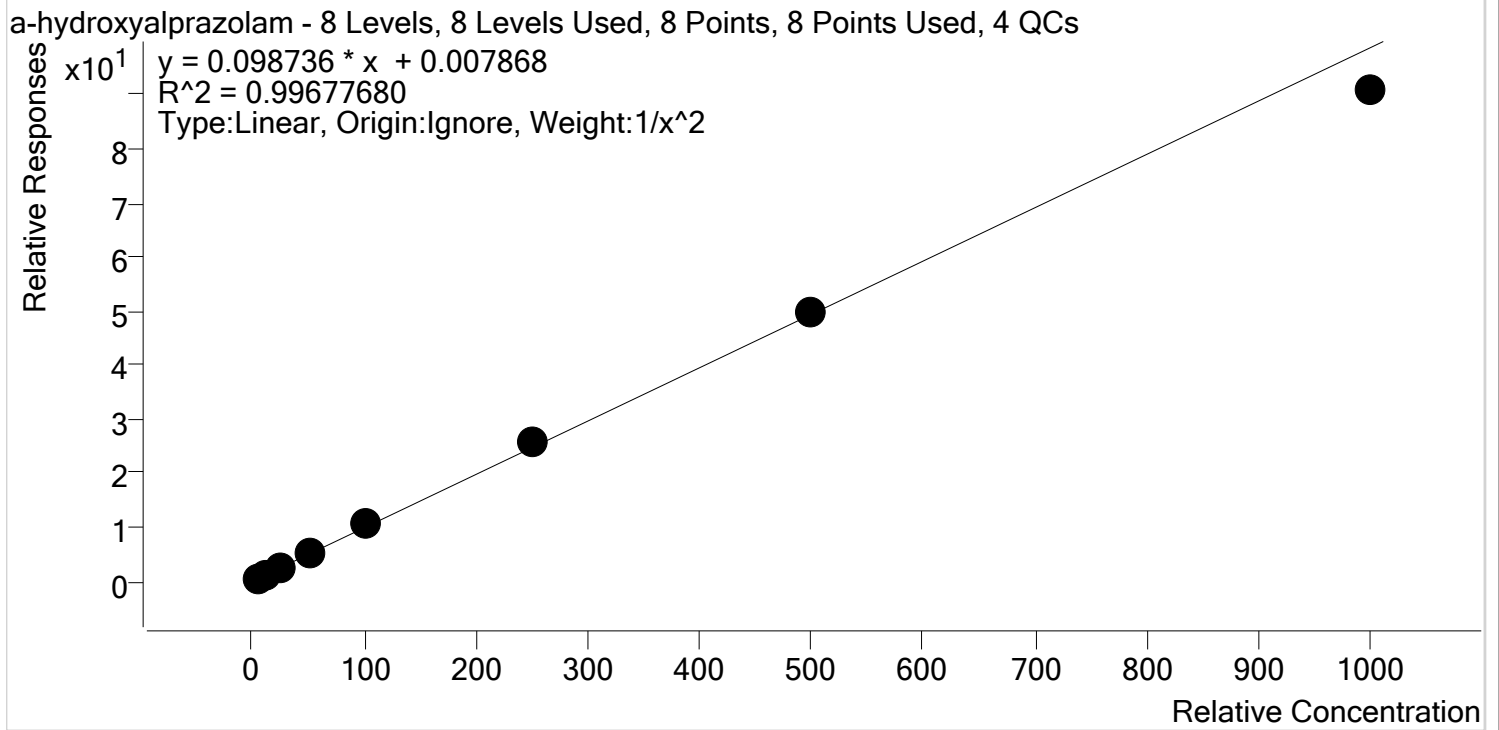
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.1
p1 Cal 2- 10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	22.2	88.9
p1 Cal 4-50ng	4	✓	50.0	47.0	94.1
p1 Cal 5-100ng	5	✓	100.0	95.6	95.6
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	534.8	107.0
p1 Cal 8-1000ng	8	✓	1000.0	1131.5	113.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2- 10ng	2	✓	10.0	9.6	95.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	262.0	104.8
p1 Cal 7-500ng	7	✓	500.0	501.0	100.2
p1 Cal 8-1000ng	8	✓	1000.0	920.3	92.0

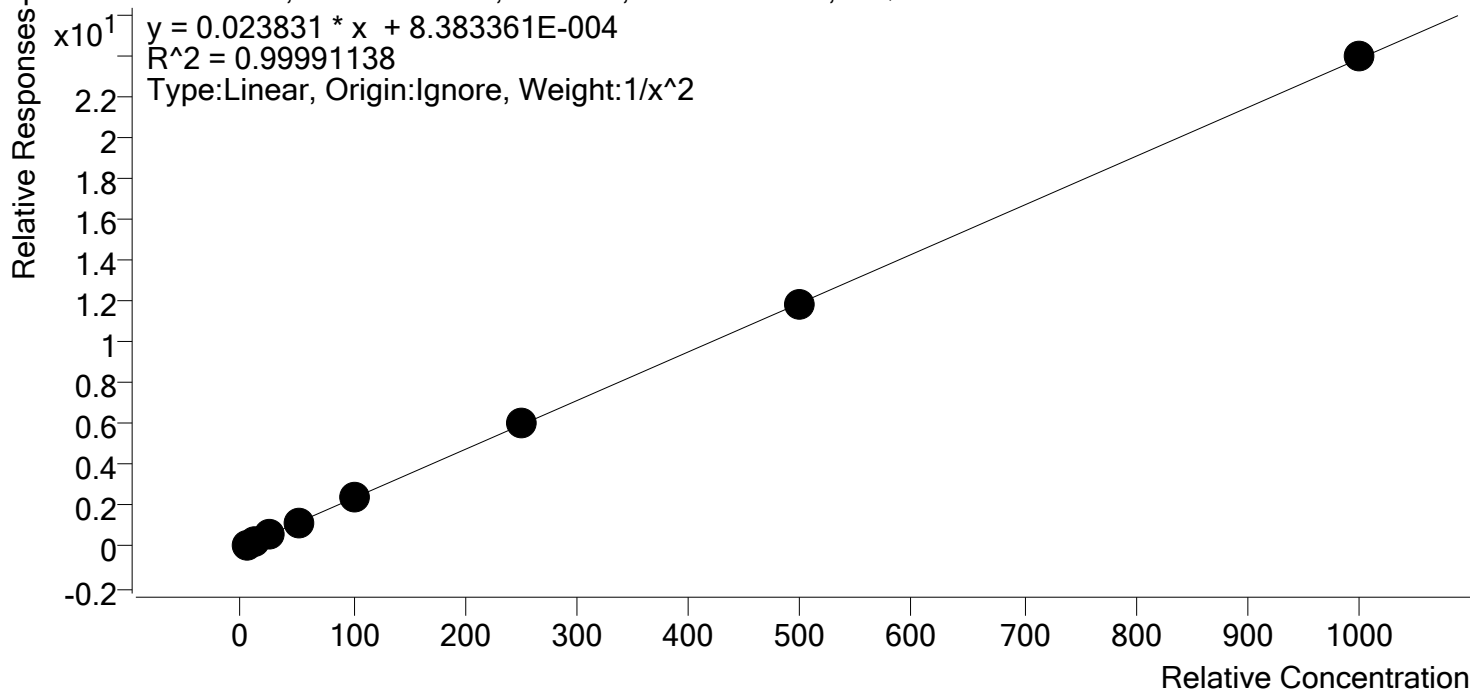
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	496.7	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1004.5	100.5

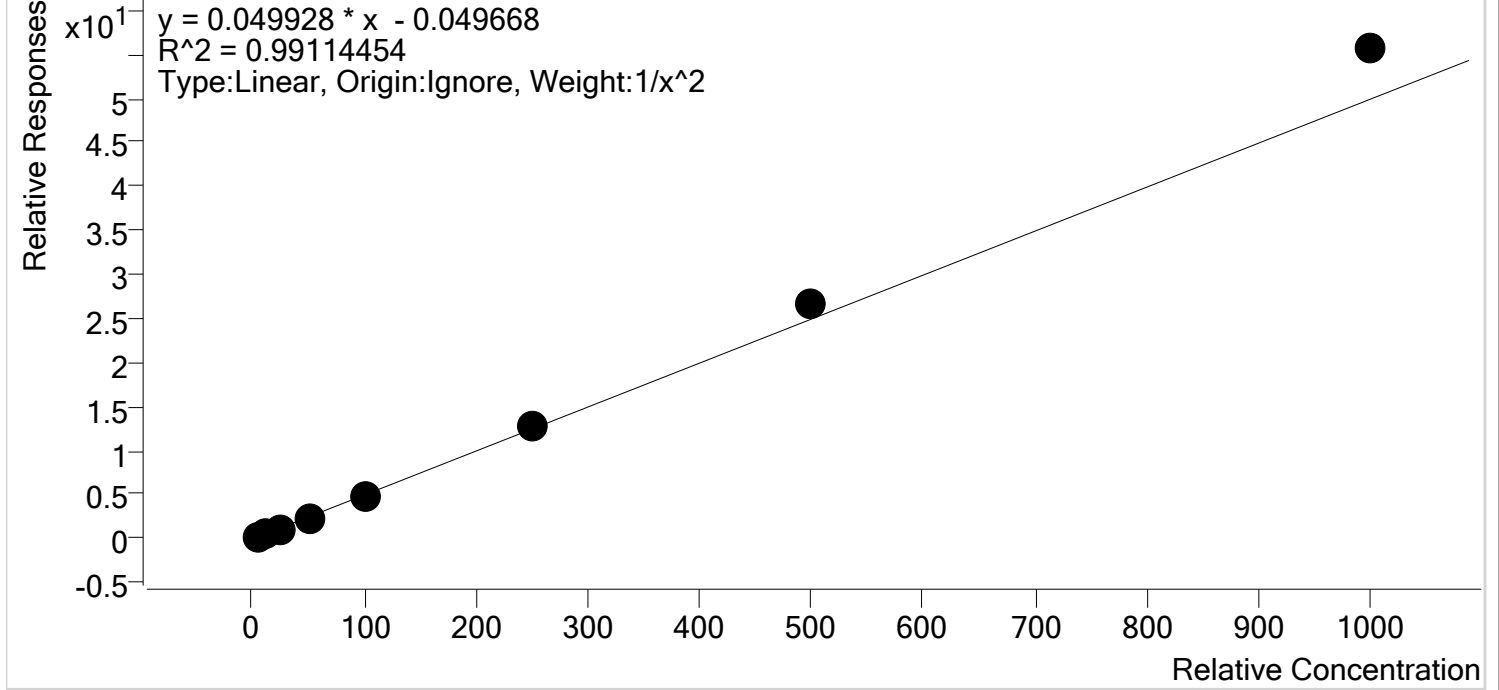


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.1
p1 Cal 2- 10ng	2	✓	10.0	9.3	93.5
p1 Cal 3 -25ng	3	✓	25.0	22.4	89.7
p1 Cal 4-50ng	4	✓	50.0	46.6	93.3
p1 Cal 5-100ng	5	✓	100.0	94.3	94.3
p1 Cal 6-250ng	6	✓	250.0	259.8	103.9
p1 Cal 7-500ng	7	✓	500.0	538.7	107.7
p1 Cal 8-1000ng	8	✓	1000.0	1115.2	111.5

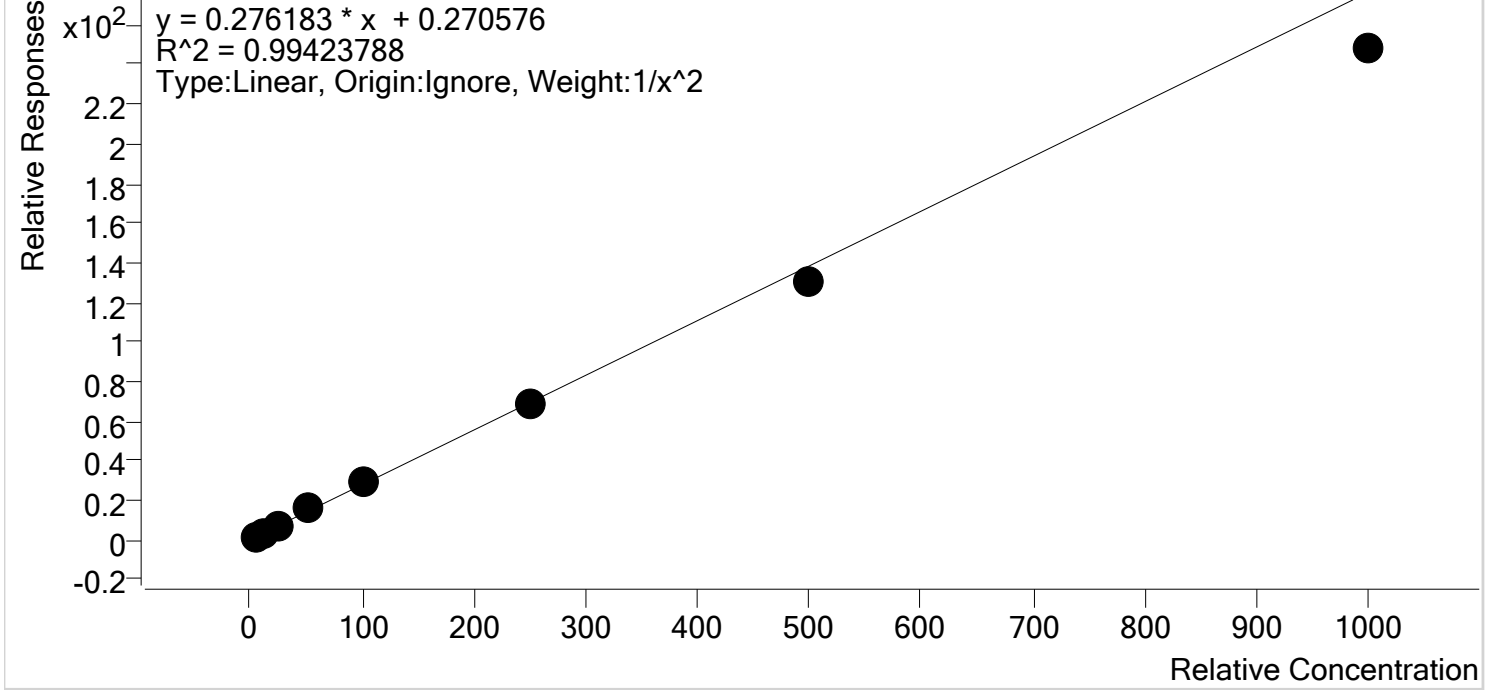


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

Amphetamine - 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	97.8
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	55.1	110.2
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	246.0	98.4
p1 Cal 7-500ng	7	✓	500.0	468.5	93.7
p1 Cal 8-1000ng	8	✓	1000.0	897.3	89.7

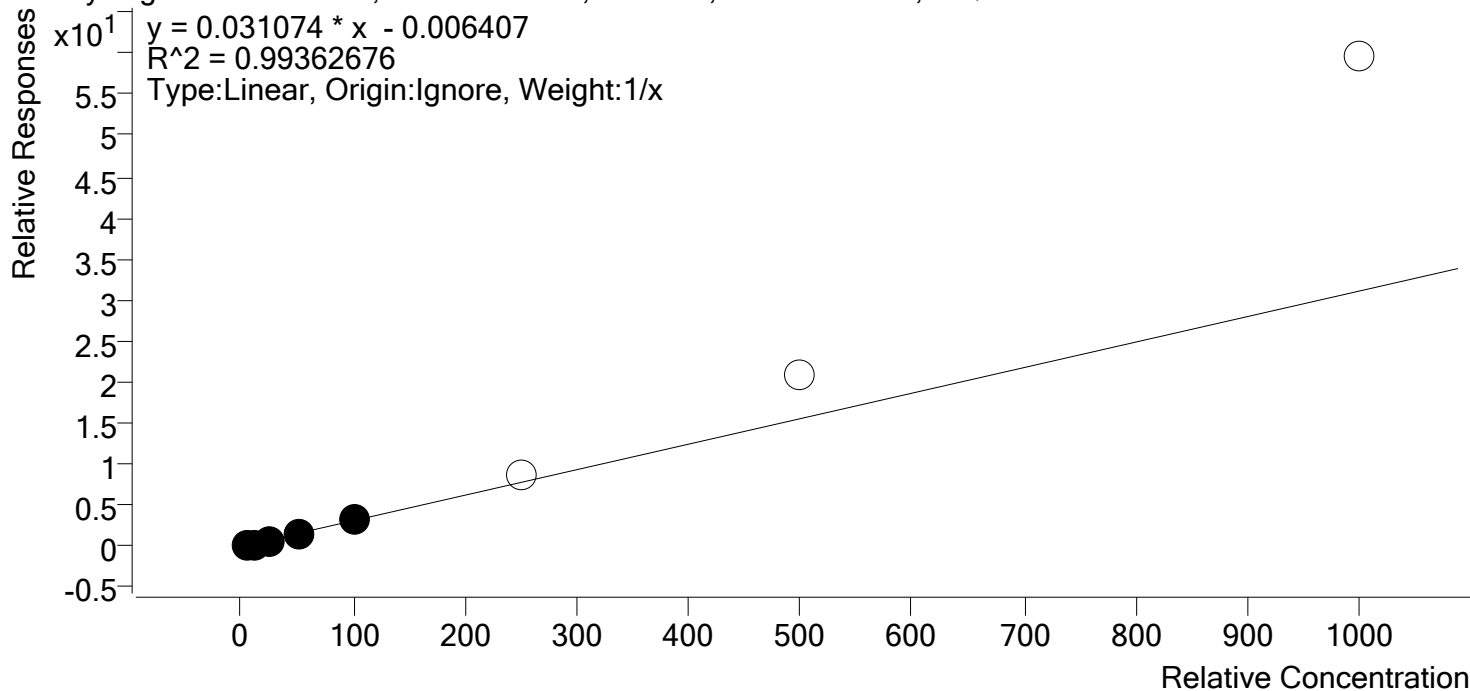
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.0	120.4
p1 Cal 2- 10ng	2	✓	10.0	8.8	88.0
p1 Cal 3 -25ng	3	✓	25.0	22.6	90.4
p1 Cal 4-50ng	4	✓	50.0	48.5	97.1
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	x	250.0	284.0	113.6
p1 Cal 7-500ng	7	x	500.0	674.1	134.8
p1 Cal 8-1000ng	8	x	1000.0	1919.0	191.9

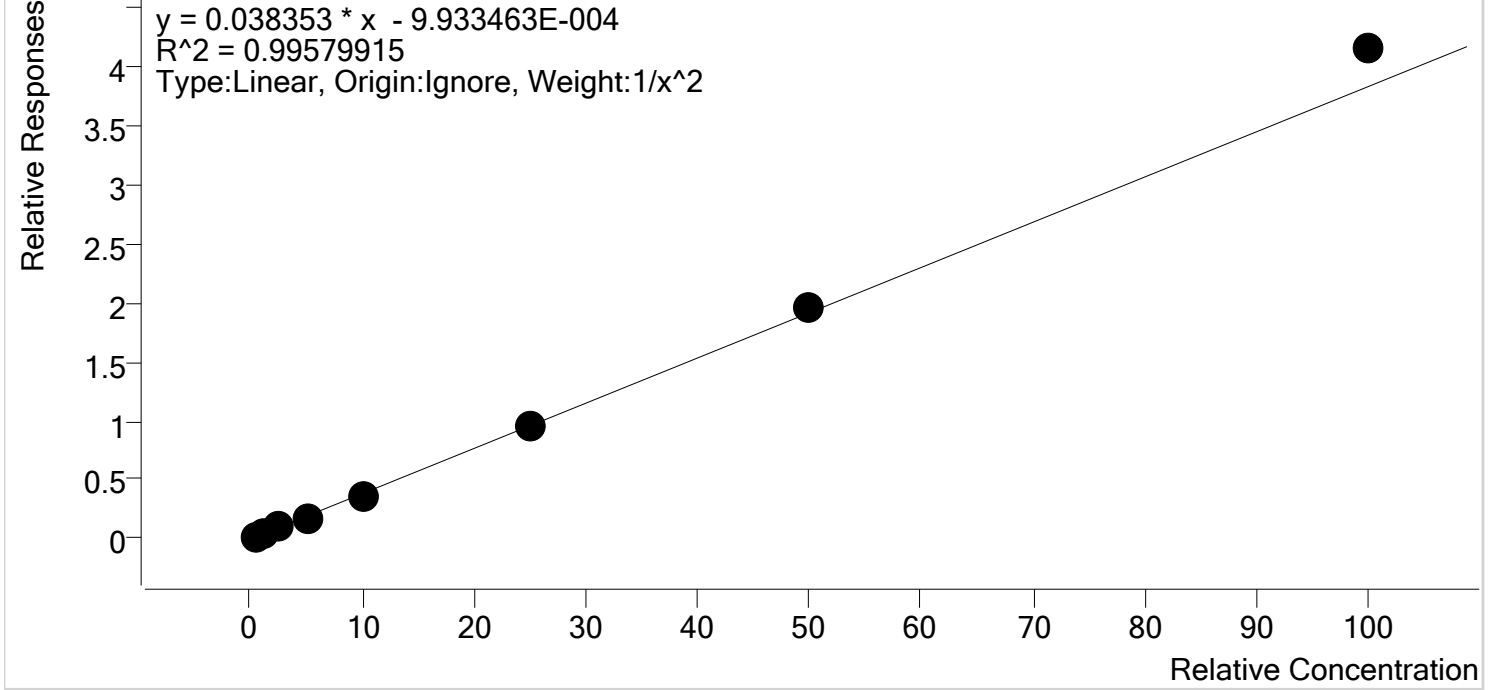


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
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	98.0
p1 Cal 2- 10ng	2	✓	1.0	1.1	107.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.4
p1 Cal 4-50ng	4	✓	5.0	4.8	95.5
p1 Cal 5-100ng	5	✓	10.0	9.3	92.6
p1 Cal 6-250ng	6	✓	25.0	24.8	99.2
p1 Cal 7-500ng	7	✓	50.0	51.5	103.0
p1 Cal 8-1000ng	8	✓	100.0	108.4	108.4

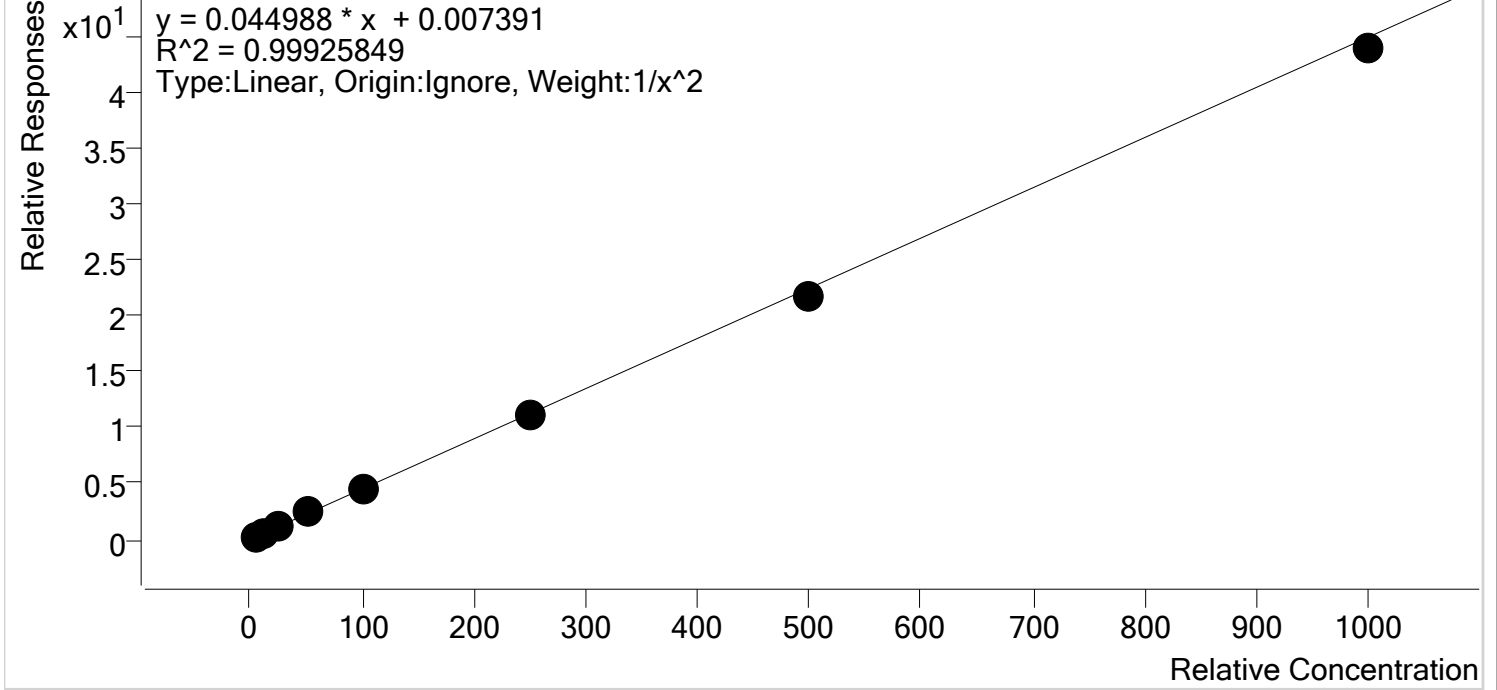


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



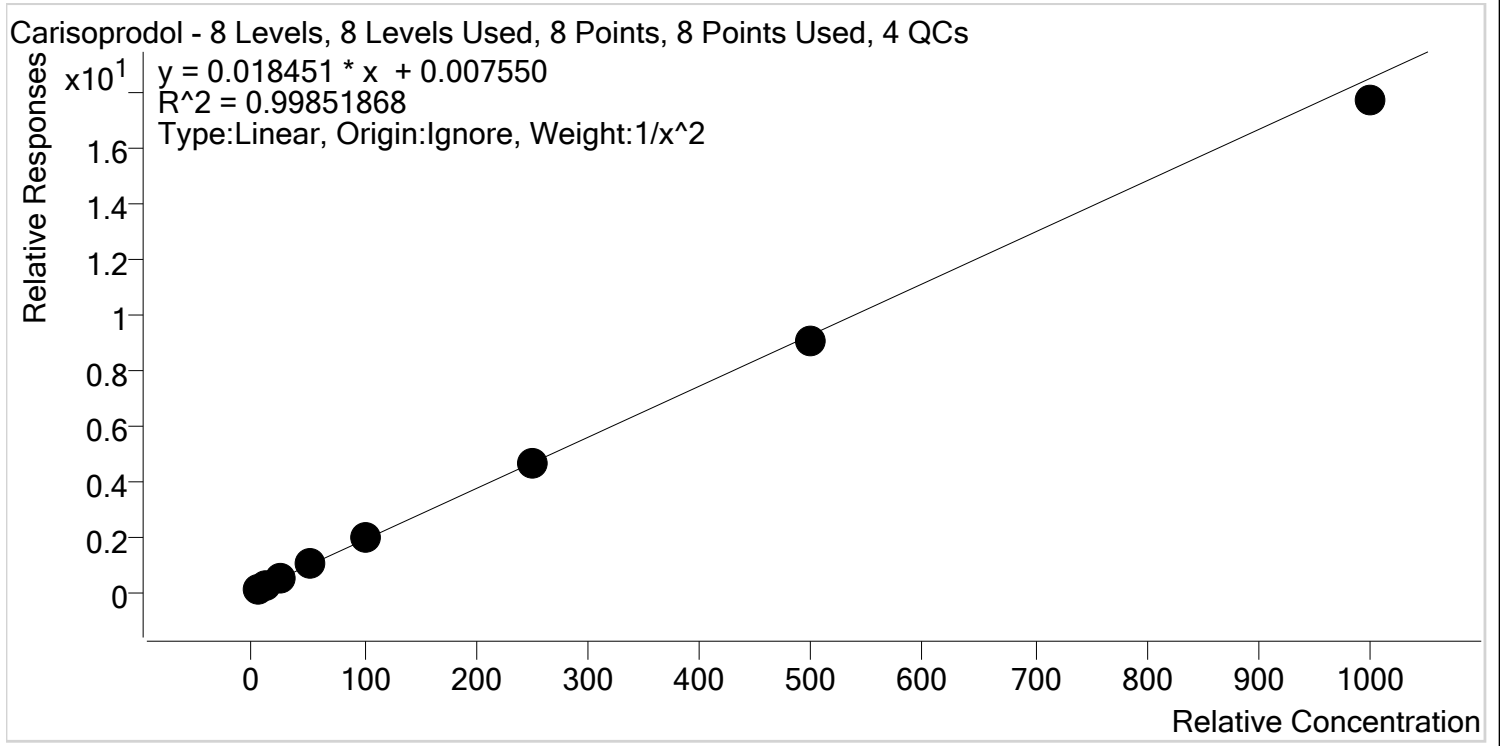
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	485.3	97.1
p1 Cal 8-1000ng	8	✓	1000.0	977.3	97.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



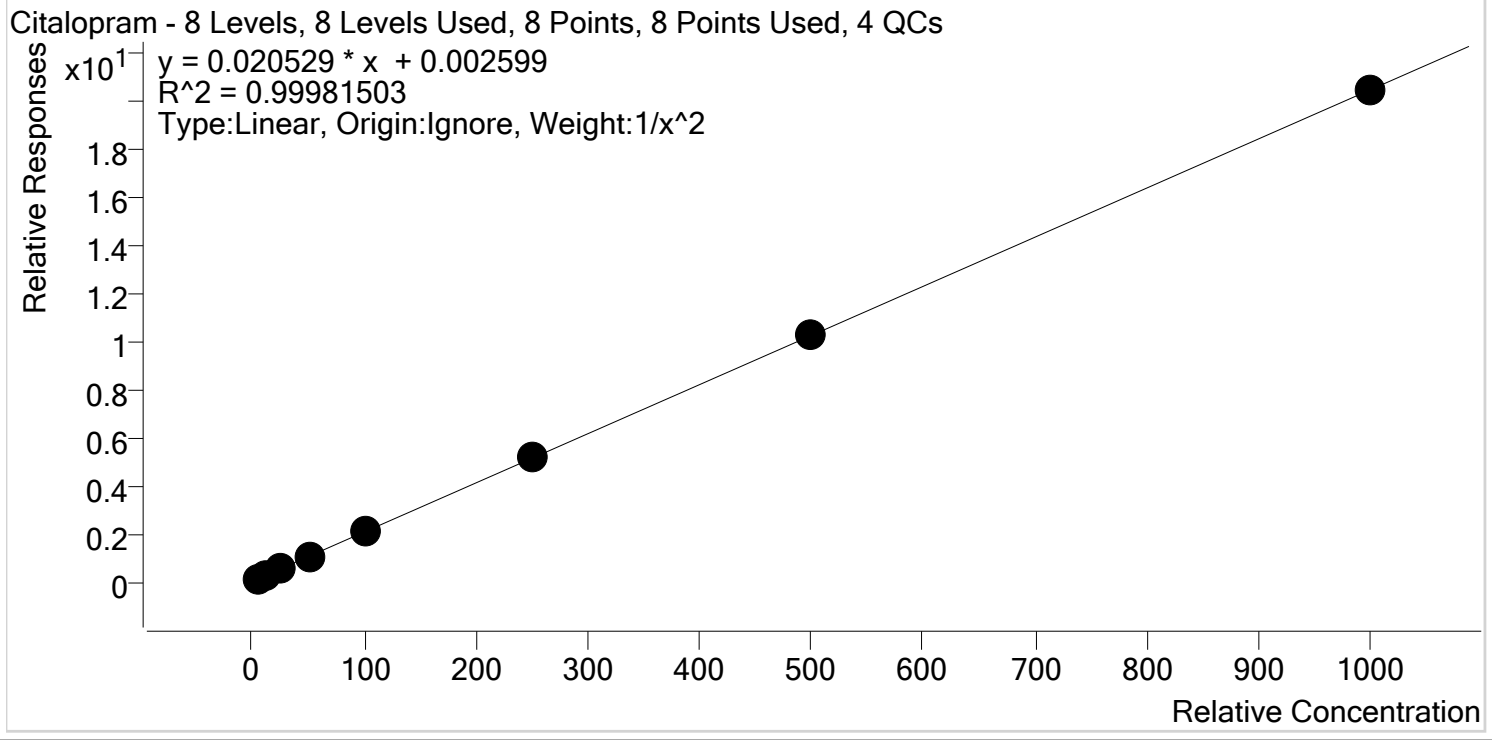
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	484.8	97.0
p1 Cal 8-1000ng	8	✓	1000.0	956.6	95.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



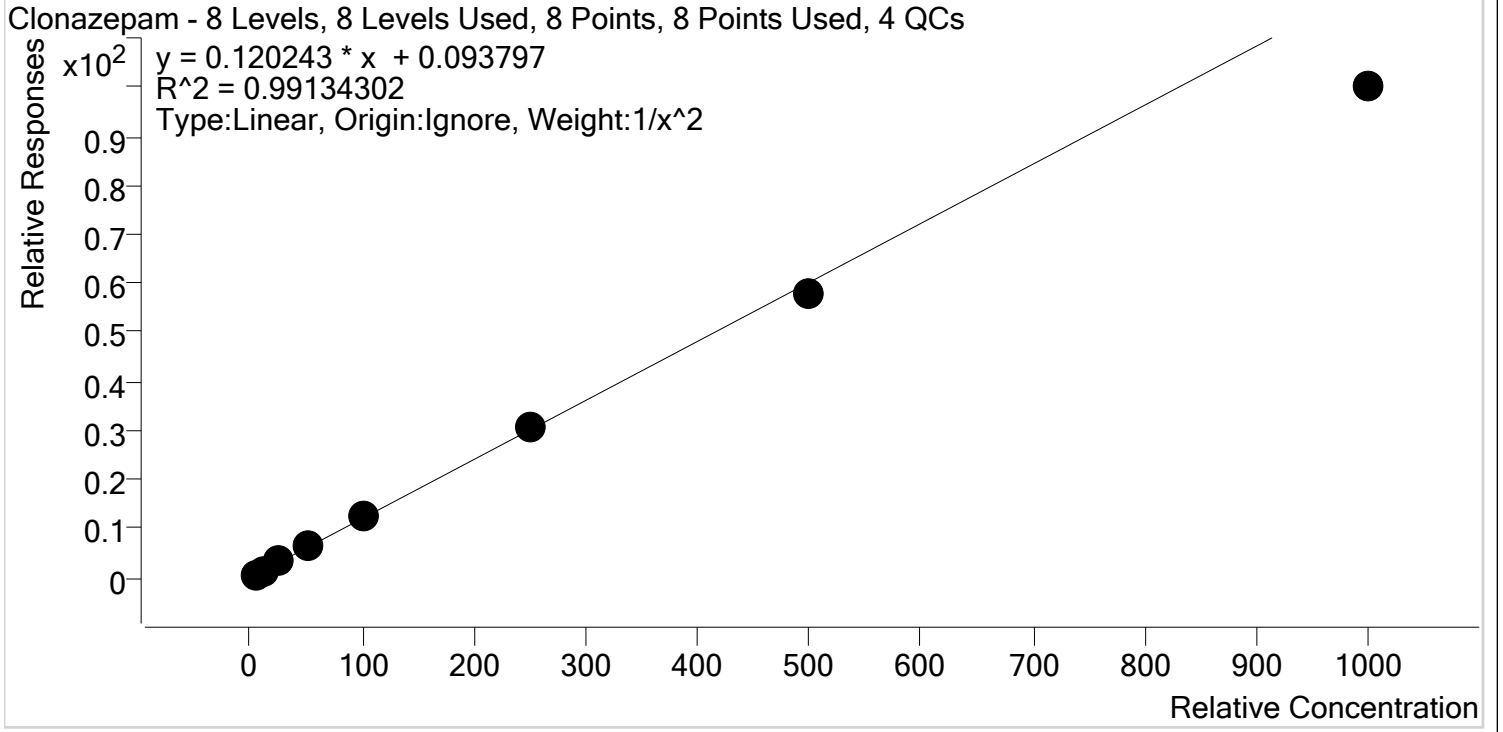
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	50.8	101.5
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	498.3	99.7
p1 Cal 8-1000ng	8	✓	1000.0	998.5	99.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.2
p1 Cal 4-50ng	4	✓	50.0	54.9	109.9
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
p1 Cal 7-500ng	7	✓	500.0	481.3	96.3
p1 Cal 8-1000ng	8	✓	1000.0	831.5	83.2

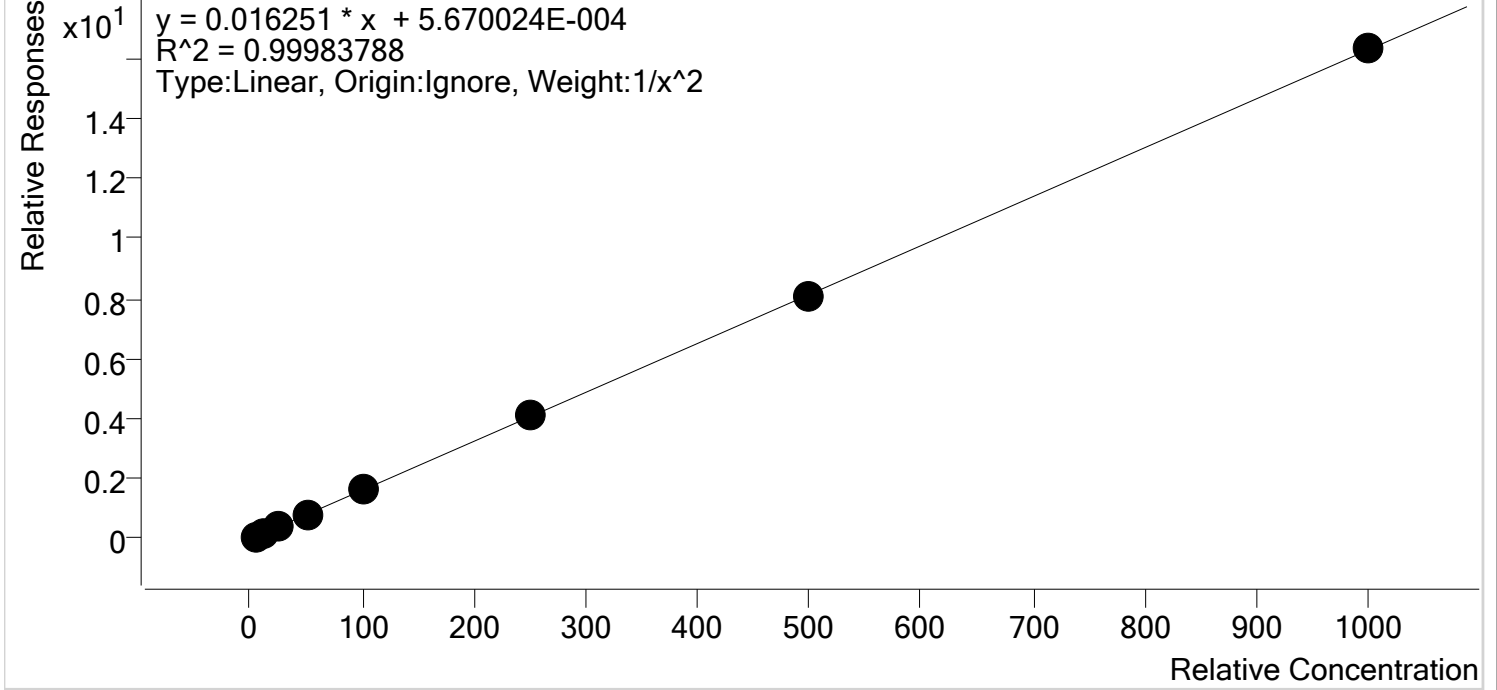


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



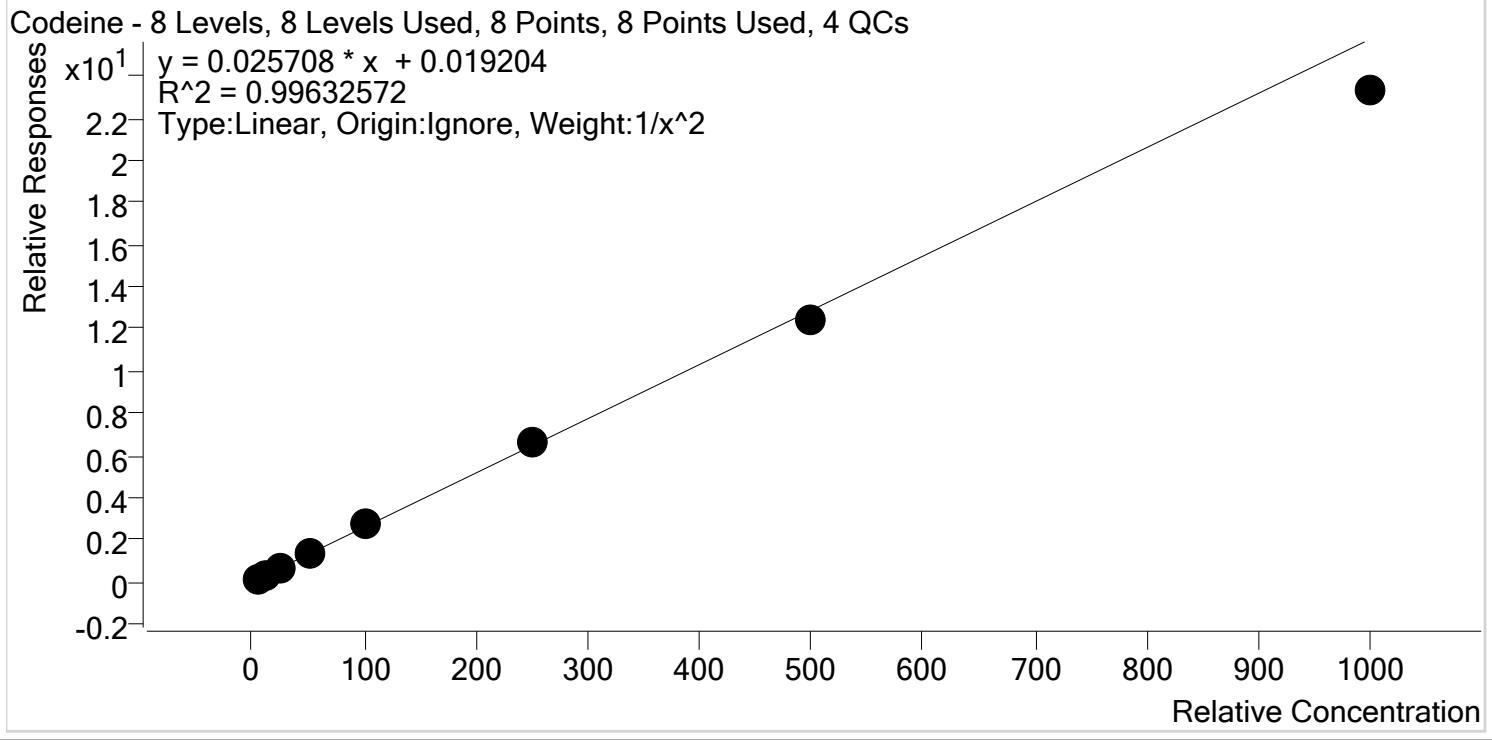
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	494.5	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1002.7	100.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	51.7	103.3
p1 Cal 5-100ng	5	✓	100.0	108.5	108.5
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	485.6	97.1
p1 Cal 8-1000ng	8	✓	1000.0	905.2	90.5

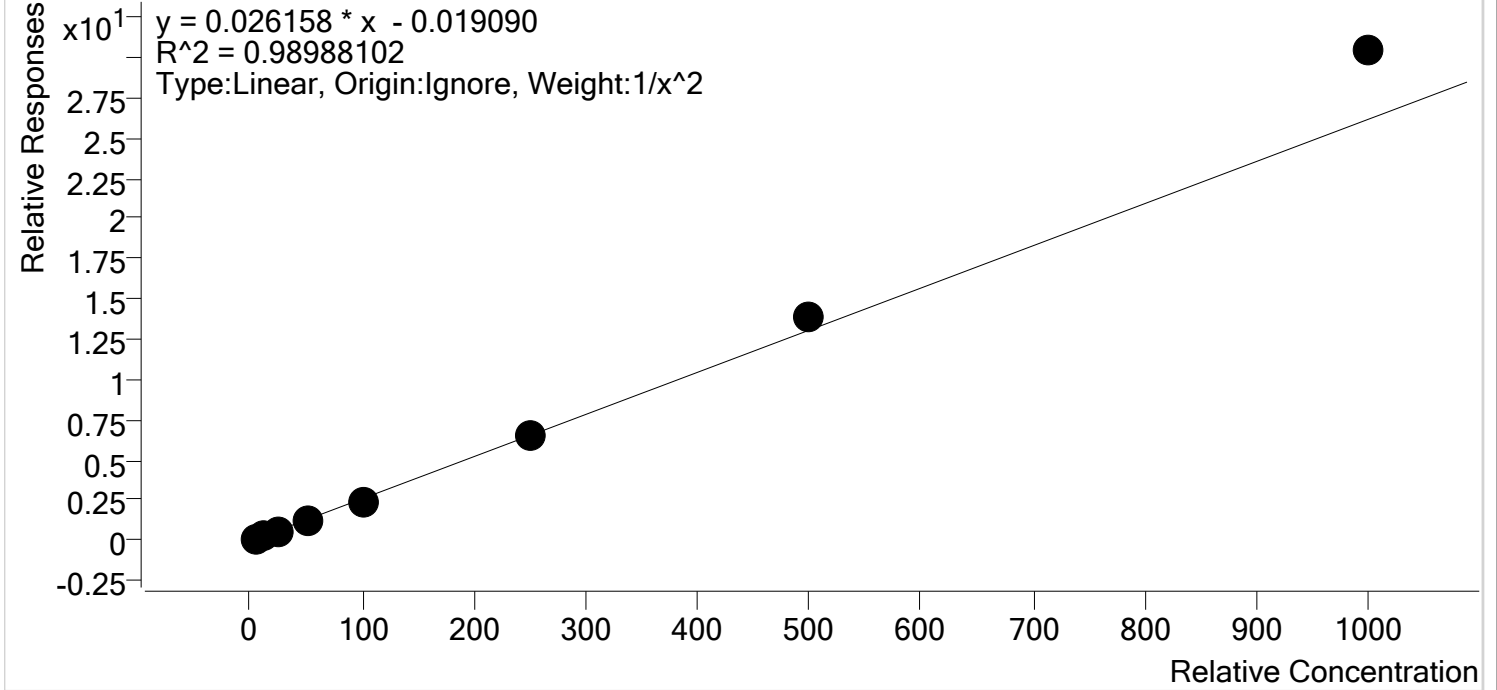


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.1
p1 Cal 2- 10ng	2	✓	10.0	9.5	95.4
p1 Cal 3 -25ng	3	✓	25.0	22.6	90.5
p1 Cal 4-50ng	4	✓	50.0	46.1	92.2
p1 Cal 5-100ng	5	✓	100.0	94.5	94.5
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	533.0	106.6
p1 Cal 8-1000ng	8	✓	1000.0	1163.1	116.3

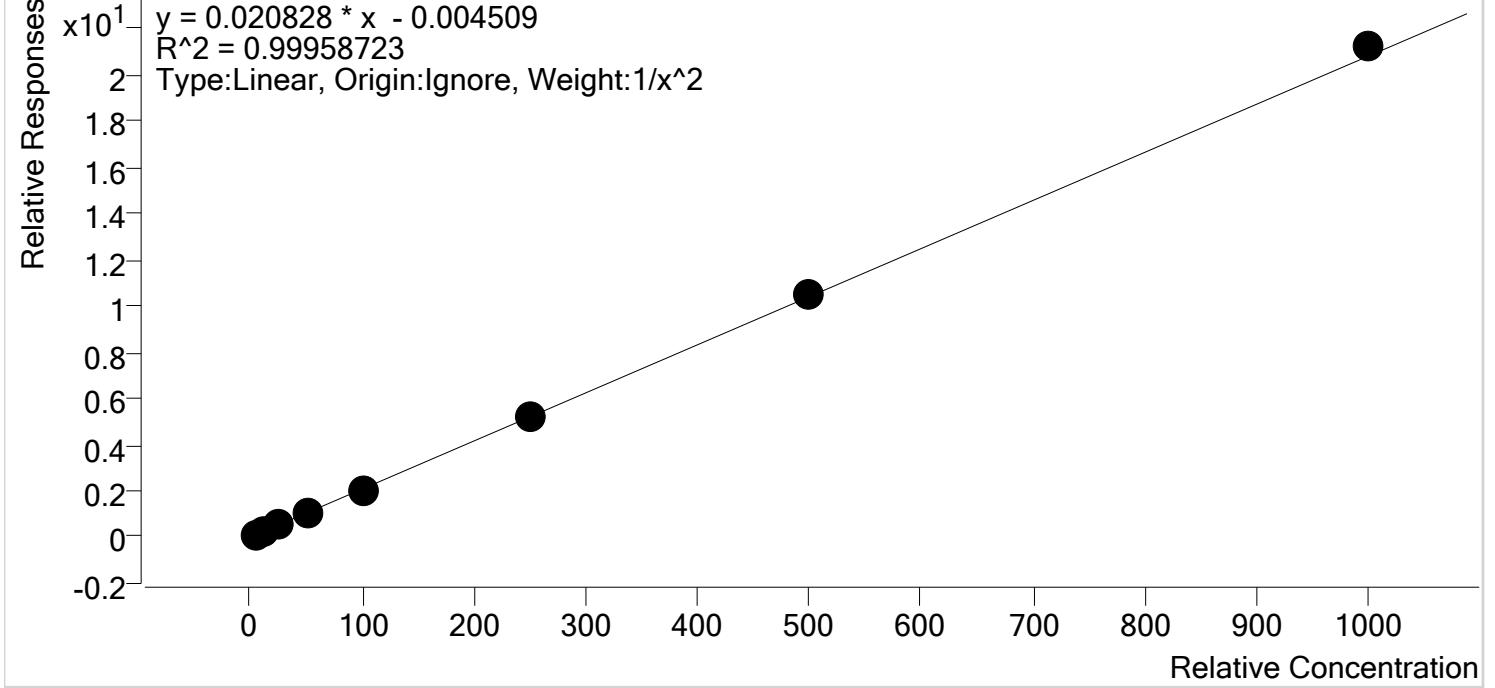


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
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	101.4
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	50.3	100.7
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	508.1	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1020.0	102.0

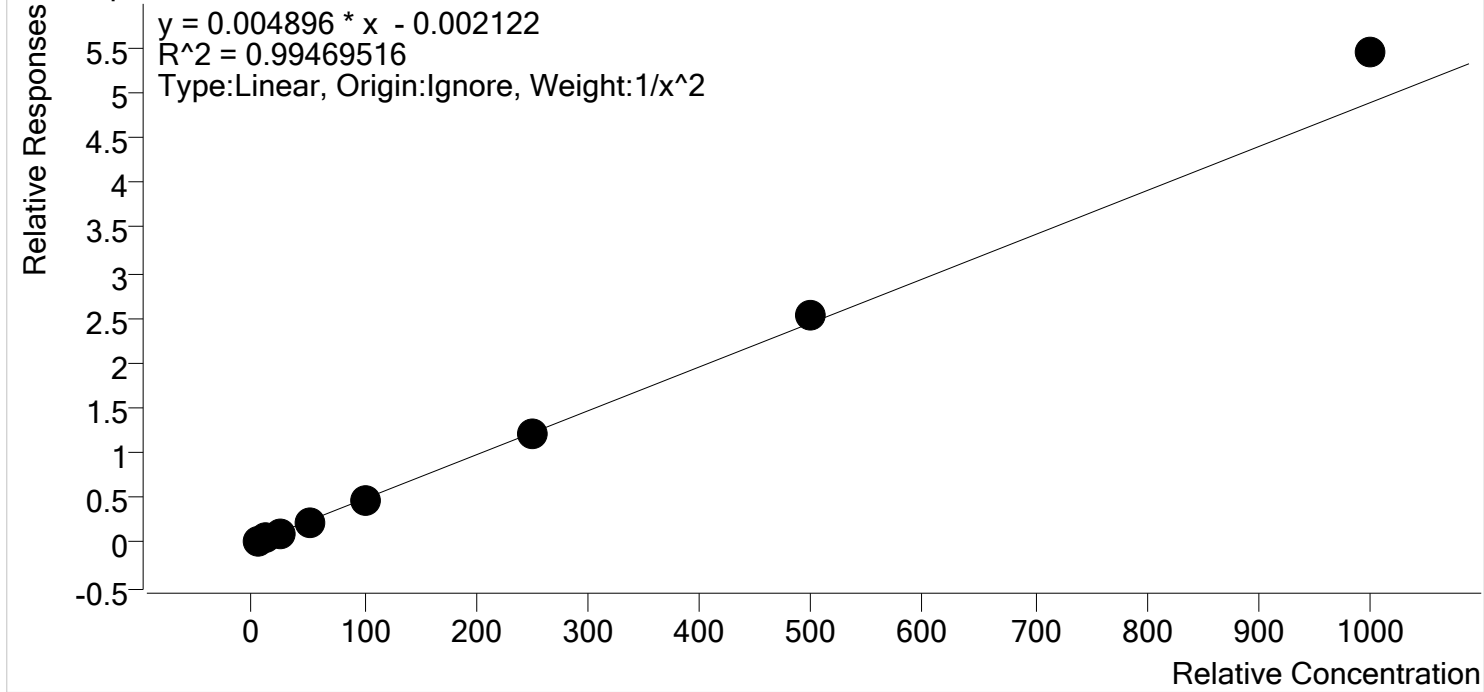


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Dextrophan Internal Standard Dextrophan-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2- 10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	22.7	90.9
p1 Cal 4-50ng	4	✓	50.0	48.4	96.7
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	520.8	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1113.7	111.4

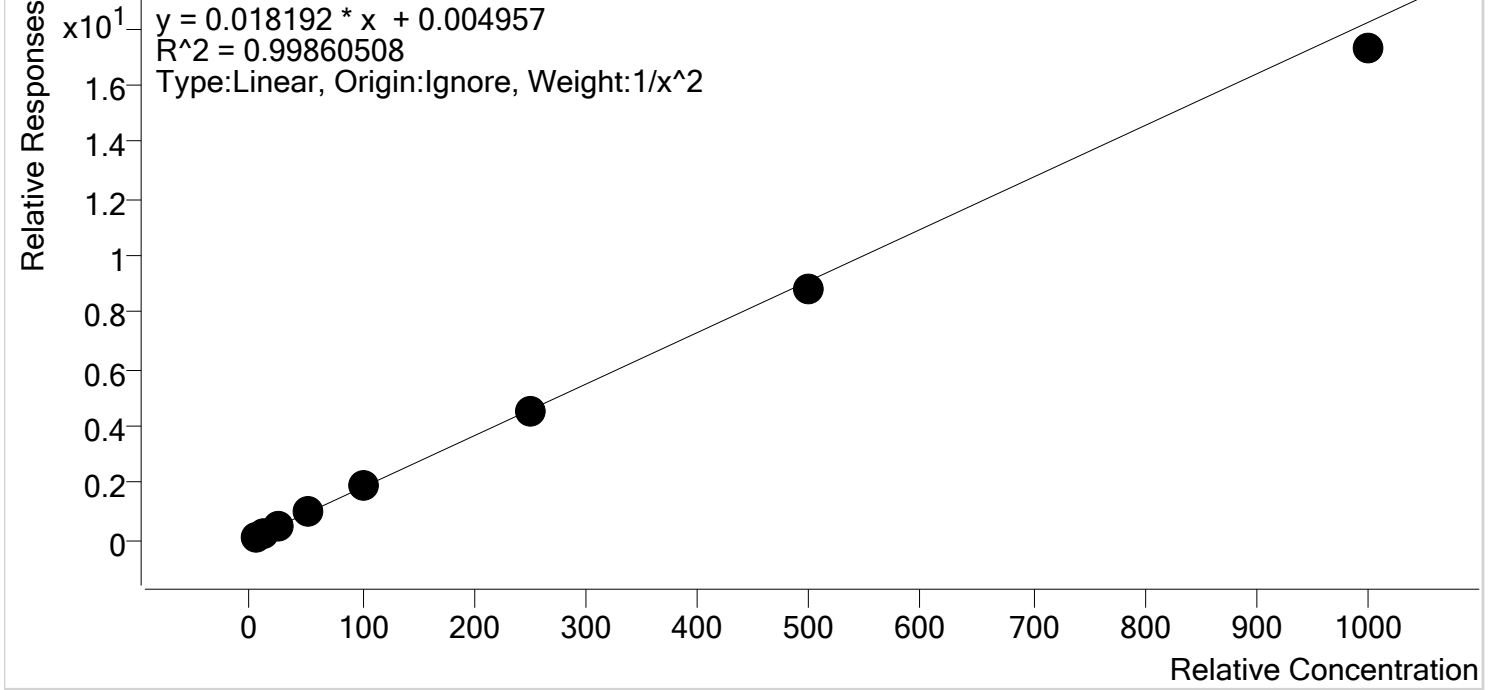


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
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	4.9	98.5
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	483.8	96.8
p1 Cal 8-1000ng	8	✓	1000.0	949.2	94.9

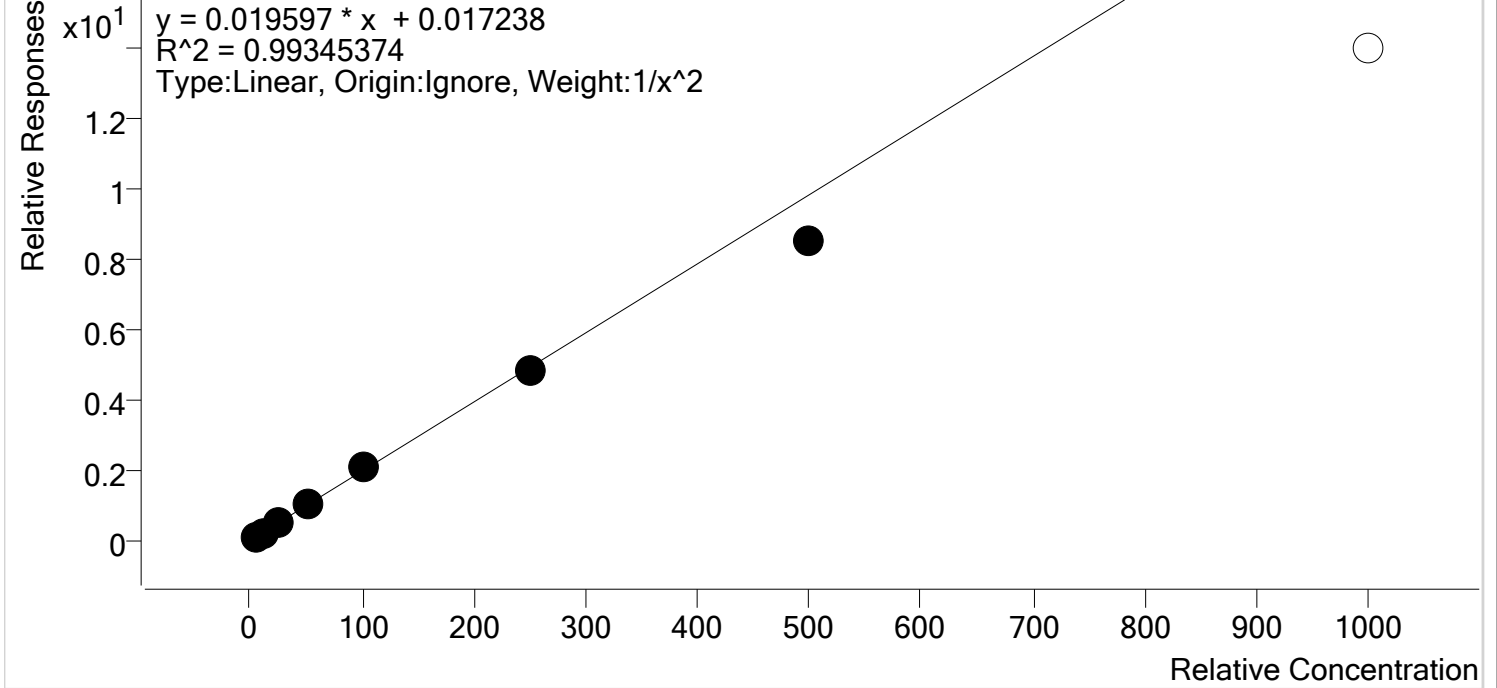


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	246.4	98.6
p1 Cal 7-500ng	7	✓	500.0	433.6	86.7
p1 Cal 8-1000ng	8	✗	1000.0	711.5	71.2

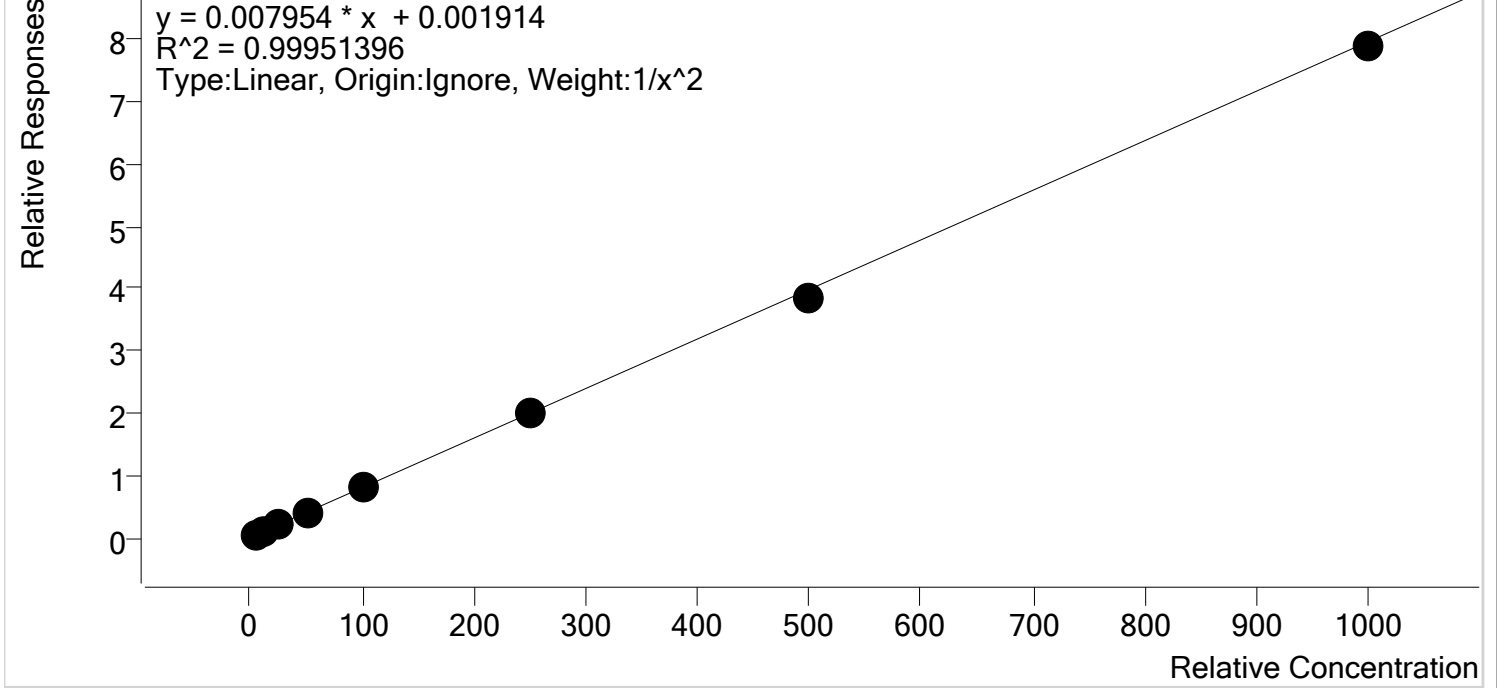


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



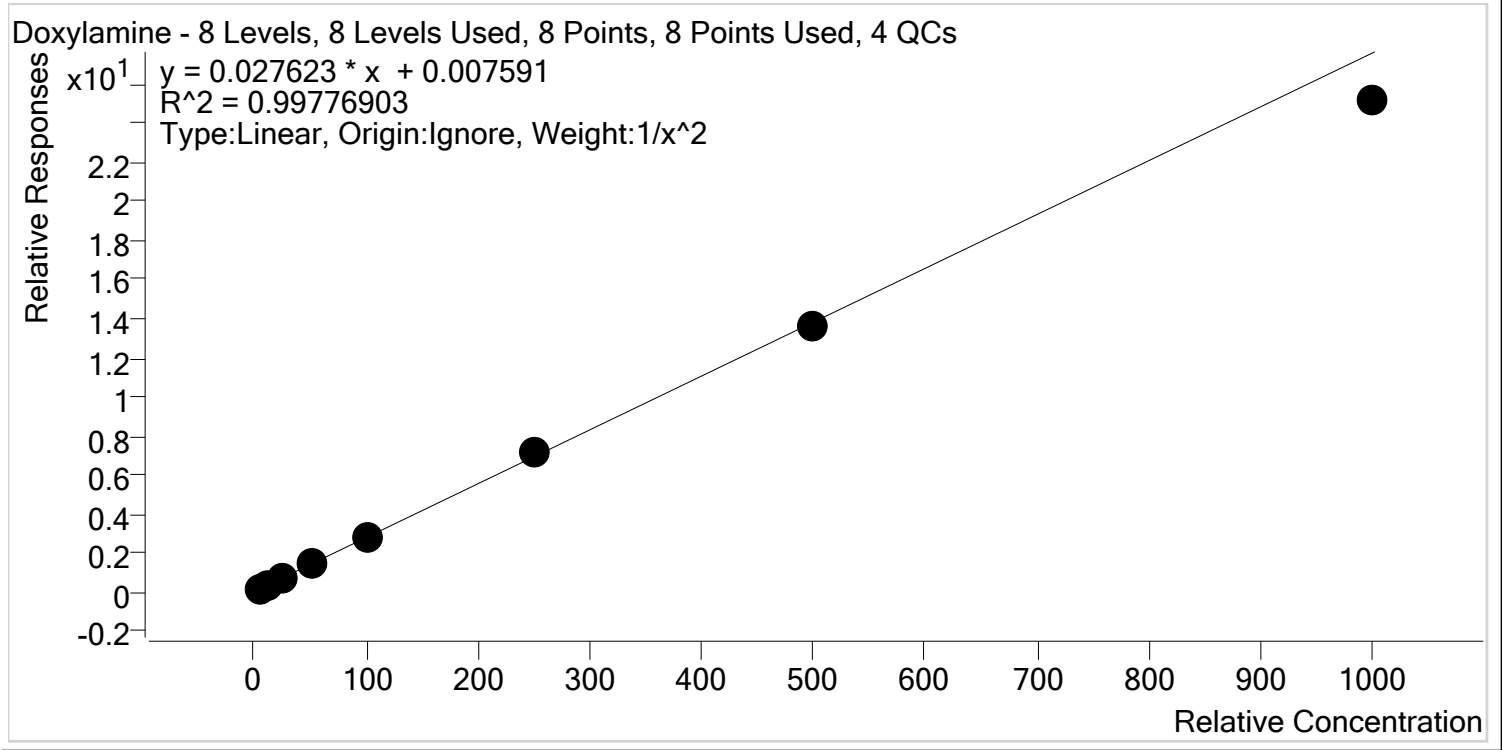
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	482.7	96.5
p1 Cal 8-1000ng	8	✓	1000.0	990.0	99.0



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	51.9	103.9
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	257.9	103.2
p1 Cal 7-500ng	7	✓	500.0	492.7	98.5
p1 Cal 8-1000ng	8	✓	1000.0	911.8	91.2

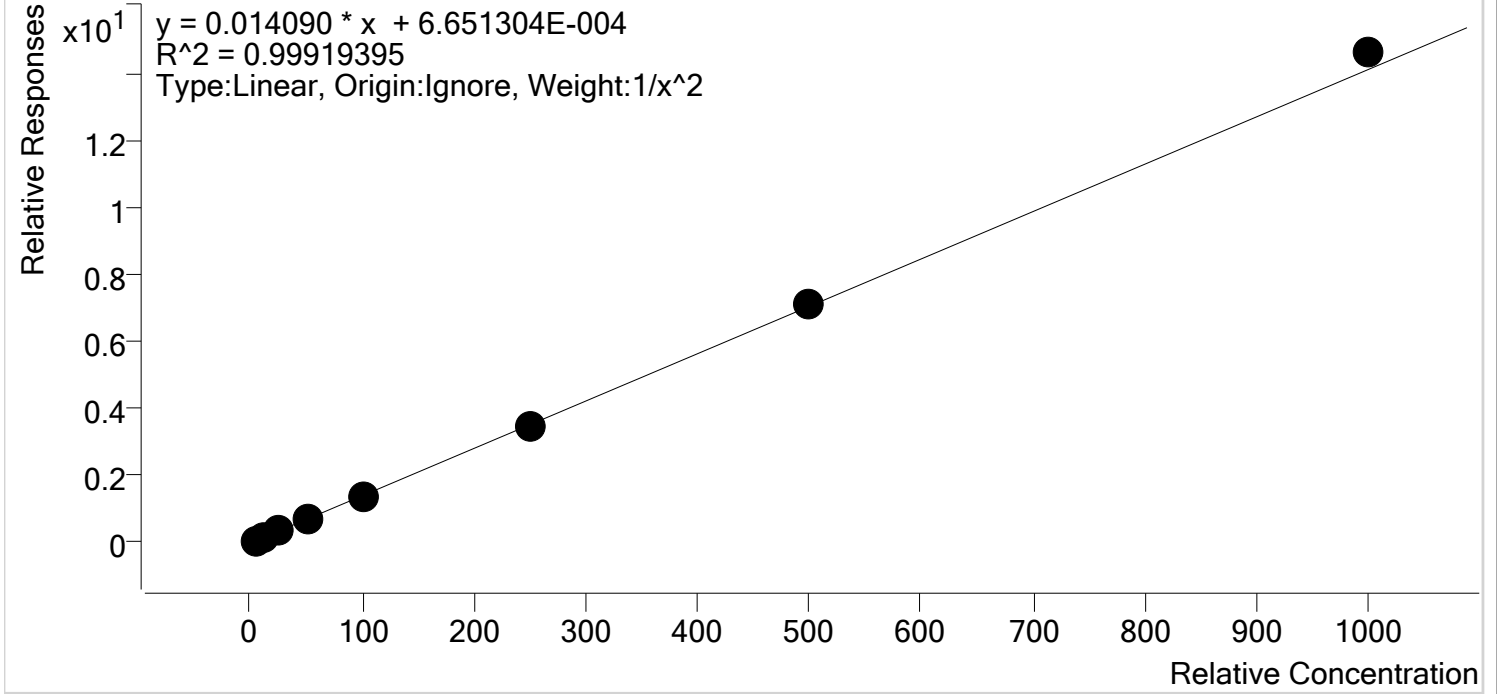


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



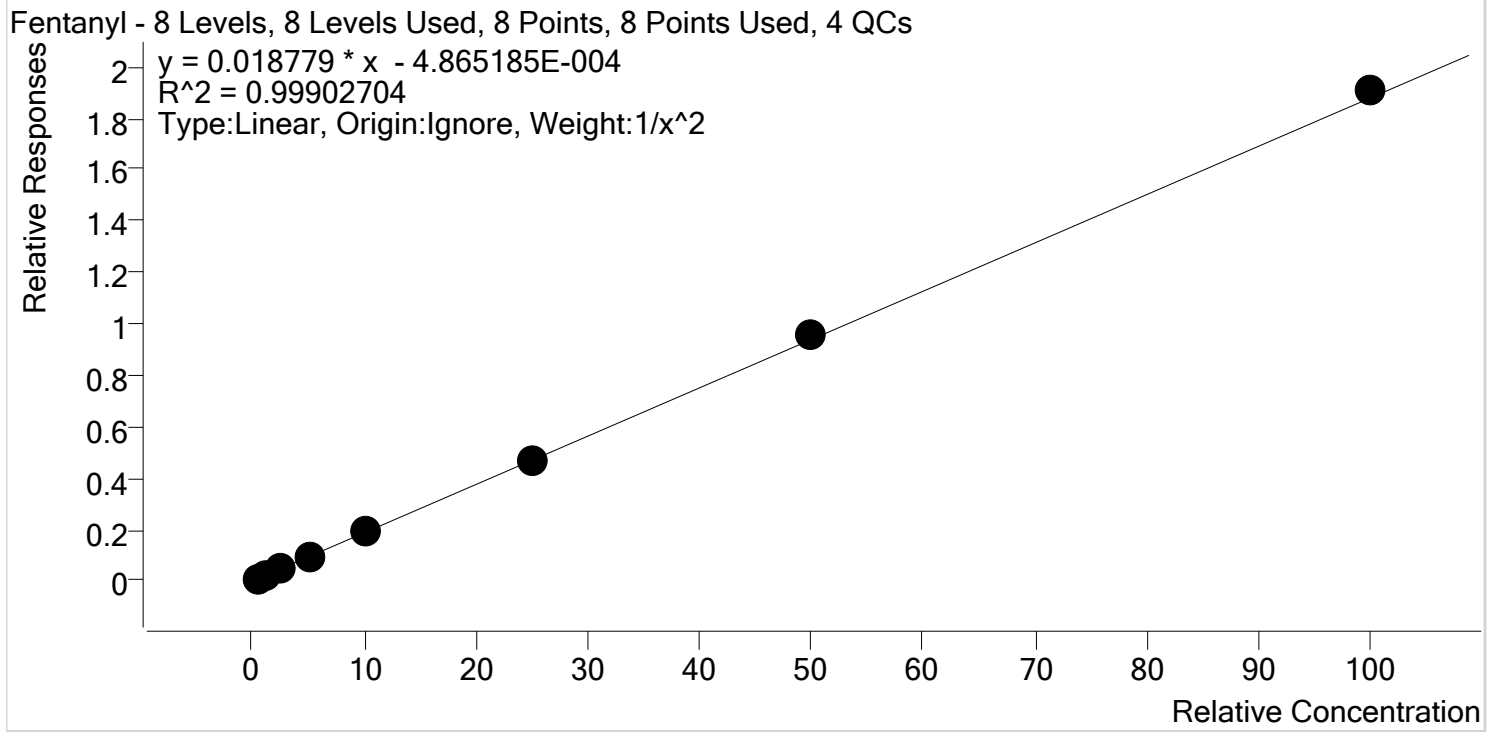
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2- 10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	507.0	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1035.8	103.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.8
p1 Cal 2- 10ng	2	✓	1.0	1.0	104.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.3
p1 Cal 4-50ng	4	✓	5.0	4.9	98.8
p1 Cal 5-100ng	5	✓	10.0	10.0	99.7
p1 Cal 6-250ng	6	✓	25.0	24.9	99.6
p1 Cal 7-500ng	7	✓	50.0	50.9	101.8
p1 Cal 8-1000ng	8	✓	100.0	101.5	101.5

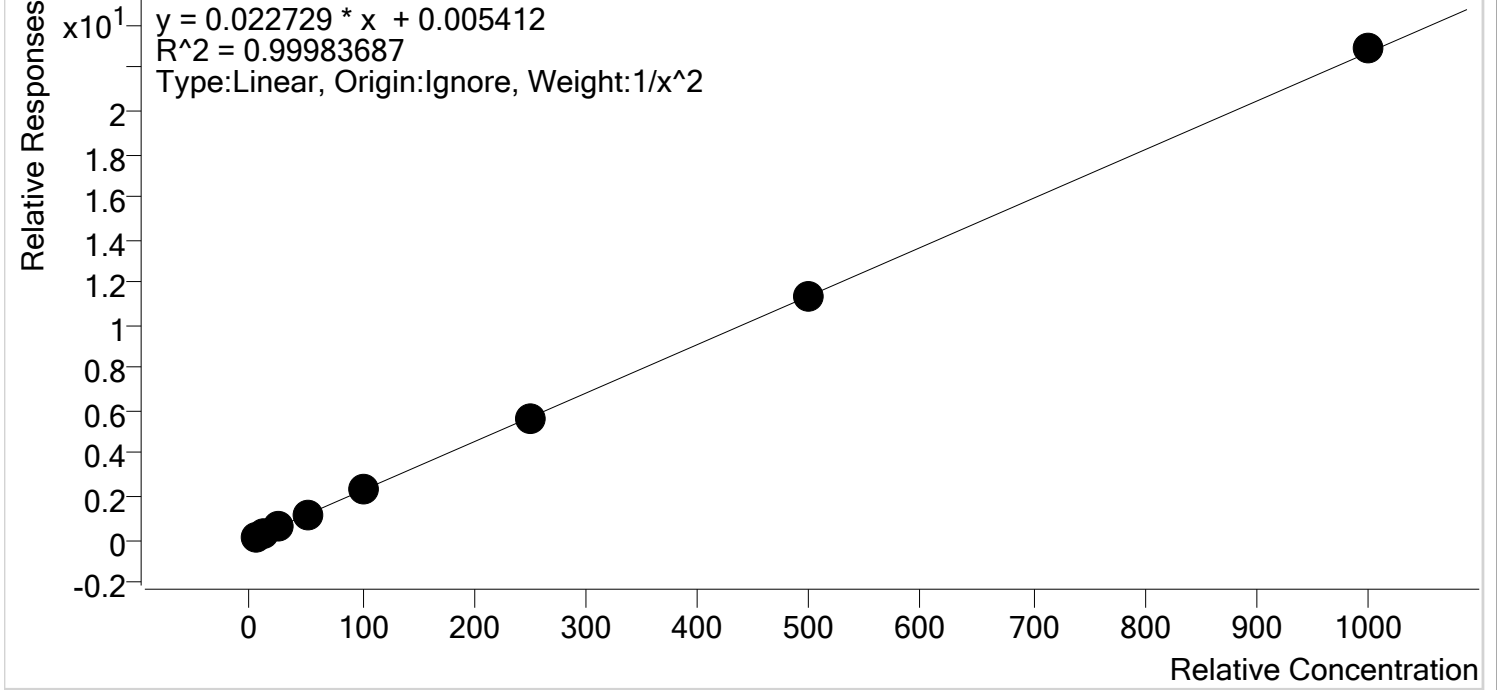


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



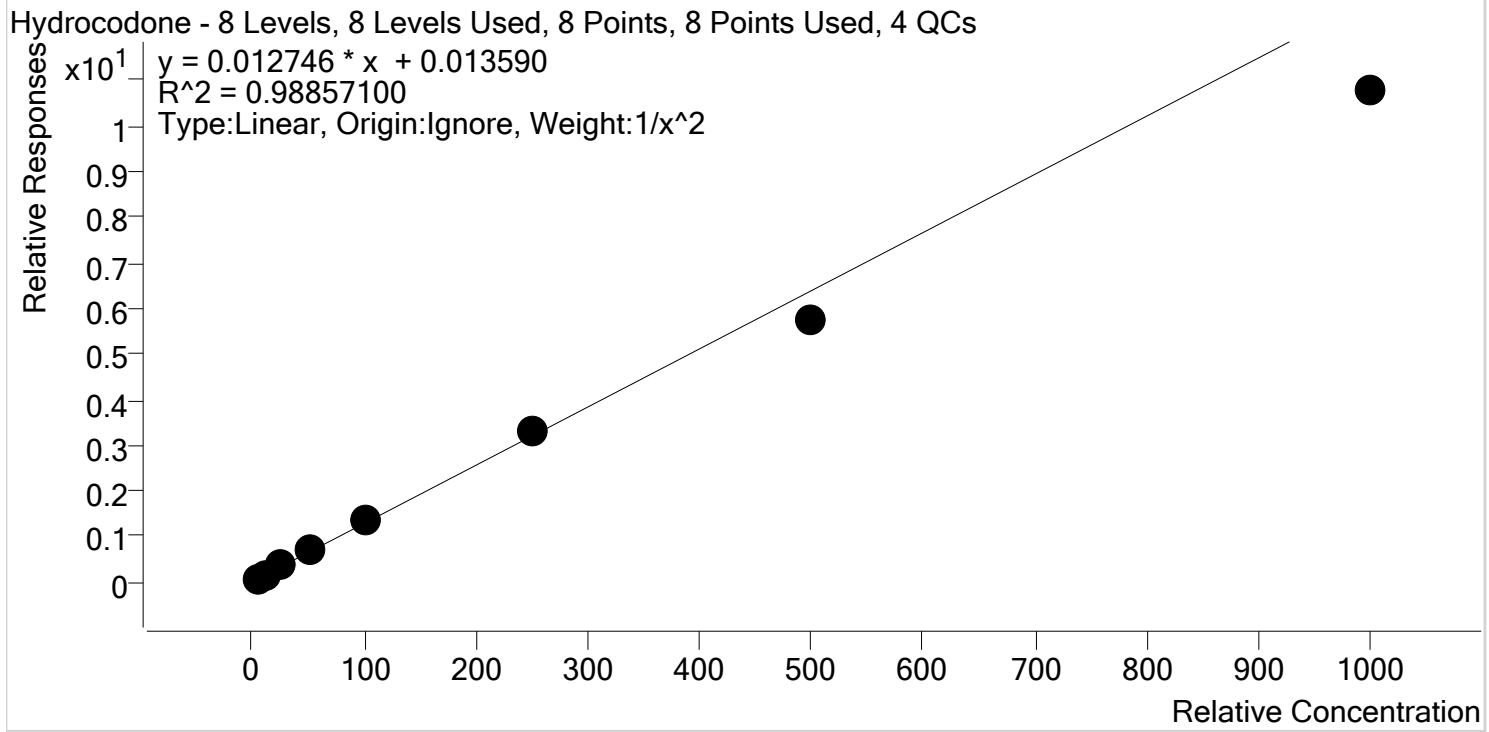
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	50.8	101.5
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	497.8	99.6
p1 Cal 8-1000ng	8	✓	1000.0	1008.2	100.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2- 10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.6
p1 Cal 4-50ng	4	✓	50.0	54.8	109.6
p1 Cal 5-100ng	5	✓	100.0	107.9	107.9
p1 Cal 6-250ng	6	✓	250.0	257.8	103.1
p1 Cal 7-500ng	7	✓	500.0	452.1	90.4
p1 Cal 8-1000ng	8	✓	1000.0	844.0	84.4

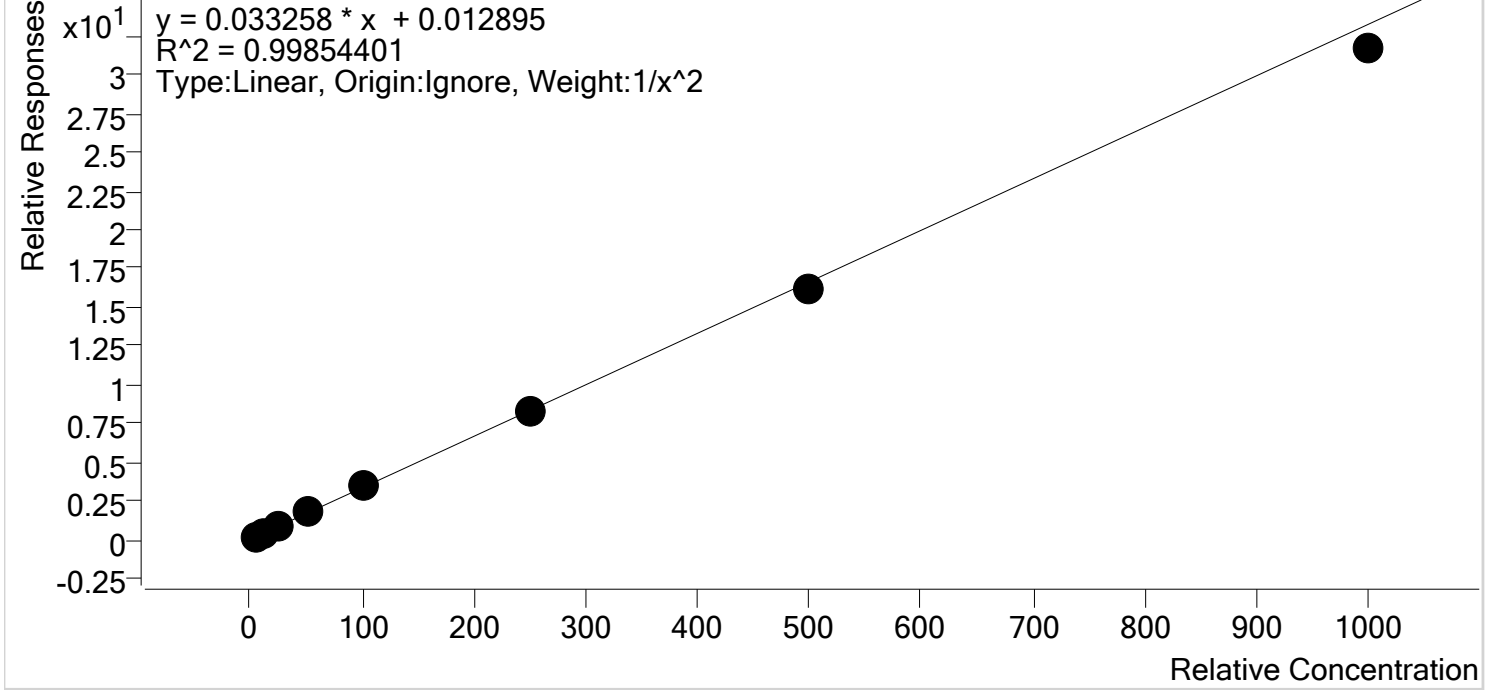


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



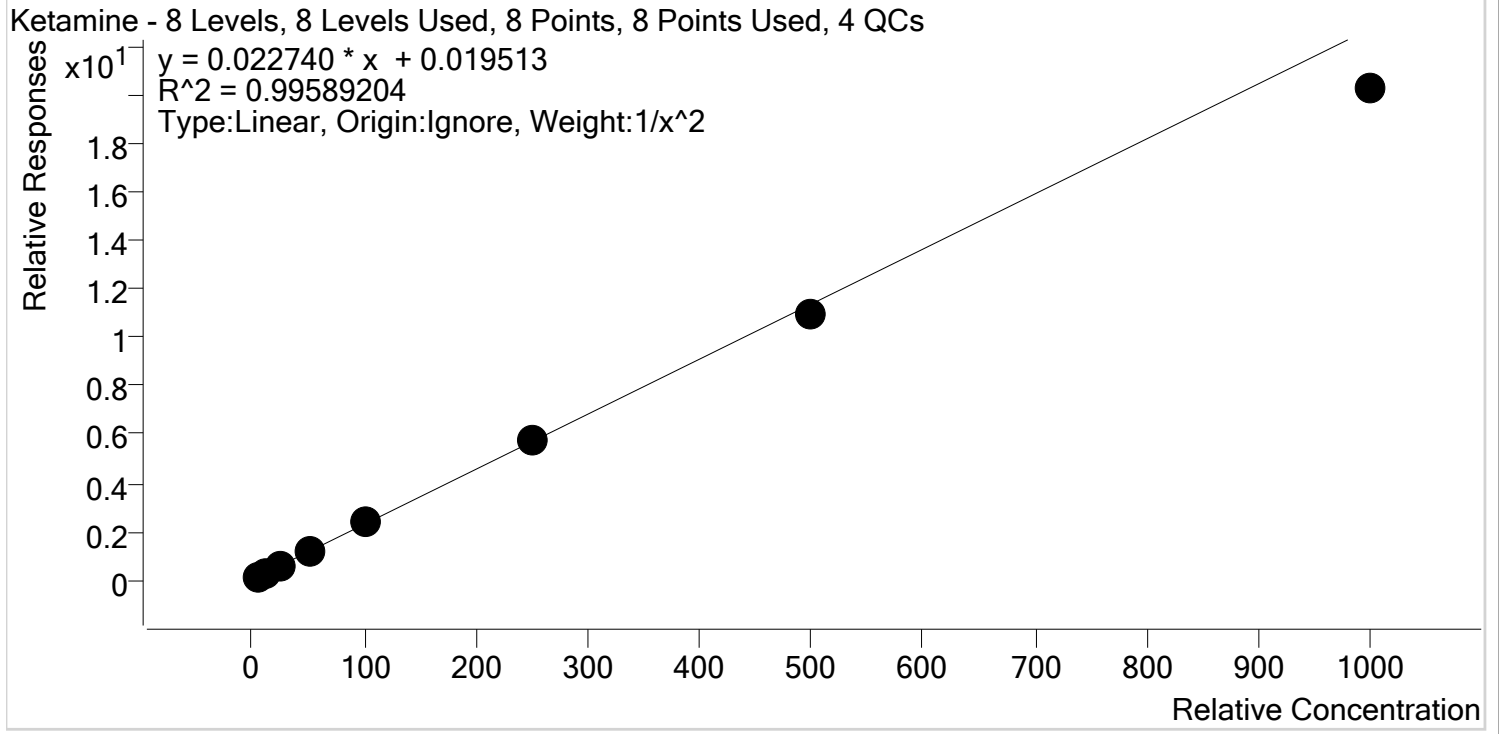
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	245.2	98.1
p1 Cal 7-500ng	7	✓	500.0	489.4	97.9
p1 Cal 8-1000ng	8	✓	1000.0	953.0	95.3



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



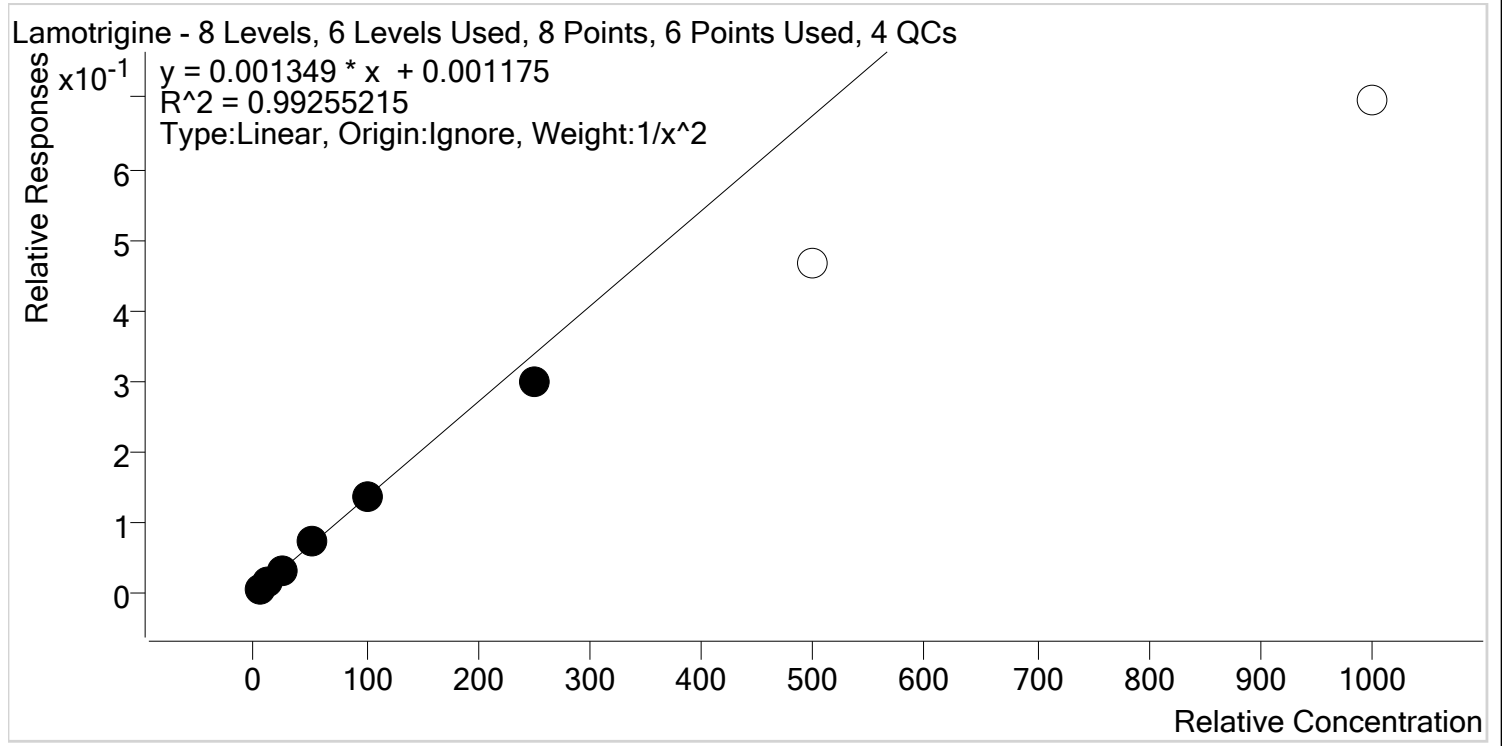
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	480.2	96.0
p1 Cal 8-1000ng	8	✓	1000.0	891.4	89.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



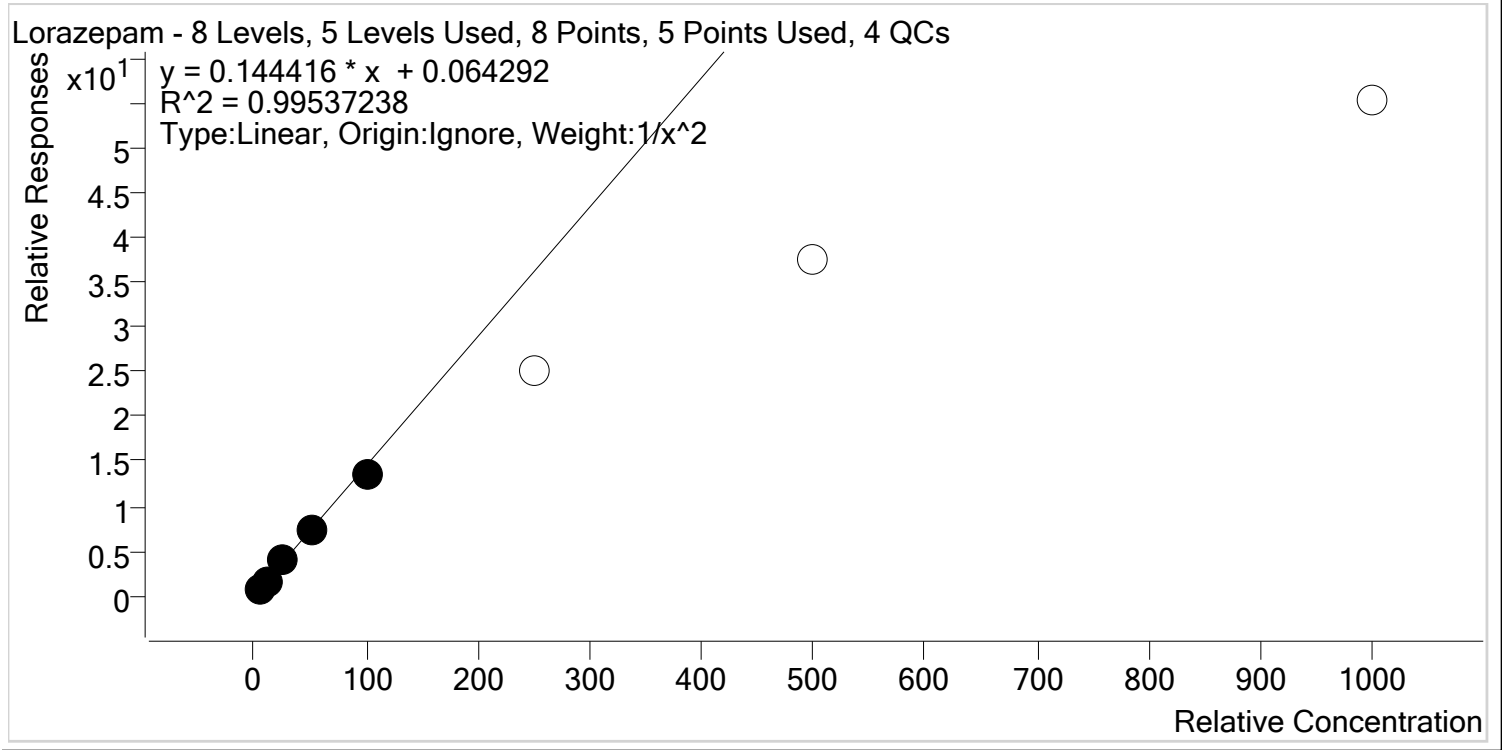
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2- 10ng	2	✓	10.0	10.7	107.4
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	222.2	88.9
p1 Cal 7-500ng	7	x	500.0	345.5	69.1
p1 Cal 8-1000ng	8	x	1000.0	515.1	51.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	91.9	91.9
p1 Cal 6-250ng	6	x	250.0	173.7	69.5
p1 Cal 7-500ng	7	x	500.0	258.6	51.7
p1 Cal 8-1000ng	8	x	1000.0	382.4	38.2

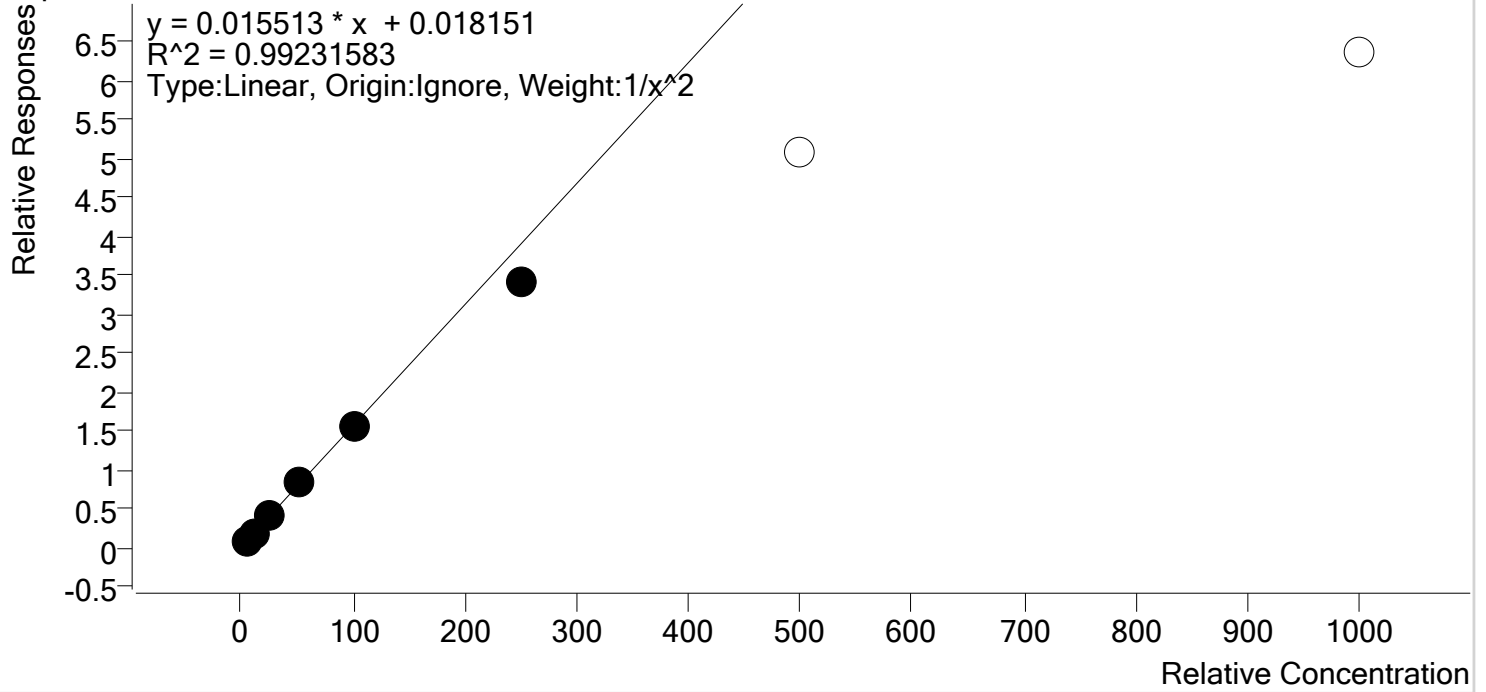


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



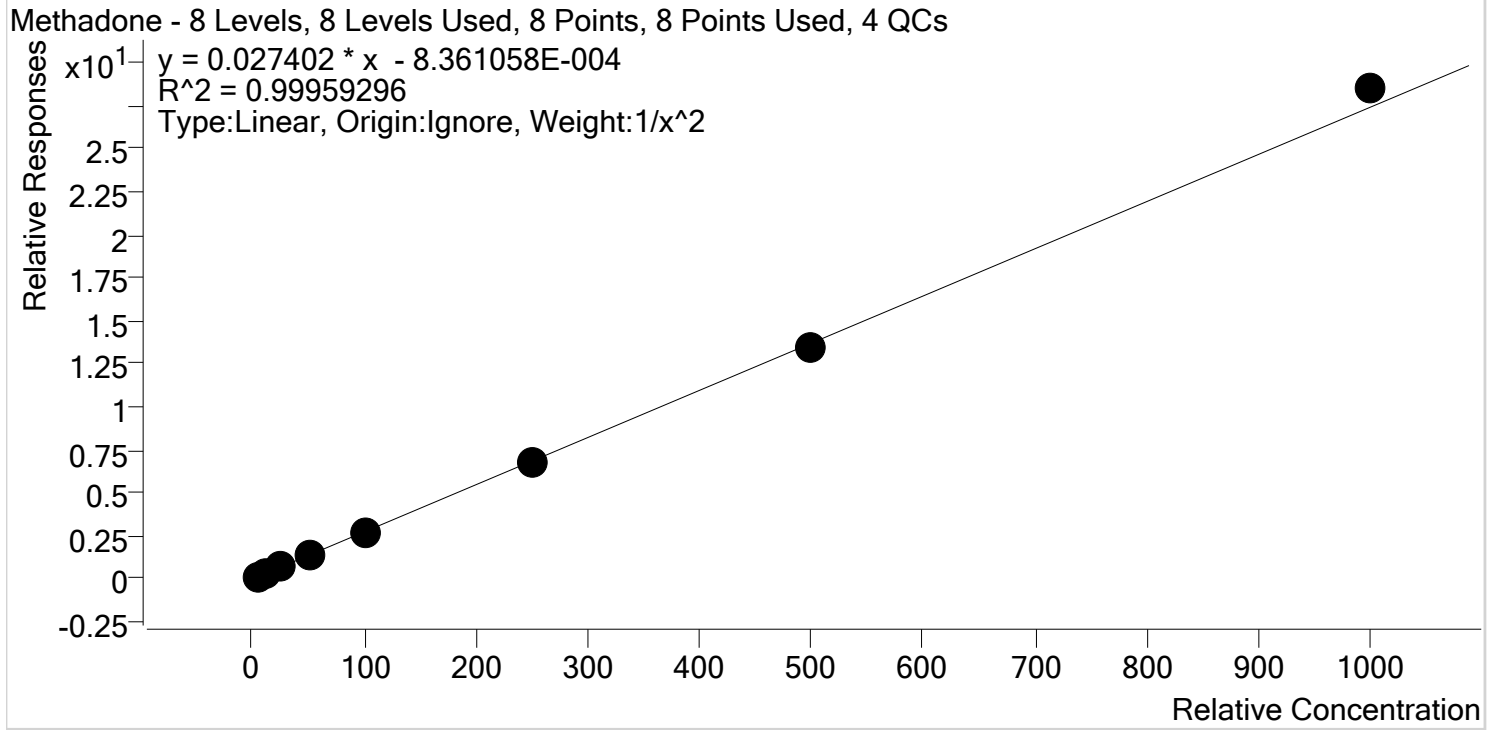
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	53.9	107.9
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	219.4	87.8
p1 Cal 7-500ng	7	x	500.0	324.9	65.0
p1 Cal 8-1000ng	8	x	1000.0	408.2	40.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/20/2020 9:55 AM
 Analyst Name ISP\datastor
 Analyte Methadone Internal Standard Methadone-D9



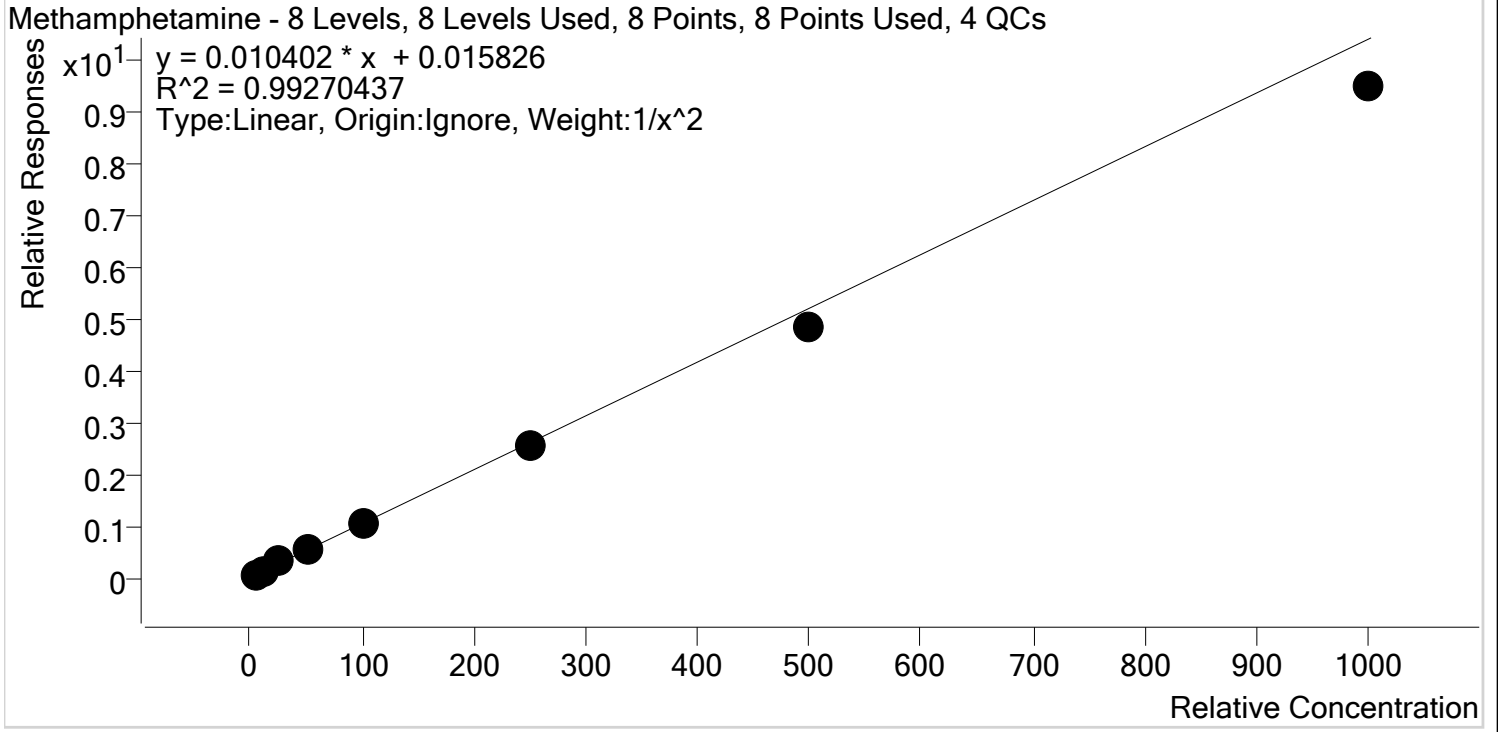
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	492.9	98.6
p1 Cal 8-1000ng	8	✓	1000.0	1039.6	104.0



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2- 10ng	2	✓	10.0	10.5	104.5
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.4
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	467.6	93.5
p1 Cal 8-1000ng	8	✓	1000.0	912.0	91.2

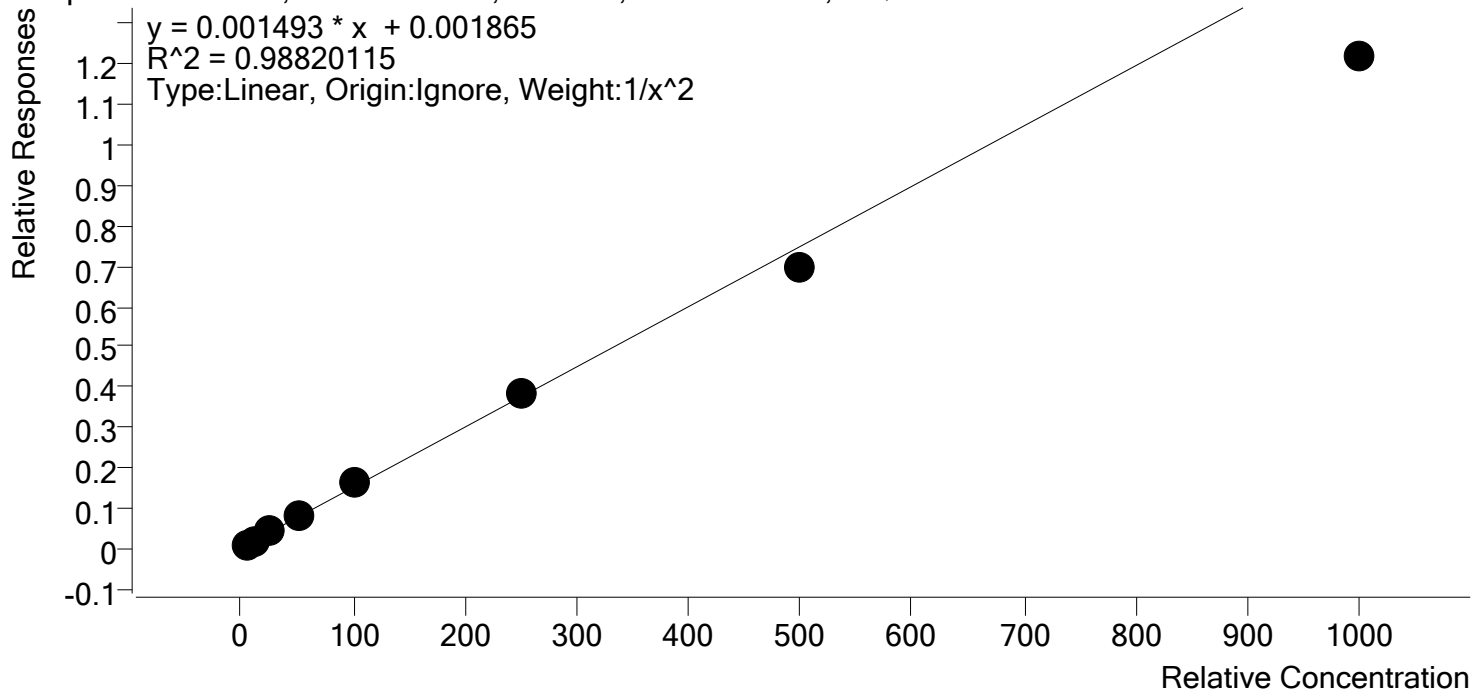


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2- 10ng	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	108.6	108.6
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	466.5	93.3
p1 Cal 8-1000ng	8	✓	1000.0	815.2	81.5

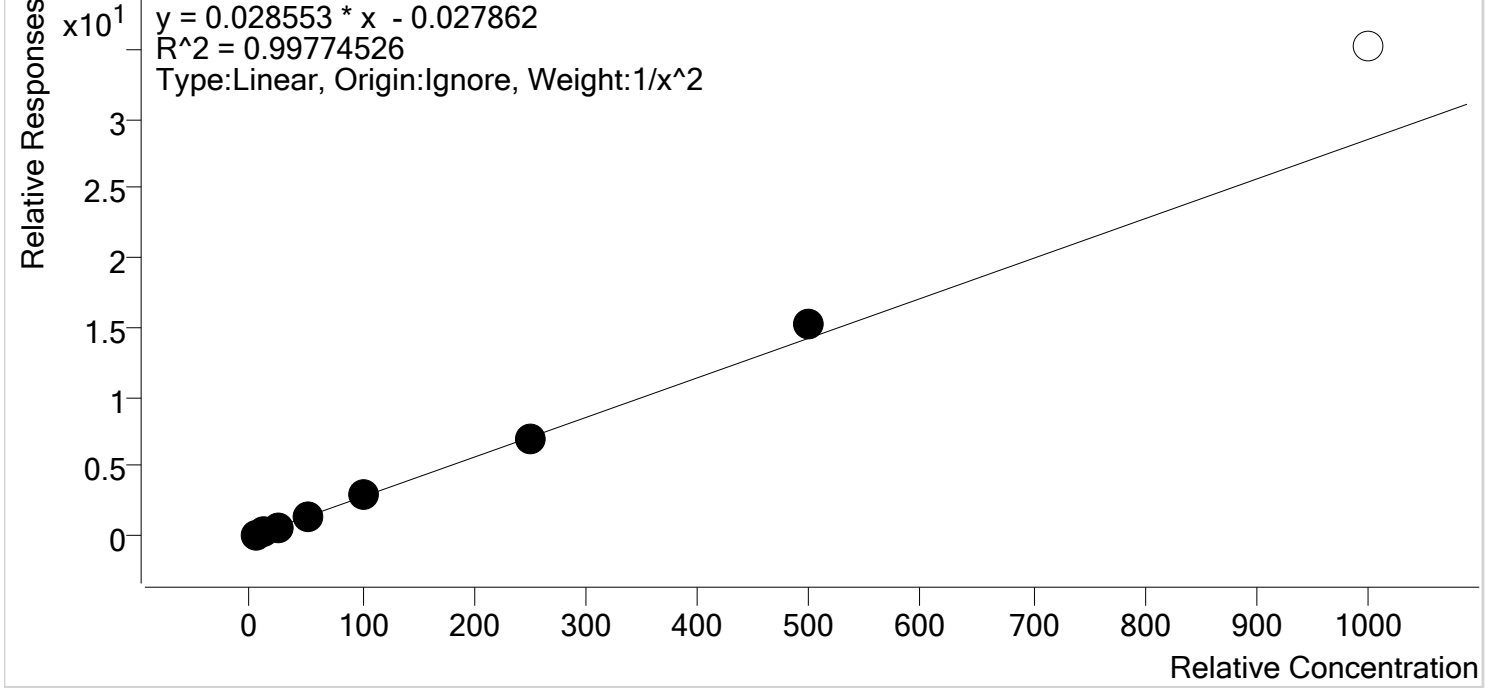


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

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



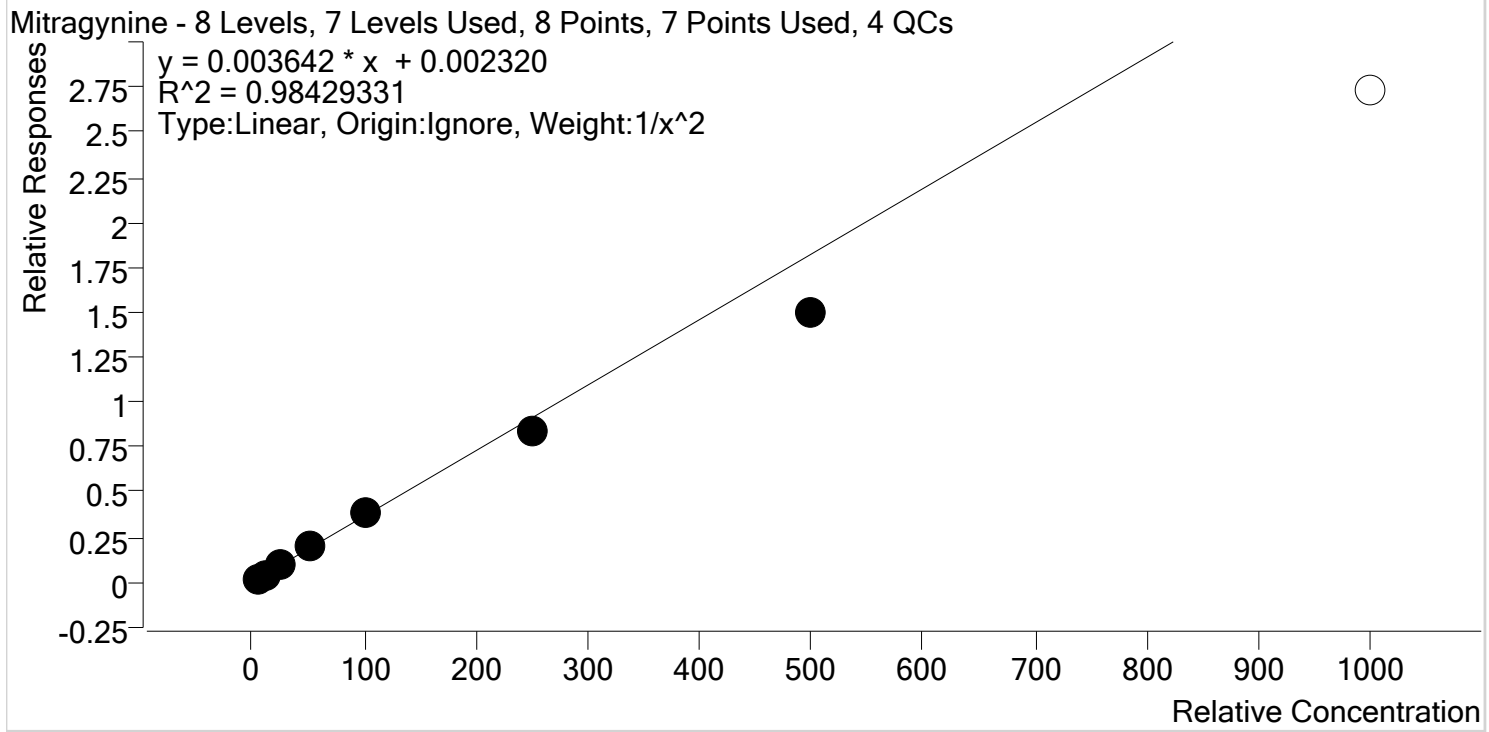
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	531.4	106.3
p1 Cal 8-1000ng	8	x	1000.0	1233.5	123.3



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



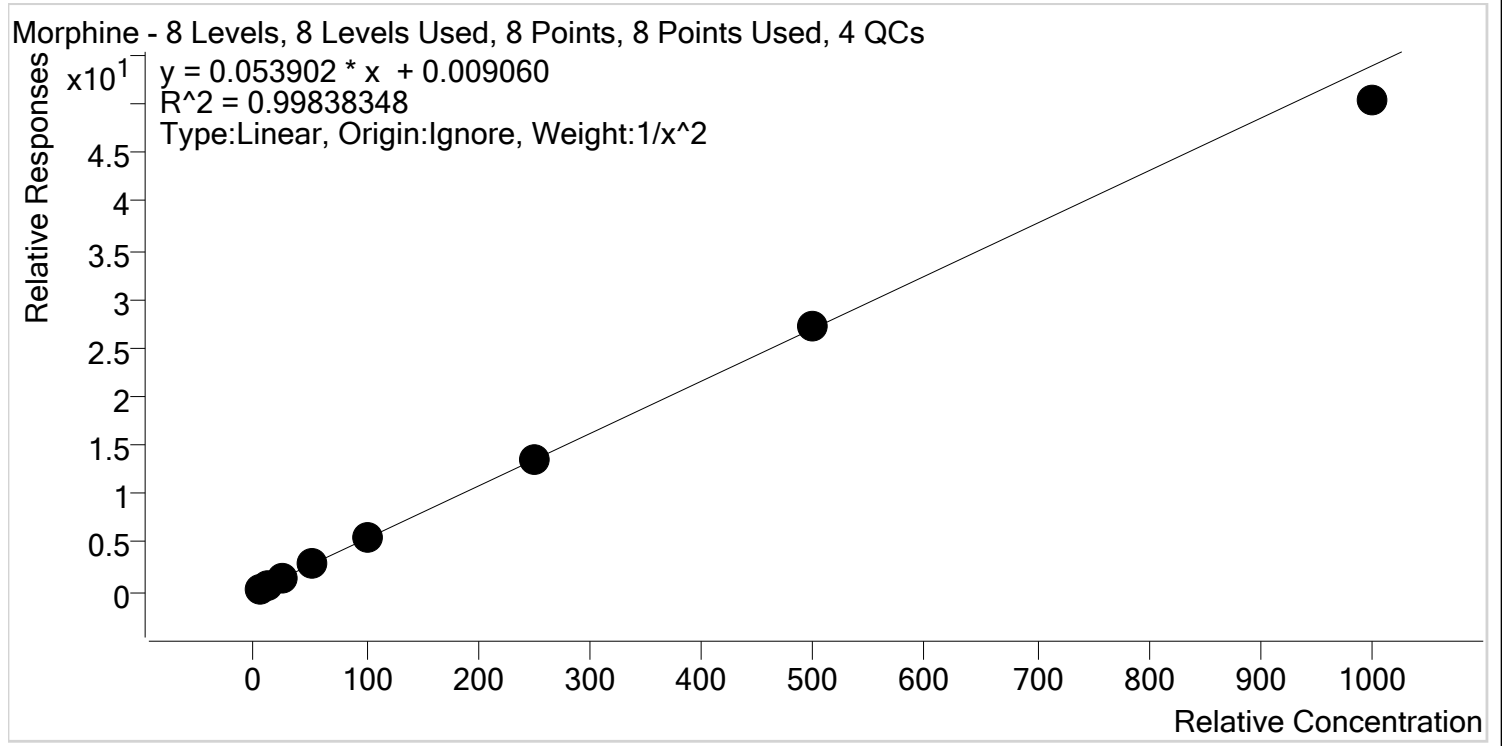
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	92.9
p1 Cal 2- 10ng	2	✓	10.0	10.9	108.8
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.4
p1 Cal 4-50ng	4	✓	50.0	54.8	109.5
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	231.5	92.6
p1 Cal 7-500ng	7	✓	500.0	412.6	82.5
p1 Cal 8-1000ng	8	✗	1000.0	749.4	74.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



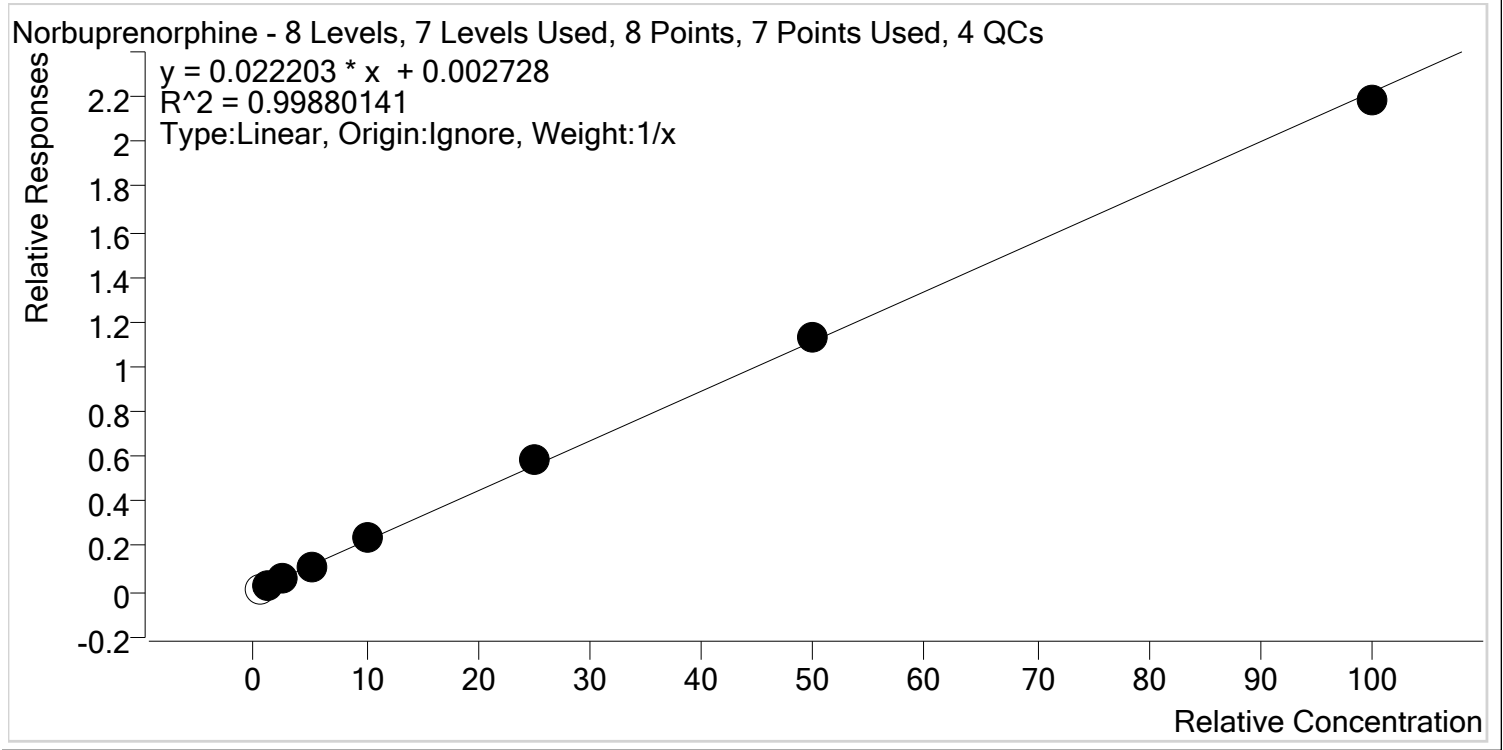
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	501.5	100.3
p1 Cal 8-1000ng	8	✓	1000.0	933.7	93.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.4	76.3
p1 Cal 2- 10ng	2	✓	1.0	0.9	94.8
p1 Cal 3 -25ng	3	✓	2.5	2.7	109.4
p1 Cal 4-50ng	4	✓	5.0	4.4	88.0
p1 Cal 5-100ng	5	✓	10.0	10.4	103.8
p1 Cal 6-250ng	6	✓	25.0	26.1	104.4
p1 Cal 7-500ng	7	✓	50.0	50.7	101.4
p1 Cal 8-1000ng	8	✓	100.0	98.3	98.3

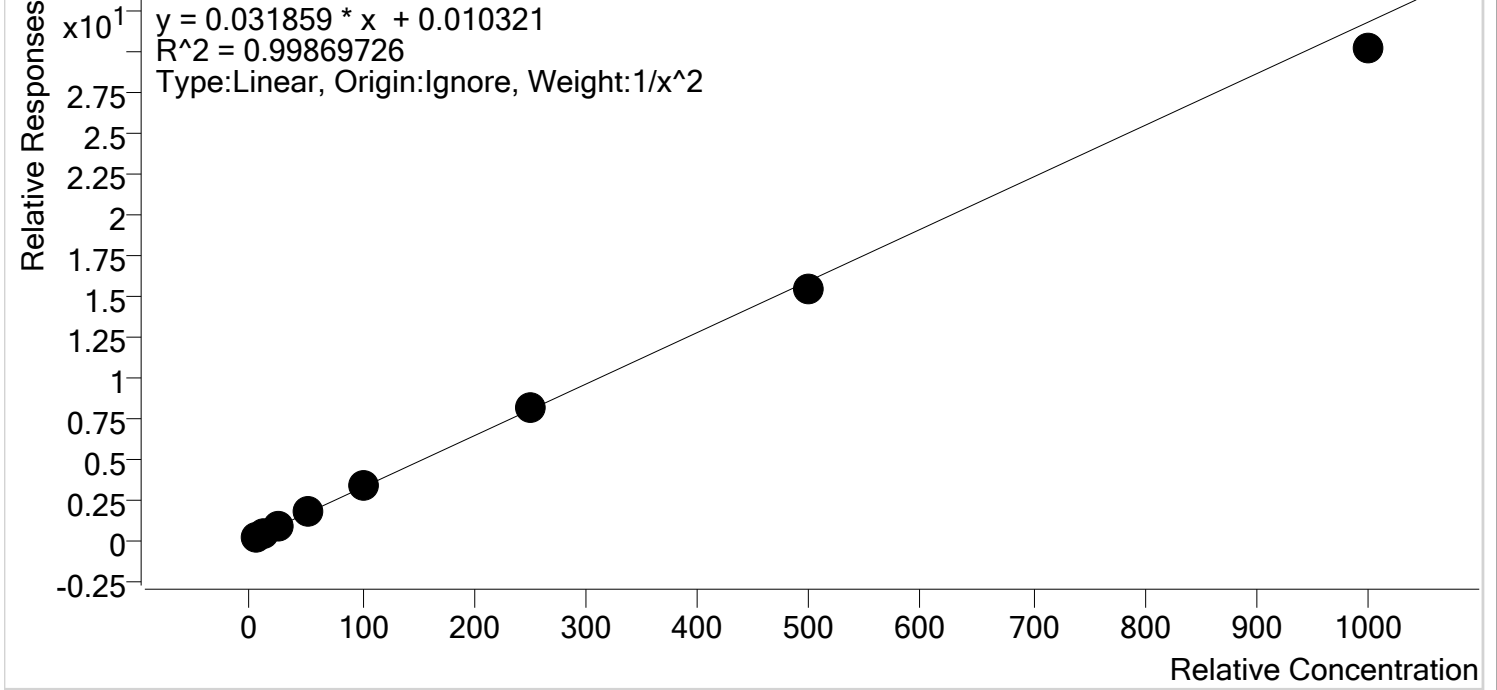


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



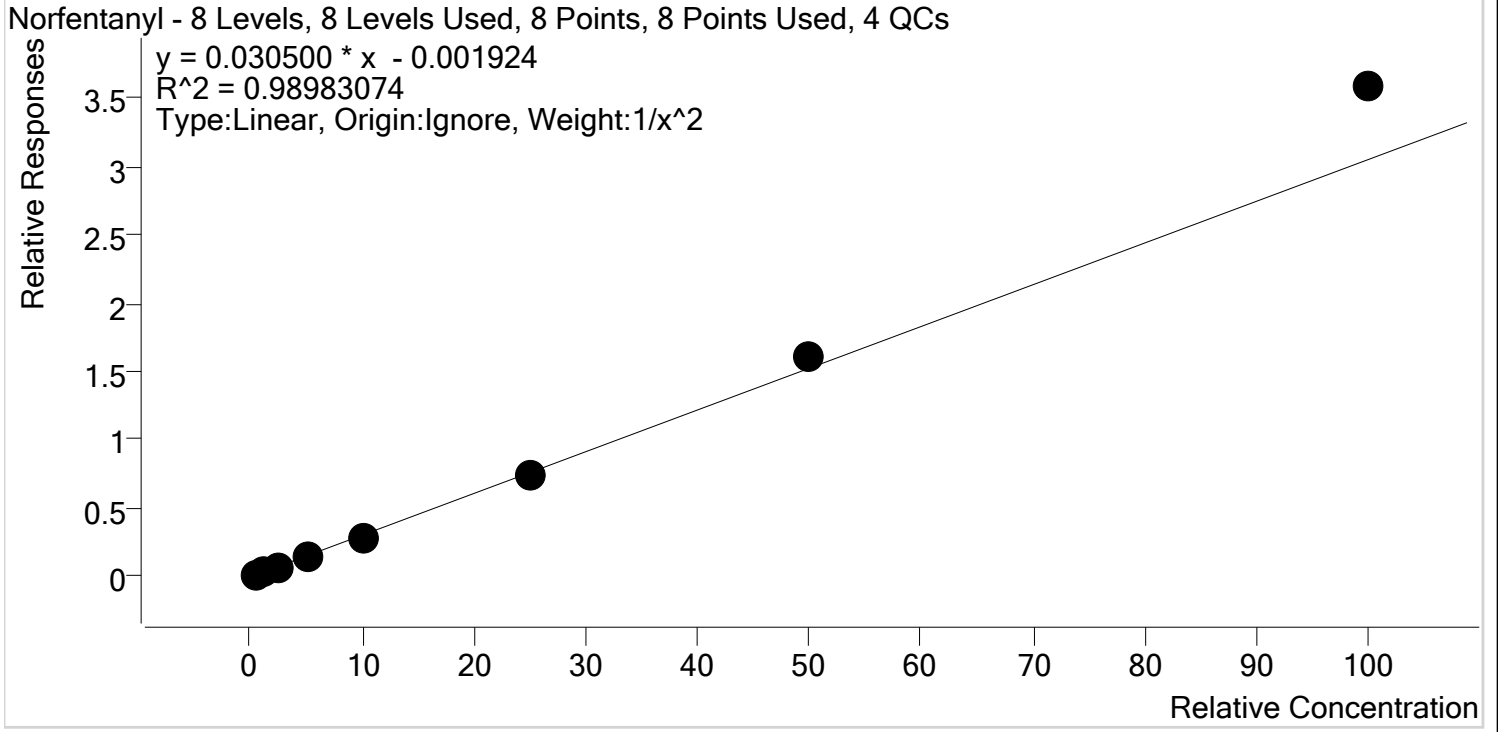
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	487.2	97.4
p1 Cal 8-1000ng	8	✓	1000.0	948.8	94.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



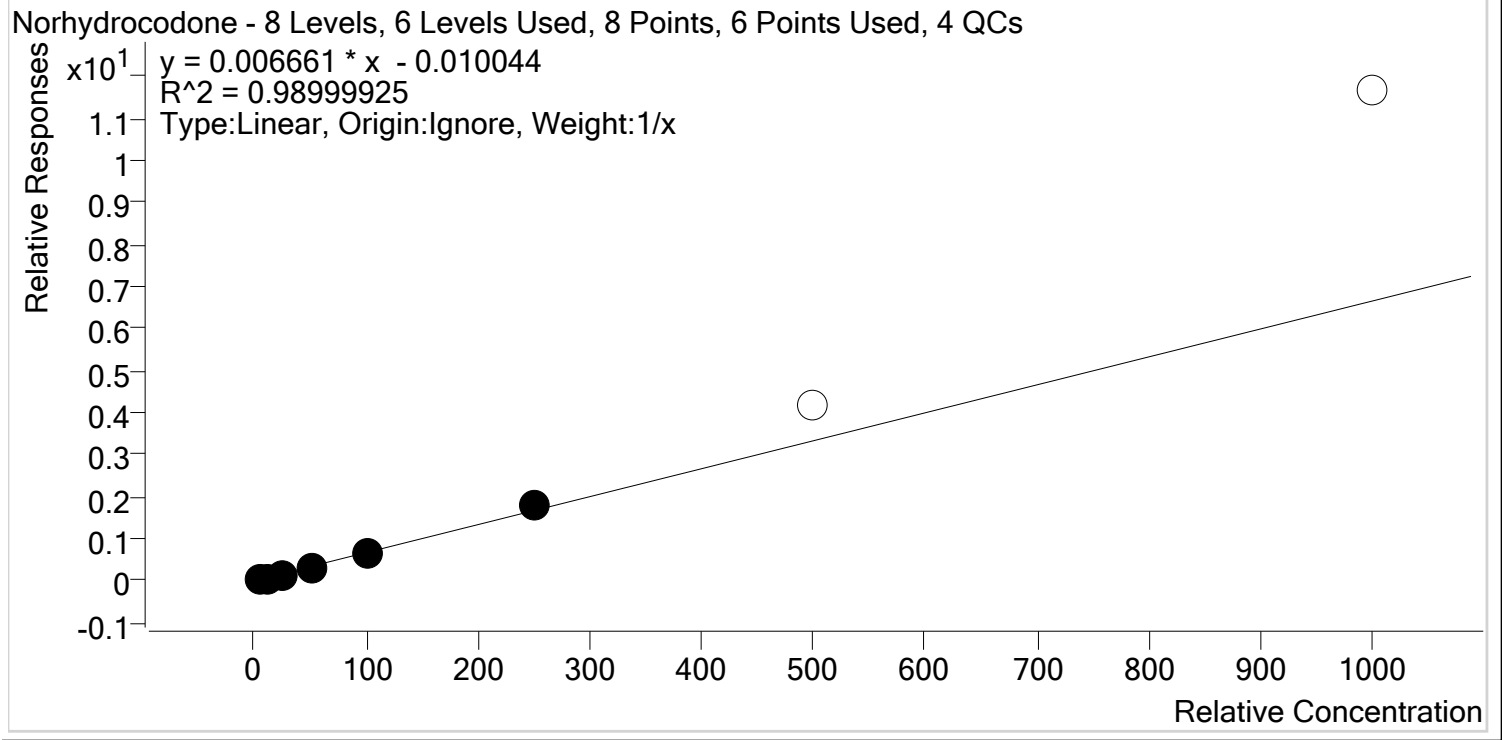
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.9
p1 Cal 2- 10ng	2	✓	1.0	0.9	94.9
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.0
p1 Cal 4-50ng	4	✓	5.0	4.7	93.8
p1 Cal 5-100ng	5	✓	10.0	9.2	92.3
p1 Cal 6-250ng	6	✓	25.0	24.5	97.9
p1 Cal 7-500ng	7	✓	50.0	52.9	105.8
p1 Cal 8-1000ng	8	✓	100.0	117.5	117.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.4	128.3
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	22.1	88.4
p1 Cal 4-50ng	4	✓	50.0	43.4	86.8
p1 Cal 5-100ng	5	✓	100.0	91.4	91.4
p1 Cal 6-250ng	6	✓	250.0	266.8	106.7
p1 Cal 7-500ng	7	x	500.0	623.1	124.6
p1 Cal 8-1000ng	8	x	1000.0	1753.2	175.3

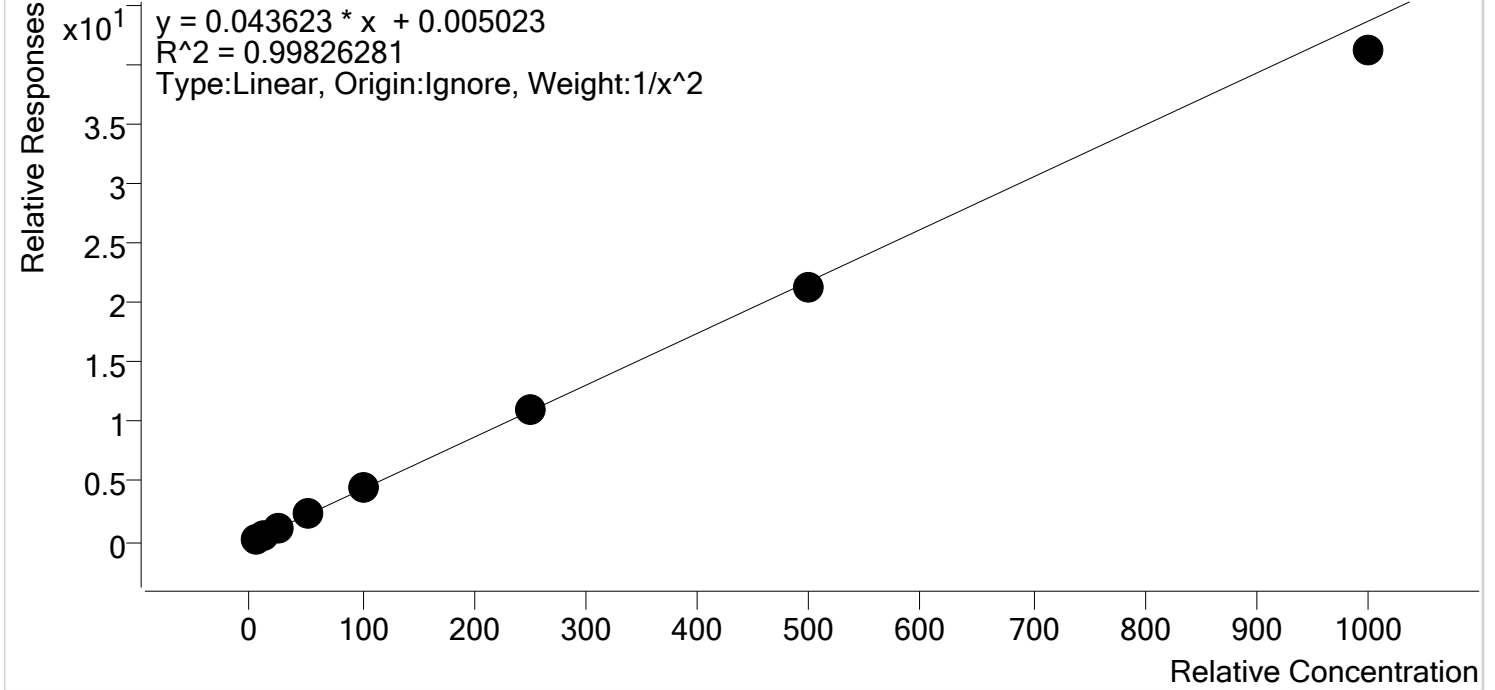


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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



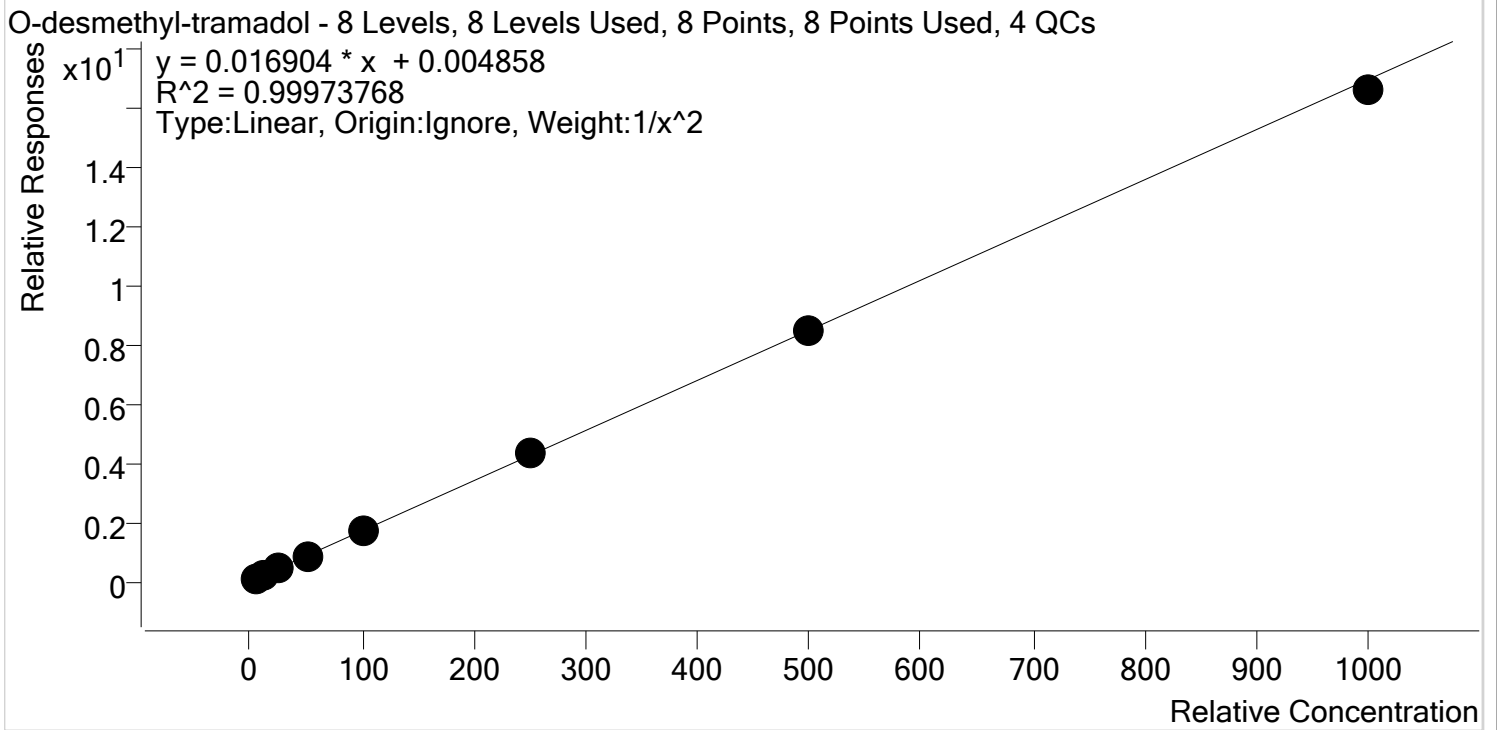
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.4
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	489.1	97.8
p1 Cal 8-1000ng	8	✓	1000.0	943.4	94.3



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



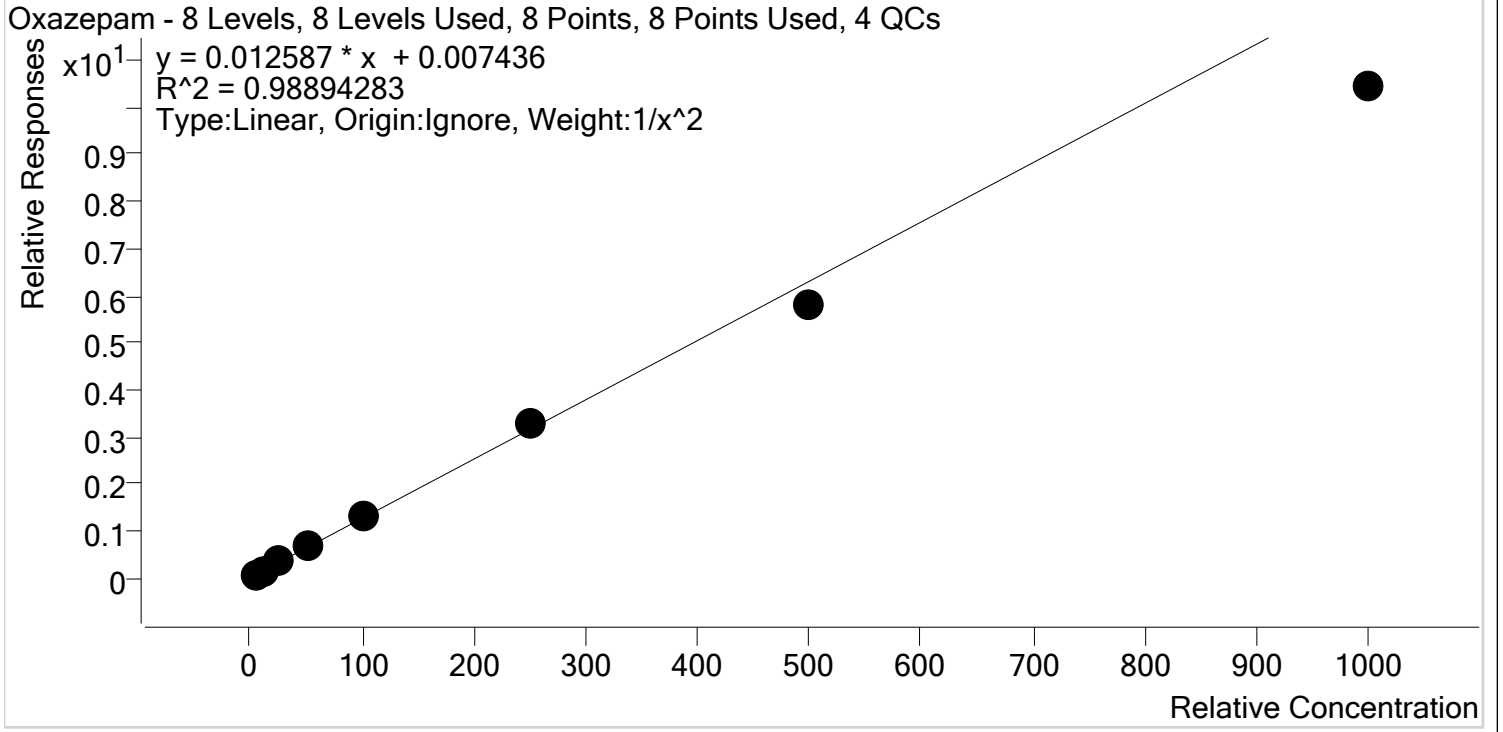
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	253.6	101.5
p1 Cal 7-500ng	7	✓	500.0	497.0	99.4
p1 Cal 8-1000ng	8	✓	1000.0	978.5	97.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	55.4	110.8
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	260.8	104.3
p1 Cal 7-500ng	7	✓	500.0	457.4	91.5
p1 Cal 8-1000ng	8	✓	1000.0	828.6	82.9

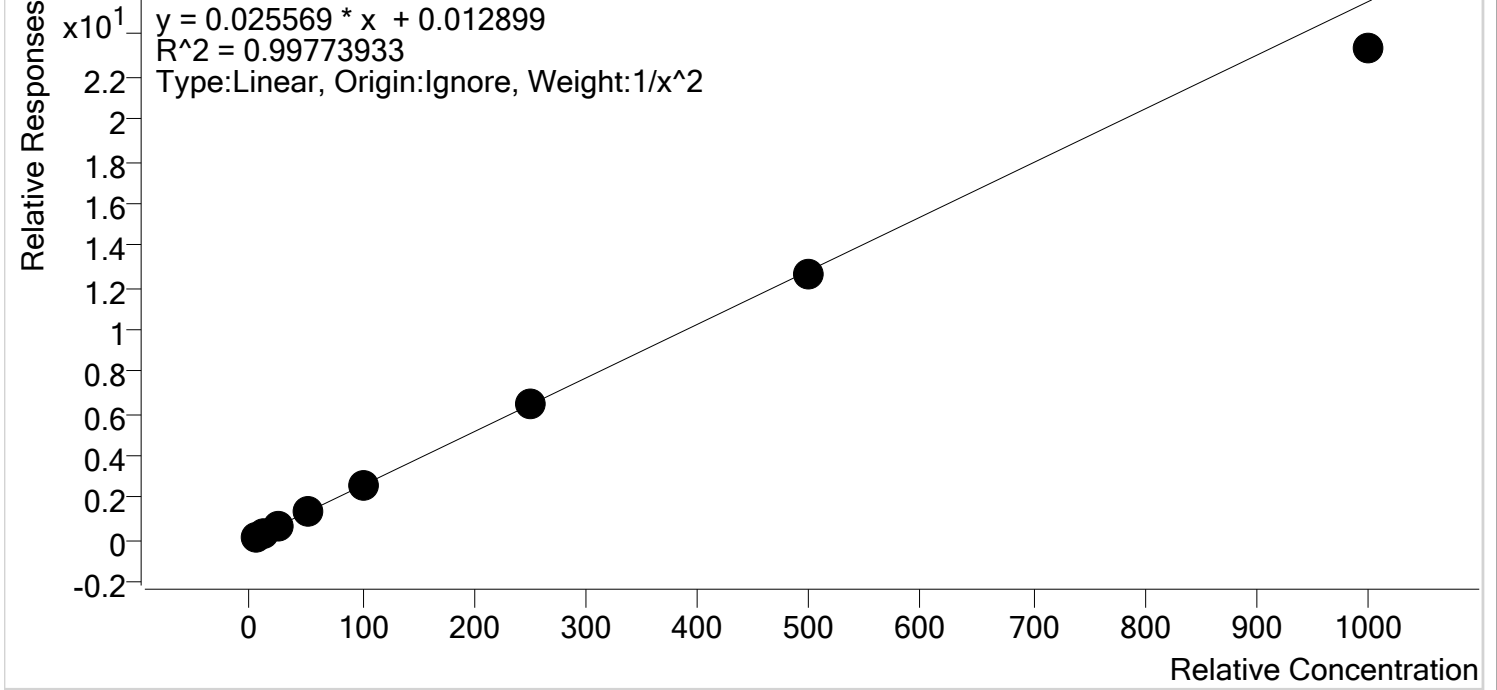


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



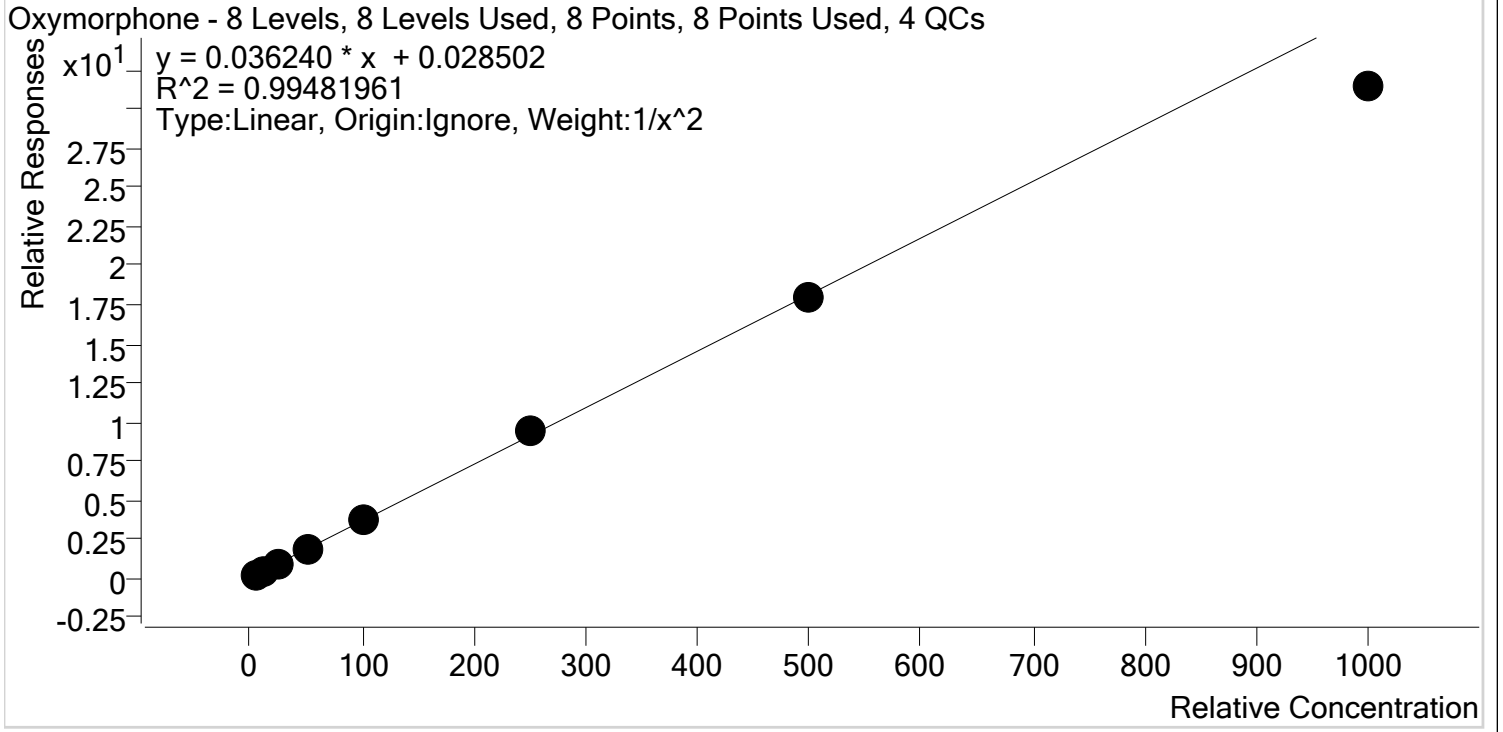
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	490.0	98.0
p1 Cal 8-1000ng	8	✓	1000.0	912.6	91.3



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2- 10ng	2	✓	10.0	10.5	105.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	261.7	104.7
p1 Cal 7-500ng	7	✓	500.0	492.5	98.5
p1 Cal 8-1000ng	8	✓	1000.0	867.6	86.8

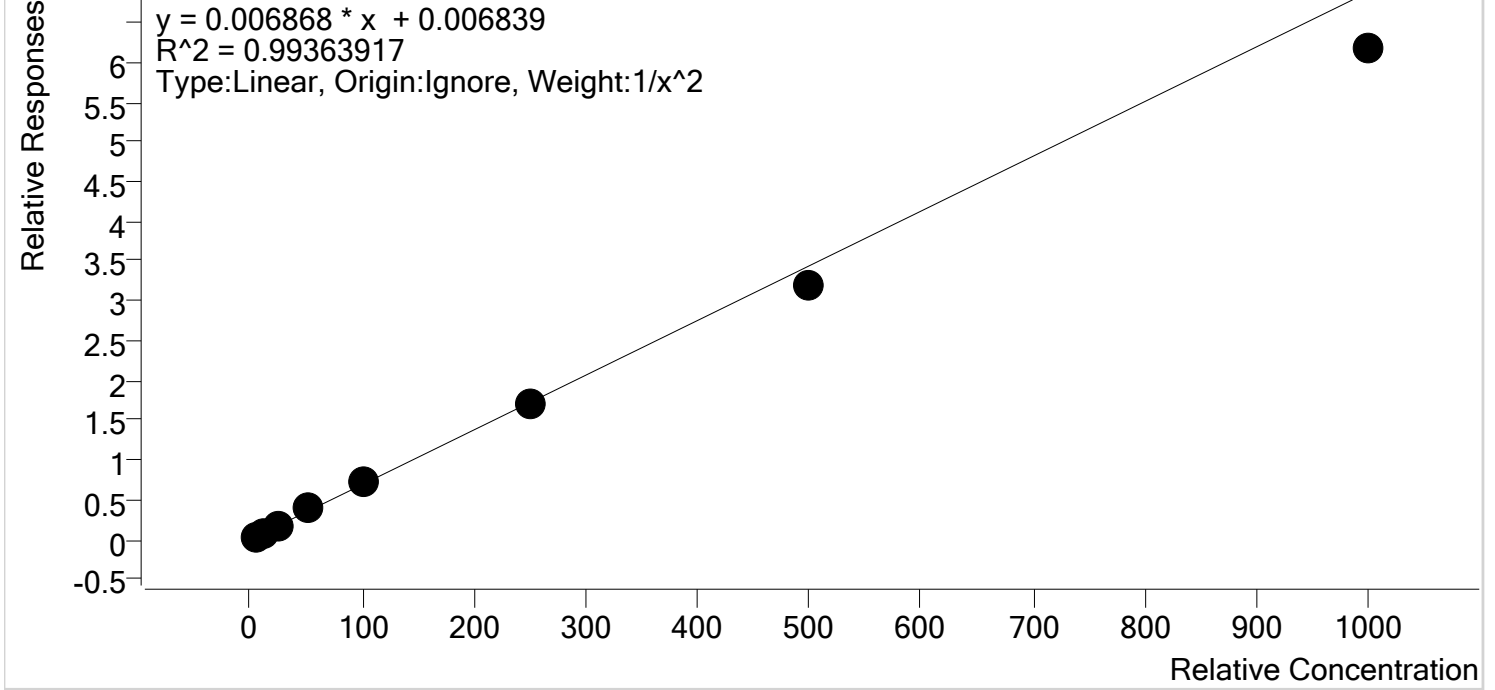


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	55.1	110.3
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	463.0	92.6
p1 Cal 8-1000ng	8	✓	1000.0	897.0	89.7

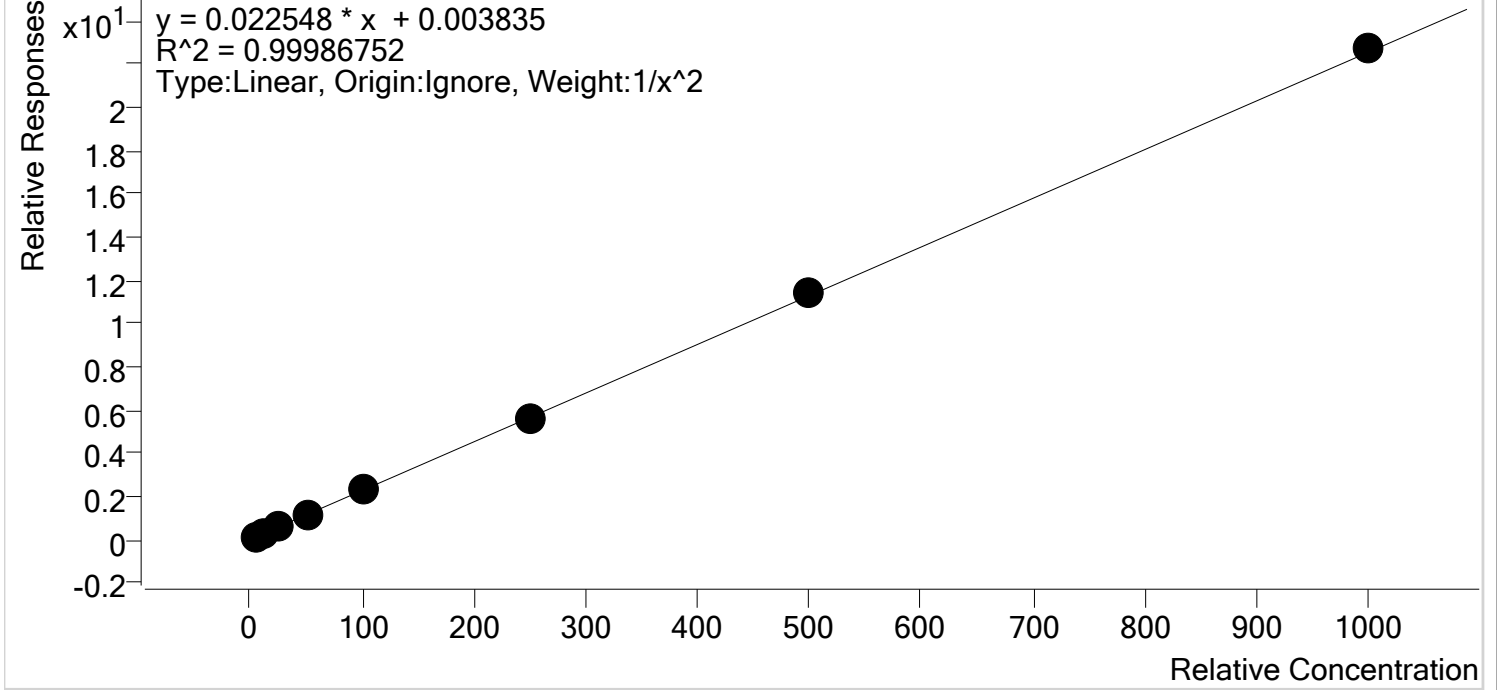


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/20/2020 9:55 AM
 Analyst Name ISP\datastor
 Analyte Promethazine Internal Standard Promethazine-D3

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



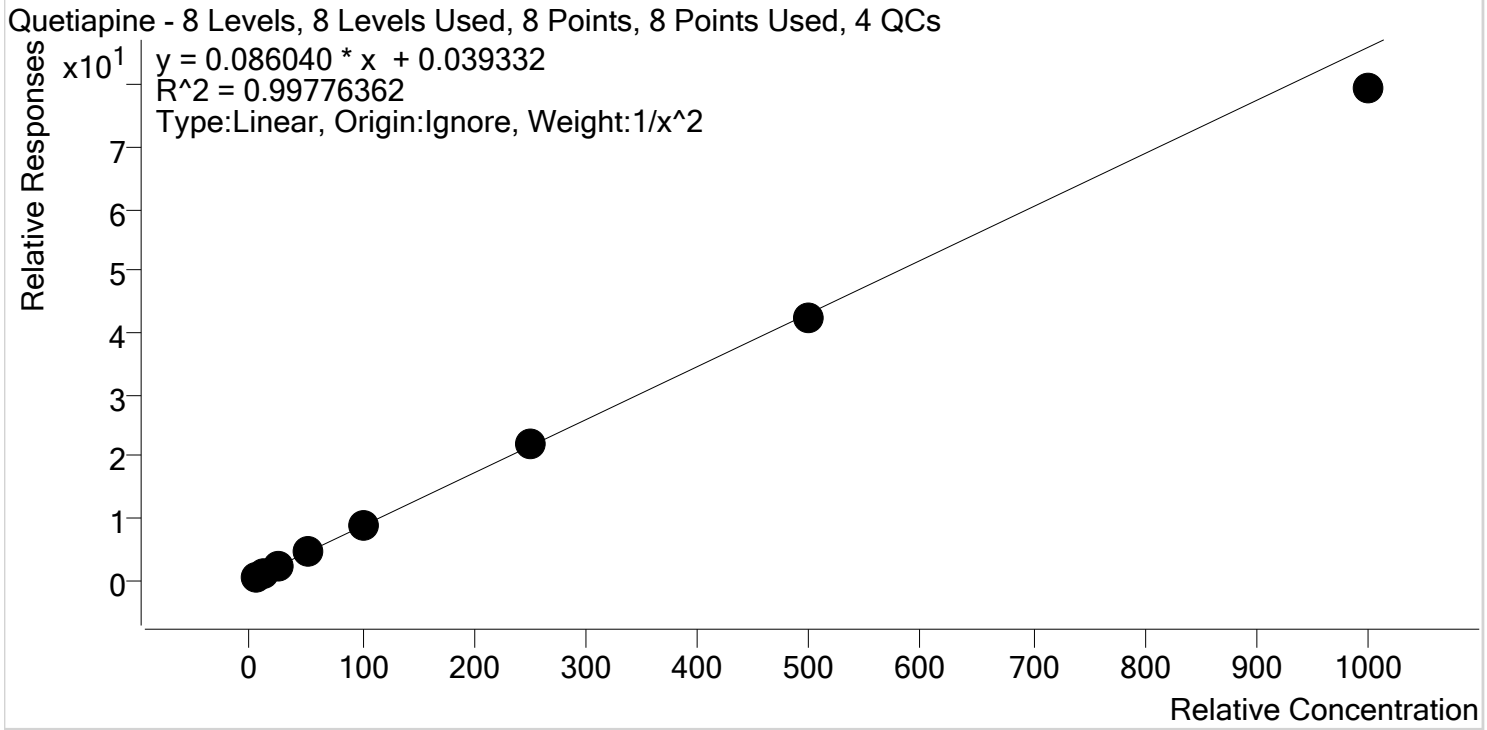
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	505.3	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1007.6	100.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.8
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	253.6	101.5
p1 Cal 7-500ng	7	✓	500.0	488.4	97.7
p1 Cal 8-1000ng	8	✓	1000.0	922.3	92.2

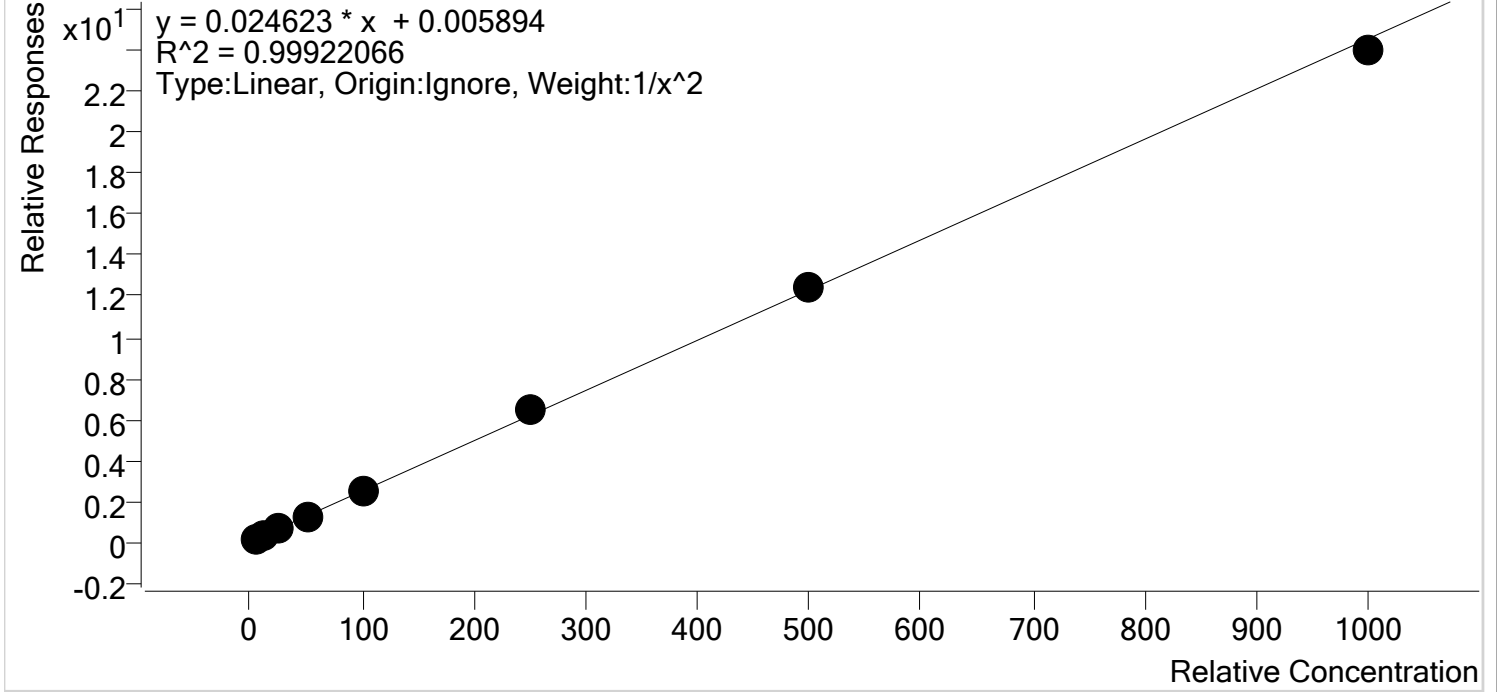


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



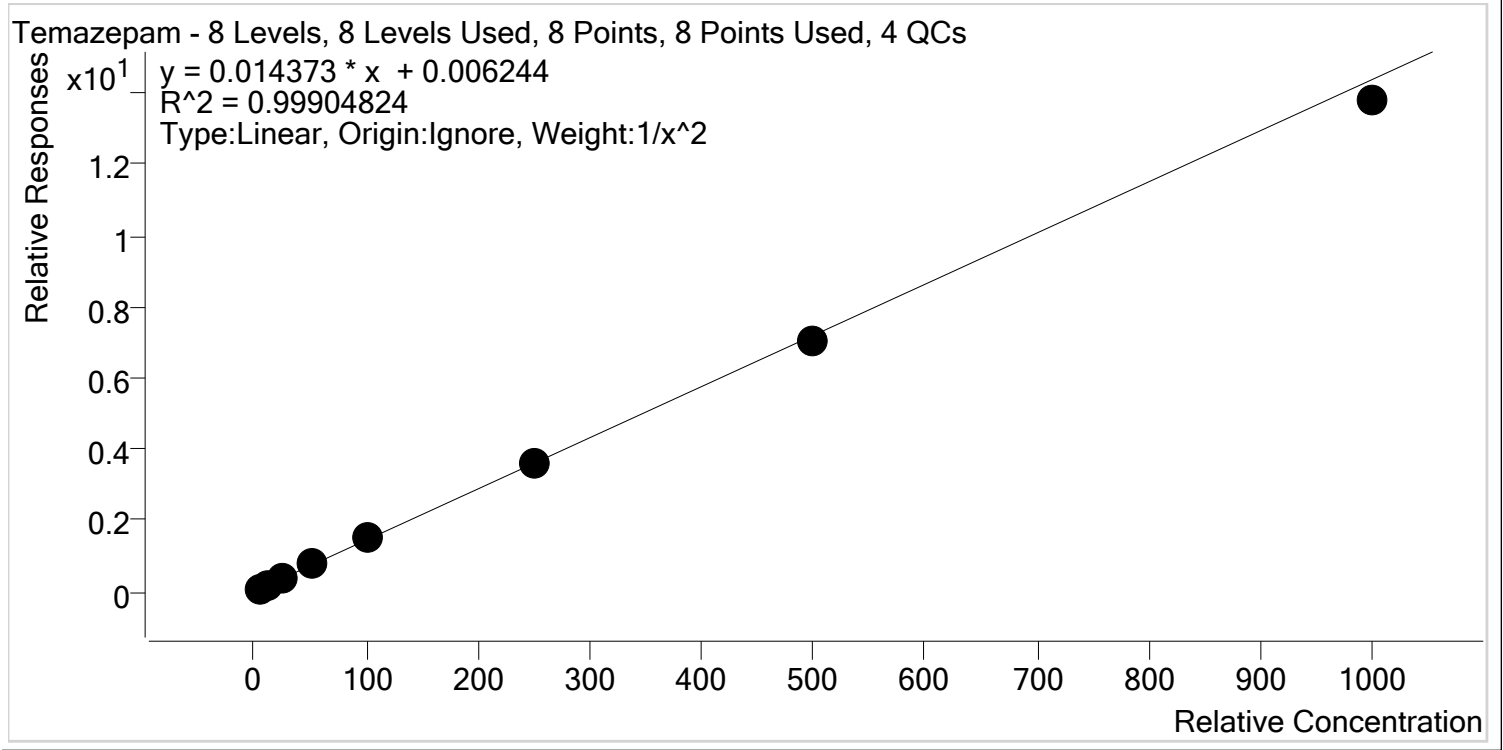
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	259.5	103.8
p1 Cal 7-500ng	7	✓	500.0	503.1	100.6
p1 Cal 8-1000ng	8	✓	1000.0	976.5	97.6



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



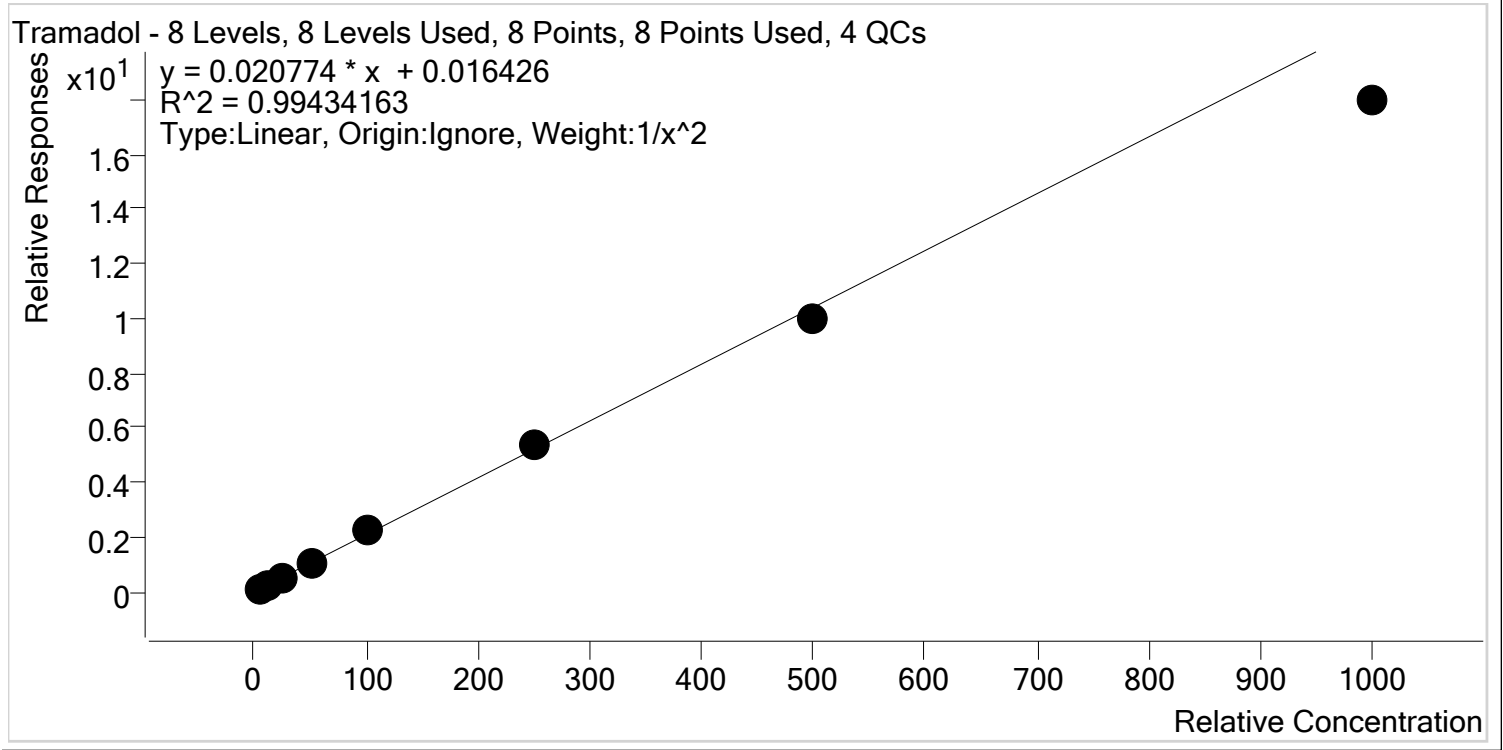
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	486.6	97.3
p1 Cal 8-1000ng	8	✓	1000.0	958.9	95.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



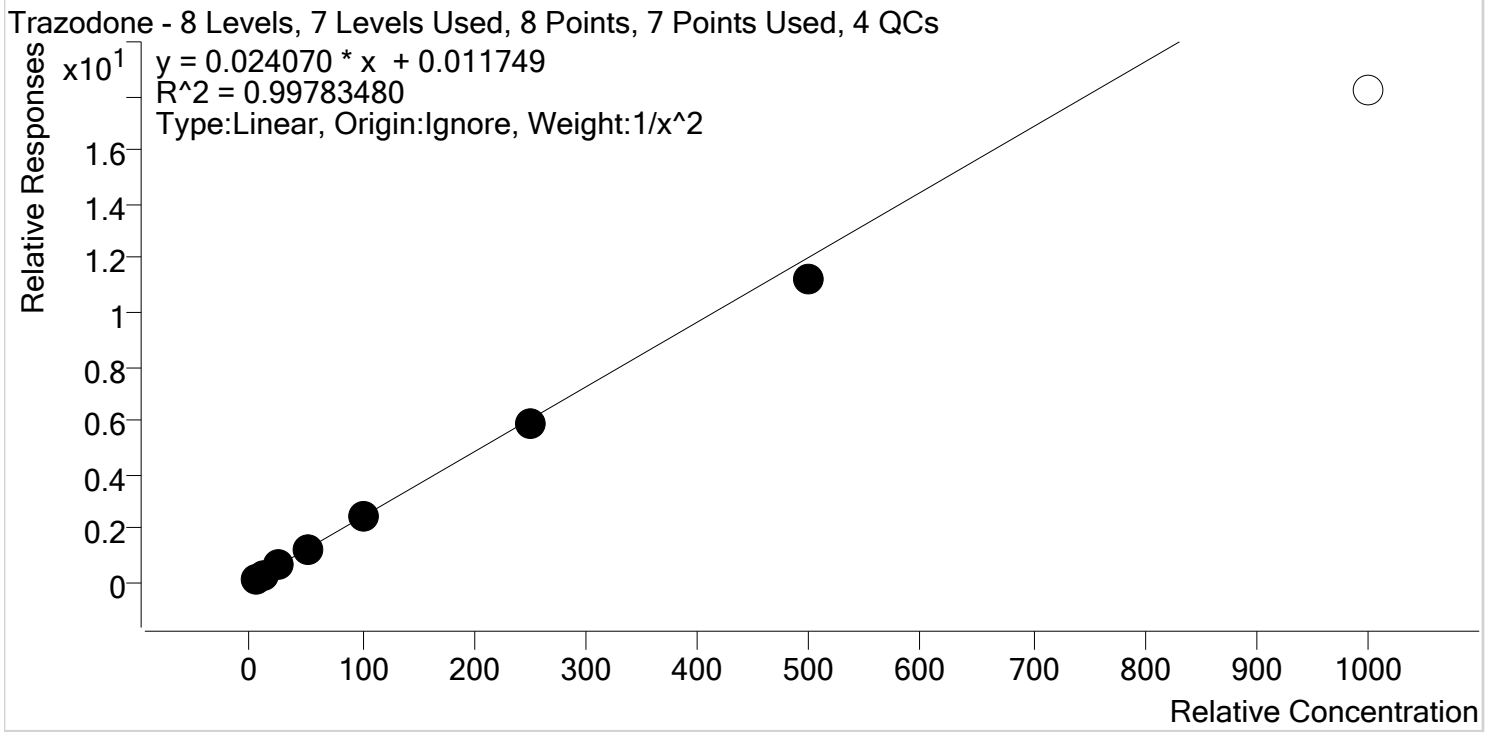
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
p1 Cal 7-500ng	7	✓	500.0	481.4	96.3
p1 Cal 8-1000ng	8	✓	1000.0	864.0	86.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



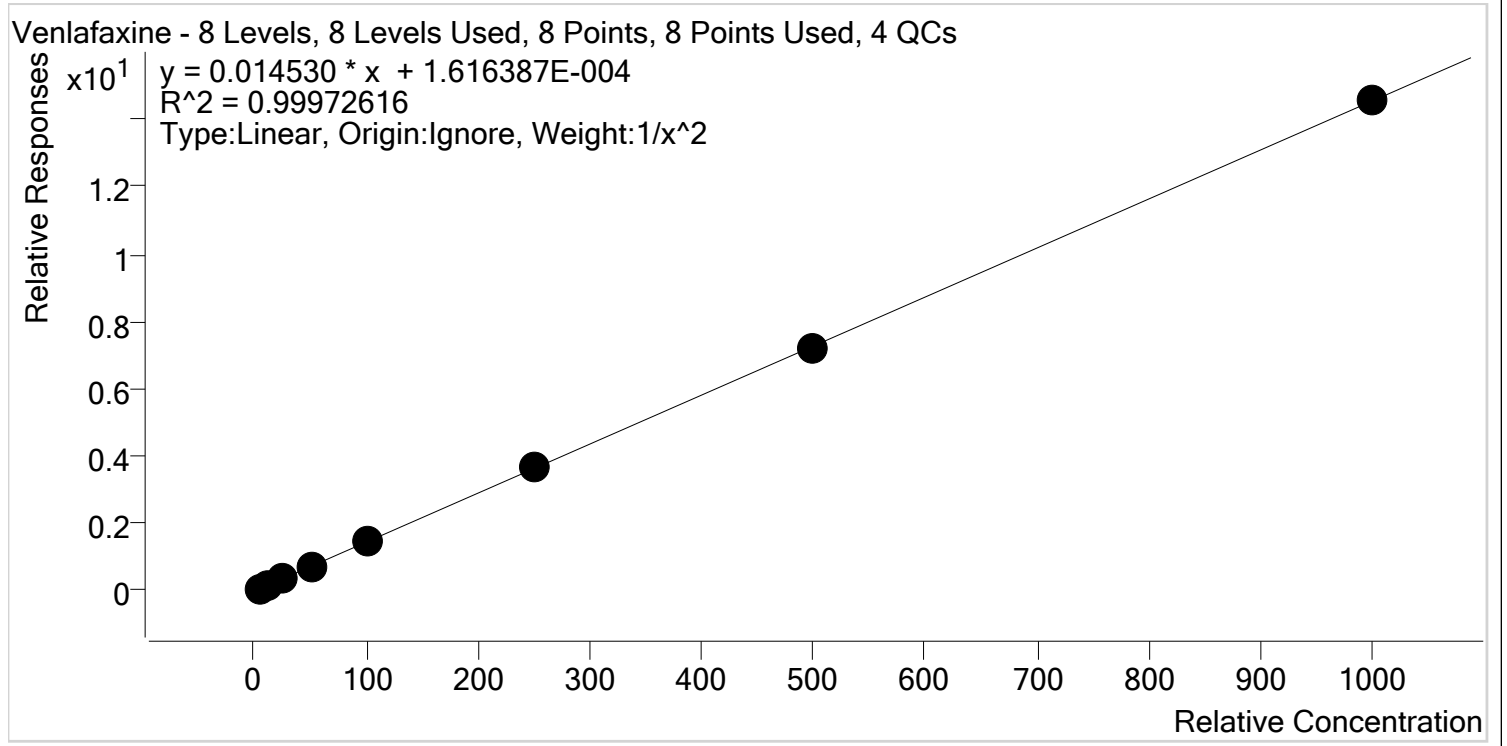
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	243.2	97.3
p1 Cal 7-500ng	7	✓	500.0	466.1	93.2
p1 Cal 8-1000ng	8	✗	1000.0	756.1	75.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 11/20/2020 9:55 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



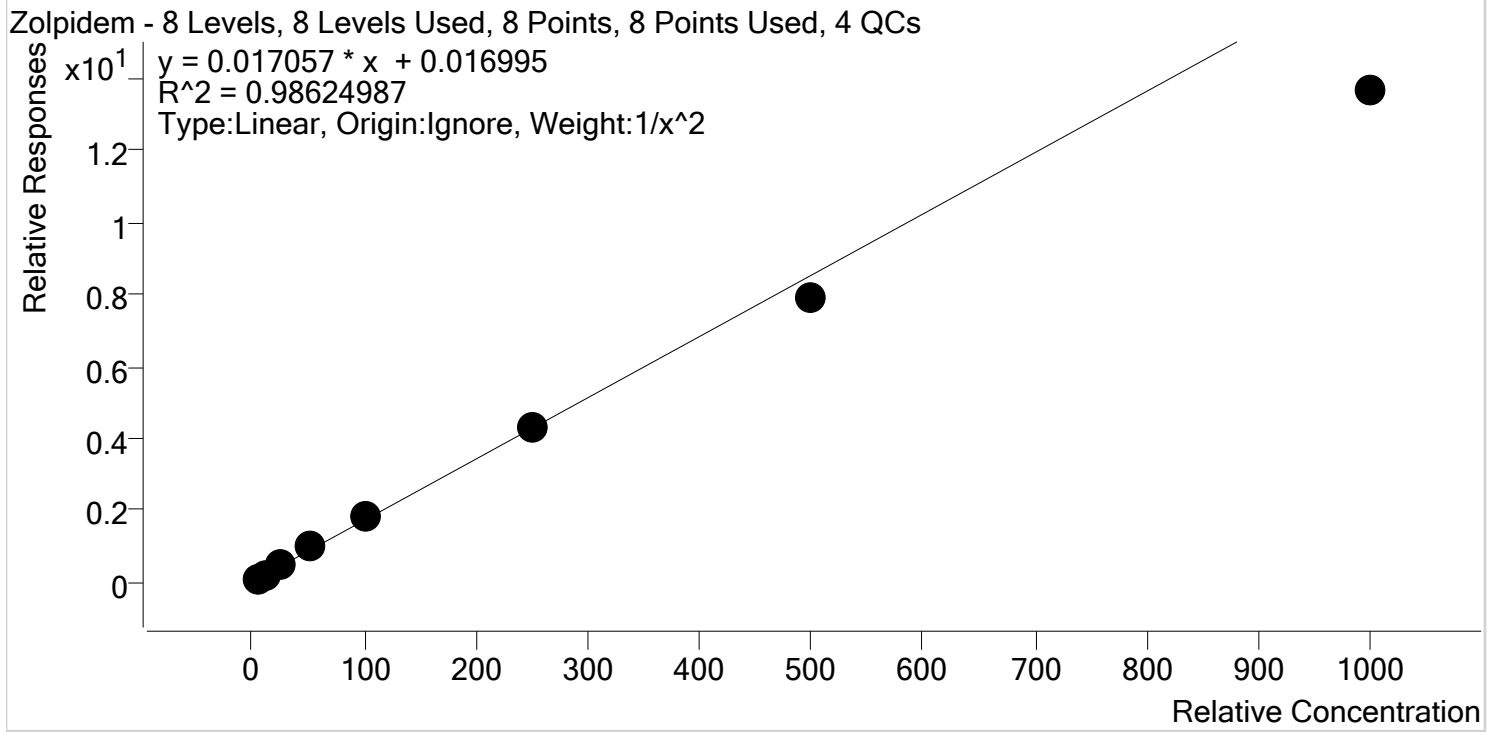
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	494.6	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1000.9	100.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 11/20/2020 9:55 AM
 Analyst Name ISP\datastor
 Analyte Zolpidem Internal Standard Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	26.7	107.0
p1 Cal 4-50ng	4	✓	50.0	55.3	110.7
p1 Cal 5-100ng	5	✓	100.0	109.2	109.2
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	462.9	92.6
p1 Cal 8-1000ng	8	✓	1000.0	801.3	80.1

TS



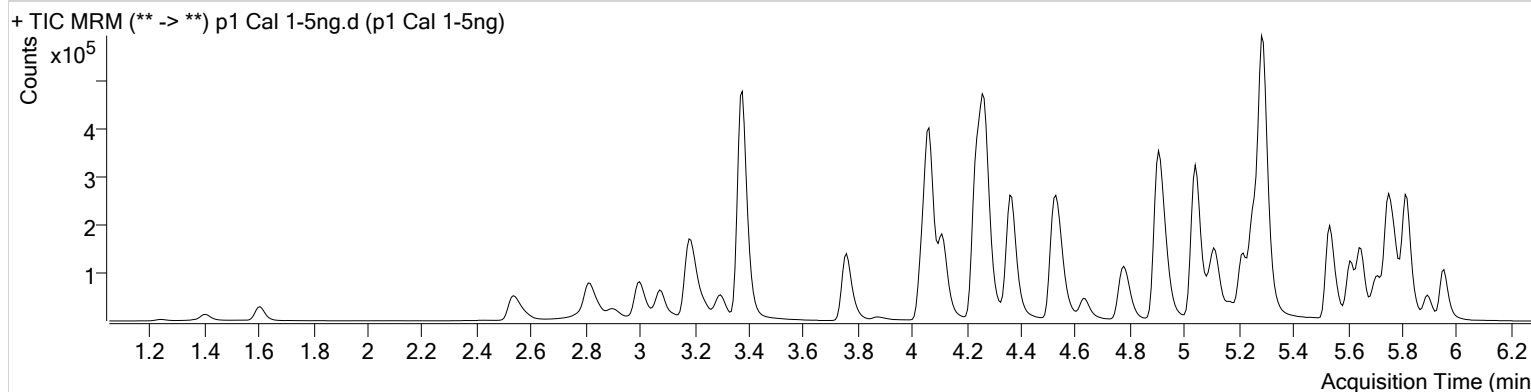
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/20/2020 9:55:33 AM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-H12
Injection Volume 2
Acq. Date-Time 11/14/2020 7:50:59 PM
Sample Info.

Data File p1 Cal 1-5ng.d
Sample p1 Cal 1-5ng
Operator Tamara Salazar
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	644	2160.99	70.6	1096.34	15075	0.5211 ng/ml
7-aminoclonazepam	4.277	12618	6601.52	76.2	8741.56	85723	5.2538 ng/ml
a-hydroxyalprazolam	5.695	8356	274.03	69.5	622.30	16284	5.1172 ng/ml
alpha-PHP	4.942	15364	1400.69	281.9	6048.75	582906	4.7464 ng/ml
alpha-PVP	4.376	69906	413.51	48.3	300.27	582906	4.9972 ng/ml
Alprazolam	5.778	23191	317.64	104.3	173.36	107808	5.3033 ng/ml
Amphetamine	3.078	105554	4371.55	46.3	2821.60	65130	4.8884 ng/ml
Benzoylecgonine	3.898	2334	365.36	8.0	64.99	12918	6.0211 ng/ml
Buprenorphine	5.857	923	76.59	14.3	381.95	51874	0.4899 ng/ml
Bupropion	4.793	57444	2629.56	63.4	2579.38	250504	4.9329 ng/ml
Carisoprodol	5.727	9097	4935.85	43.7	64.73	92123	4.9430 ng/ml
Citalopram	5.217	30818	415.45	43.4	747.02	292823	5.0001 ng/ml
Clonazepam	5.615	42737	11967.76	32.2	252.61	63029	4.8589 ng/ml
Cocaine	4.263	57850	707.61	51.9	210475.66	707557	4.9963 ng/ml
Codeine	2.590	4849	2113.23	107.9	135.70	32713	5.0186 ng/ml
Cyclobenzaprine	5.619	10881	440.35	9.3	53.21	91884	5.2570 ng/ml
Dextromethorphan	5.266	13478	823.70	86.3	∞	133345	5.0695 ng/ml
Dextrorphan	4.117	7930	552.29	235.1	1105.29	339636	5.2029 ng/ml
Diazepam	5.963	18377	292.27	93.3	1685.79	194292	4.9266 ng/ml
Dihydrocodeine	2.569	13781	6368.47	58.6	898.30	121753	4.8961 ng/ml
Diphenhydramine	5.294	53491	101592.44	28.8	1189.76	1284717	4.9943 ng/ml
Doxylamine	4.541	94736	∞	102.0	∞	655920	4.9540 ng/ml
EDDP	5.259	25168	1532.72	48.9	5605.53	346037	5.1149 ng/ml
Fentanyl	5.107	1054	48.72	65.9	1926.35	119909	0.4940 ng/ml
Fluoxetine	5.703	10424	∞	8.6	1602.71	87985	4.9744 ng/ml
Hydrocodone	3.027	12803	98.19	32.1	46.77	167311	4.9374 ng/ml
Hydromorphone	1.614	11001	370.30	74.4	723.50	61692	4.9741 ng/ml
Ketamine	4.058	49235	523.92	38.6	816.17	379175	4.8521 ng/ml
Lamotrigine	4.286	2894	1096.59	97.2	∞	379175	4.7865 ng/ml
Lorazepam	5.749	48477	∞	51.5	257.20	63029	4.8805 ng/ml
MDA	3.211	54598	2465.54	11.9	192.66	99446	4.7772 ng/ml
MDMA	3.304	51669	61898.26	39.2	2380.76	68191	5.0059 ng/ml
Meprobamate	4.930	2749	80.42	20.7	36.95	29495	4.8374 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.		
Methadone	5.650	33400	284.44	49.0	396.55	244437	5.0170 ng/ml		
Methamphetamine	3.245	24778	532.73	43.1	556.39	380405	4.7404 ng/ml		
Metoprolol	4.332	7130	6357.44	86.6	∞	797080	4.7412 ng/ml		
Mirtazapine	4.636	67241	3364.34	53.7	3790.00	582906	5.0159 ng/ml		
Mitragynine	5.235	4702	3478.13	37.9	2076.41	244437	4.6451 ng/ml		
Morphine	1.253	1651	1045.84	21.2	1952.70	5905	5.0203 ng/ml		
Norbuprenorphine	4.991	39	8.65	Low	99.7	High	98.22	3502	0.3813 ng/ml
Nordiazepam	5.903	13700	486.32	57.8	214.35	80389	5.0253 ng/ml		
Norfentanyl	4.085	11029	164.26	36.4	337.81	783925	0.5243 ng/ml		
Norhydrocodone	3.075	444	50.10	38.3	39.67	13597	6.4147 ng/ml		
Noroxycodone	2.918	12466	246.70	44.7	25.91	55630	5.0217 ng/ml		
O-desmethyl-tramadol	3.377	99419	1314.59	5.9	324.43	1107590	5.0226 ng/ml		
Oxazepam	5.759	26349	770.79	81.0	530.78	386172	4.8300 ng/ml		
Oxycodone	2.843	35349	350.85	28.4	908.02	254286	4.9323 ng/ml		
Oxymorphone	1.410	6871	178.43	44.1	713.99	33655	4.8472 ng/ml		
Phentermine	3.797	14604	270.54	1.6	15.45	366969	4.7986 ng/ml		
Promethazine	5.536	39330	585.41	30.2	282.86	336177	5.0184 ng/ml		
Quetiapine	5.553	30681	48919.26	57.6	∞	65692	4.9710 ng/ml		
Sertraline	5.772	6819	200.66	86.4	22626.43	52541	5.0313 ng/ml		
Temazepam	5.820	39057	230.02	32.5	242.49	498990	5.0113 ng/ml		
Tramadol	4.252	93524	12052.98	3.6	134.61	797080	4.8573 ng/ml		
Trazodone	5.168	39574	1296.29	77.4	11502.41	303699	4.9255 ng/ml		
Venlafaxine	5.041	55921	3939.04	35.3	199.19	766420	5.0106 ng/ml		
Zolpidem	4.926	85598	12813.23	33.0	5185.87	870582	4.7680 ng/ml		

TS

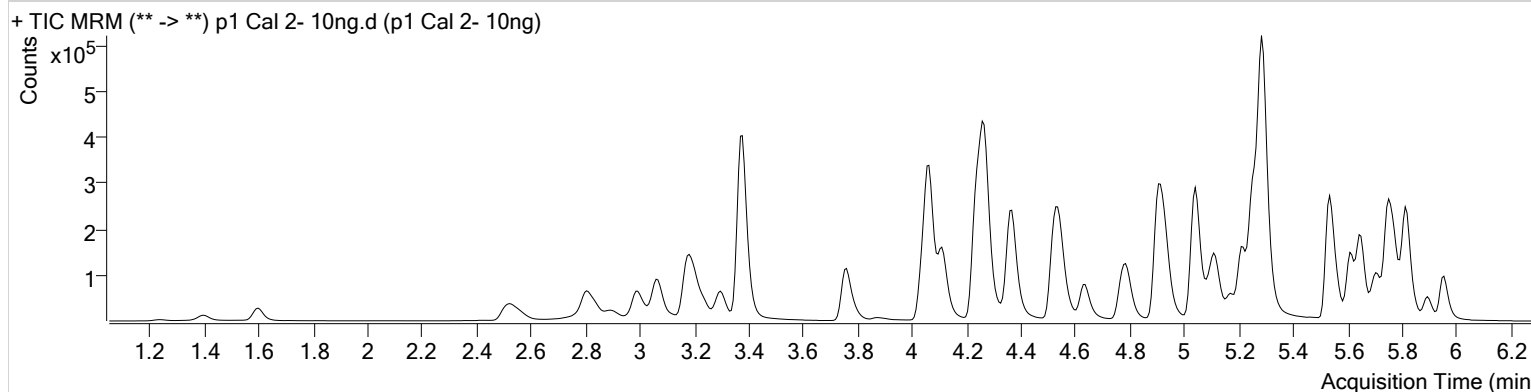


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/20/2020 9:55:33 AM

Instrument	Instrument 1	Data File	p1 Cal 2- 10ng.d
Type	Cal	Sample	p1 Cal 2- 10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-G12	Comment	
Injection Volume	2		
Acq. Date-Time	11/14/2020 8:01:46 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	872	1838.33	82.7	3268.70	12201	0.8911 ng/ml
7-aminoclonazepam	4.277	19956	∞	78.7	290.42	69711	9.5618 ng/ml
a-hydroxyalprazolam	5.695	12696	357.13	69.6	398.09	13350	9.5522 ng/ml
alpha-PHP	4.942	25802	8024.83	284.3	13419.71	474767	10.4944 ng/ml
alpha-PVP	4.376	114260	492.49	46.6	316.81	474767	10.0636 ng/ml
Alprazolam	5.778	36317	∞	105.9	705.23	87075	9.3484 ng/ml
Amphetamine	3.064	167470	3741.23	47.0	3026.07	55065	10.0322 ng/ml
Benzoylcegonine	3.898	2850	2571.99	7.2	195.43	10668	8.8047 ng/ml
Buprenorphine	5.857	2189	6275.43	11.4	939.37	54645	1.0704 ng/ml
Bupropion	4.793	103946	398.39	62.3	1649.47	223741	10.1624 ng/ml
Carisoprodol	5.727	14136	∞	43.5	118.95	72846	10.1082 ng/ml
Citalopram	5.217	61771	578.44	42.0	638.99	295322	10.0622 ng/ml
Clonazepam	5.608	65266	26940.68	32.3	5547.18	49623	10.1581 ng/ml
Cocaine	4.263	93459	23855.08	50.0	12009.73	570008	10.0545 ng/ml
Codeine	2.577	7258	561.98	114.6	18406.76	26748	9.8082 ng/ml
Cyclobenzaprine	5.619	27127	∞	11.7	∞	117776	9.5351 ng/ml
Dextromethorphan	5.266	29488	2120.12	84.4	8940.49	147465	9.8173 ng/ml
Dextrophan	4.117	12649	1366.45	239.9	3708.01	280879	9.6325 ng/ml
Diazepam	5.956	29371	606.98	91.0	219.06	154160	10.2003 ng/ml
Dihydrocodeine	2.555	20797	2981.82	59.3	453.01	96933	10.0687 ng/ml
Diphenhydramine	5.294	100539	207.69	29.1	1336.20	1239237	9.9597 ng/ml
Doxylamine	4.541	153980	8154.26	100.1	34728.47	538957	10.0682 ng/ml
EDDP	5.259	59125	237.03	49.5	543.87	433256	9.6381 ng/ml
Fentanyl	5.107	2648	786.38	54.3	6177.43	138322	1.0453 ng/ml
Fluoxetine	5.703	22966	∞	8.7	7280.86	97999	10.0726 ng/ml
Hydrocodone	3.020	18609	224.70	32.9	68.91	136684	9.6156 ng/ml
Hydromorphone	1.608	17477	173.04	74.7	197.59	51361	9.8436 ng/ml
Ketamine	4.058	75348	1273.62	39.5	593.92	295474	10.3561 ng/ml
Lamotrigine	4.286	4629	1409.07	90.9	3708.96	295474	10.7403 ng/ml
Lorazepam	5.749	77186	1049.45	51.7	530.10	49623	10.3254 ng/ml
MDA	3.211	85958	4719.65	12.4	128.30	81052	10.3356 ng/ml
MDMA	3.304	80929	3890.58	39.9	1215.02	56121	9.8500 ng/ml
Meprobamate	4.923	4183	∞	23.9	134.10	23373	10.3659 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	70961	1815.47	50.0	5095.58	259810	9.9979 ng/ml
Methamphetamine	3.239	40142	1084.10	43.4	1282.59	322237	10.4546 ng/ml
Metoprolol	4.332	11202	19833.89	84.9	∞	634984	10.5648 ng/ml
Mirtazapine	4.636	125394	2170.82	52.6	4562.51	474767	10.2259 ng/ml
Mitragynine	5.235	10894	835.16	37.6	1102.90	259810	10.8761 ng/ml
Morphine	1.246	2526	2176.06	21.4	313.77	4686	9.8315 ng/ml
Norbuprenorphine	4.984	86	26.75	57.6	481.56	3608	0.9482 ng/ml
Nordiazepam	5.903	21549	45403.77	58.3	1575.15	66921	9.7833 ng/ml
Norfentanyl	4.085	16967	1302.17	34.9	200.39	628054	0.9488 ng/ml
Norhydrocodone	3.068	603	112.87	34.7	170.36	10883	9.8311 ng/ml
Noroxycodone	2.911	19055	490.69	47.8	1397.70	44102	9.7892 ng/ml
O-desmethyl-tramadol	3.377	151812	812.05	5.9	913.25	880972	9.9066 ng/ml
Oxazepam	5.753	42075	4411.72	81.4	∞	309893	10.1963 ng/ml
Oxycodone	2.836	54799	1994.75	29.2	1111.15	202979	10.0541 ng/ml
Oxymorphone	1.403	10601	630.50	45.4	396.02	25897	10.5089 ng/ml
Phentermine	3.790	23436	694.31	1.6	80.65	300464	10.3610 ng/ml
Promethazine	5.536	99836	4401.06	29.4	213.52	434895	10.0109 ng/ml
Quetiapine	5.553	55565	∞	58.4	162958.46	61924	9.9718 ng/ml
Sertraline	5.772	12998	157.73	86.8	3741.40	51865	9.9386 ng/ml
Temazepam	5.819	61173	975.18	34.4	290.98	416277	9.7896 ng/ml
Tramadol	4.252	146765	16980.54	3.4	100.74	634984	10.3351 ng/ml
Trazodone	5.168	72203	137493.28	75.2	∞	282854	10.1168 ng/ml
Venlafaxine	5.041	90048	6643.29	35.2	305.22	621783	9.9562 ng/ml
Zolpidem	4.926	135624	40589.14	32.8	12224.03	699449	10.3716 ng/ml

TS



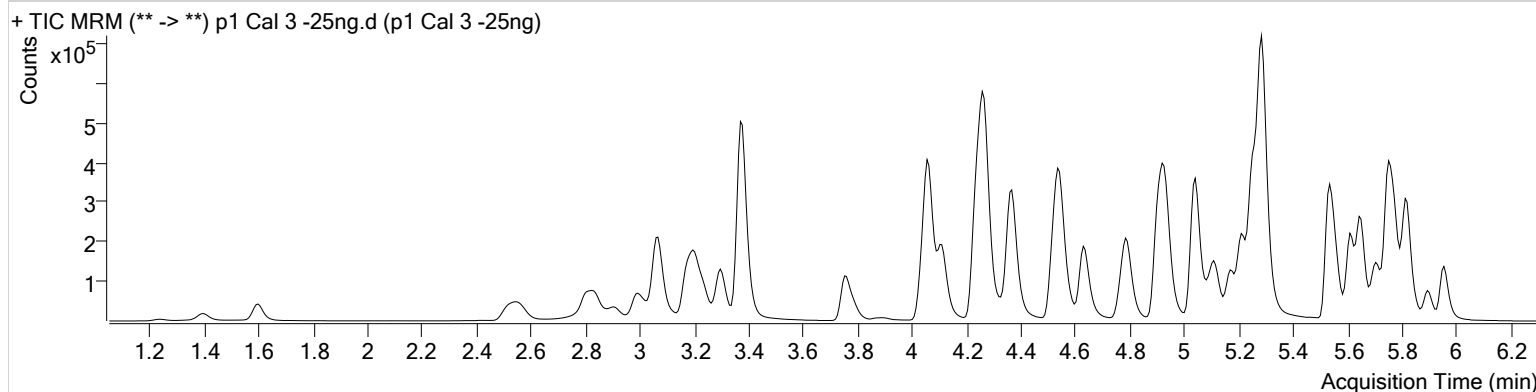
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/20/2020 9:55:33 AM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F12
Injection Volume 2
Acq. Date-Time 11/14/2020 8:12:23 PM
Sample Info.

Data File p1 Cal 3 -25ng.d
Sample p1 Cal 3 -25ng
Operator Tamara Salazar
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	2470	8217.08	72.0	1744.12	12197	2.5747 ng/ml
7-aminoclonazepam	4.277	48049	43241.70	82.0	∞	69123	22.2272 ng/ml
a-hydroxyalprazolam	5.695	32394	2321.74	69.5	2257.58	13566	24.1042 ng/ml
alpha-PHP	4.935	63438	13691.88	282.2	12919.93	476875	26.6530 ng/ml
alpha-PVP	4.376	279635	18777.11	47.3	1138.43	476875	24.5707 ng/ml
Alprazolam	5.778	88969	1335.68	107.4	∞	83174	22.4192 ng/ml
Amphetamine	3.071	403001	25507.29	47.1	11626.20	53740	26.1731 ng/ml
Benzoylcegonine	3.898	7064	∞	7.9	∞	10150	22.6037 ng/ml
Buprenorphine	5.857	4981	24029.03	12.4	1136.10	54485	2.4094 ng/ml
Bupropion	4.793	253417	1386.97	62.2	5722.33	222554	25.1461 ng/ml
Carisoprodol	5.727	34523	495.58	43.9	240.06	73864	24.9224 ng/ml
Citalopram	5.217	145440	785.51	43.1	∞	289171	24.3732 ng/ml
Clonazepam	5.608	159210	6673.32	32.7	139227.40	49355	26.0475 ng/ml
Cocaine	4.263	224238	21110.94	52.7	5433.96	562054	24.5154 ng/ml
Codeine	2.577	17754	293.56	113.6	214.93	27023	24.8083 ng/ml
Cyclobenzaprine	5.619	63687	4544.94	11.4	493.81	111148	22.6347 ng/ml
Dextromethorphan	5.260	71181	39370.80	83.4	2595.69	141368	24.3916 ng/ml
Dextrorphan	4.111	31094	5992.28	241.3	1832.08	284947	22.7234 ng/ml
Diazepam	5.956	72368	4137.91	92.9	853.71	158031	24.8997 ng/ml
Dihydrocodeine	2.549	51520	112000.68	61.3	910.26	97323	26.1336 ng/ml
Diphenhydramine	5.287	244809	405.57	29.2	48203.55	1222019	24.9469 ng/ml
Doxylamine	4.541	376060	∞	100.0	30200.80	538209	25.0207 ng/ml
EDDP	5.252	157354	502.01	48.7	6787.20	457778	24.3485 ng/ml
Fentanyl	5.107	6096	656.42	58.6	∞	137741	2.3825 ng/ml
Fluoxetine	5.703	53524	19777.43	8.4	∞	93065	25.0656 ng/ml
Hydrocodone	3.020	50017	208.18	29.6	118.97	137814	27.4084 ng/ml
Hydromorphone	1.601	43793	1591.83	73.4	562.11	49915	25.9916 ng/ml
Ketamine	4.058	183434	1292.61	40.4	2599.39	305771	25.5234 ng/ml
Lamotrigine	4.280	10696	1526.77	88.2	∞	305771	25.0550 ng/ml
Lorazepam	5.749	189239	564.20	51.4	810.12	49355	26.1050 ng/ml
MDA	3.204	212251	7350.13	12.5	1726.03	82621	26.7275 ng/ml
MDMA	3.298	202208	43370.26	39.5	4540.40	56538	24.9590 ng/ml
Meprobamate	4.923	10235	12514.27	22.5	165.28	24163	26.1363 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	172955	37350.10	48.8	523.13	256152	24.6710 ng/ml
Methamphetamine	3.239	94872	350.70	43.4	650.98	310583	27.8448 ng/ml
Metoprolol	4.325	26834	∞	88.6	∞	647451	26.5046 ng/ml
Mirtazapine	4.629	306197	5337.37	53.0	18515.87	476875	23.4636 ng/ml
Mitragynine	5.235	26098	3282.33	36.1	6072.47	256152	27.3380 ng/ml
Morphine	1.246	6403	229.68	20.4	286.31	4772	24.7231 ng/ml
Norbuprenorphine	4.991	219	869.55	77.7	452.33	3446	2.7338 ng/ml
Nordiazepam	5.903	53501	759.00	59.6	329.83	66191	25.0462 ng/ml
Norfentanyl	4.085	43375	25349.22	33.9	417.29	628816	2.3247 ng/ml
Norhydrocodone	3.061	1414	148.62	45.7	∞	10302	22.1090 ng/ml
Noroxycodone	2.911	48847	1185.43	44.2	450.84	44875	24.8377 ng/ml
O-desmethyl-tramadol	3.377	376536	10935.71	6.0	∞	890928	24.7141 ng/ml
Oxazepam	5.753	103046	1045.60	78.3	2279.98	303651	26.3706 ng/ml
Oxycodone	2.836	135416	2013.21	28.0	1189.82	202244	25.6823 ng/ml
Oxymorphone	1.396	25216	718.75	45.4	180.19	27196	24.7976 ng/ml
Phentermine	3.790	56335	1441.97	1.5	35.82	297960	26.5335 ng/ml
Promethazine	5.536	229784	1728.05	30.5	1561.55	413852	24.4541 ng/ml
Quetiapine	5.553	132090	∞	58.6	∞	60408	24.9570 ng/ml
Sertraline	5.772	29725	∞	89.6	208.27	49212	24.2912 ng/ml
Temazepam	5.819	155684	1757.13	34.1	261.41	417634	25.5011 ng/ml
Tramadol	4.252	354536	12888.73	3.4	151.75	647451	25.5681 ng/ml
Trazodone	5.168	175571	33377.13	76.8	∞	280700	25.4972 ng/ml
Venlafaxine	5.041	222668	949.00	35.2	5854.52	621360	24.6528 ng/ml
Zolpidem	4.926	334606	1305.26	33.0	∞	707058	26.7484 ng/ml

TS



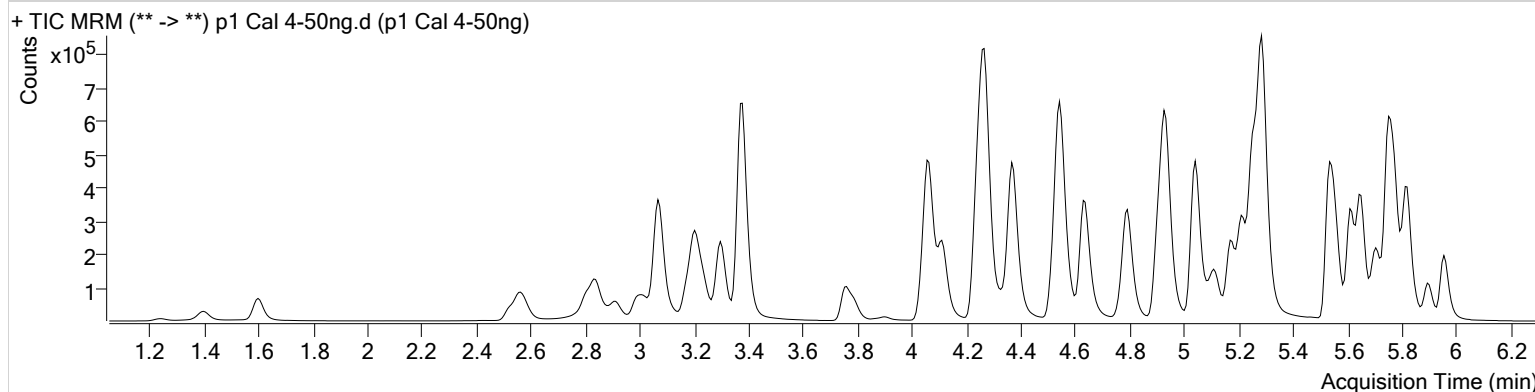
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/20/2020 9:55:33 AM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-E12
Injection Volume 2
Acq. Date-Time 11/14/2020 8:22:58 PM
Sample Info.

Data File p1 Cal 4-50ng.d
Sample p1 Cal 4-50ng
Operator Tamara Salazar
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	5086	3675.12	63.9	8281.62	12172	5.3425 ng/ml
7-aminoclonazepam	4.277	95126	11235.42	81.3	∞	63589	47.0351 ng/ml
a-hydroxyalprazolam	5.695	63820	2143.26	70.6	930.50	12608	51.1878 ng/ml
alpha-PHP	4.942	121180	∞	284.6	∞	448563	54.8142 ng/ml
alpha-PVP	4.376	537704	770.81	47.9	90920.37	448563	50.2654 ng/ml
Alprazolam	5.778	177788	1404.72	105.7	552.33	78028	46.6312 ng/ml
Amphetamine	3.071	683625	21163.97	46.7	∞	44137	55.1010 ng/ml
Benzoylcegonine	3.898	14779	3703.43	7.6	138.71	9839	48.5462 ng/ml
Buprenorphine	5.857	9625	74848.77	12.3	2760.68	52850	4.7744 ng/ml
Bupropion	4.793	469314	4014.62	62.4	1024.58	198993	52.2591 ng/ml
Carisoprodol	5.727	68587	1770.76	46.3	∞	69871	52.7924 ng/ml
Citalopram	5.217	288514	14724.06	43.0	7293.66	276206	50.7558 ng/ml
Clonazepam	5.608	323331	29707.45	31.3	257.91	48259	54.9394 ng/ml
Cocaine	4.263	455814	40073.34	51.3	17895.44	551250	50.8472 ng/ml
Codeine	2.583	35560	2097.56	110.9	18456.51	26391	51.6669 ng/ml
Cyclobenzaprine	5.619	119039	35815.56	11.3	777.56	100335	46.0853 ng/ml
Dextromethorphan	5.260	139544	3124.24	82.0	11432.27	133673	50.3380 ng/ml
Dextrophan	4.117	64060	1356.18	230.6	1329.33	273046	48.3568 ng/ml
Diazepam	5.956	144433	543.61	91.3	889.68	151765	52.0407 ng/ml
Dihydrocodeine	2.555	104561	7247.60	60.3	1116.21	97032	54.1086 ng/ml
Diphenhydramine	5.294	480729	633.37	29.4	180.56	1165956	51.5980 ng/ml
Doxylamine	4.541	767241	98134.48	99.9	42774.72	531925	51.9429 ng/ml
EDDP	5.252	313775	2907.02	48.7	211.15	441563	50.3860 ng/ml
Fentanyl	5.107	11926	7906.27	54.3	12518.71	129278	4.9386 ng/ml
Fluoxetine	5.703	105468	∞	8.8	17130.09	90983	50.7630 ng/ml
Hydrocodone	3.020	97139	442.17	31.6	129.47	136382	54.8158 ng/ml
Hydromorphone	1.601	87087	1042.61	73.7	1298.46	49540	52.4687 ng/ml
Ketamine	4.058	357971	49012.24	40.7	507.14	292310	52.9960 ng/ml
Lamotrigine	4.286	21475	3118.00	91.0	10044.69	292310	53.5803 ng/ml
Lorazepam	5.749	361533	1849.76	51.3	∞	48259	51.4291 ng/ml
MDA	3.204	418935	12479.86	12.2	1722.92	79668	55.9537 ng/ml
MDMA	3.298	410396	73815.76	38.7	15831.31	54690	52.7615 ng/ml
Meprobamate	4.923	19483	6589.41	22.6	134.63	22785	53.9498 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	336419	3745.83	48.5	1261.36	245673	50.0037 ng/ml
Methamphetamine	3.239	134450	2464.43	43.5	183.70	230734	54.4977 ng/ml
Metoprolol	4.332	53378	23999.43	88.2	∞	644458	54.2154 ng/ml
Mirtazapine	4.629	606137	53322.35	53.4	124213.34	448563	48.3015 ng/ml
Mitragynine	5.235	49571	5691.57	37.6	∞	245673	54.7668 ng/ml
Morphine	1.246	13173	4038.21	19.4	700.94	4613	52.8071 ng/ml
Norbuprenorphine	4.991	339	672.62	76.3	348.43	3373	4.4013 ng/ml
Nordiazepam	5.903	104606	1034.77	59.7	10621.28	62945	51.8384 ng/ml
Norfentanyl	4.085	84861	303.70	34.0	37.82	601465	4.6890 ng/ml
Norhydrocodone	3.068	2813	113.81	44.3	54.77	10081	43.4001 ng/ml
Noroxycodone	2.911	99422	2350.10	46.3	17.06	42824	53.1042 ng/ml
O-desmethyl-tramadol	3.377	769609	5831.09	6.0	654.21	890222	50.8541 ng/ml
Oxazepam	5.753	199723	9552.84	79.4	2119.81	283302	55.4191 ng/ml
Oxycodone	2.836	271776	7257.84	28.8	1565.91	202279	52.0426 ng/ml
Oxymorphone	1.396	50298	370.78	43.9	865.69	26202	52.1826 ng/ml
Phentermine	3.790	102245	2549.69	1.5	87.43	265187	55.1430 ng/ml
Promethazine	5.536	447954	898481.58	30.2	506.21	396491	49.9356 ng/ml
Quetiapine	5.553	268320	23585.68	56.5	265511.96	58283	53.0499 ng/ml
Sertraline	5.772	61910	1218.87	89.3	965.91	48694	51.3953 ng/ml
Temazepam	5.820	310712	11875.80	33.5	1410.63	414096	51.7696 ng/ml
Tramadol	4.252	707900	29945.86	3.4	475.66	644458	52.0843 ng/ml
Trazodone	5.168	346130	∞	77.0	∞	271946	52.3896 ng/ml
Venlafaxine	5.041	459390	2193.12	34.6	4404.37	612180	51.6362 ng/ml
Zolpidem	4.926	676771	124400.90	32.6	464.70	704246	55.3439 ng/ml

TS



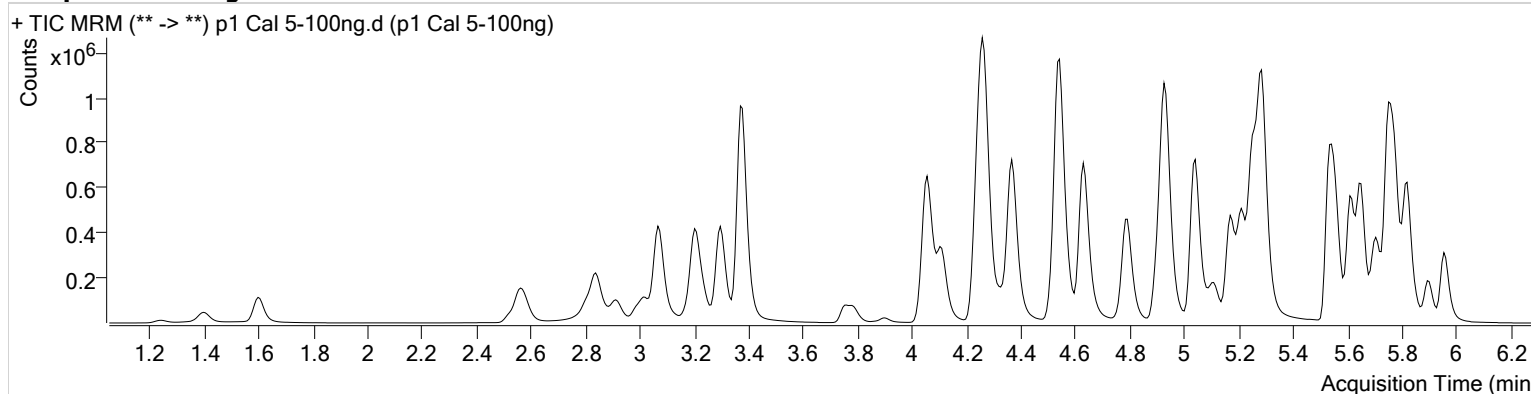
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/20/2020 9:55:33 AM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-D12
Injection Volume 2
Acq. Date-Time 11/14/2020 8:33:36 PM
Sample Info.

Data File p1 Cal 5-100ng.d
Sample p1 Cal 5-100ng
Operator Tamara Salazar
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	10005	1188.07	69.7	3010.64	12898	9.9424 ng/ml
7-aminoclonazepam	4.271	172515	5134.61	81.9	51757.55	56331	95.5651 ng/ml
a-hydroxyalprazolam	5.695	121785	460.93	68.0	8567.16	11592	106.3232 ng/ml
alpha-PHP	4.935	223213	6653.70	281.8	∞	415839	109.5711 ng/ml
alpha-PVP	4.369	997108	80312.37	47.2	1924.05	415839	100.5815 ng/ml
Alprazolam	5.778	338577	1738.57	103.7	1178.59	72648	94.3393 ng/ml
Amphetamine	3.071	806013	∞	45.8	10211.31	27493	105.1725 ng/ml
Benzoylecgonine	3.898	32948	4674.97	7.6	1119.31	10213	104.0243 ng/ml
Buprenorphine	5.857	18606	∞	12.3	6498.35	52551	9.2571 ng/ml
Bupropion	4.793	693443	2367.92	63.4	464.28	153569	100.2065 ng/ml
Carisoprodol	5.727	128910	859.09	44.6	1189.80	67087	103.7327 ng/ml
Citalopram	5.210	557861	1151.87	42.4	1943.46	269214	100.8128 ng/ml
Clonazepam	5.608	597907	15111.80	32.1	616.03	46682	105.7379 ng/ml
Cocaine	4.263	868311	46657.93	50.8	1169.65	531075	100.5759 ng/ml
Codeine	2.583	71213	4091.57	108.8	7853.23	25347	108.5376 ng/ml
Cyclobenzaprine	5.619	252353	∞	10.9	1048.49	102883	94.4988 ng/ml
Dextromethorphan	5.260	254974	1271.72	82.2	495.91	124968	98.1773 ng/ml
Dextrorphan	4.111	127027	195856.36	226.5	4580.58	269544	96.6977 ng/ml
Diazepam	5.956	280268	645.14	91.7	5306.12	148065	103.7765 ng/ml
Dihydrocodeine	2.555	200413	22626.45	63.1	6931.05	98114	103.3555 ng/ml
Diphenhydramine	5.287	906556	41409.34	29.4	12808.99	1122667	101.2859 ng/ml
Doxylamine	4.541	1511553	103370.52	99.2	∞	527818	103.4005 ng/ml
EDDP	5.252	596768	28189.41	48.2	21425.52	428916	98.6997 ng/ml
Fentanyl	5.107	25484	∞	52.5	27212.77	136464	9.9704 ng/ml
Fluoxetine	5.703	248870	206.47	8.8	136.69	109526	99.7333 ng/ml
Hydrocodone	3.020	192460	∞	31.2	259.93	138553	107.9170 ng/ml
Hydromorphone	1.601	168344	8236.21	73.4	1127.56	49471	101.9293 ng/ml
Ketamine	4.050	693898	19795.93	40.8	988.21	290037	104.3521 ng/ml
Lamotrigine	4.280	39718	2982.85	93.5	1029.69	290037	100.6247 ng/ml
Lorazepam	5.749	622275	∞	52.5	5762.01	46682	91.8579 ng/ml
MDA	3.204	758632	24259.52	12.1	2880.81	76197	107.0022 ng/ml
MDMA	3.298	779541	68307.50	39.0	4228.09	53806	102.1981 ng/ml
Meprobamate	4.923	34517	11190.68	22.1	606.31	22131	99.3706 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	652043	779.68	48.3	53726.66	241366	98.6163 ng/ml
Methamphetamine	3.239	104793	2372.07	44.6	4666.27	101205	98.0227 ng/ml
Metoprolol	4.325	102087	153604.13	90.4	∞	622122	108.6364 ng/ml
Mirtazapine	4.629	1193857	65028.35	52.3	76249.10	415839	101.5245 ng/ml
Mitragynine	5.235	92260	3465.89	37.7	5192.72	241366	104.3182 ng/ml
Morphine	1.246	25490	2813.07	19.5	∞	4620	102.1869 ng/ml
Norbuprenorphine	4.991	743	2527.81	59.5	178.31	3186	10.3778 ng/ml
Nordiazepam	5.903	204354	6569.46	58.4	5016.07	61574	103.8478 ng/ml
Norfentanyl	4.085	155465	78716.89	34.7	2423.81	556288	9.2259 ng/ml
Norhydrocodone	3.068	5853	93.95	39.6	36.31	9771	91.4353 ng/ml
Noroxycodone	2.911	188488	3435.37	47.4	5990.21	41778	103.3087 ng/ml
O-desmethyl-tramadol	3.377	1511270	79282.47	6.1	1517.85	880897	101.2015 ng/ml
Oxazepam	5.753	361298	26831.41	77.0	2006.87	268198	106.4369 ng/ml
Oxycodone	2.836	532045	11667.60	28.5	2608.02	200559	103.2468 ng/ml
Oxymorphone	1.396	98344	∞	44.1	∞	25780	104.4750 ng/ml
Phentermine	3.790	138087	2472.58	1.6	206.95	195255	101.9776 ng/ml
Promethazine	5.536	958177	1545.46	30.0	44287.21	422433	100.4245 ng/ml
Quetiapine	5.553	513437	25546.48	58.7	395636.98	57367	103.5648 ng/ml
Sertraline	5.772	159546	324.39	90.9	56781.64	65982	97.9616 ng/ml
Temazepam	5.820	619727	7337.52	34.1	2991.62	421456	101.8701 ng/ml
Tramadol	4.245	1391049	126326.95	3.5	2648.98	622122	106.8407 ng/ml
Trazodone	5.168	707167	∞	77.0	∞	283735	103.0561 ng/ml
Venlafaxine	5.041	913244	62557.73	34.6	1745.96	632408	99.3773 ng/ml
Zolpidem	4.926	1310290	130425.40	32.5	∞	696941	109.2269 ng/ml

AM #28 Multi-Drug Quant. Results



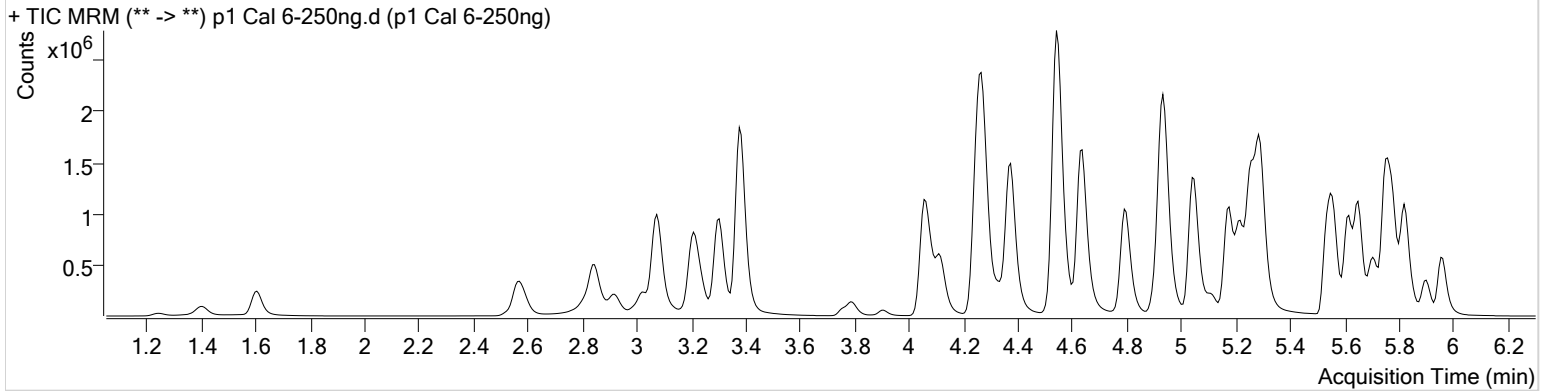
TS

Batch results D:\MassHunter\Data\2020\AM 27-28\111420 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 11/20/2020 9:55:33 AM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-C12
Injection Volume 2
Acq. Date-Time 11/14/2020 8:44:12 PM
Sample Info.

Data File p1 Cal 6-250ng.d
Sample p1 Cal 6-250ng
Operator Tamara Salazar
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.139	25833	11305.97	68.9	2722.65	13305	24.9290 ng/ml
7-aminoclonazepam	4.277	349759	6193.75	81.9	20503.33	43180	251.6140 ng/ml
a-hydroxyalprazolam	5.695	277817	765.10	70.2	874.40	10737	261.9815 ng/ml
alpha-PHP	4.942	488903	3755.66	282.3	117412.97	398016	251.5991 ng/ml
alpha-PVP	4.376	2377265	69392.00	48.2	24048.59	398016	250.5933 ng/ml
Alprazolam	5.778	762249	∞	103.0	1924.71	58994	259.7847 ng/ml
Amphetamine	3.078	1942069	747.80	47.0	28894.52	28468	246.0299 ng/ml
Benzoylcegonine	3.905	92219	19360.82	7.7	831.43	10458	283.9781 ng/ml
Buprenorphine	5.857	41324	2371.30	12.5	∞	43501	24.7945 ng/ml
Bupropion	4.793	1659864	3435.50	63.0	1138.51	148062	249.0241 ng/ml
Carisoprodol	5.727	272805	539.91	45.4	1789.46	59982	246.0889 ng/ml
Citalopram	5.217	1190340	67221.35	42.2	1177.67	231714	250.1101 ng/ml
Clonazepam	5.615	1314302	2830.16	32.1	169295.58	42725	255.0500 ng/ml
Cocaine	4.270	1950125	42814.13	50.4	59921.36	479816	250.0648 ng/ml
Codeine	2.583	161491	9117.43	108.3	10512.34	24371	257.0071 ng/ml
Cyclobenzaprine	5.619	344624	1049.86	11.0	461.11	53177	248.4837 ng/ml
Dextromethorphan	5.266	481001	21084.31	82.1	49438.25	92098	250.9731 ng/ml
Dextrorphan	4.117	303642	122689.90	224.6	116584.55	249061	249.4660 ng/ml
Diazepam	5.963	622183	19406.37	91.9	44720.94	136212	250.8119 ng/ml
Dihydrocodeine	2.562	485020	1002.26	61.2	2949.48	100086	246.4073 ng/ml
Diphenhydramine	5.294	1941276	74340.98	30.0	258.08	968413	251.7952 ng/ml
Doxylamine	4.541	3801398	214607.44	98.1	134688.02	533084	257.8825 ng/ml
EDDP	5.259	1418674	49573.53	47.4	13039.44	404812	248.6776 ng/ml
Fentanyl	5.107	47726	390.48	54.8	∞	102184	24.8973 ng/ml
Fluoxetine	5.703	217857	131195.11	9.0	13931.90	39132	244.7022 ng/ml
Hydrocodone	3.020	456035	∞	32.1	∞	138236	257.7631 ng/ml
Hydromorphone	1.608	389090	∞	74.1	499.09	47635	245.2080 ng/ml
Ketamine	4.058	1661525	68710.49	40.9	10971.69	286173	254.4663 ng/ml
Lamotrigine	4.286	86113	4134.39	89.2	19184.61	286173	222.1534 ng/ml
Lorazepam	5.749	1074301	3066.63	51.8	3848.04	42725	173.6663 ng/ml
MDA	3.211	1624488	97677.03	11.5	3744.05	69275	253.6327 ng/ml
MDMA	3.304	1869981	35334.74	37.4	38635.54	51463	256.8574 ng/ml
Meprobamate	4.930	61917	5605.23	22.3	∞	18092	219.4464 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	1343605	35890.23	48.9	34912.94	196478	249.5886 ng/ml
Methamphetamine	3.239	248657	5012.18	44.3	3039.80	97429	243.8362 ng/ml
Metoprolol	4.332	228122	∞	92.8	∞	598373	254.0460 ng/ml
Mirtazapine	4.636	2806413	∞	52.0	100272.98	398016	247.9212 ng/ml
Mitragynine	5.235	166125	13201.64	38.1	7800.71	196478	231.5240 ng/ml
Morphine	1.246	60681	2268.19	20.3	267.98	4460	252.2695 ng/ml
Norbuprenorphine	4.991	1585	3610.86	64.2	2313.41	2721	26.1024 ng/ml
Nordiazepam	5.903	445538	576.66	59.4	1235.94	54969	254.0870 ng/ml
Norfentanyl	4.085	394015	32401.84	34.9	1843.89	529056	24.4810 ng/ml
Norhydrocodone	3.068	14882	435.53	41.3	78.97	8421	266.8098 ng/ml
Noroxycodone	2.918	429700	2708.68	46.8	726.63	39130	251.6165 ng/ml
O-desmethyl-tramadol	3.377	3724186	118171.02	6.2	1758.01	867577	253.6488 ng/ml
Oxazepam	5.753	682739	24066.56	78.9	9324.77	207481	260.8438 ng/ml
Oxycodone	2.843	1337874	5747.64	28.4	7987.80	205798	253.7465 ng/ml
Oxymorphone	1.403	223087	∞	45.2	∞	23451	261.7133 ng/ml
Phentermine	3.797	312148	2579.17	1.5	1123.37	181583	249.3038 ng/ml
Promethazine	5.536	1331868	2150.46	30.3	∞	237084	248.9709 ng/ml
Quetiapine	5.559	1197095	59430.45	58.9	∞	54756	253.6393 ng/ml
Sertraline	5.772	104199	8332.05	88.1	316.25	16292	259.5022 ng/ml
Temazepam	5.819	1435275	40114.35	32.9	1104.50	393778	253.1542 ng/ml
Tramadol	4.252	3227442	67864.09	3.5	3016.36	598373	258.8418 ng/ml
Trazodone	5.175	1590822	1576.25	77.8	1169.51	271238	243.1738 ng/ml
Venlafaxine	5.041	2210327	140543.96	34.4	18288.95	608730	249.8956 ng/ml
Zolpidem	4.926	3038888	213035.57	32.2	89061.81	700732	253.2559 ng/ml

AM #28 Multi-Drug Quant. Results

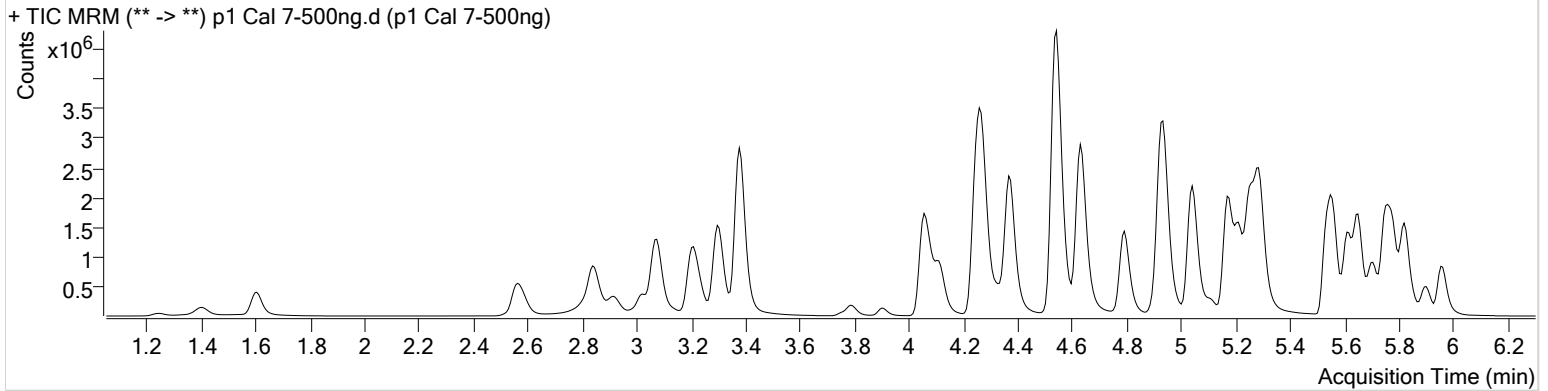


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Calibration Last Update 11/20/2020 9:55:33 AM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-B12
Injection Volume 2
Acq. Date-Time 11/14/2020 8:54:47 PM
Sample Info.

Data File p1 Cal 7-500ng.d
Sample p1 Cal 7-500ng
Operator Tamara Salazar
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	50841	7923.22	67.9	531.91	13164	49.6150 ng/ml
7-aminoclonazepam	4.284	473665	34914.79	82.6	18632.99	27471	534.8342 ng/ml
a-hydroxyalprazolam	5.695	438670	697.48	69.4	562.80	8867	500.9711 ng/ml
alpha-PHP	4.942	745961	11189.01	283.3	134275.84	335980	455.3064 ng/ml
alpha-PVP	4.369	3977182	1610.91	48.3	29468.90	335980	496.6890 ng/ml
Alprazolam	5.778	1211300	4122.78	102.7	∞	45119	538.7064 ng/ml
Amphetamine	3.078	2631540	627.79	46.8	47029.25	20295	468.5055 ng/ml
Benzoylecgonine	3.898	226785	284.70	7.6	342.03	10831	674.0562 ng/ml
Buprenorphine	5.857	71693	15598.85	12.1	11100.74	36325	51.4868 ng/ml
Bupropion	4.793	2285050	237758.81	63.0	35980.17	104615	485.3483 ng/ml
Carisoprodol	5.727	398802	∞	45.3	3378.18	44549	484.7633 ng/ml
Citalopram	5.210	1988433	2172.09	41.6	16100.32	194317	498.3375 ng/ml
Clonazepam	5.615	1926120	∞	32.0	∞	33227	481.3213 ng/ml
Cocaine	4.263	3210575	107540.48	50.9	34751.57	399501	494.4930 ng/ml
Codeine	2.583	265377	∞	106.2	∞	21225	485.5997 ng/ml
Cyclobenzaprine	5.619	614755	15900.63	10.8	1025.54	44154	532.9894 ng/ml
Dextromethorphan	5.260	733348	21536.59	82.9	1395.36	69323	508.1317 ng/ml
Dextrorphan	4.117	535307	259669.44	219.9	46105.86	210146	520.7670 ng/ml
Diazepam	5.963	999199	4435.83	92.9	∞	113457	483.8330 ng/ml
Dihydrocodeine	2.555	824299	640.36	62.7	1703.96	96811	433.6069 ng/ml
Diphenhydramine	5.294	3177834	139532.55	31.1	17829.41	827400	482.6534 ng/ml
Doxylamine	4.541	6881274	127290.75	98.2	133505.49	505339	492.6978 ng/ml
EDDP	5.252	2387712	29694.33	46.3	231.13	334205	507.0114 ng/ml
Fentanyl	5.107	92318	∞	53.1	118699.85	96654	50.8879 ng/ml
Fluoxetine	5.703	412401	25876.60	8.7	11680.93	36429	497.8333 ng/ml
Hydrocodone	3.020	753031	∞	34.6	648.97	130389	452.0506 ng/ml
Hydromorphone	1.608	688008	∞	73.9	∞	42240	489.3545 ng/ml
Ketamine	4.058	2888816	5466.68	41.6	39752.88	264105	480.1569 ng/ml
Lamotrigine	4.286	123436	15370.67	90.5	16553.18	264105	345.5275 ng/ml
Lorazepam	5.743	1242986	∞	52.7	4934.47	33227	258.5943 ng/ml
MDA	3.211	2470879	1099.01	11.2	469.28	58582	457.1485 ng/ml
MDMA	3.298	3148633	170543.15	37.4	61709.77	45180	492.9567 ng/ml
Meprobamate	4.923	81307	3270.43	22.1	1267.91	16073	324.9193 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	2286139	5675.87	48.8	138753.01	169272	492.9005 ng/ml
Methamphetamine	3.239	266742	4406.65	44.0	3872.07	54667	467.5646 ng/ml
Metoprolol	4.332	373150	610552.44	95.1	∞	534178	466.5330 ng/ml
Mirtazapine	4.629	5088182	295528.31	51.6	150073.47	335980	531.3700 ng/ml
Mitragynine	5.235	254761	115123.49	37.5	6331.00	169272	412.6169 ng/ml
Morphine	1.246	111462	4436.18	19.7	2049.07	4122	501.5324 ng/ml
Norbuprenorphine	4.991	2832	14163.77	64.6	12167.36	2510	50.6835 ng/ml
Nordiazepam	5.903	690565	∞	58.8	1018.83	44460	487.2104 ng/ml
Norfentanyl	4.085	692665	63570.90	34.8	16094.96	429767	52.9062 ng/ml
Norhydrocodone	3.068	31351	∞	42.0	639.97	7571	623.1204 ng/ml
Noroxycodone	2.918	690138	2715.53	47.4	1458.88	32339	489.0963 ng/ml
O-desmethyl-tramadol	3.377	6532383	1336.01	6.2	111962.87	777071	497.0059 ng/ml
Oxazepam	5.753	807015	23101.84	80.0	14795.41	139987	457.4238 ng/ml
Oxycodone	2.836	2422327	17510.04	28.3	∞	193156	489.9665 ng/ml
Oxymorphone	1.403	395780	∞	42.4	∞	22141	492.4700 ng/ml
Phentermine	3.790	445980	9765.54	1.4	775.38	139947	463.0122 ng/ml
Promethazine	5.536	2417081	95635.31	29.9	120888.80	212073	505.2960 ng/ml
Quetiapine	5.553	2149284	120055.80	60.7	193918.00	51098	488.4071 ng/ml
Sertraline	5.772	196602	∞	88.3	637.67	15862	503.1178 ng/ml
Temazepam	5.819	2324031	137092.64	33.4	890.93	332002	486.5871 ng/ml
Tramadol	4.245	5351509	∞	3.5	9467.79	534178	481.4488 ng/ml
Trazodone	5.168	3121480	1967.09	77.2	∞	277911	466.1415 ng/ml
Venlafaxine	5.041	3982589	121391.36	34.2	1896.70	554190	494.5876 ng/ml
Zolpidem	4.926	5176513	165804.97	31.6	1045.73	654180	462.9222 ng/ml

AM #28 Multi-Drug Quant. Results

TS

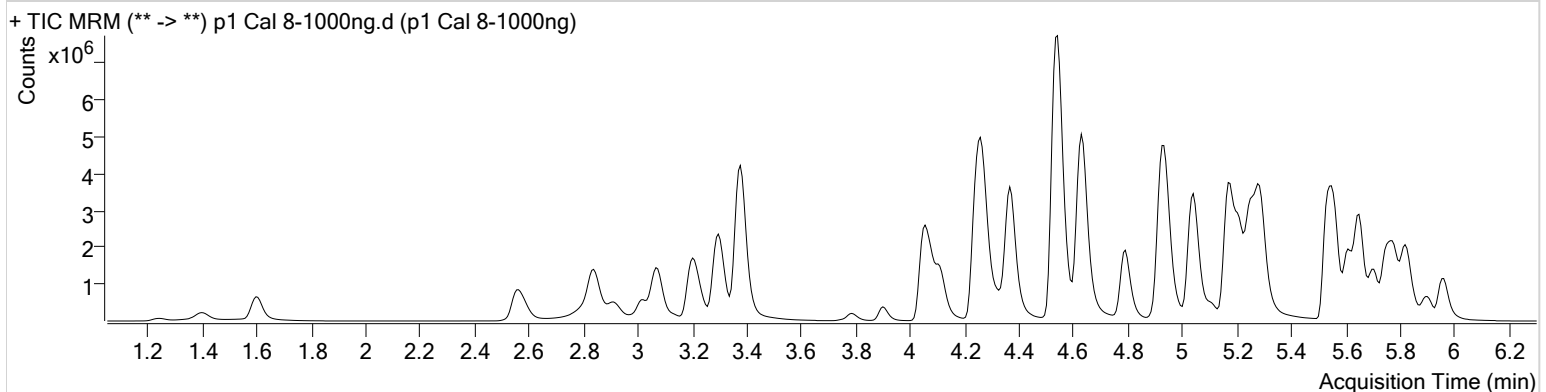


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Calibration Last Update 11/20/2020 9:55:33 AM

Instrument Instrument 1
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-A12
Injection Volume 2
Acq. Date-Time 11/14/2020 9:05:23 PM
Sample Info.

Data File p1 Cal 8-1000ng.d
Sample p1 Cal 8-1000ng
Operator Tamara Salazar
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.132	102609	1419.75	69.1	3336.43	13390	98.4721 ng/ml
7-aminoclonazepam	4.284	566101	6380.56	81.9	11203.11	15508	1131.4963 ng/ml
a-hydroxyalprazolam	5.695	615085	349.21	68.7	3435.81	6768	920.3159 ng/ml
alpha-PHP	4.942	1086399	86879.46	286.9	101177.99	269844	826.1565 ng/ml
alpha-PVP	4.369	6459957	3946.08	48.3	163054.31	269844	1004.5103 ng/ml
Alprazolam	5.778	1822704	∞	101.8	1013.18	32766	1115.1612 ng/ml
Amphetamine	3.071	2906380	80892.74	46.6	2668.89	11715	897.3034 ng/ml
Benzoylcegonine	3.898	672868	88193.10	7.4	6244.06	11285	1919.0317 ng/ml
Buprenorphine	5.857	143784	208682.80	11.7	∞	34593	108.3988 ng/ml
Bupropion	4.793	3086233	89251.69	62.2	34158.63	70182	977.3020 ng/ml
Carisoprodol	5.727	536824	281298.53	45.6	9321.41	30400	956.6360 ng/ml
Citalopram	5.210	3365885	96295.05	41.9	11822.99	164188	998.4741 ng/ml
Clonazepam	5.608	2284084	49711.78	32.5	67544.91	22823	831.5035 ng/ml
Cocaine	4.263	5068147	143365.47	51.1	109415.54	311013	1002.7228 ng/ml
Codeine	2.583	430599	∞	108.0	22439.48	18489	905.1836 ng/ml
Cyclobenzaprine	5.619	1305940	724.33	10.7	∞	42951	1163.1036 ng/ml
Dextromethorphan	5.260	1152763	13505.83	81.1	28663.41	54272	1020.0201 ng/ml
Dextrophan	4.111	989042	71382.27	216.7	120005.47	181471	1113.7184 ng/ml
Diazepam	5.963	1564393	7672.31	91.7	4942.73	90573	949.1575 ng/ml
Dihydrocodeine	2.555	1372375	336.43	63.2	6059.58	98300	711.5402 ng/ml
Diphenhydramine	5.287	5421475	95972.68	31.3	29458.73	688360	989.9926 ng/ml
Doxylamine	4.542	12081981	192593.03	97.9	213018.45	479578	911.7690 ng/ml
EDDP	5.252	3963351	42360.98	45.5	59947.34	271546	1035.8303 ng/ml
Fentanyl	5.107	222173	∞	53.2	532569.63	116548	101.5370 ng/ml
Fluoxetine	5.703	849139	198677.24	8.8	15262.57	37048	1008.1682 ng/ml
Hydrocodone	3.020	1369619	913.20	33.9	∞	127161	843.9805 ng/ml
Hydromorphone	1.601	1206321	∞	74.2	∞	38046	952.9544 ng/ml
Ketamine	4.058	4828938	121204.63	41.3	59259.60	237996	891.4124 ng/ml
Lamotrigine	4.286	165691	7592.07	90.8	∞	237996	515.1166 ng/ml
Lorazepam	5.743	1261739	∞	51.9	5062.45	22823	382.3564 ng/ml
MDA	3.204	3921163	86180.48	11.0	11241.29	51638	823.9807 ng/ml
MDMA	3.298	5114968	128675.34	37.3	21663.20	39132	924.9121 ng/ml
Meprobamate	4.916	90422	9227.60	22.2	571.55	14240	408.1705 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.650	4326803	1039.90	48.8	51970.78	151892	1039.5807 ng/ml
Methamphetamine	3.239	218613	7870.37	44.6	1766.40	23006	912.0032 ng/ml
Metoprolol	4.332	580383	1879355.15	95.8	∞	476043	815.1735 ng/ml
Mirtazapine	4.629	9496169	144323.78	51.9	249178.79	269844	1233.4696 ng/ml
Mitragynine	5.228	414918	36181.71	37.2	18461.77	151892	749.4216 ng/ml
Morphine	1.246	193351	1321.13	20.6	1565.22	3841	933.7213 ng/ml
Norbuprenorphine	4.991	5592	9587.00	64.3	86639.18	2560	98.2531 ng/ml
Nordiazepam	5.903	1004090	33200.69	59.3	633.81	33207	948.7578 ng/ml
Norfentanyl	4.085	1193752	59493.17	35.2	58729.71	333305	117.4908 ng/ml
Norhydrocodone	3.061	83834	∞	41.7	579.07	7185	1753.1550 ng/ml
Noroxycodone	2.911	1096392	∞	46.8	∞	26638	943.3944 ng/ml
O-desmethyl-tramadol	3.377	11126641	544889.23	6.4	17019.64	672443	978.5484 ng/ml
Oxazepam	5.753	807061	∞	77.2	∞	77331	828.5691 ng/ml
Oxycodone	2.836	4473579	6653.15	28.5	6737.67	191614	912.5923 ng/ml
Oxymorphone	1.396	667175	684.09	43.6	∞	21201	867.5624 ng/ml
Phentermine	3.790	524511	6363.06	1.4	465.55	85049	896.9658 ng/ml
Promethazine	5.529	5329626	374315.94	30.0	36371.60	234534	1007.6357 ng/ml
Quetiapine	5.553	3816004	152397.03	60.6	99406.95	48063	922.3236 ng/ml
Sertraline	5.772	369389	22403.13	88.6	21407.10	15360	976.4616 ng/ml
Temazepam	5.819	3498514	76576.43	32.5	4756.12	253736	958.8526 ng/ml
Tramadol	4.245	8551882	151133.39	3.5	15184.07	476043	863.9547 ng/ml
Trazodone	5.168	5974217	∞	77.9	∞	328059	756.0779 ng/ml
Venlafaxine	5.041	7044033	59614.26	34.0	4497.76	484367	1000.8944 ng/ml
Zolpidem	4.926	8474879	220923.29	31.6	1906.22	619311	801.2850 ng/ml