

REVIEWED

By Tamara Salazar at 7:48 am, Oct 05, 2020

10/1/2020

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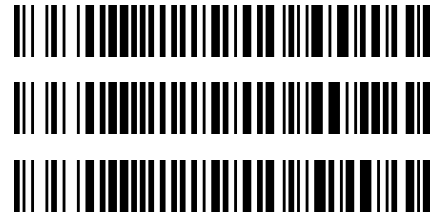
Worklist: 4550

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2020-3210	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-3249	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-3344	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-3387	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-3389	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-3409	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-3593	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2485	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2485	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2530	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2531	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2532	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2535	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2642	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2697	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2709	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2714	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2715	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2725	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2761	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-2762	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 4550

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<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2020-2763	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-2764	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-2766	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 09/29/20
Plate lot#: IDP-111-2-200513

Analyst: Sarah Pickle
Plate Expiration: 11/13/20

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: Hemostat 445283-4

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

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250 µL blood (calibrated pipette)** in wells of analytical (standards) plate. **Pipette ID: #16**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250 µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300 µL 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 **900 µL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 10-15 seconds. *(12-15 PSI- Selector to the left).*
- 12. Add **900 µL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(12-15 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 **100 µL 20% LCMS MeOH in water** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Y / N _____ Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS:

Curves limited: Amphetamine 5-250, Buprenorphine 1-100, Lamotrigine 5-250, Lorazepam 5-100, Meprobamate 5-500, Mirtazapine 5-500, Norbuprenorphine 1-100, Norhydrocodone 5-500, Norfentanyl 0.5-50

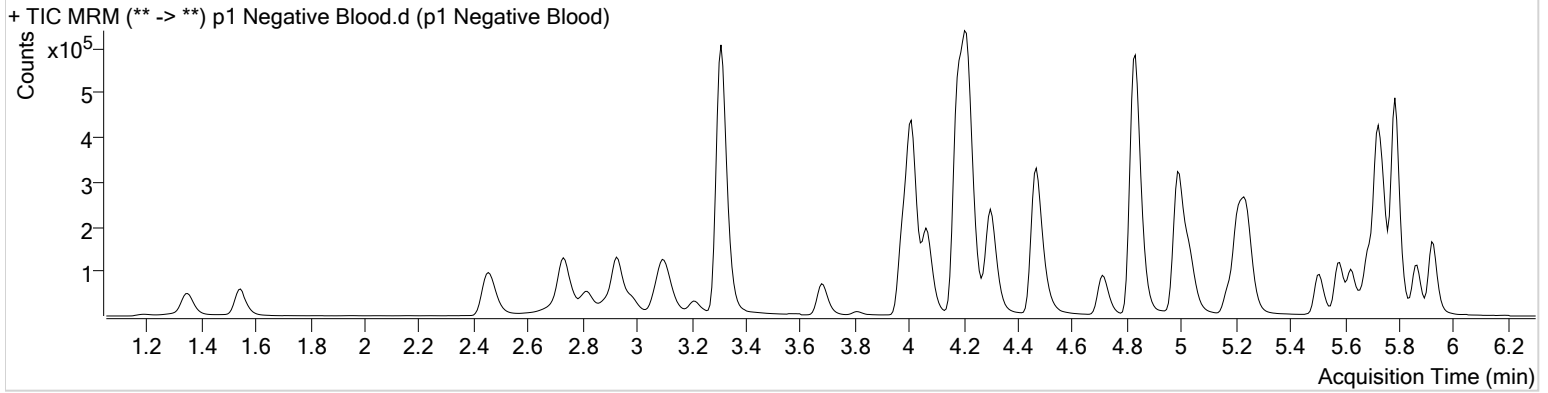
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument	Falco	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-F2	Comment	
Injection Volume	2		
Acq. Date-Time	9/29/2020 10:27:13 PM		
Sample Info.			

Sample Chromatogram



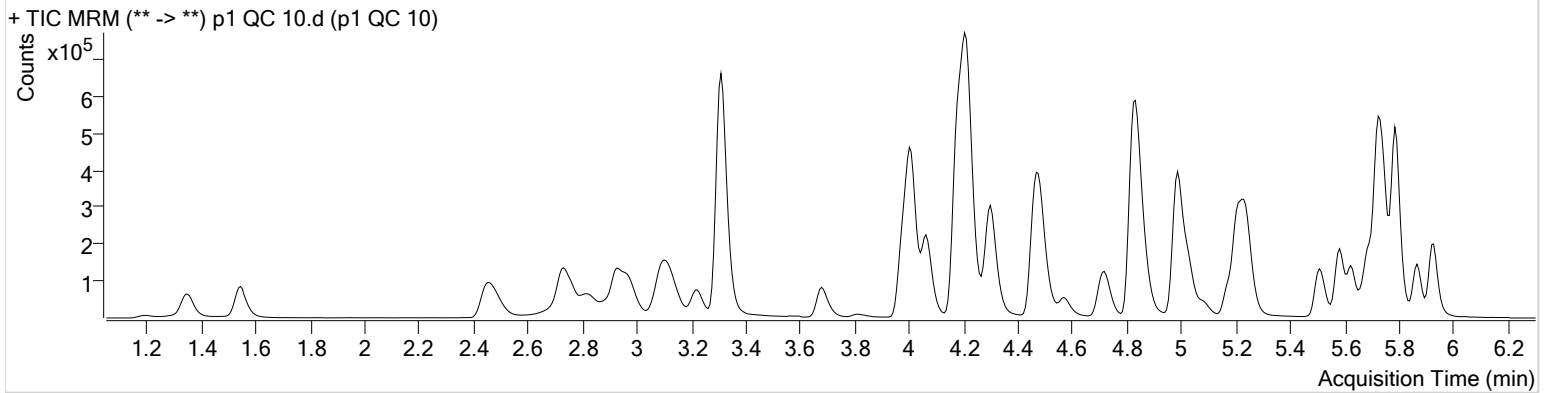
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument	Falco	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-A2	Comment	
Injection Volume	2		
Acq. Date-Time	9/29/2020 8:51:50 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	3405	335.93	69.8	321.49	69875	0.9738 ng/ml
7-aminoclonazepam	4.216	68545	314.82	80.4	195.74	252375	9.8187 ng/ml
a-hydroxyalprazolam	5.668	29804	642.26	60.7	∞	67375	10.7138 ng/ml
alpha-PHP	4.875	27056	804.96	262.8	7869.78	607673	10.6335 ng/ml
alpha-PVP	4.308	142406	1097.84	49.2	714.78	607673	10.3575 ng/ml
Alprazolam	5.751	103374	452.48	104.1	1099.49	286140	10.2591 ng/ml
Amphetamine	2.977	97317	1103.49	53.2	372.68	86140	9.1076 ng/ml
Benzoylcegonine	3.838	5376	280.06	7.3	19.01	19268	10.6064 ng/ml
Buprenorphine	5.775	1626	45.81	14.0	12.25	62924	1.1049 ng/ml
Bupropion	4.726	90362	404.38	59.9	738.75	265067	10.2160 ng/ml
Carisoprodol	5.700	44159	88551.62	54.1	169.82	214943	10.2927 ng/ml
Citalopram	5.176	39130	∞	41.0	36876.17	174918	10.2548 ng/ml
Clonazepam	5.581	125414	10527.74	33.8	797.30	147017	9.9832 ng/ml
Cocaine	4.216	162267	8830.16	44.8	554.53	1109576	10.4057 ng/ml
Codeine	2.503	17786	∞	105.3	151.38	80578	10.0821 ng/ml
Cyclobenzaprine	5.592	17146	4264.24	11.0	46.57	66195	10.3940 ng/ml
Dextromethorphan	5.212	19731	177.91	81.3	∞	93053	9.9101 ng/ml
Dextrorphan	4.063	32821	720.53	212.1	3687.53	432272	9.7931 ng/ml
Diazepam	5.929	68079	456.30	87.7	882.07	325011	9.9707 ng/ml
Dihydrocodeine	2.481	45935	67765.13	65.9	353.27	241465	10.3519 ng/ml
Diphenhydramine	5.247	59394	491.60	32.1	132.73	493271	10.3244 ng/ml
Doxylamine	4.480	241909	627.35	96.6	525.77	954809	10.2275 ng/ml
EDDP	5.211	92217	149.53	41.6	567.66	481910	10.1342 ng/ml
Fentanyl	5.040	2220	33.09	67.5	∞	95401	0.9972 ng/ml
Fluoxetine	5.683	16655	1568.57	9.5	154.77	61127	11.1200 ng/ml
Hydrocodone	2.953	60193	169.12	38.2	500.41	368033	10.5516 ng/ml
Hydromorphone	1.553	50846	1445.40	78.3	∞	173942	9.2744 ng/ml
Ketamine	3.996	120877	445063.80	39.4	995.69	523623	9.9788 ng/ml
Lamotrigine	4.226	11782	1211.59	81.5	490.77	523623	10.7938 ng/ml
Lorazepam	5.722	102505	∞	55.7	∞	147017	9.9450 ng/ml
MDA	3.130	92734	1951.80	17.4	72.45	165233	10.7249 ng/ml
MDMA	3.224	85828	12289.97	59.6	∞	73310	10.4202 ng/ml
Meprobamate	4.862	14123	544.27	25.8	142.49	79475	9.6595 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.629	44517	421.11	53.4	5060.37	203874	10.5573 ng/ml
Methamphetamine	3.158	51842	61.57	48.2	43.77	258977	10.4981 ng/ml
Metoprolol	4.278	22486	2000.62	99.2	1735.26	1284225	10.3086 ng/ml
Mirtazapine	4.569	84861	7282.98	49.9	746.75	607673	10.9987 ng/ml
Mitragynine	5.181	9536	8786.69	38.9	9906.67	203874	10.5702 ng/ml
Morphine	1.200	8701	3019.09	23.5	589.20	9615	9.6925 ng/ml
Norbuprenorphine	4.937	229	14.57	82.7	32.58	8612	1.1257 ng/ml
Nordiazepam	5.876	67201	1143.03	58.2	592.01	210341	10.3979 ng/ml
Norfentanyl	4.030	21465	2822.40	37.7	164.01	957074	0.9620 ng/ml
Norhydrocodone	3.007	6271	75.12	42.3	184.06	66270	10.1237 ng/ml
Noroxycodone	2.838	47541	551.42	49.2	628.81	155409	10.3294 ng/ml
O-desmethyl-tramadol	3.317	291152	1824.63	6.1	513.48	1541196	10.1160 ng/ml
Oxazepam	5.726	109472	∞	70.5	∞	639648	10.5274 ng/ml
Oxycodone	2.762	113284	923.97	30.9	1342.49	475394	9.9956 ng/ml
Oxymorphone	1.350	47645	1405.65	47.8	287.82	168205	9.9259 ng/ml
Phentermine	3.716	16880	∞	3.0	16.37	230977	10.8321 ng/ml
Promethazine	5.508	39428	462.43	32.4	71.86	171494	10.1981 ng/ml
Quetiapine	5.519	47600	∞	59.3	∞	58860	10.5217 ng/ml
Sertraline	5.751	8268	122.99	91.9	222.77	30401	11.2474 ng/ml
Temazepam	5.792	177731	1137.08	30.2	452.21	881200	9.9316 ng/ml
Tramadol	4.190	257018	820.47	3.4	113.87	1284225	10.1028 ng/ml
Trazodone	5.079	46950	3343.67	81.3	457.49	188365	10.0345 ng/ml
Venlafaxine	4.987	173001	1243.85	35.4	425.00	884756	10.8694 ng/ml
Zolpidem	4.845	306709	4989.78	30.2	4101.75	1461077	10.3340 ng/ml

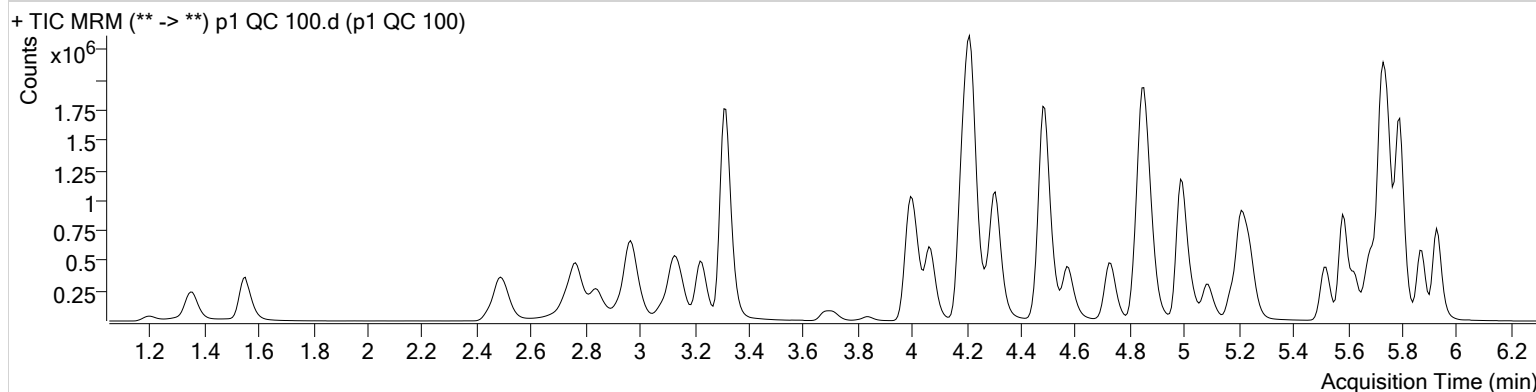
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument	Falco	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-B2	Comment	
Injection Volume	2		
Acq. Date-Time	9/29/2020 9:13:02 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	39560	1556.12	68.6	4773.83	78135	10.9910 ng/ml
7-aminoclonazepam	4.223	656413	856.26	80.9	5948.38	228953	104.4630 ng/ml
a-hydroxyalprazolam	5.668	304841	1364.08	62.6	390.56	70609	107.8449 ng/ml
alpha-PHP	4.881	267462	5782.75	264.6	59065.83	617682	109.7321 ng/ml
alpha-PVP	4.308	1490233	67491.62	49.3	6787.15	617682	100.5190 ng/ml
Alprazolam	5.751	1085086	2296.89	103.6	12615.00	283411	105.3245 ng/ml
Amphetamine	2.977	893306	5898.56	48.8	1053.70	77551	112.5165 ng/ml
Benzoylcegonine	3.838	58663	320.63	7.9	3233.39	20635	103.1262 ng/ml
Buprenorphine	5.775	12455	670.07	16.1	127.59	48921	10.3430 ng/ml
Bupropion	4.733	781725	20568.43	60.5	4717.53	225285	105.3788 ng/ml
Carisoprodol	5.700	444169	2471533.88	54.1	776.00	217759	104.8137 ng/ml
Citalopram	5.176	339019	2912.66	42.2	3882.27	149992	102.4456 ng/ml
Clonazepam	5.581	1347226	∞	33.2	2240.07	151655	108.7915 ng/ml
Cocaine	4.216	1683618	99400.66	45.0	66973.05	1114815	103.5629 ng/ml
Codeine	2.509	190555	799.80	103.3	3781.80	83653	105.4073 ng/ml
Cyclobenzaprine	5.598	92977	987.86	10.2	314.09	37098	99.9442 ng/ml
Dextromethorphan	5.212	144394	1681.61	80.5	1395.94	65243	103.2840 ng/ml
Dextrorphan	4.070	352857	30393.79	209.7	1981.24	435166	102.0513 ng/ml
Diazepam	5.929	747759	23707.58	88.2	5011.87	341291	105.7893 ng/ml
Dihydrocodeine	2.481	504950	2314.00	64.8	1169.88	263040	112.7898 ng/ml
Diphenhydramine	5.247	495337	2758.85	31.9	511.79	402617	103.2786 ng/ml
Doxylamine	4.487	2511020	44758.74	96.4	58982.03	980579	103.9509 ng/ml
EDDP	5.211	1009931	3463.22	42.8	26712.34	526583	101.8633 ng/ml
Fentanyl	5.047	13280	219.13	62.1	7883.96	58251	10.2752 ng/ml
Fluoxetine	5.683	68849	3016.70	8.8	3706.17	28099	100.7618 ng/ml
Hydrocodone	2.953	630737	∞	38.3	∞	372486	115.5049 ng/ml
Hydromorphone	1.553	539852	∞	77.8	2549.98	172946	102.8258 ng/ml
Ketamine	3.996	1311095	20906.05	40.4	1199.99	552374	107.4643 ng/ml
Lamotrigine	4.226	118441	1650.93	82.3	∞	552374	111.6882 ng/ml
Lorazepam	5.722	974335	1944.17	55.4	∞	151655	102.6044 ng/ml
MDA	3.130	870852	8992.83	17.9	1195.34	154162	112.9168 ng/ml
MDMA	3.224	867051	49782.06	59.7	7268.93	71007	110.0649 ng/ml
Meprobamate	4.869	141555	∞	25.5	1409.07	74801	106.6611 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.629	355119	685306.36	53.5	9481.83	159447	105.9431 ng/ml
Methamphetamine	3.151	399175	475.78	42.3	367.80	223602	108.0090 ng/ml
Metoprolol	4.278	232326	133256.91	96.5	∞	1367048	103.6064 ng/ml
Mirtazapine	4.575	782943	99212.16	49.4	22283.75	617682	107.3038 ng/ml
Mitragynine	5.181	70001	8197.98	38.1	2879.01	159447	107.9402 ng/ml
Morphine	1.200	91349	774.76	23.8	2424.16	9609	105.1794 ng/ml
Norbuprenorphine	4.937	1634	120.00	81.2	78.58	7096	10.6214 ng/ml
Nordiazepam	5.876	709646	2849.46	58.9	24887.98	219456	107.6436 ng/ml
Norfentanyl	4.030	239020	1043.37	36.8	5575.07	979764	10.1143 ng/ml
Norhydrocodone	3.007	62766	121.10	42.2	225.98	59275	92.9235 ng/ml
Noroxycodone	2.845	507942	3570.80	49.7	766.67	159899	108.0197 ng/ml
O-desmethyl-tramadol	3.317	3250161	5617.67	6.1	1398.25	1657625	103.5381 ng/ml
Oxazepam	5.726	1073237	∞	71.9	3805.38	623444	110.7699 ng/ml
Oxycodone	2.762	1252920	6349.81	31.2	2934.34	506641	107.4969 ng/ml
Oxymorphone	1.350	496973	3207.55	47.6	1933.85	176019	102.5085 ng/ml
Phentermine	3.716	149570	∞	2.8	99.69	208895	113.3688 ng/ml
Promethazine	5.508	217079	656.94	31.2	1924.61	91840	102.0861 ng/ml
Quetiapine	5.519	498094	∞	60.1	∞	60182	107.6321 ng/ml
Sertraline	5.751	33849	653.02	87.8	666.96	12888	105.0279 ng/ml
Temazepam	5.792	2055400	4259.96	30.3	562.72	986277	102.1035 ng/ml
Tramadol	4.190	2732226	3169.77	3.5	633.20	1367048	104.0701 ng/ml
Trazodone	5.086	462653	725.15	79.1	6870.15	180468	101.0014 ng/ml
Venlafaxine	4.987	1832093	4300.73	36.0	2378.18	896755	108.2532 ng/ml
Zolpidem	4.851	3394689	92810.08	30.4	250925.87	1608366	108.4813 ng/ml

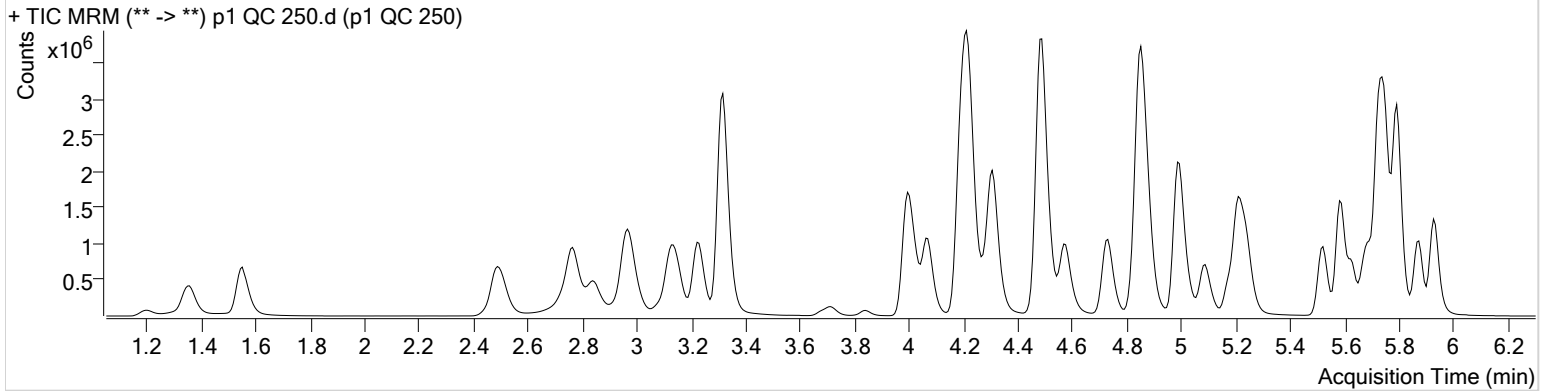
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument	Falco	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-C2	Comment	
Injection Volume	2		
Acq. Date-Time	9/29/2020 9:34:14 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	85037	14973.62	70.1	12617.27	70475	26.3232 ng/ml
7-aminoclonazepam	4.223	1180450	369.63	82.0	∞	173779	247.6206 ng/ml
a-hydroxyalprazolam	5.668	614721	1347.78	61.2	2544.19	60293	255.1907 ng/ml
alpha-PHP	4.881	555142	33569.02	266.0	10585.72	545711	258.7738 ng/ml
alpha-PVP	4.308	3191571	1102.11	49.2	4407.70	545711	242.7327 ng/ml
Alprazolam	5.751	2149407	1808.41	102.9	∞	228371	258.4000 ng/ml
Amphetamine	2.977	1688345	3506.98	49.4	20223.67	68857	241.9184 ng/ml
Benzoylcegonine	3.838	137042	3068.04	7.6	247.73	19165	258.5767 ng/ml
Buprenorphine	5.775	25312	398.02	15.4	594.49	39332	26.0502 ng/ml
Bupropion	4.733	1841566	58164.46	60.4	8134.55	223962	249.9234 ng/ml
Carisoprodol	5.700	842456	927480.76	53.9	541.21	171938	252.1915 ng/ml
Citalopram	5.176	734533	1996.57	41.8	10500.54	134725	246.9350 ng/ml
Clonazepam	5.581	2678222	47835.58	32.9	95923.82	130976	251.0855 ng/ml
Cocaine	4.216	3400573	437249.38	44.8	192162.26	935021	248.8109 ng/ml
Codeine	2.509	384302	4230.46	102.5	3940.14	69793	255.0047 ng/ml
Cyclobenzaprine	5.598	188988	595.92	9.5	∞	30534	246.7151 ng/ml
Dextromethorphan	5.219	304780	506.18	80.8	1263.28	57053	249.2781 ng/ml
Dextrorphan	4.070	742307	1120.41	214.3	4333.42	386766	241.1938 ng/ml
Diazepam	5.929	1516289	∞	86.9	1870.67	285653	256.5250 ng/ml
Dihydrocodeine	2.481	1052477	3317.44	64.6	715.82	239656	259.2087 ng/ml
Diphenhydramine	5.247	1075559	1199.45	32.3	5022.85	362605	248.6630 ng/ml
Doxylamine	4.487	5811555	183604.93	96.6	116358.24	928269	254.2354 ng/ml
EDDP	5.211	2157963	2981.02	43.5	1314.67	466246	245.8682 ng/ml
Fentanyl	5.047	26679	365.85	66.6	505.93	50238	24.0121 ng/ml
Fluoxetine	5.683	124073	532.67	8.8	585.32	20994	243.1691 ng/ml
Hydrocodone	2.953	1260656	2009.29	38.8	880.92	342659	251.7408 ng/ml
Hydromorphone	1.553	1124773	∞	77.8	6708.01	149217	248.8573 ng/ml
Ketamine	3.996	2807428	3906.97	39.8	4140.89	493059	258.5272 ng/ml
Lamotrigine	4.232	219089	45525.94	81.0	21690.68	493059	232.5632 ng/ml
* Lorazepam	5.722	1491533	4158.94	57.6	10068.48	130976	182.8984 ng/ml
MDA	3.130	1752312	10812.73	17.4	3425.90	132854	264.3816 ng/ml
MDMA	3.224	1869778	182900.57	59.6	22917.12	65310	258.2534 ng/ml
Meprobamate	4.869	245534	24870.22	25.7	1775.45	57947	239.3057 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.629	776682	3853.81	53.8	7190.41	149039	247.6378 ng/ml
Methamphetamine	3.158	768871	751.85	42.5	1105.00	186038	252.4378 ng/ml
Metoprolol	4.278	488325	80234.26	96.3	∞	1168588	255.3483 ng/ml
Mirtazapine	4.575	1753125	39018.21	49.9	7292.72	545711	273.3763 ng/ml
Mitragynine	5.181	143553	14647.65	39.0	1252684.92	149039	238.0598 ng/ml
Morphine	1.200	193834	∞	23.9	406.48	8357	257.1203 ng/ml
Norbuprenorphine	4.944	3412	108.36	85.8	71.48	6467	24.4814 ng/ml
Nordiazepam	5.876	1429629	3884.92	57.8	5001.04	187638	253.9853 ng/ml
Norfentanyl	4.030	525494	28951.00	37.2	2990.40	864702	25.1427 ng/ml
Norhydrocodone	3.007	126599	1348.76	42.3	103.73	42661	256.8190 ng/ml
Noroxycodone	2.845	1019605	1116.96	49.7	3772.64	137690	251.9135 ng/ml
O-desmethyl-tramadol	3.317	7039533	3559.80	5.9	6653.04	1452454	255.7026 ng/ml
Oxazepam	5.726	1863905	13093.58	70.5	∞	455613	263.9811 ng/ml
Oxycodone	2.762	2693708	∞	31.7	∞	459043	255.6271 ng/ml
Oxymorphone	1.356	1011339	∞	48.6	∞	152153	241.8643 ng/ml
Phentermine	3.716	307539	∞	2.8	361.07	181480	269.4425 ng/ml
Promethazine	5.508	439189	1385.18	30.7	1666.42	76597	247.2127 ng/ml
Quetiapine	5.519	1171992	∞	59.8	1981782.04	58377	261.0762 ng/ml
Sertraline	5.751	54834	998.97	90.4	2349.79	8510	257.0769 ng/ml
Temazepam	5.792	4297859	83265.00	28.9	1007.35	839881	250.6333 ng/ml
Tramadol	4.190	5704434	4035.00	3.3	7701.55	1168588	254.6920 ng/ml
Trazodone	5.086	1105671	8673.83	79.8	462935.08	178144	244.1887 ng/ml
Venlafaxine	4.987	3980280	3763.09	35.8	4865.68	806704	260.6409 ng/ml
Zolpidem	4.851	7262324	157984.56	29.7	258912.45	1448655	258.3572 ng/ml

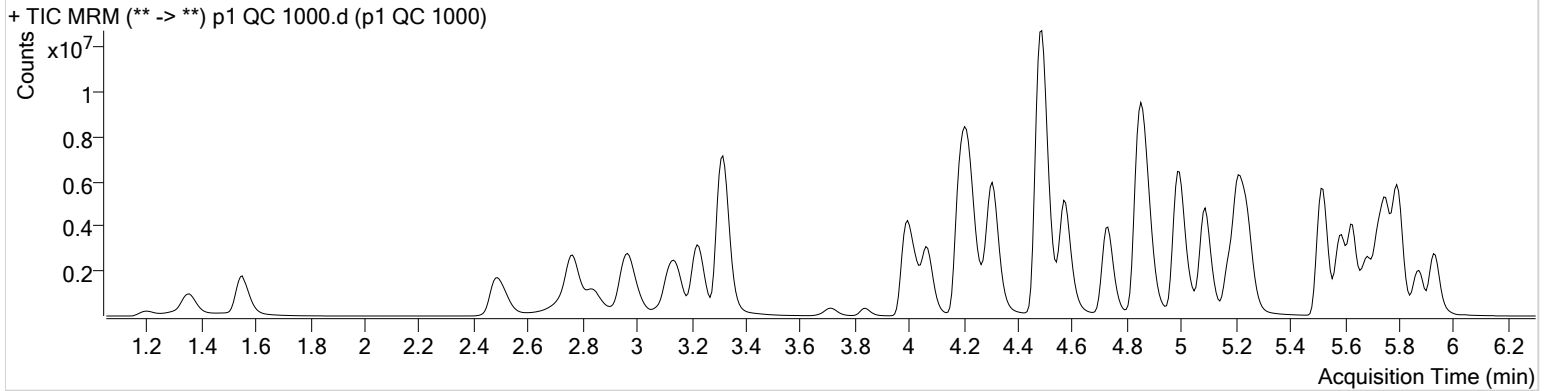
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument	Falco	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-D2	Comment	
Injection Volume	2		
Acq. Date-Time	9/29/2020 9:55:25 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	318520	7936.52	71.9	4267.51	70531	98.7755 ng/ml
7-aminoclonazepam	4.230	1844719	13645.19	82.4	7463.23	62287	1079.9073 ng/ml
a-hydroxyalprazolam	5.668	1382294	1383.84	60.8	1585.82	37842	915.2437 ng/ml
alpha-PHP	4.881	1868347	63484.14	272.3	24788.03	447483	1064.3343 ng/ml
alpha-PVP	4.308	11128974	34442.51	48.4	96282.50	447483	1030.0640 ng/ml
Alprazolam	5.751	5056442	1527.20	102.6	8194.36	132287	1048.3212 ng/ml
* Amphetamine	2.977	4302171	28699.55	48.5	9695.13	65205	654.5859 ng/ml
Benzoylcegonine	3.838	639039	25349.32	7.6	13107.41	19784	1166.1462 ng/ml
Buprenorphine	5.775	141467	3903.26	16.2	3236.72	52663	108.5429 ng/ml
Bupropion	4.733	7362310	202000.86	59.5	1311.96	225190	994.1594 ng/ml
Carisoprodol	5.700	1625038	∞	53.8	6176.19	85328	981.0693 ng/ml
Citalopram	5.176	3639484	13425.86	41.1	8650.71	161792	1018.4309 ng/ml
Clonazepam	5.581	5456586	∞	32.5	1280859.28	78878	850.6584 ng/ml
Cocaine	4.216	9993998	490395.67	43.2	273343.01	659728	1035.0429 ng/ml
Codeine	2.509	1028080	∞	102.6	1127.78	51477	925.2972 ng/ml
Cyclobenzaprine	5.598	2277033	45289.48	9.9	15769.93	86415	1050.1061 ng/ml
Dextromethorphan	5.219	1656978	1364.04	79.2	2323.96	77259	1000.7323 ng/ml
Dextrophan	4.070	2510421	40369.57	214.6	108109.17	316790	995.0577 ng/ml
Diazepam	5.929	3853245	3339.36	87.6	∞	183241	1016.6957 ng/ml
Dihydrocodeine	2.481	3043934	∞	66.1	44420.99	229906	783.3099 ng/ml
Diphenhydramine	5.247	5817572	2618.52	32.2	4465.33	482901	1009.2035 ng/ml
Doxylamine	4.488	21771279	375076.28	97.5	474560.16	926005	954.9220 ng/ml
EDDP	5.211	9150060	3249.91	41.4	2288.01	471775	1030.4001 ng/ml
Fentanyl	5.047	311828	21657.67	65.7	1769.38	136076	103.8065 ng/ml
Fluoxetine	5.683	1632953	119902.85	8.7	47685.13	65963	1018.8883 ng/ml
Hydrocodone	2.953	3910557	1275.99	38.3	406.98	307996	870.4248 ng/ml
Hydromorphone	1.553	3456831	1159.15	78.2	∞	122208	934.9424 ng/ml
Ketamine	3.996	9064973	177644.56	38.8	9514.78	431037	956.2901 ng/ml
* Lamotrigine	4.239	382270	3566.42	81.0	46197.54	431037	465.1976 ng/ml
* Lorazepam	5.722	1688013	∞	57.1	5459.94	78878	344.8800 ng/ml
MDA	3.123	4539746	35960.82	16.7	13155.86	102221	891.4905 ng/ml
MDMA	3.224	6461209	536249.12	57.9	11141.30	58589	995.2093 ng/ml
* Meprobamate	4.876	349948	12897.28	26.4	2353.69	29441	672.0143 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.629	5437621	11683.38	51.3	49912.89	244801	1054.9088 ng/ml
Methamphetamine	3.151	2742292	5102.40	42.4	2601.92	179807	936.4454 ng/ml
Metoprolol	4.278	1344881	20488.17	96.6	25392.55	962801	854.5124 ng/ml
* Mirtazapine	4.569	9753642	1935990.24	48.5	375929.79	447483	1860.1684 ng/ml
Mitragynine	5.181	997941	20707.56	39.1	53820.59	244801	1010.9109 ng/ml
Morphine	1.200	590217	∞	24.1	∞	6875	952.6495 ng/ml
Norbuprenorphine	4.944	21091	2190.90	87.4	345.23	9983	98.3831 ng/ml
Nordiazepam	5.876	3339680	1191.74	57.4	1735.14	114234	975.3194 ng/ml
* Norfentanyl	4.030	1936574	65915.22	37.1	8220.75	630913	126.8485 ng/ml
* Norhydrocodone	3.007	422627	2699.04	40.5	675.32	31708	1146.4947 ng/ml
Noroxycodone	2.838	2556592	2041.92	49.3	2260.75	84772	1026.2012 ng/ml
O-desmethyl-tramadol	3.318	21348771	736256.97	5.8	8479.97	1097200	1026.0842 ng/ml
Oxazepam	5.726	2129161	∞	76.0	16628.29	161476	852.0339 ng/ml
Oxycodone	2.762	9345165	∞	30.9	∞	426057	956.5954 ng/ml
Oxymorphone	1.350	2956559	1563.26	48.6	∞	114925	937.2547 ng/ml
Phentermine	3.716	1046848	∞	2.6	2046.65	184173	905.6980 ng/ml
Promethazine	5.508	5597929	2790.41	29.9	6239.08	233710	1031.7770 ng/ml
Quetiapine	5.519	5768618	308313.60	59.6	234922.77	79502	943.5657 ng/ml
Sertraline	5.758	554831	959.74	90.5	49992.92	21267	1039.5451 ng/ml
Temazepam	5.792	10660185	7866.47	28.1	621.54	504954	1033.8192 ng/ml
Tramadol	4.190	16639415	209162.77	3.3	4177.04	962801	902.6062 ng/ml
Trazodone	5.086	7926458	1213766.62	78.1	∞	311111	1001.6504 ng/ml
Venlafaxine	4.987	14645529	92901.80	34.7	2674.87	712376	1084.2416 ng/ml
Zolpidem	4.852	21451667	137849.78	30.4	255023.85	1288973	858.8566 ng/ml

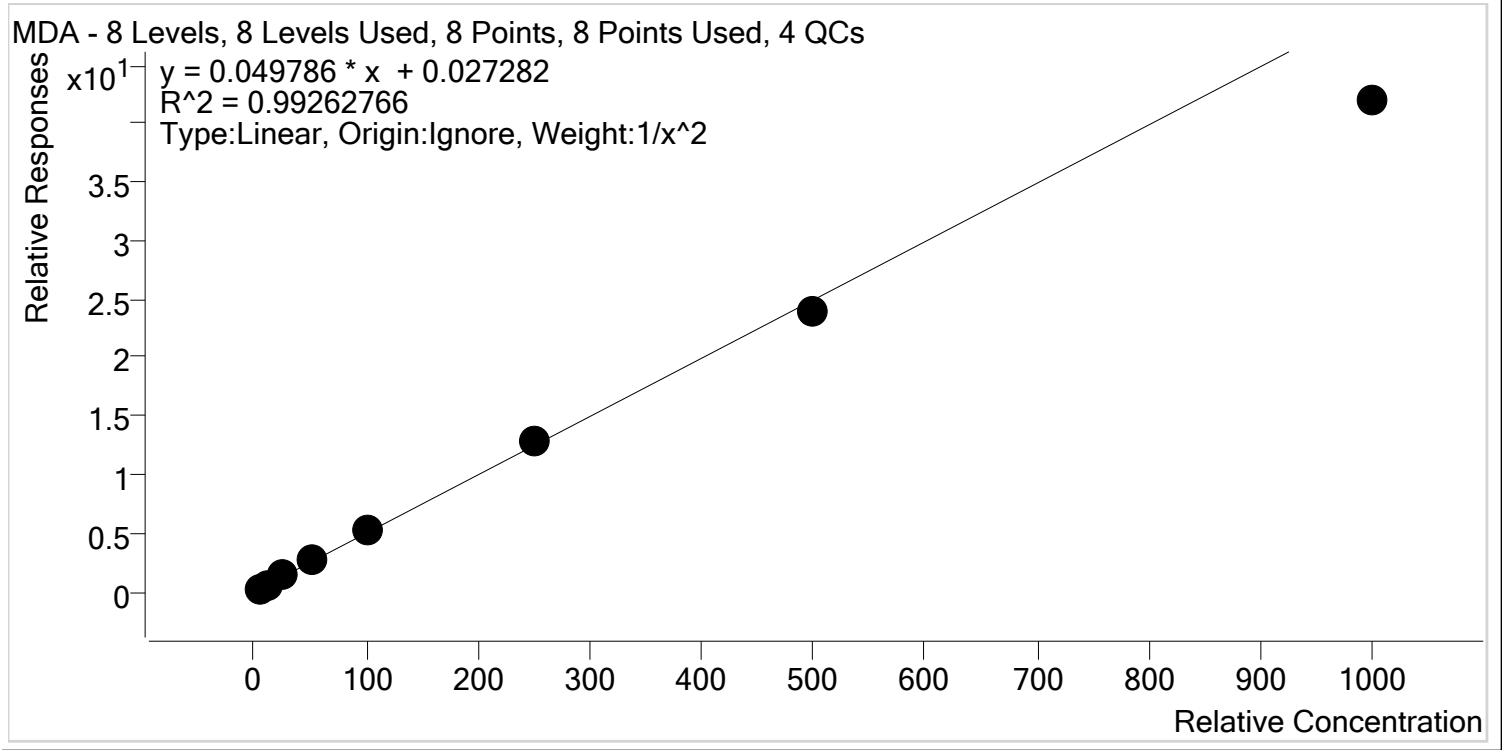
*Outside curve range

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



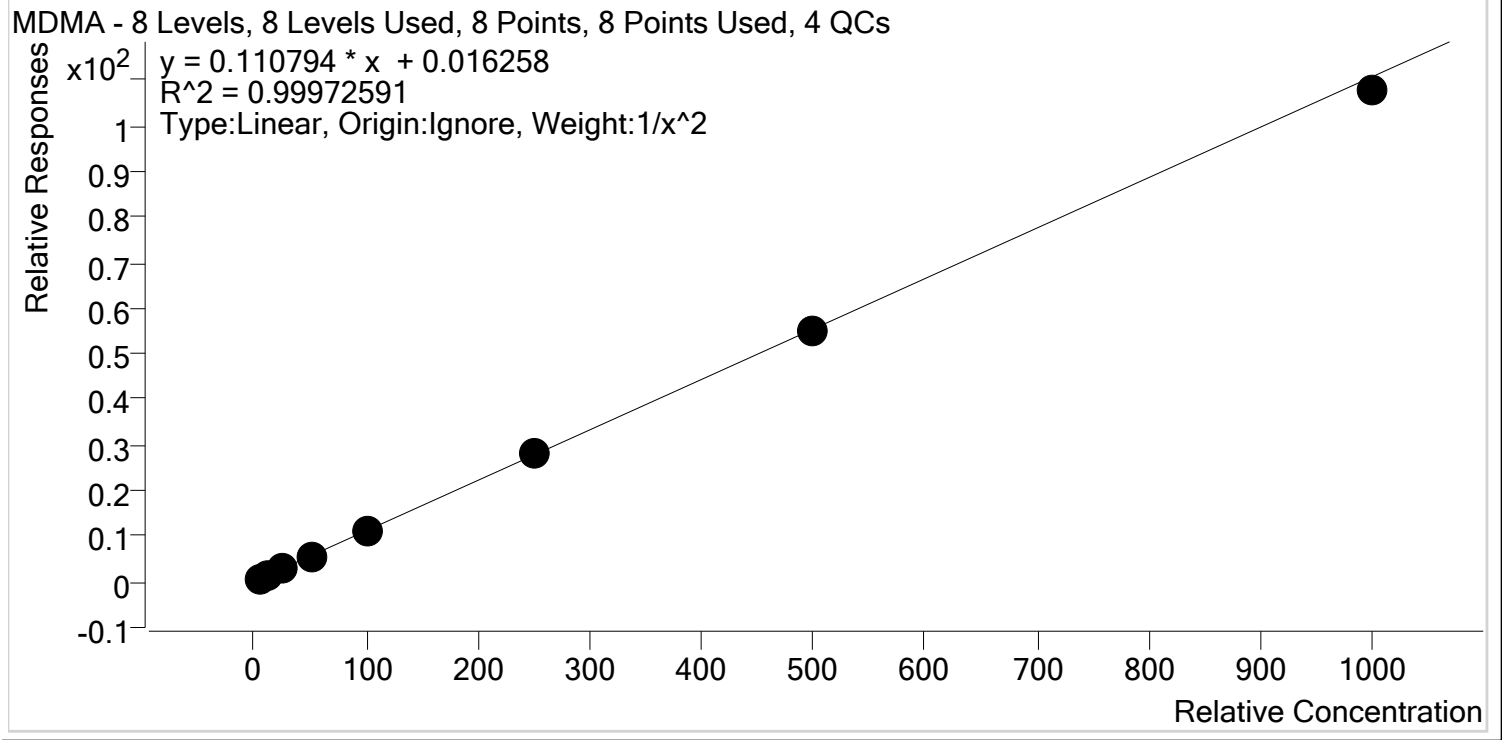
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	53.1	106.1
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	482.7	96.5
p1 Cal 8-1000ng	8	✓	1000.0	841.9	84.2

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6



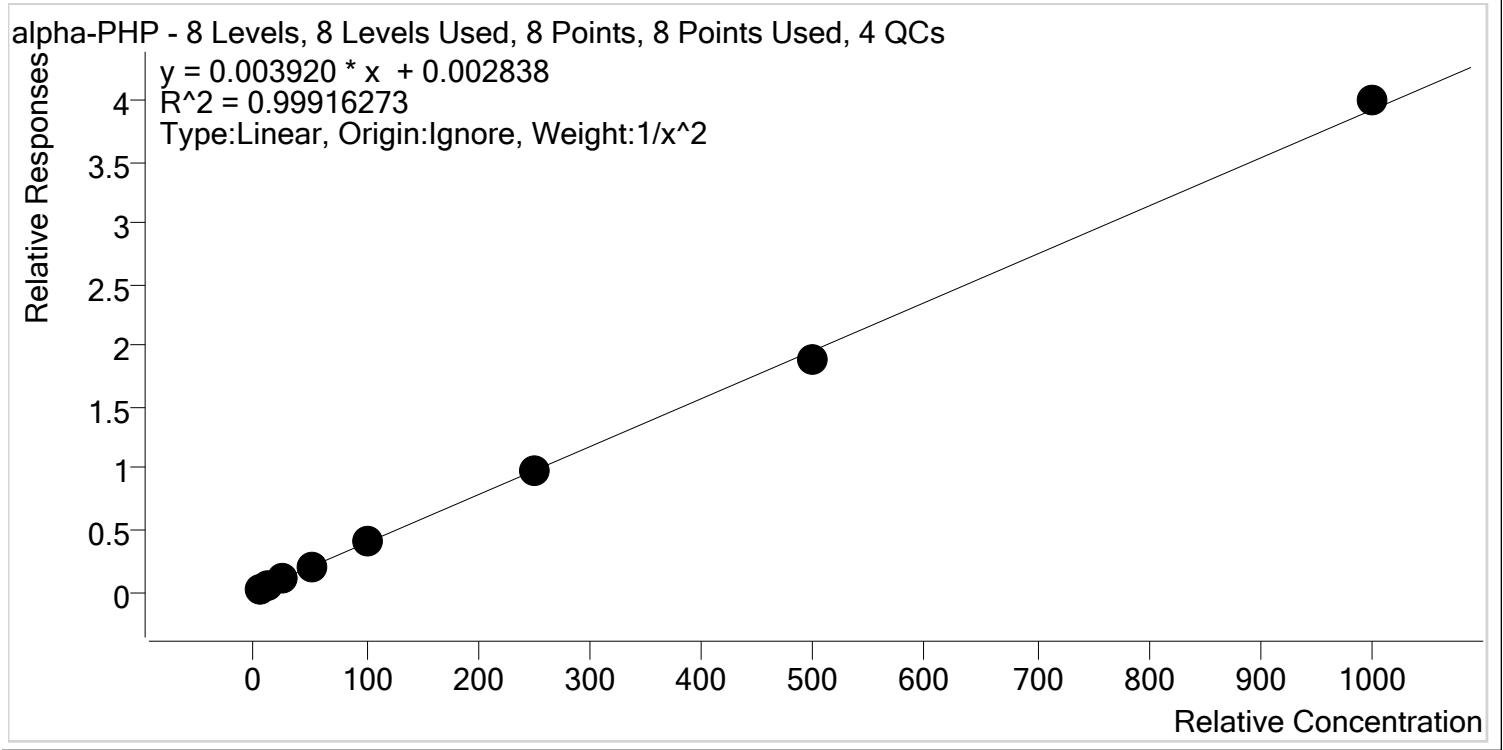
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	51.1	102.3
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	497.6	99.5
p1 Cal 8-1000ng	8	✓	1000.0	972.6	97.3

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
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	4.9	98.1
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	477.6	95.5
p1 Cal 8-1000ng	8	✓	1000.0	1019.4	101.9

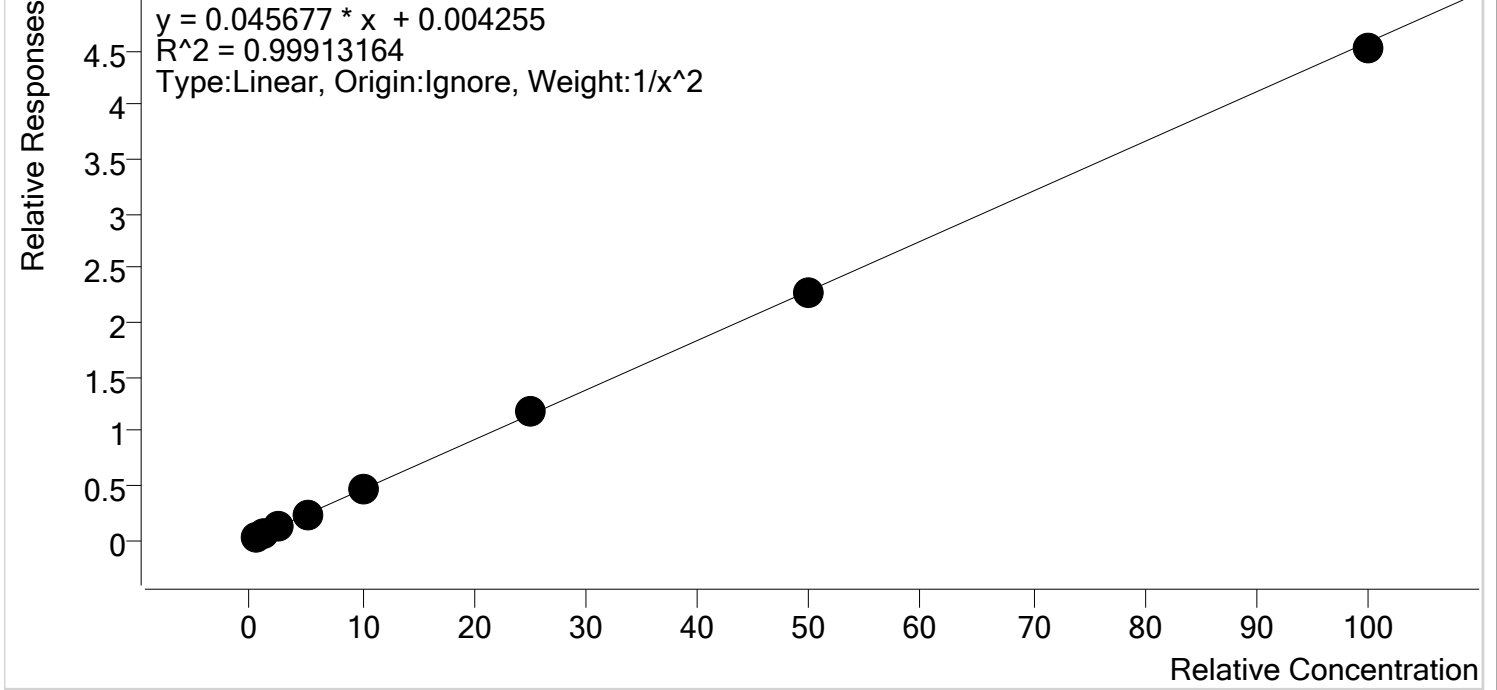
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



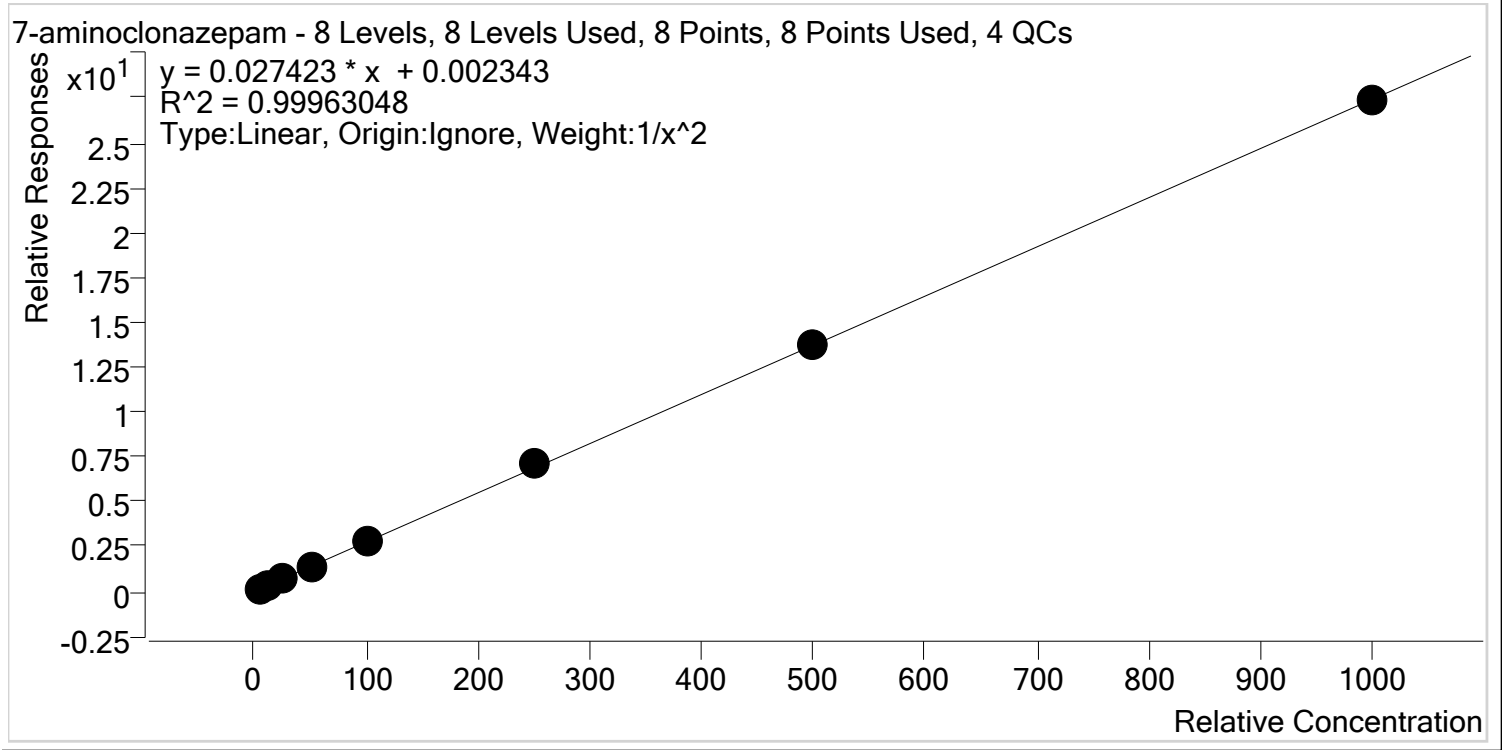
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.4
p1 Cal 2- 10ng	2	✓	1.0	1.0	95.3
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.1
p1 Cal 4-50ng	4	✓	5.0	5.0	100.5
p1 Cal 5-100ng	5	✓	10.0	10.0	100.2
p1 Cal 6-250ng	6	✓	25.0	26.0	103.9
p1 Cal 7-500ng	7	✓	50.0	50.0	99.9
p1 Cal 8-1000ng	8	✓	100.0	98.7	98.7

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



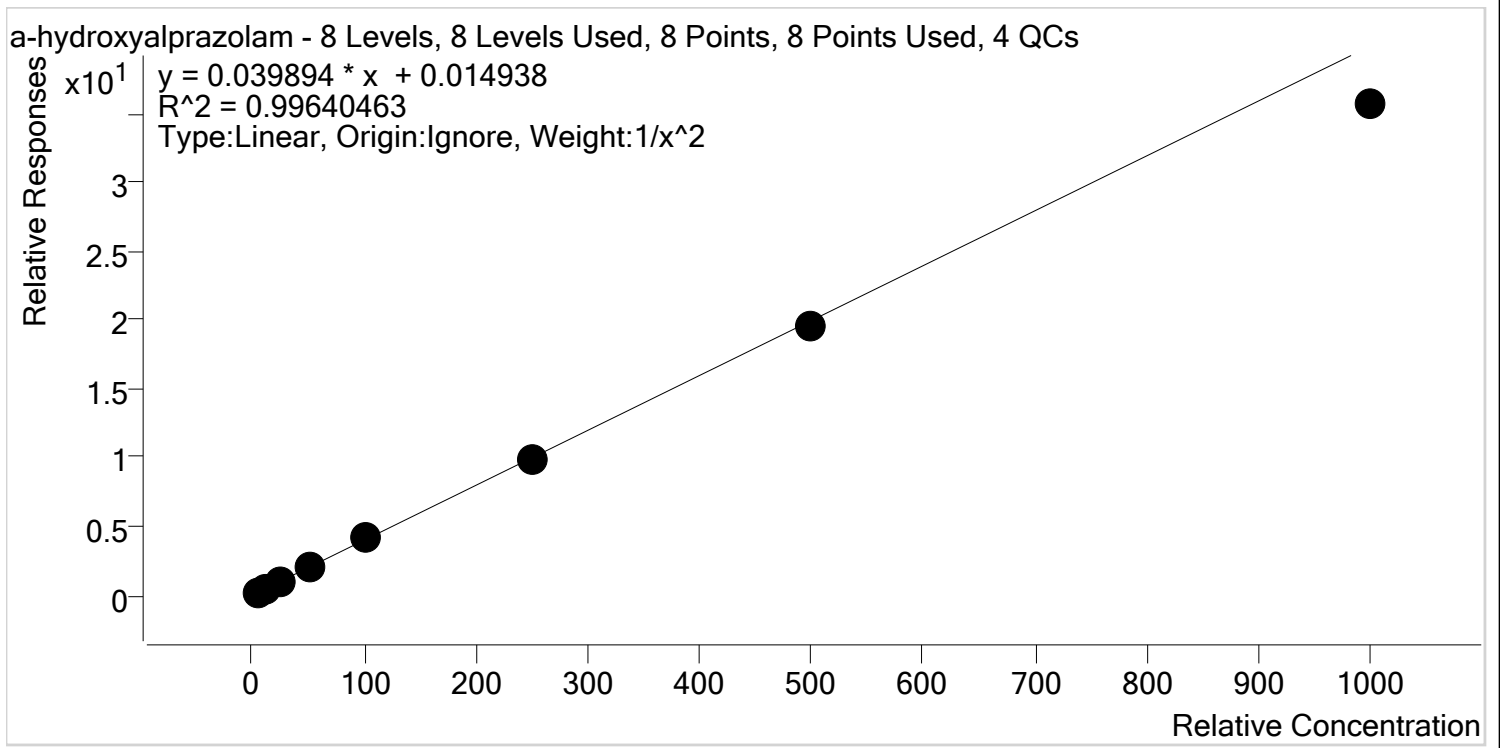
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	498.2	99.6
p1 Cal 8-1000ng	8	✓	1000.0	997.6	99.8

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5



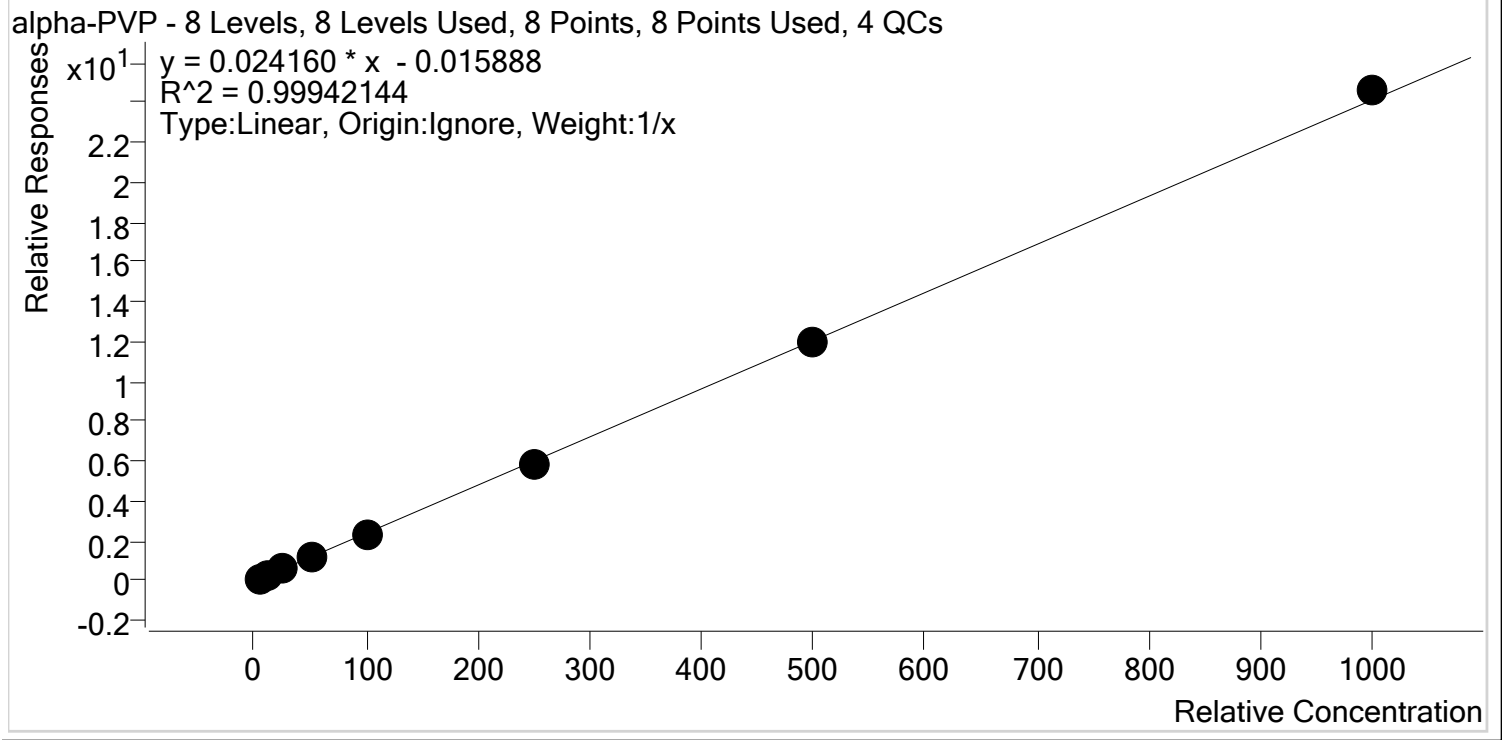
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	106.9	106.9
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	489.2	97.8
p1 Cal 8-1000ng	8	✓	1000.0	894.1	89.4

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



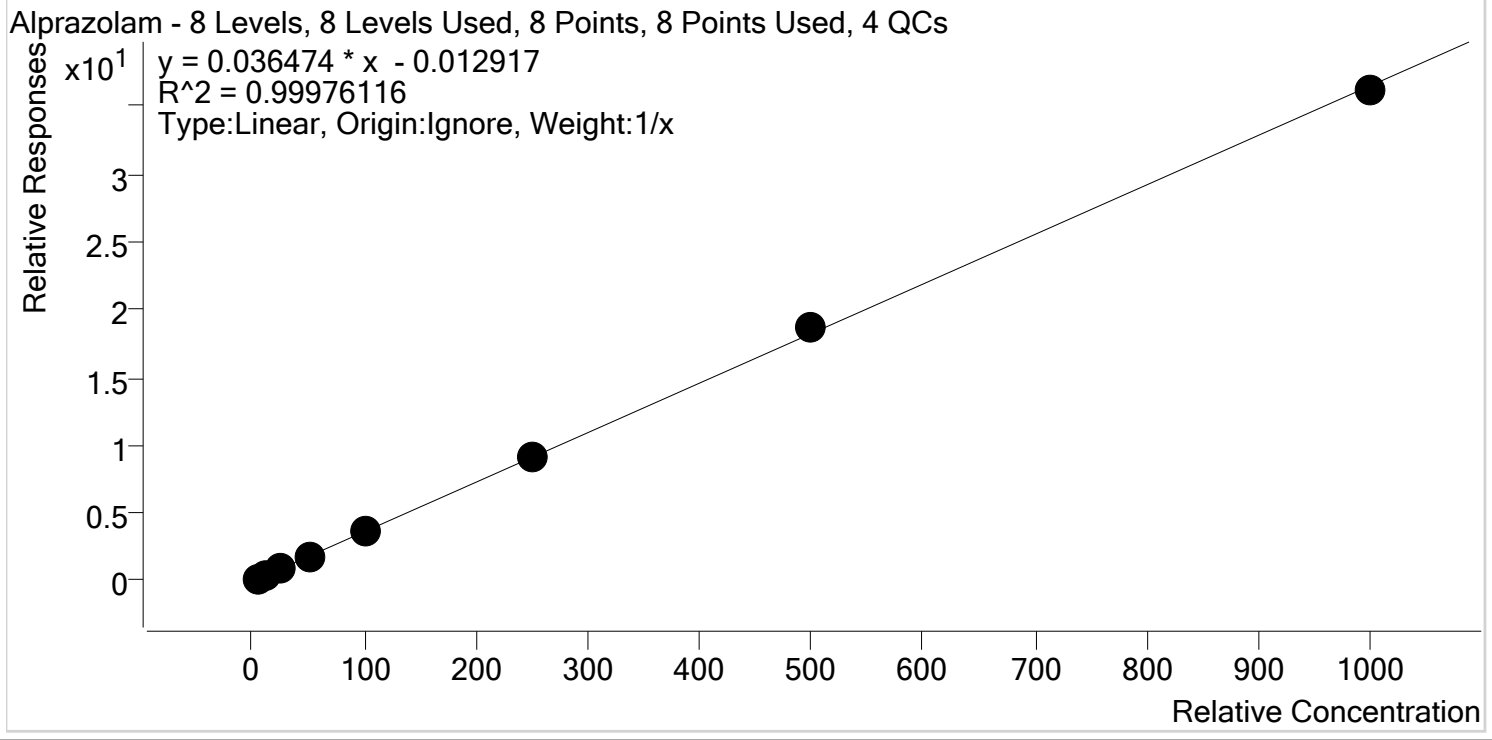
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.4
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	94.8	94.8
p1 Cal 6-250ng	6	✓	250.0	243.4	97.3
p1 Cal 7-500ng	7	✓	500.0	493.3	98.7
p1 Cal 8-1000ng	8	✓	1000.0	1019.6	102.0

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.7
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	48.2	96.5
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	510.3	102.1
p1 Cal 8-1000ng	8	✓	1000.0	990.4	99.0

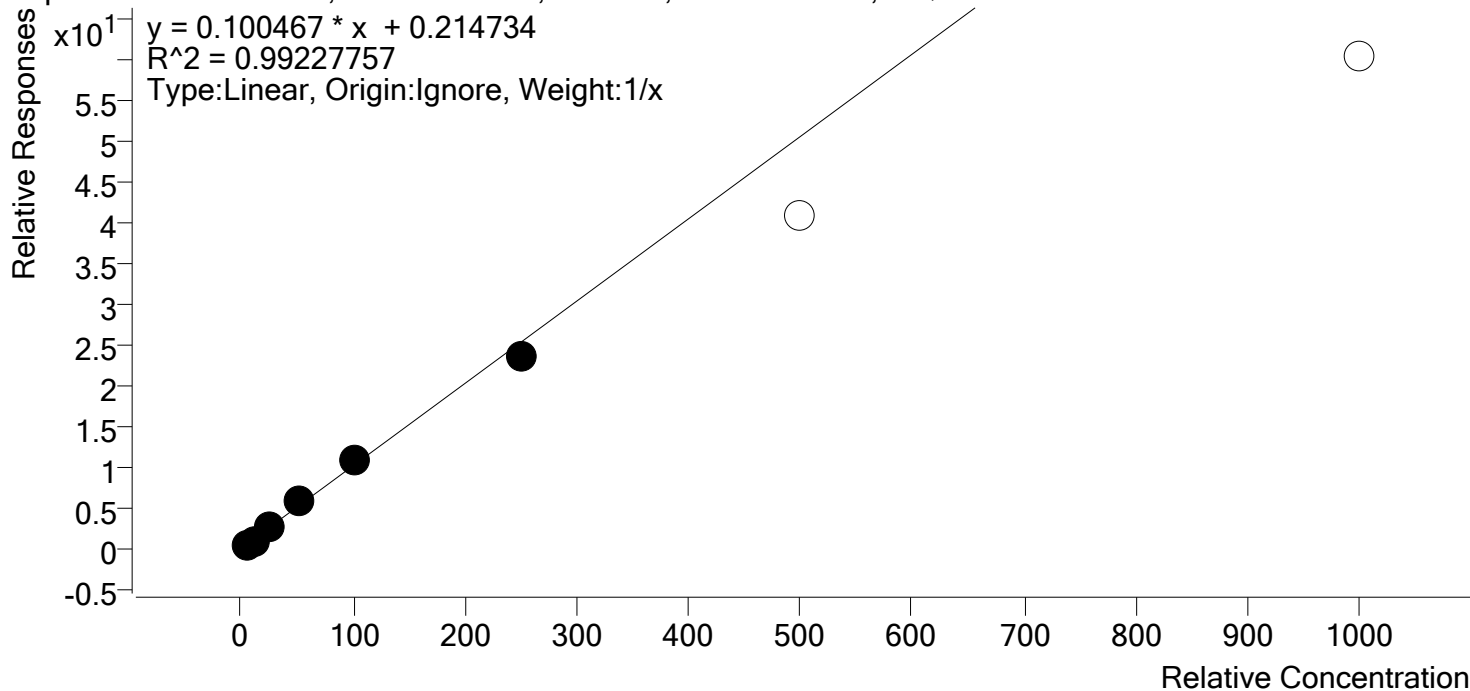
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



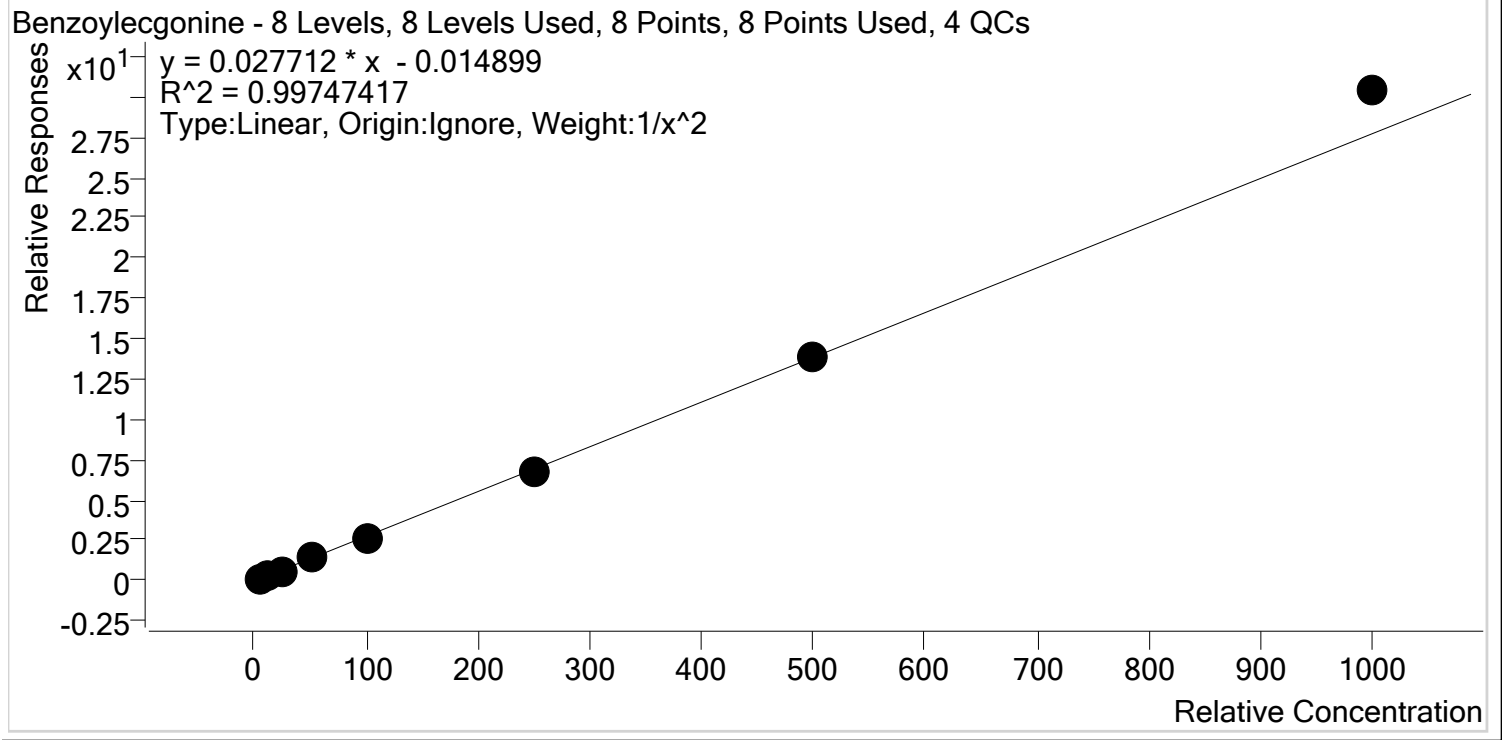
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.0	79.9
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng	4	✓	50.0	55.7	111.5
p1 Cal 5-100ng	5	✓	100.0	108.4	108.4
p1 Cal 6-250ng	6	✓	250.0	234.9	94.0
p1 Cal 7-500ng	7	x	500.0	402.4	80.5
p1 Cal 8-1000ng	8	x	1000.0	597.1	59.7

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



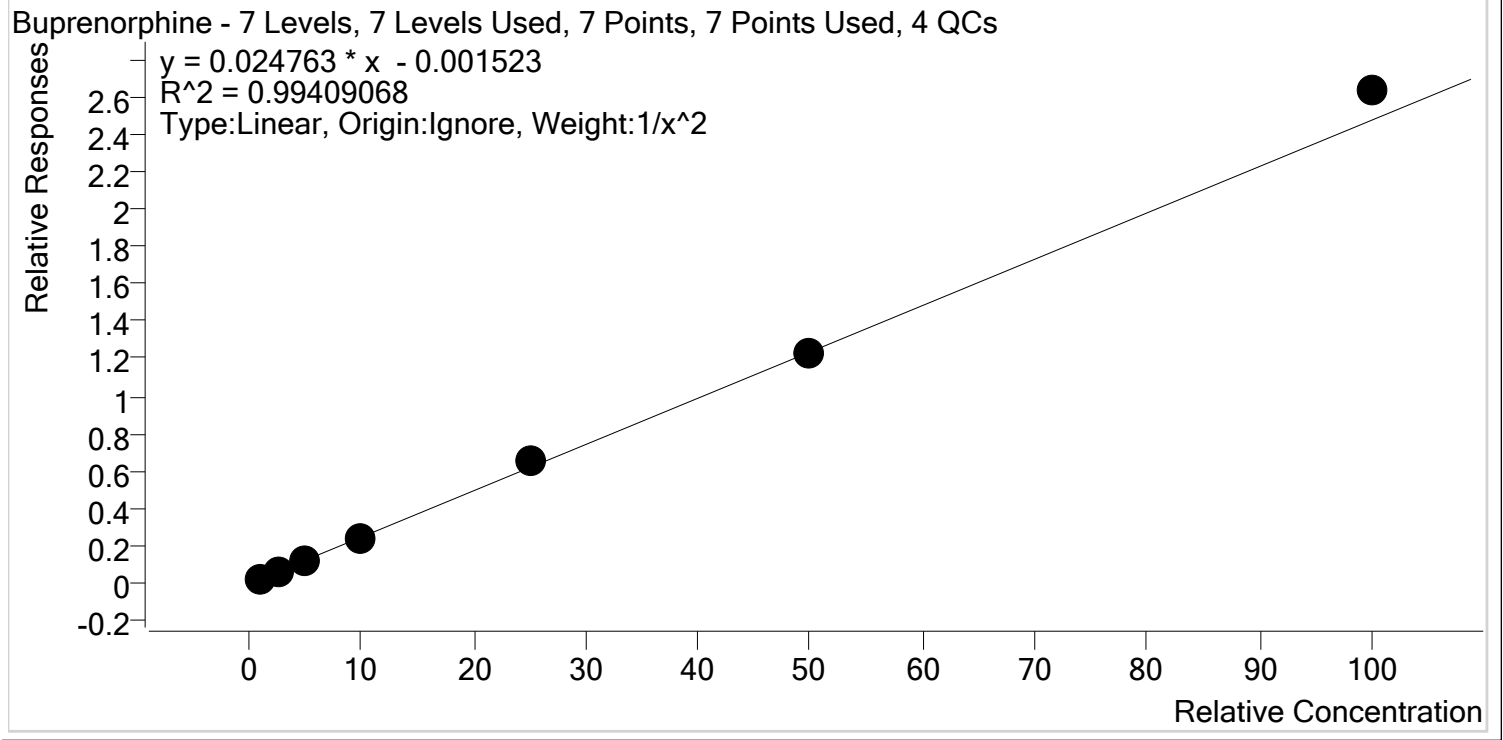
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	243.7	97.5
p1 Cal 7-500ng	7	✓	500.0	499.9	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1096.5	109.6

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2- 10ng	2	✓	1.0	1.0	104.6
p1 Cal 3 -25ng	3	✓	2.5	2.2	89.4
p1 Cal 4-50ng	4	✓	5.0	5.0	99.9
p1 Cal 5-100ng	5	✓	10.0	9.4	93.6
p1 Cal 6-250ng	6	✓	25.0	26.7	106.8
p1 Cal 7-500ng	7	✓	50.0	49.7	99.4
p1 Cal 8-1000ng	8	✓	100.0	106.3	106.3

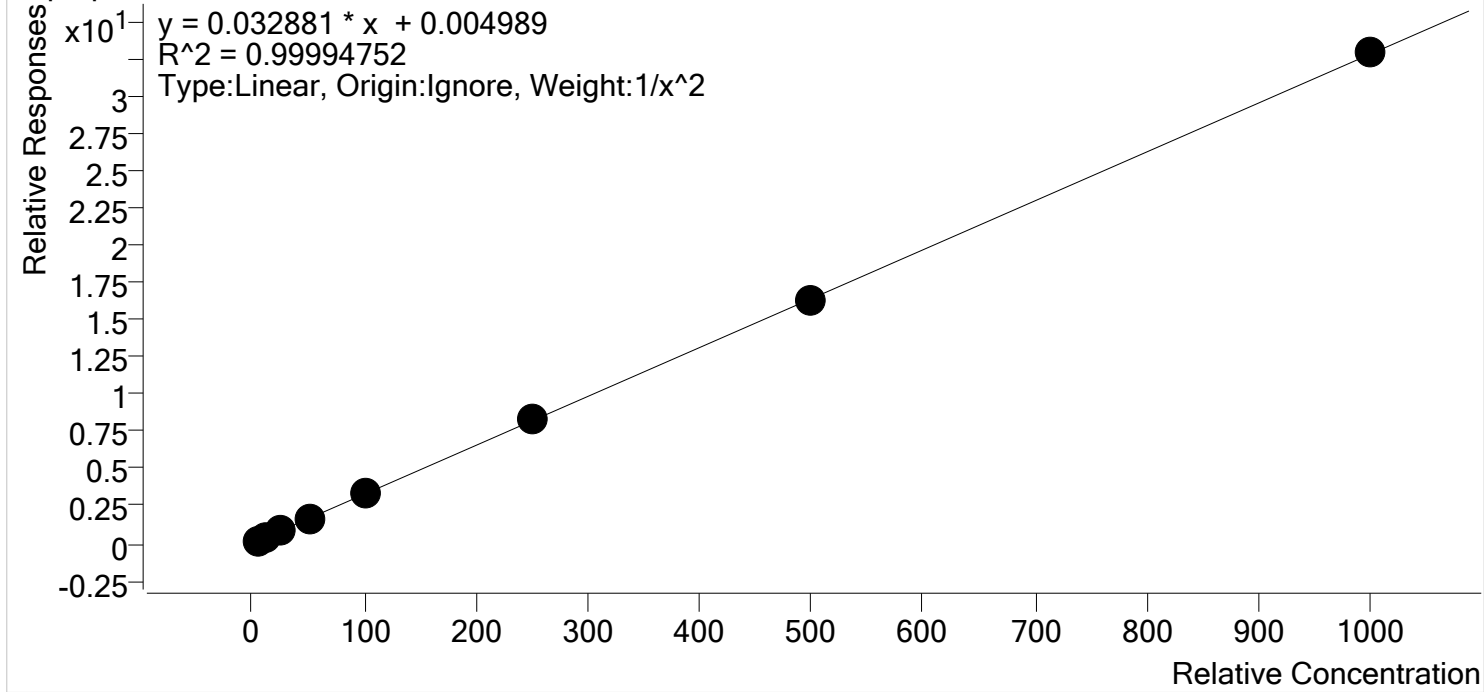
\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



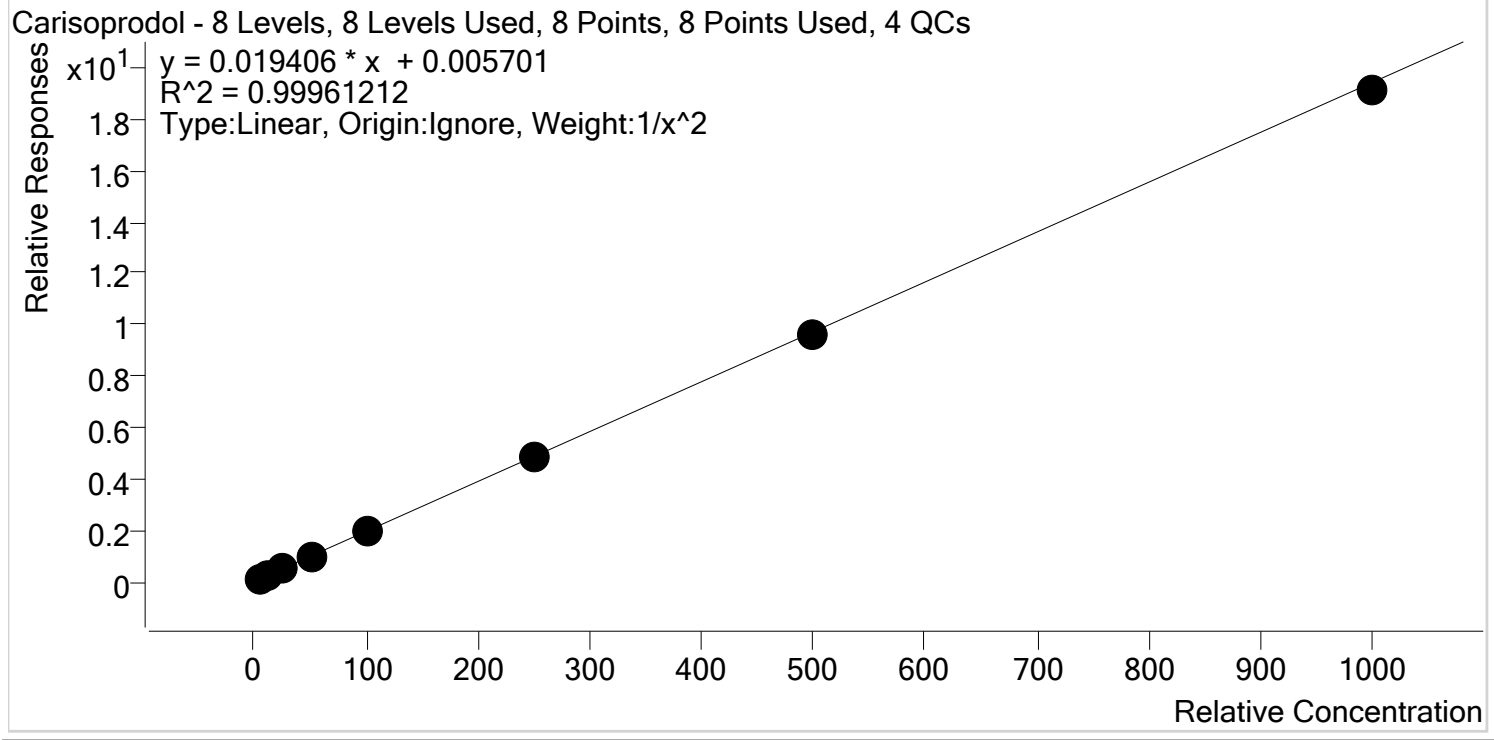
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	496.0	99.2
p1 Cal 8-1000ng	8	✓	1000.0	1003.3	100.3

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



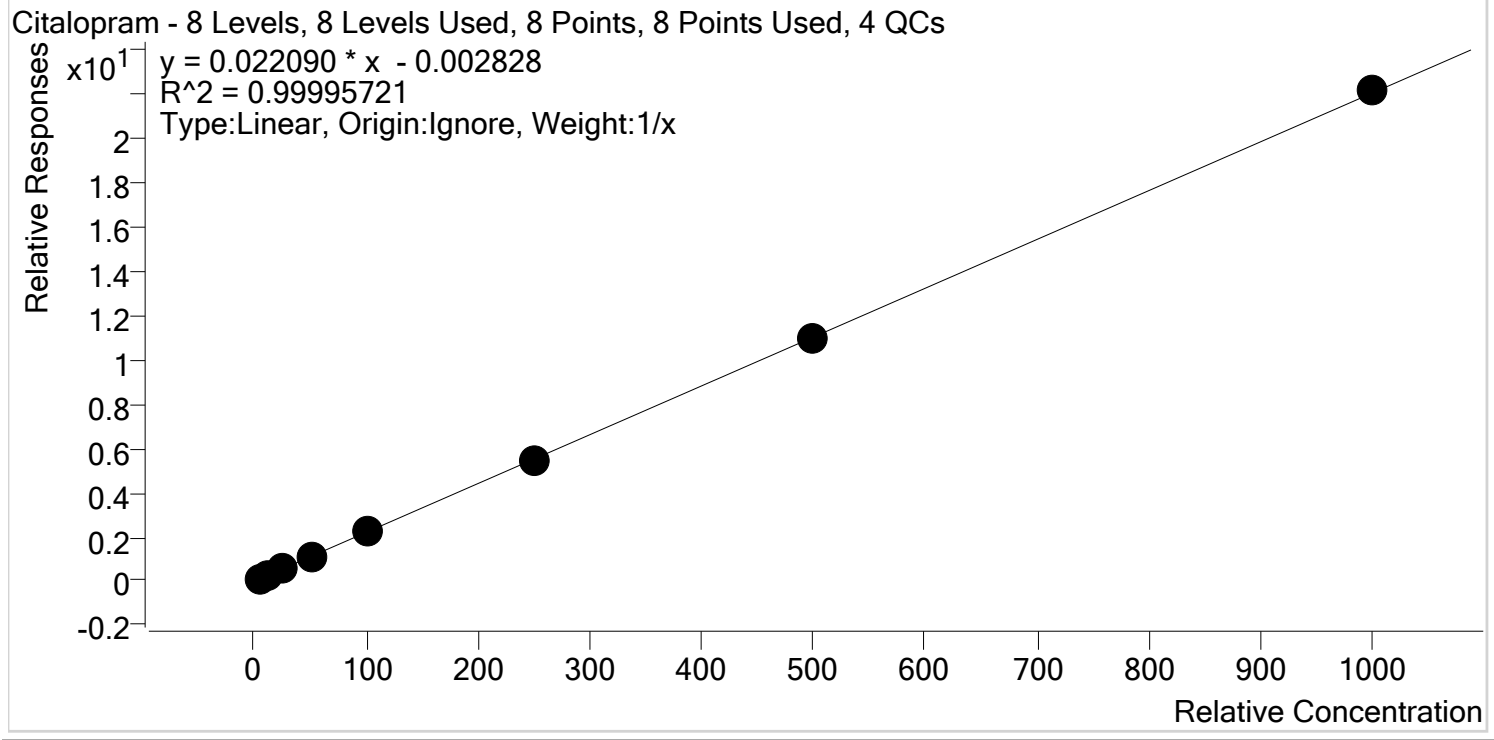
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	51.3	102.5
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	495.9	99.2
p1 Cal 8-1000ng	8	✓	1000.0	983.8	98.4

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



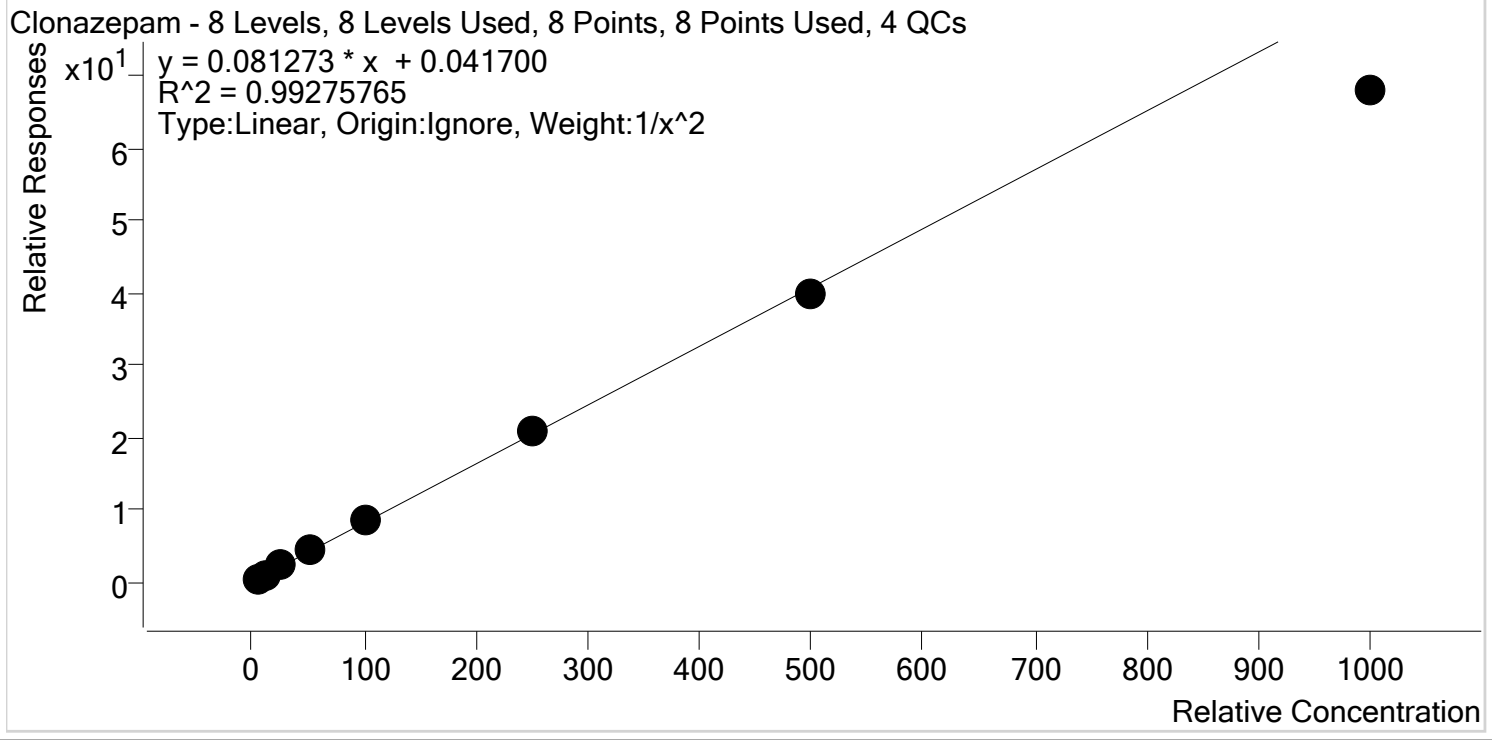
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	495.8	99.2
p1 Cal 8-1000ng	8	✓	1000.0	1005.1	100.5

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



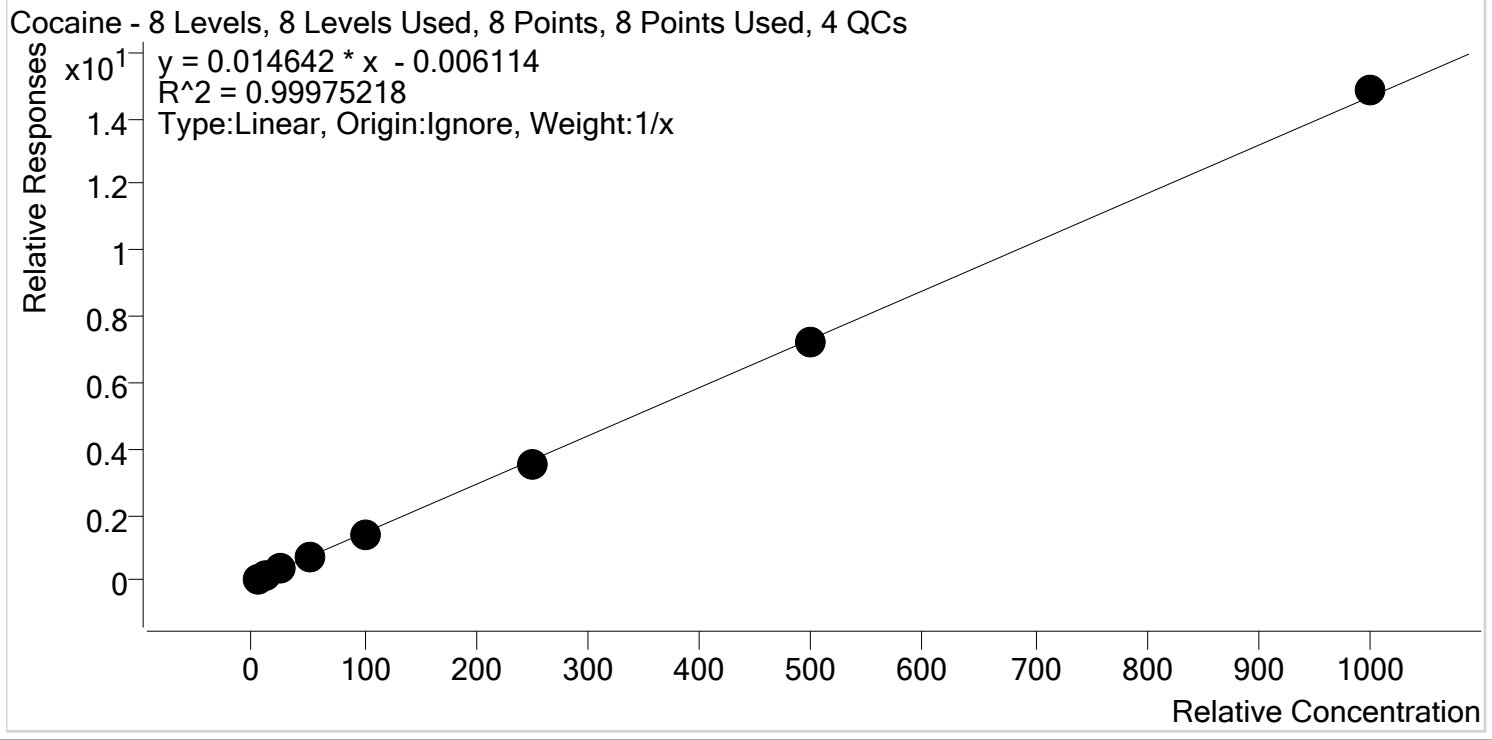
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	258.2	103.3
p1 Cal 7-500ng	7	✓	500.0	491.5	98.3
p1 Cal 8-1000ng	8	✓	1000.0	834.7	83.5

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



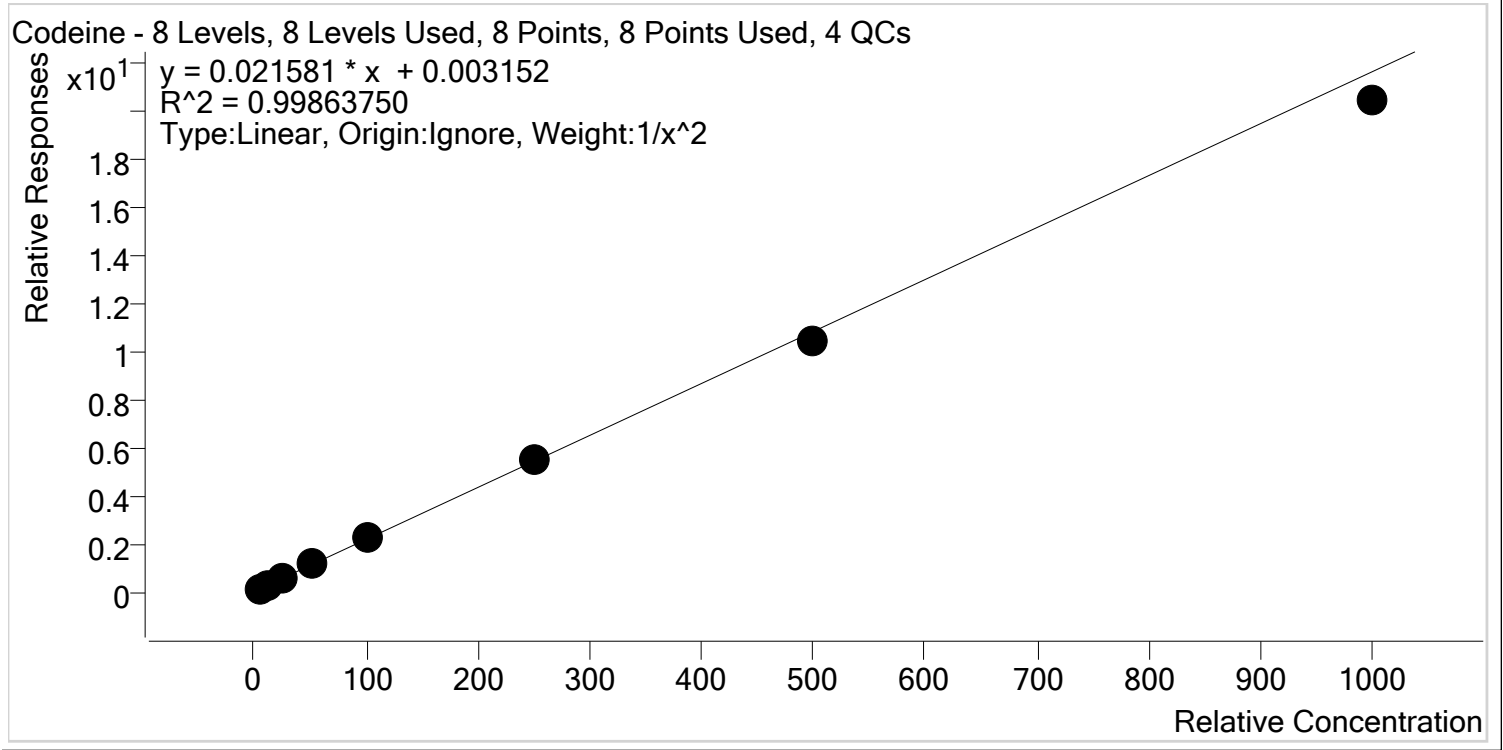
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	107.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	244.9	98.0
p1 Cal 7-500ng	7	✓	500.0	495.8	99.2
p1 Cal 8-1000ng	8	✓	1000.0	1013.0	101.3

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	483.6	96.7
p1 Cal 8-1000ng	8	✓	1000.0	944.4	94.4

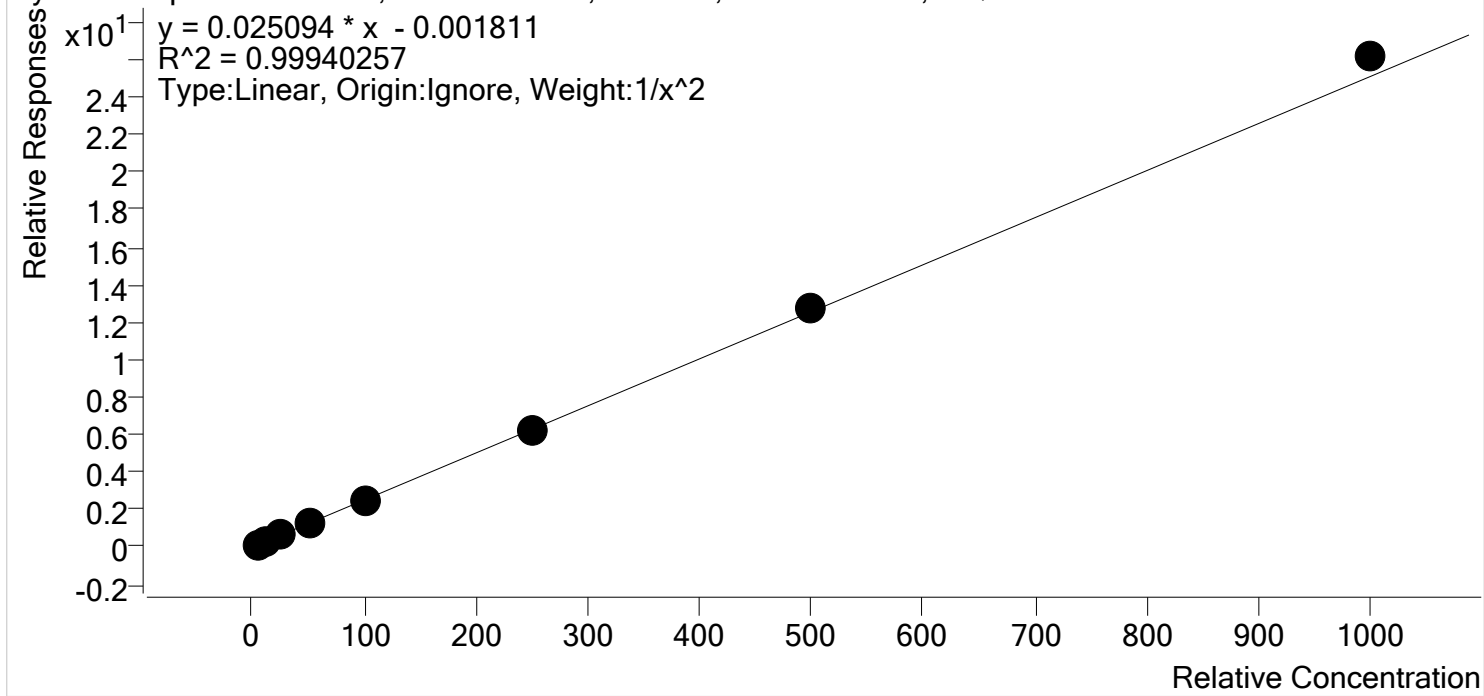
\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



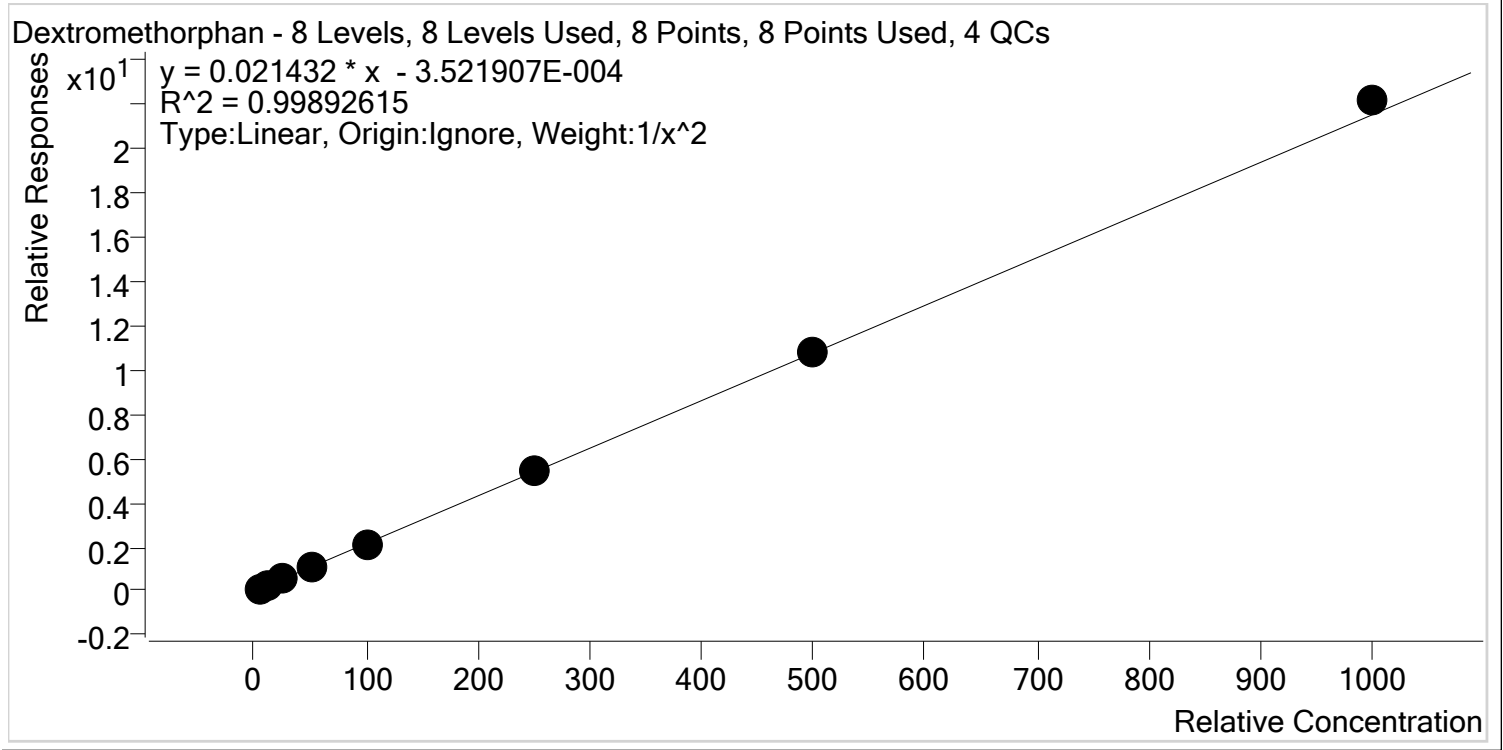
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	49.6	99.1
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	504.5	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1042.4	104.2

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3



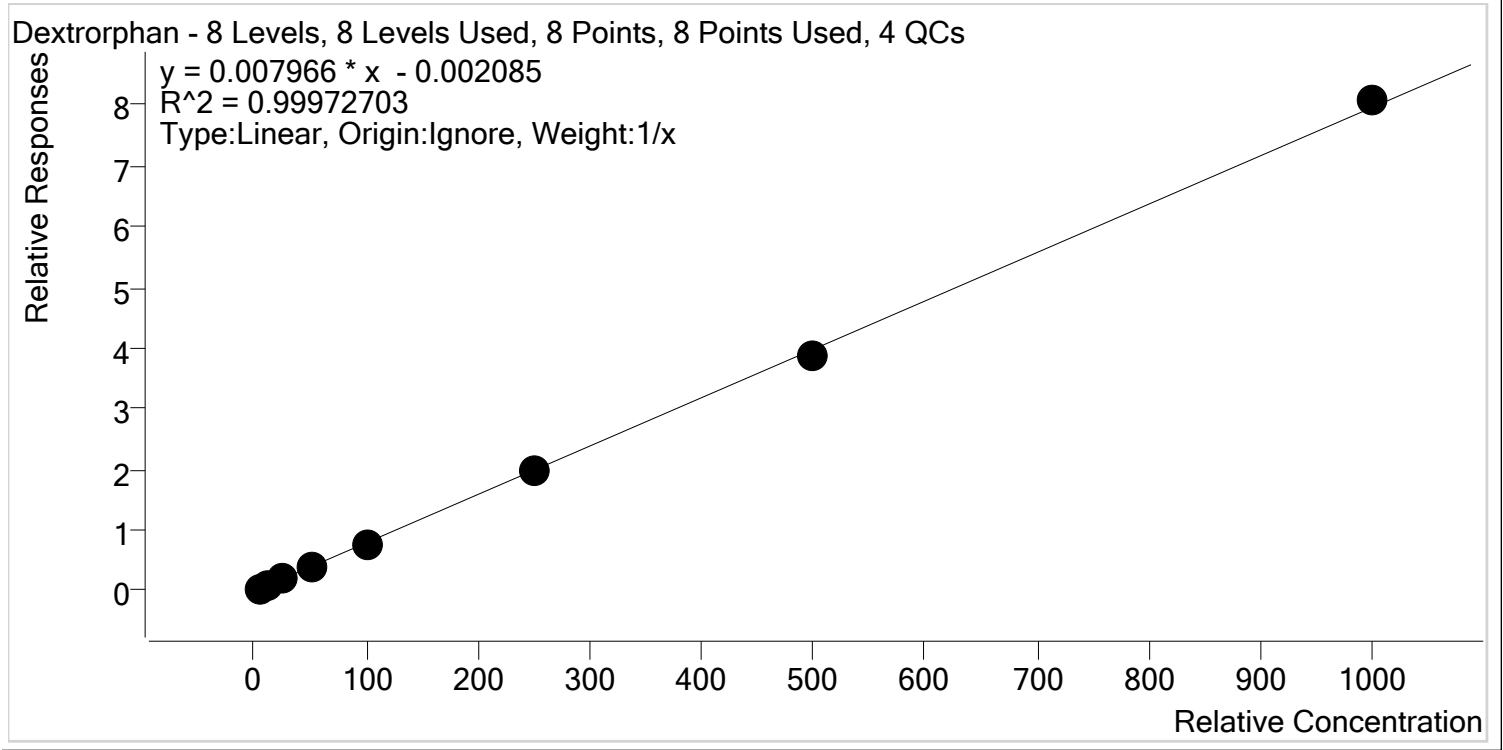
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2- 10ng	2	✓	10.0	9.5	94.7
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	503.0	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1029.9	103.0

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Dextrophan Internal Standard Dextrophan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	489.1	97.8
p1 Cal 8-1000ng	8	✓	1000.0	1014.2	101.4

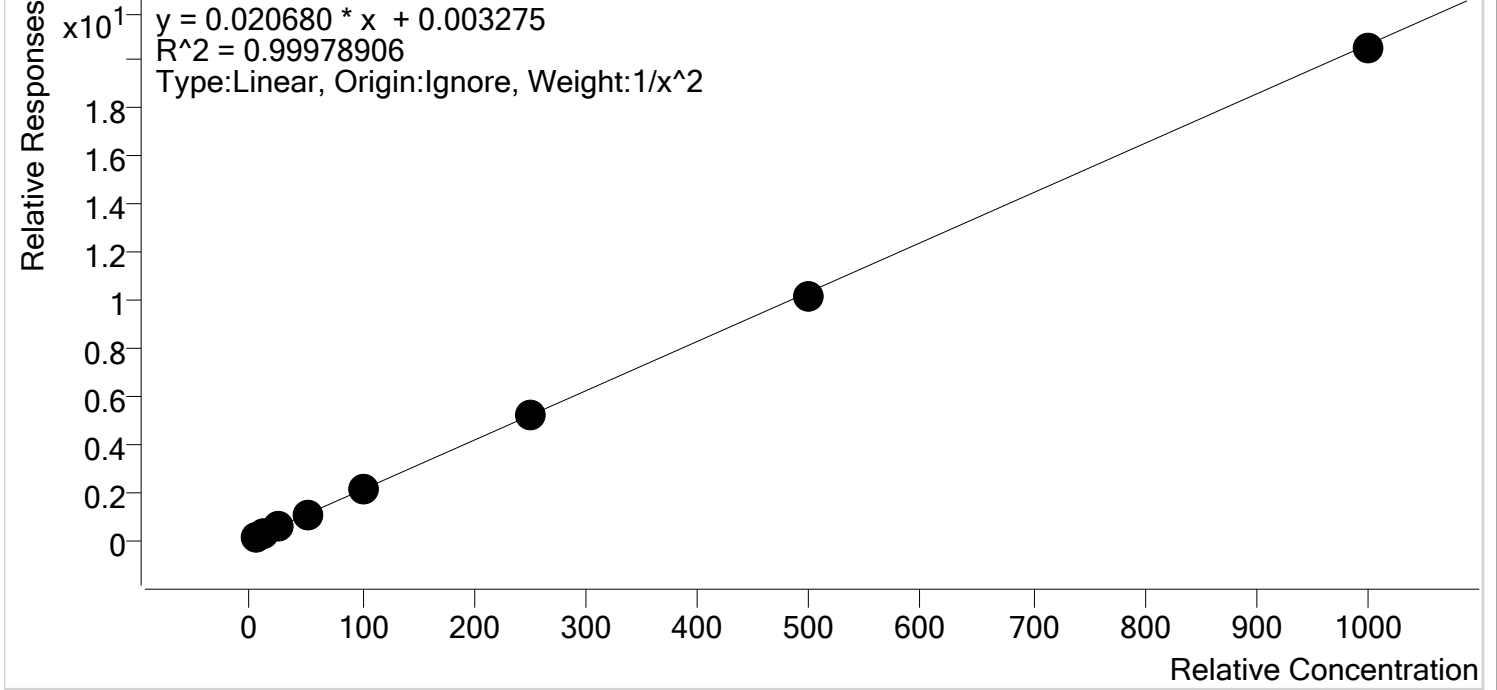
\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	51.1	102.1
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	493.3	98.7
p1 Cal 8-1000ng	8	✓	1000.0	991.8	99.2

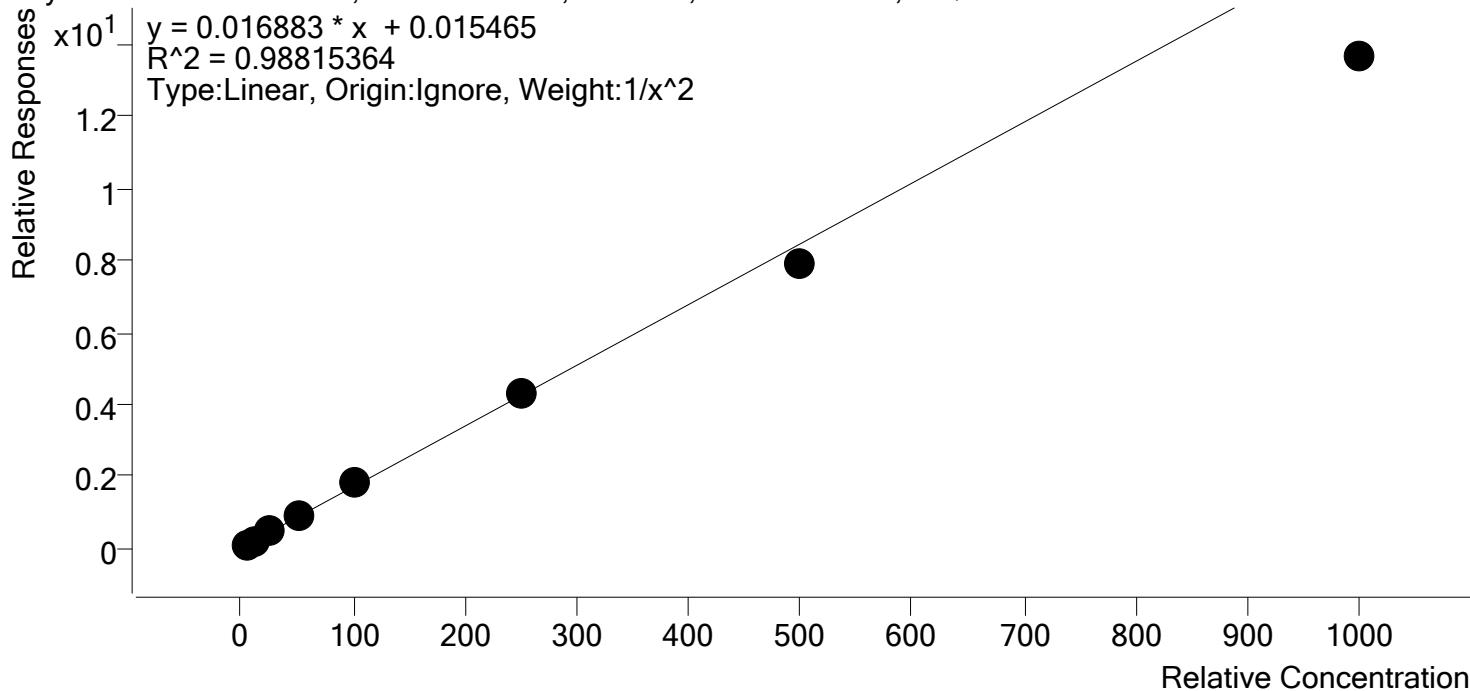
\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



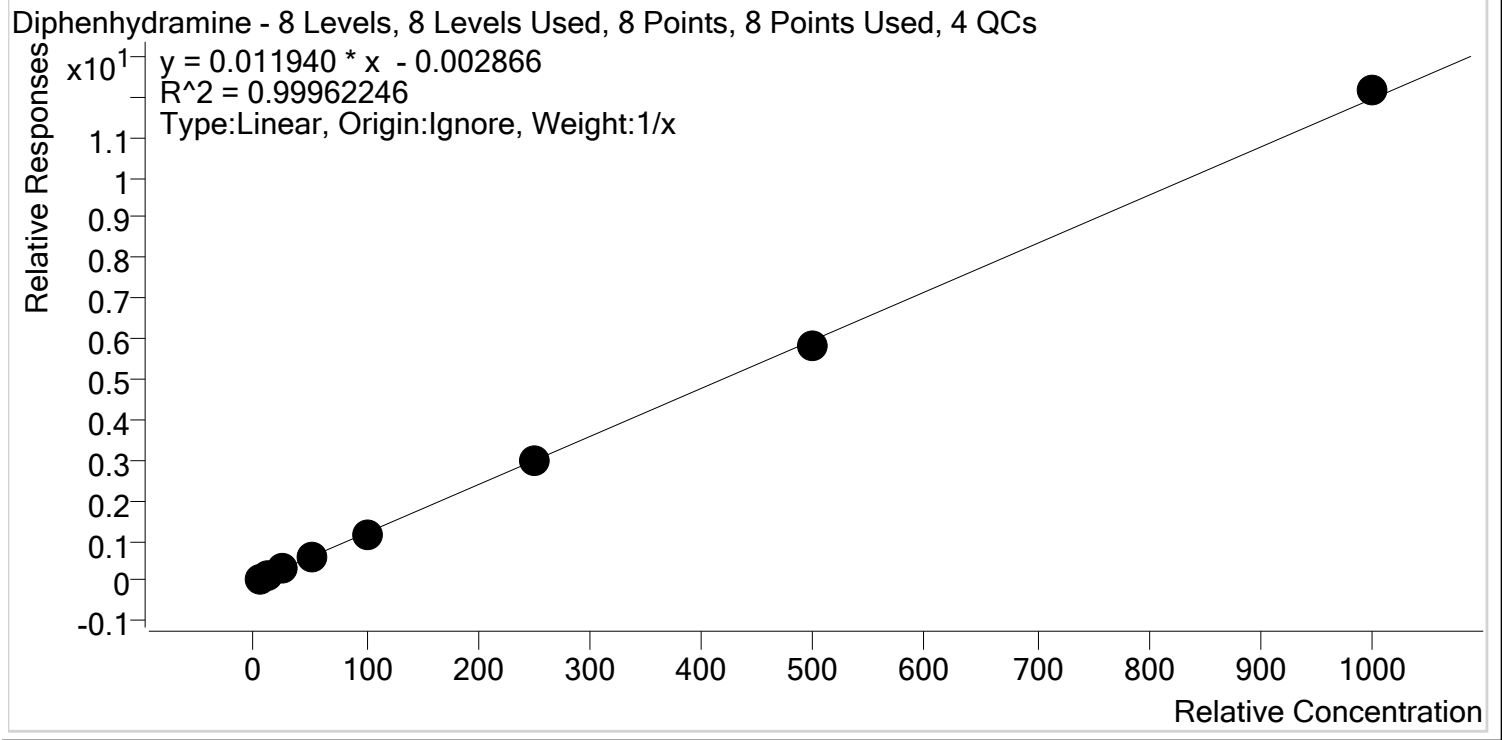
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	108.1	108.1
p1 Cal 6-250ng	6	✓	250.0	256.4	102.6
p1 Cal 7-500ng	7	✓	500.0	468.9	93.8
p1 Cal 8-1000ng	8	✓	1000.0	808.1	80.8

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



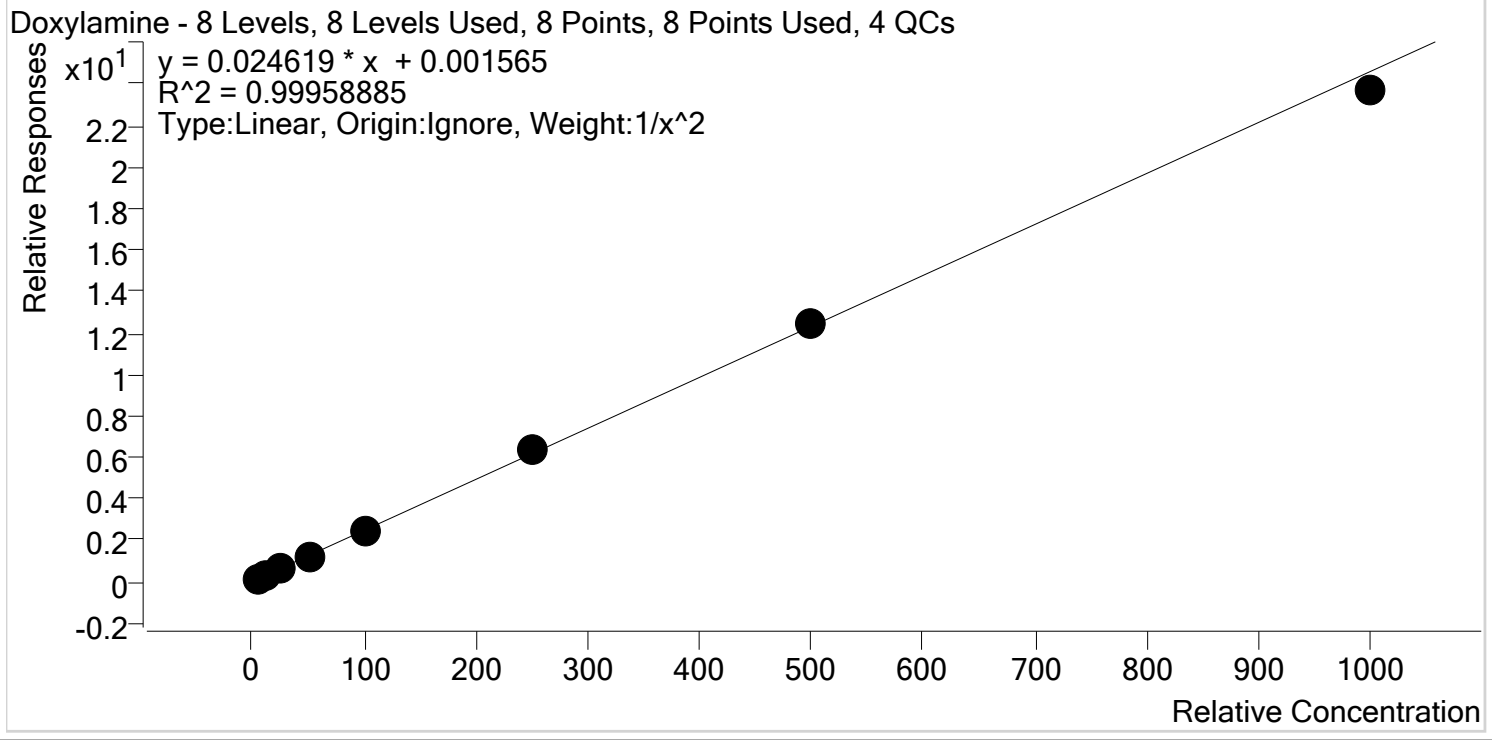
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.5
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	488.1	97.6
p1 Cal 8-1000ng	8	✓	1000.0	1017.2	101.7

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



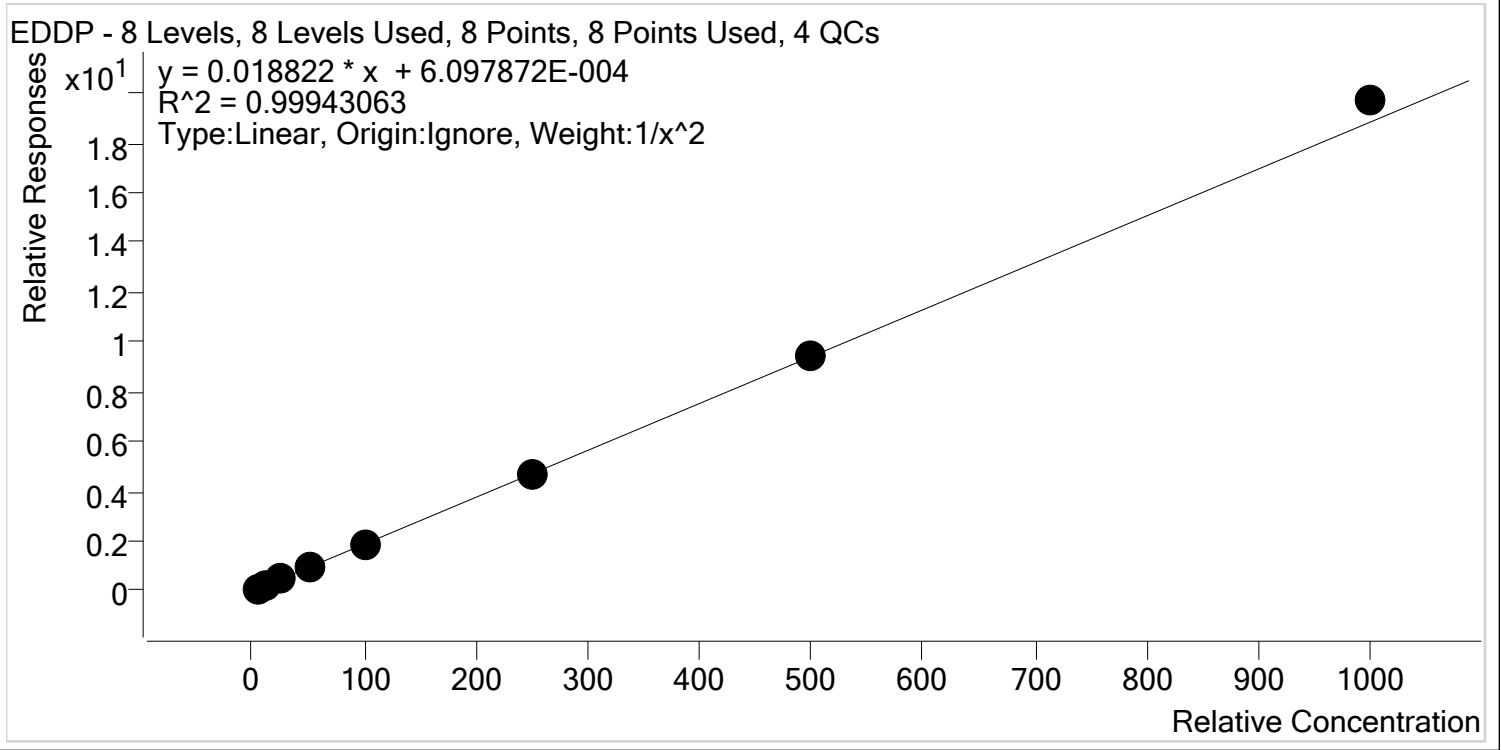
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	507.3	101.5
p1 Cal 8-1000ng	8	✓	1000.0	962.6	96.3

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3



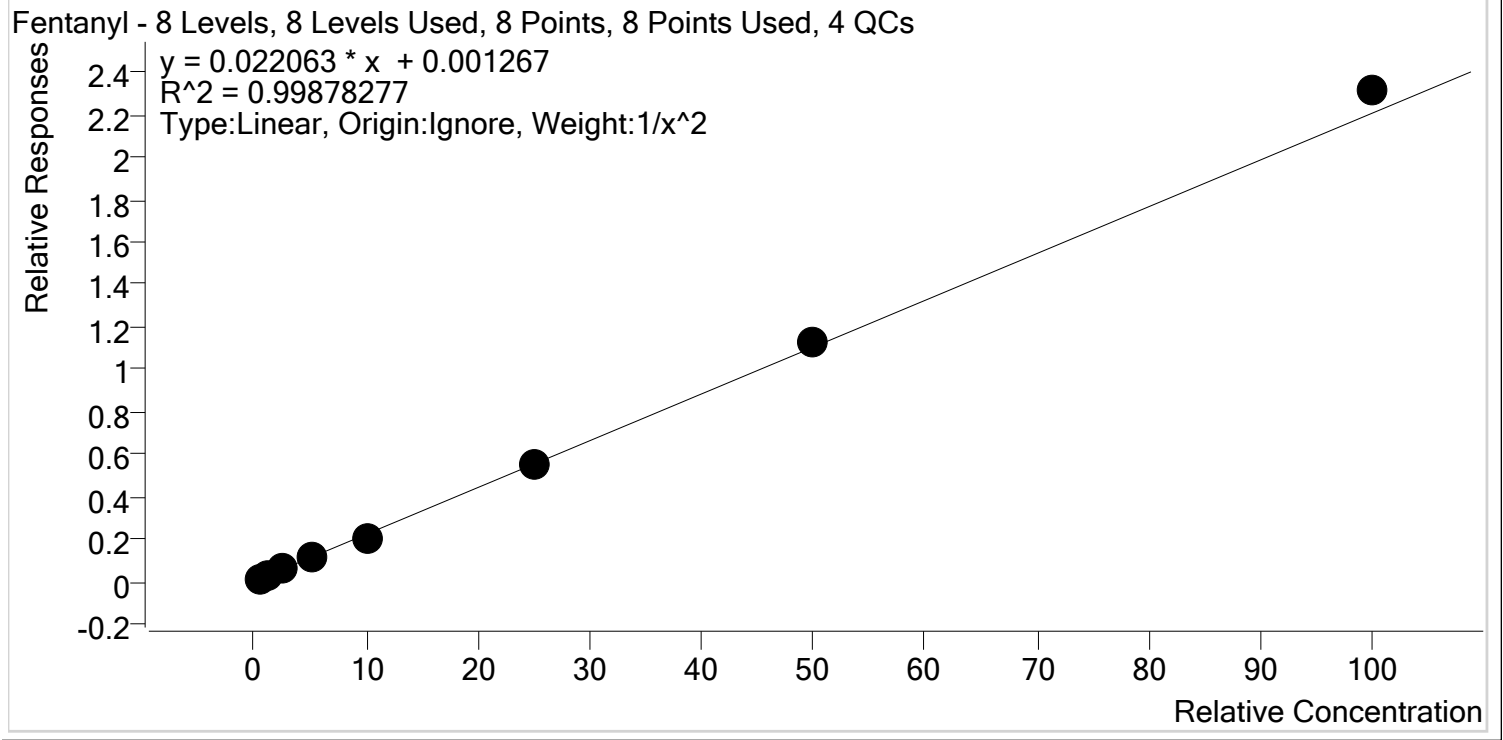
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	49.1	98.3
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	501.5	100.3
p1 Cal 8-1000ng	8	✓	1000.0	1045.9	104.6

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



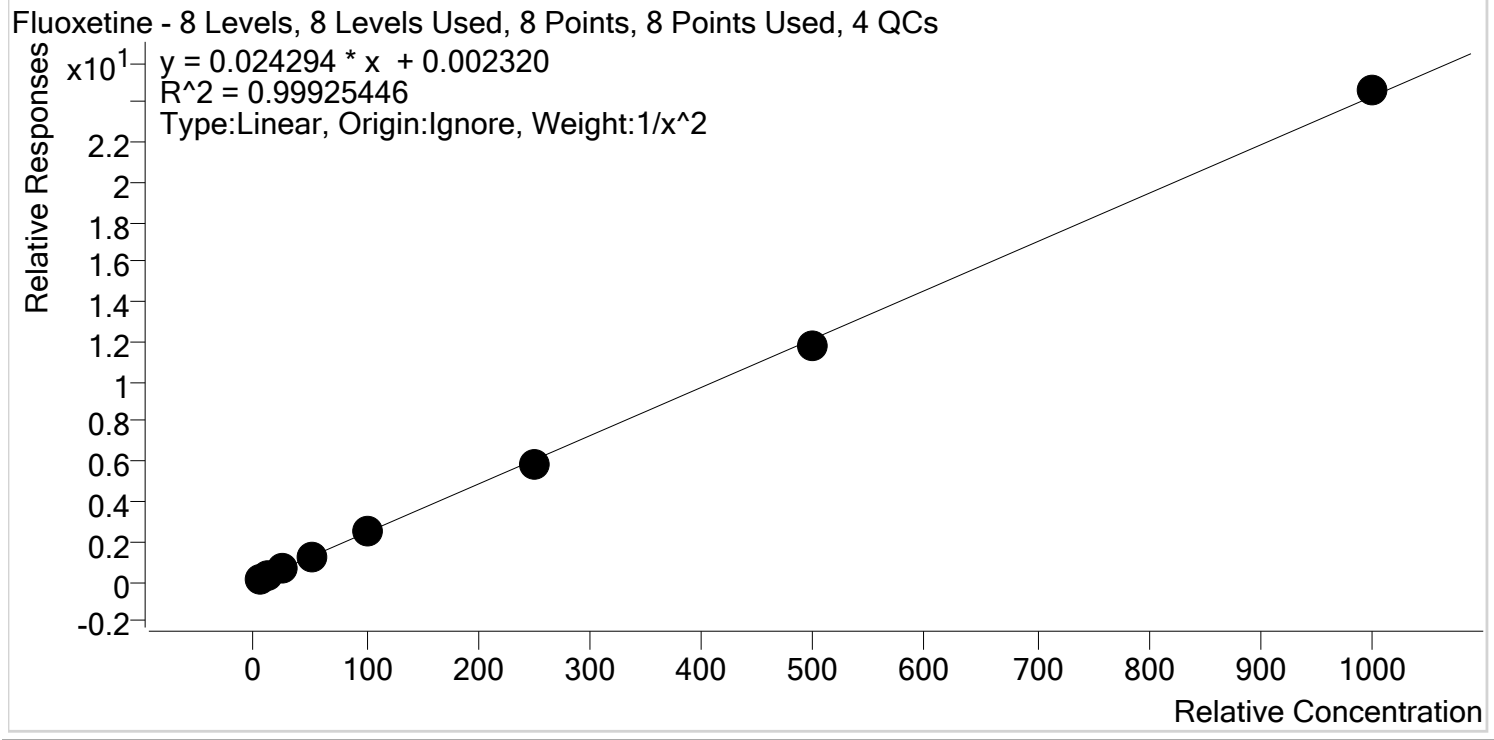
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.4
p1 Cal 2- 10ng	2	✓	1.0	1.0	98.6
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.5
p1 Cal 4-50ng	4	✓	5.0	5.0	100.2
p1 Cal 5-100ng	5	✓	10.0	9.5	94.8
p1 Cal 6-250ng	6	✓	25.0	25.2	100.8
p1 Cal 7-500ng	7	✓	50.0	50.9	101.9
p1 Cal 8-1000ng	8	✓	100.0	104.8	104.8

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	240.2	96.1
p1 Cal 7-500ng	7	✓	500.0	488.8	97.8
p1 Cal 8-1000ng	8	✓	1000.0	1012.3	101.2

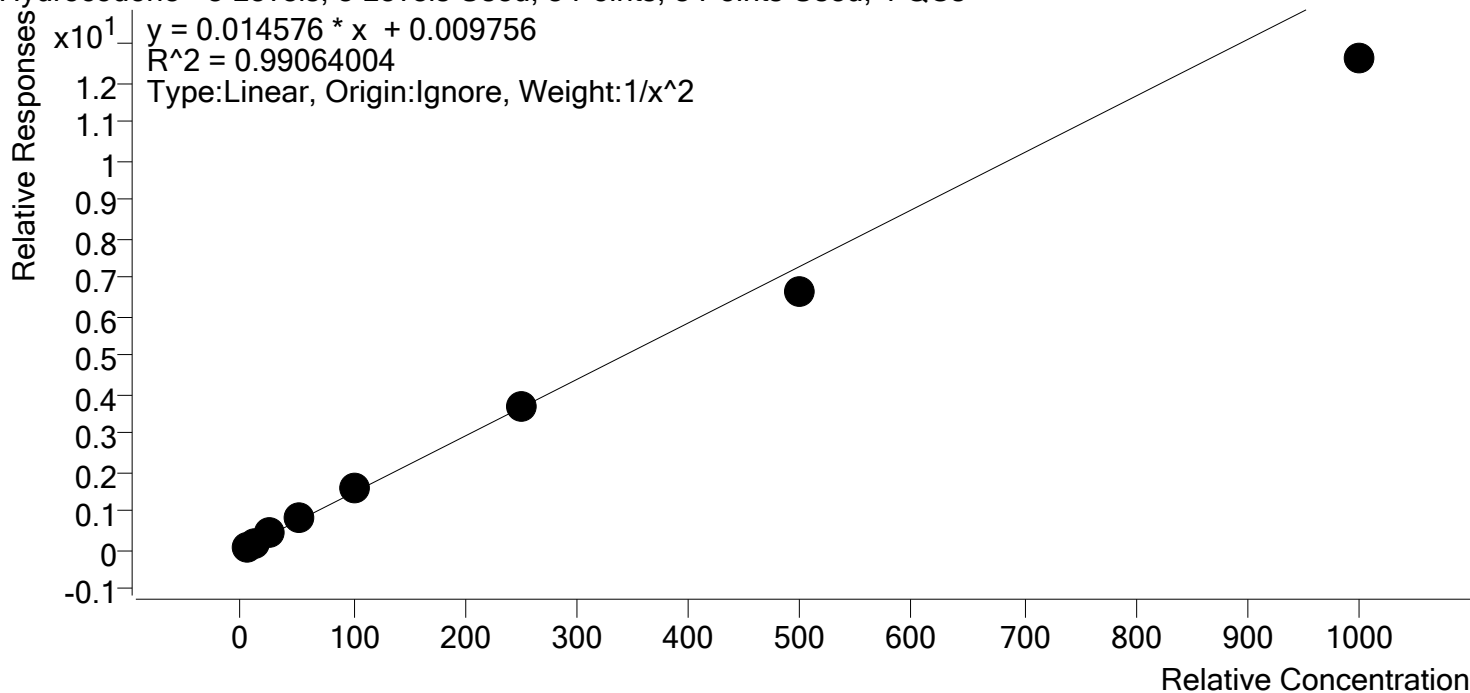
\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



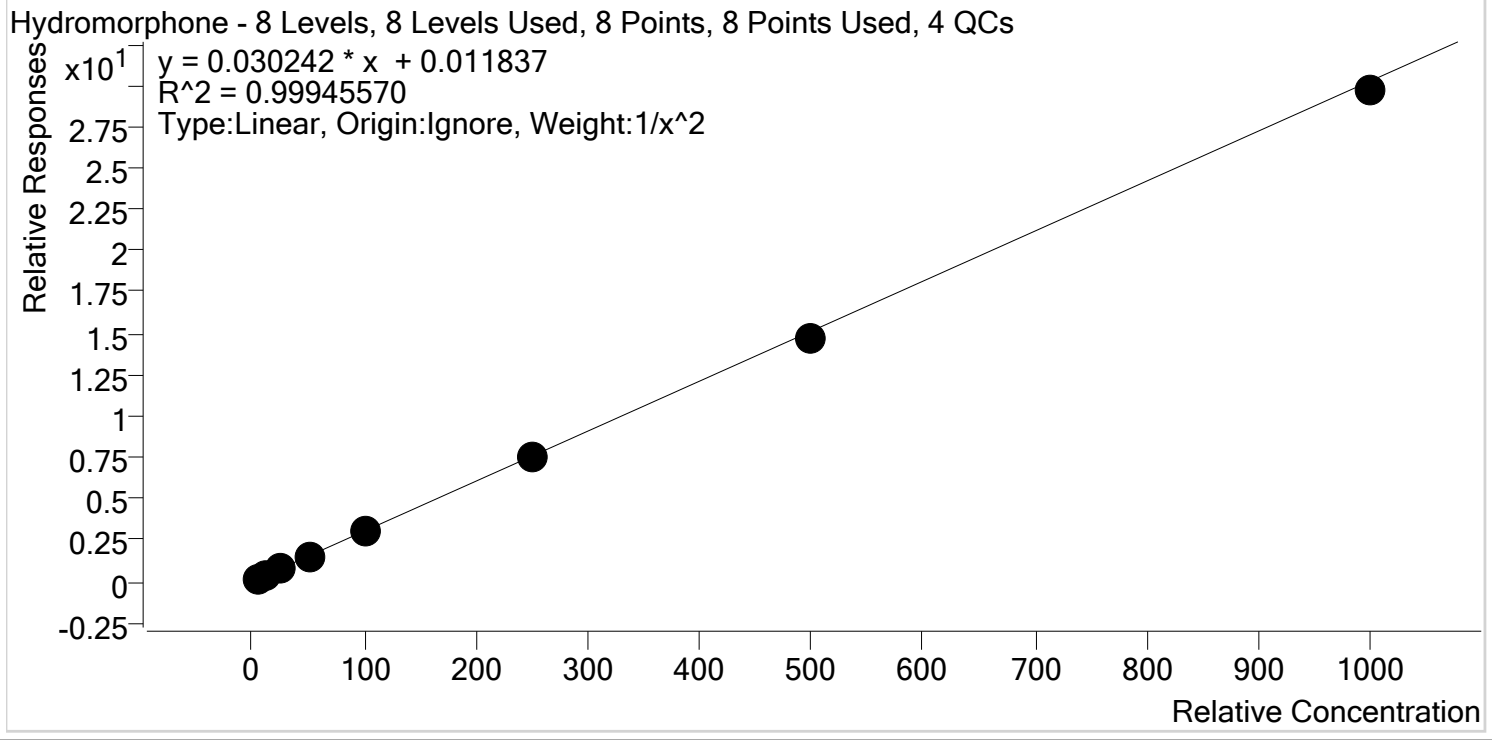
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	54.6	109.3
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	453.0	90.6
p1 Cal 8-1000ng	8	✓	1000.0	866.5	86.6

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



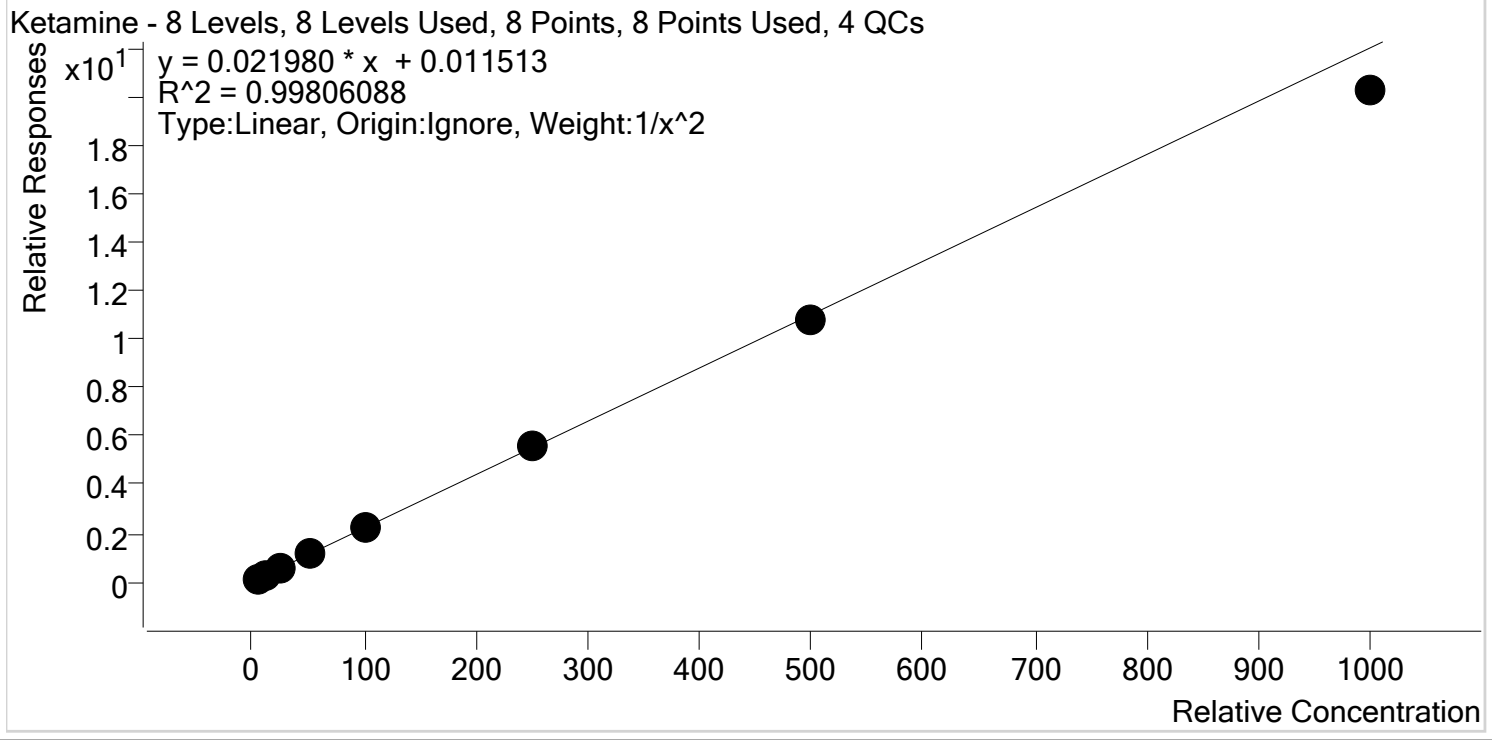
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	245.5	98.2
p1 Cal 7-500ng	7	✓	500.0	489.3	97.9
p1 Cal 8-1000ng	8	✓	1000.0	981.0	98.1

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	491.4	98.3
p1 Cal 8-1000ng	8	✓	1000.0	919.9	92.0

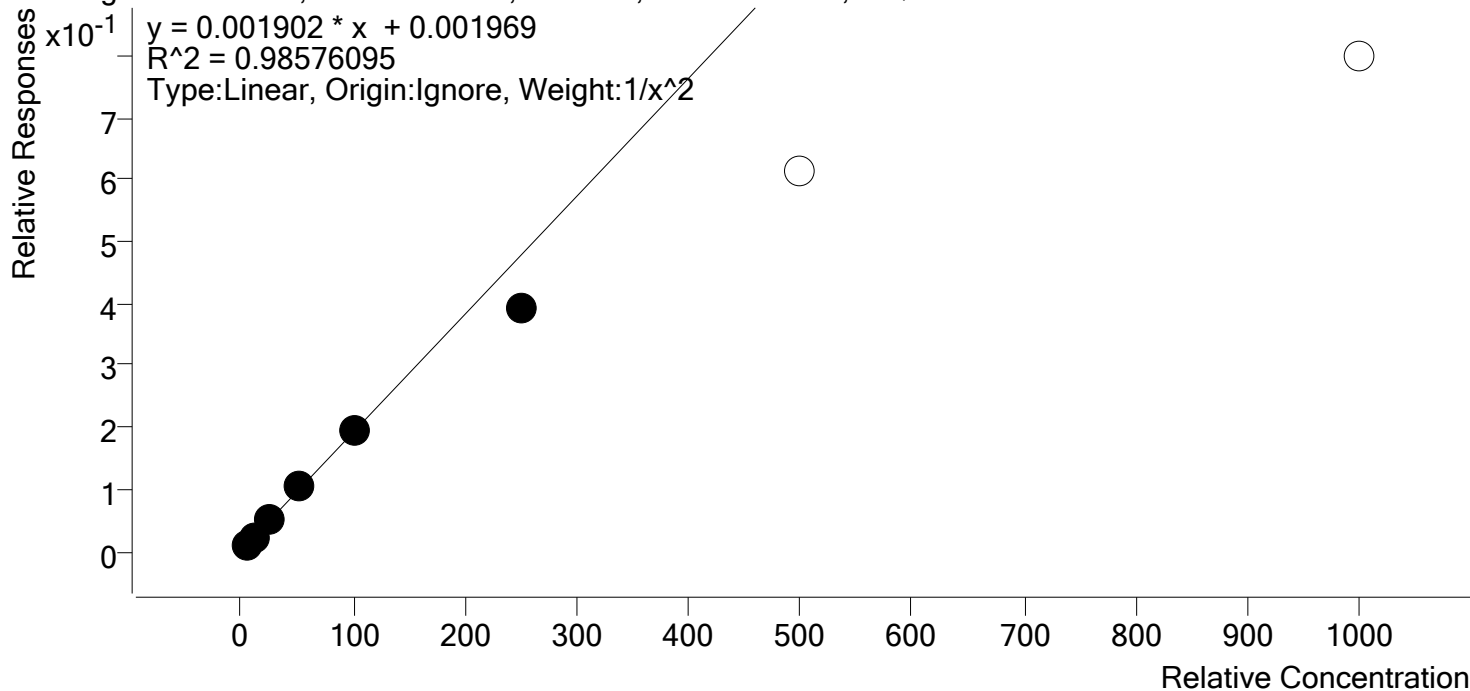
\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2- 10ng	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	54.6	109.3
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	206.3	82.5
p1 Cal 7-500ng	7	x	500.0	322.7	64.5
p1 Cal 8-1000ng	8	x	1000.0	418.4	41.8

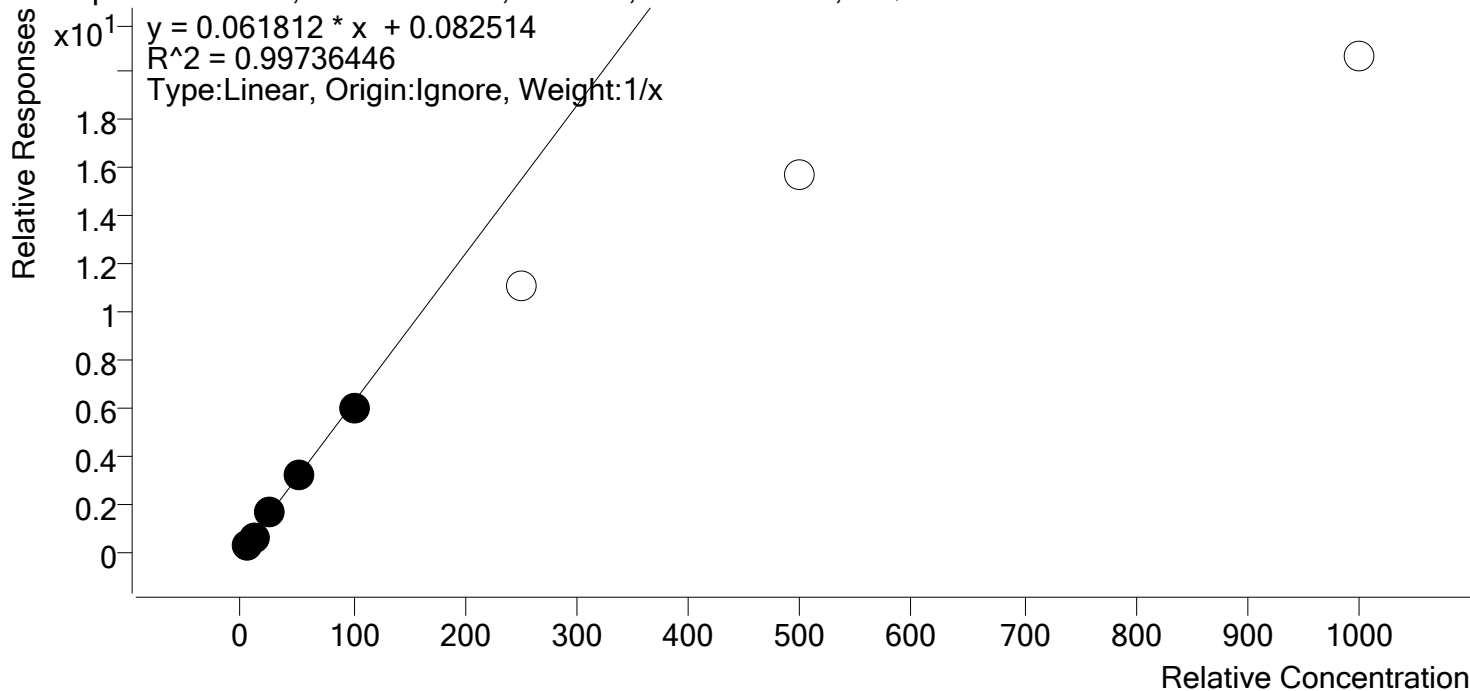
\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

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



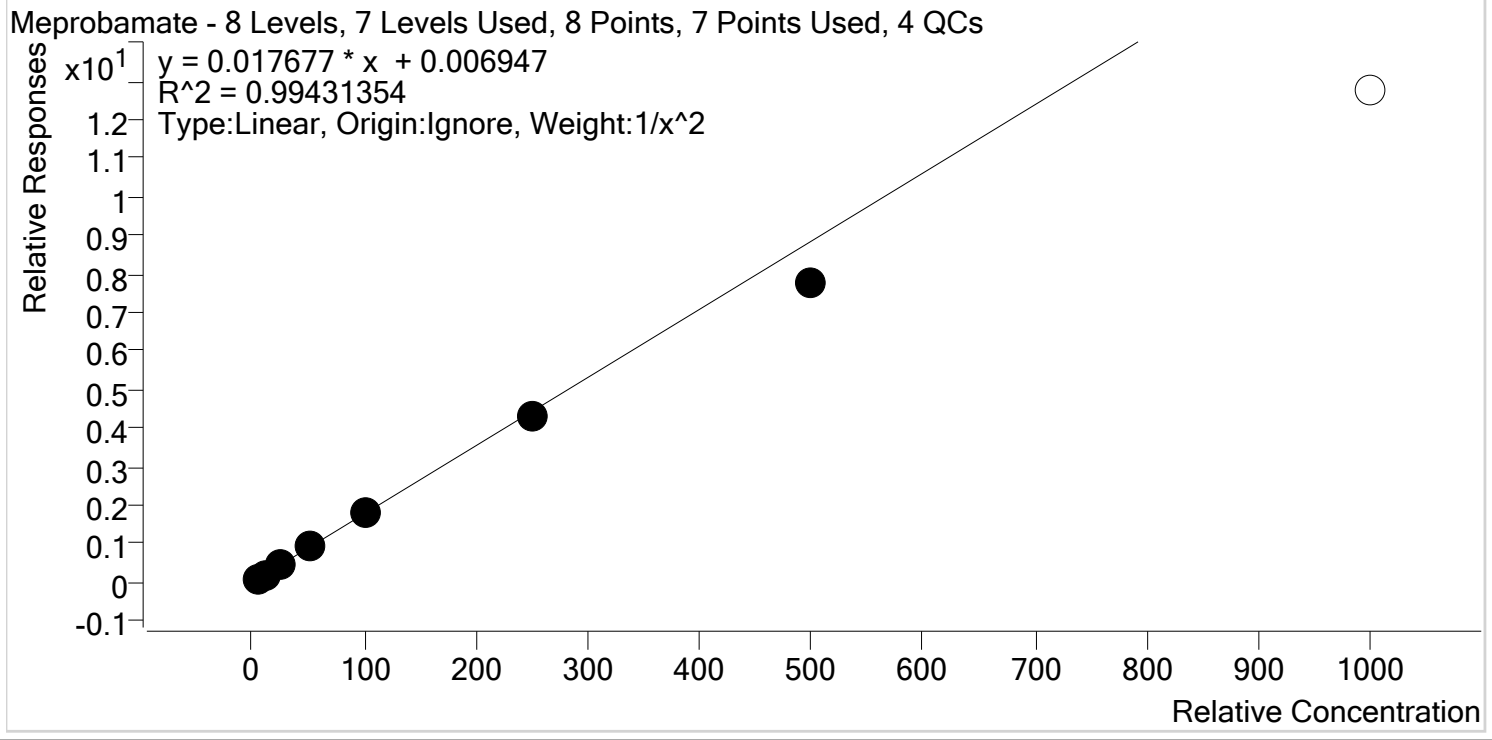
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	91.3
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	x	250.0	178.6	71.4
p1 Cal 7-500ng	7	x	500.0	254.4	50.9
p1 Cal 8-1000ng	8	x	1000.0	333.0	33.3

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



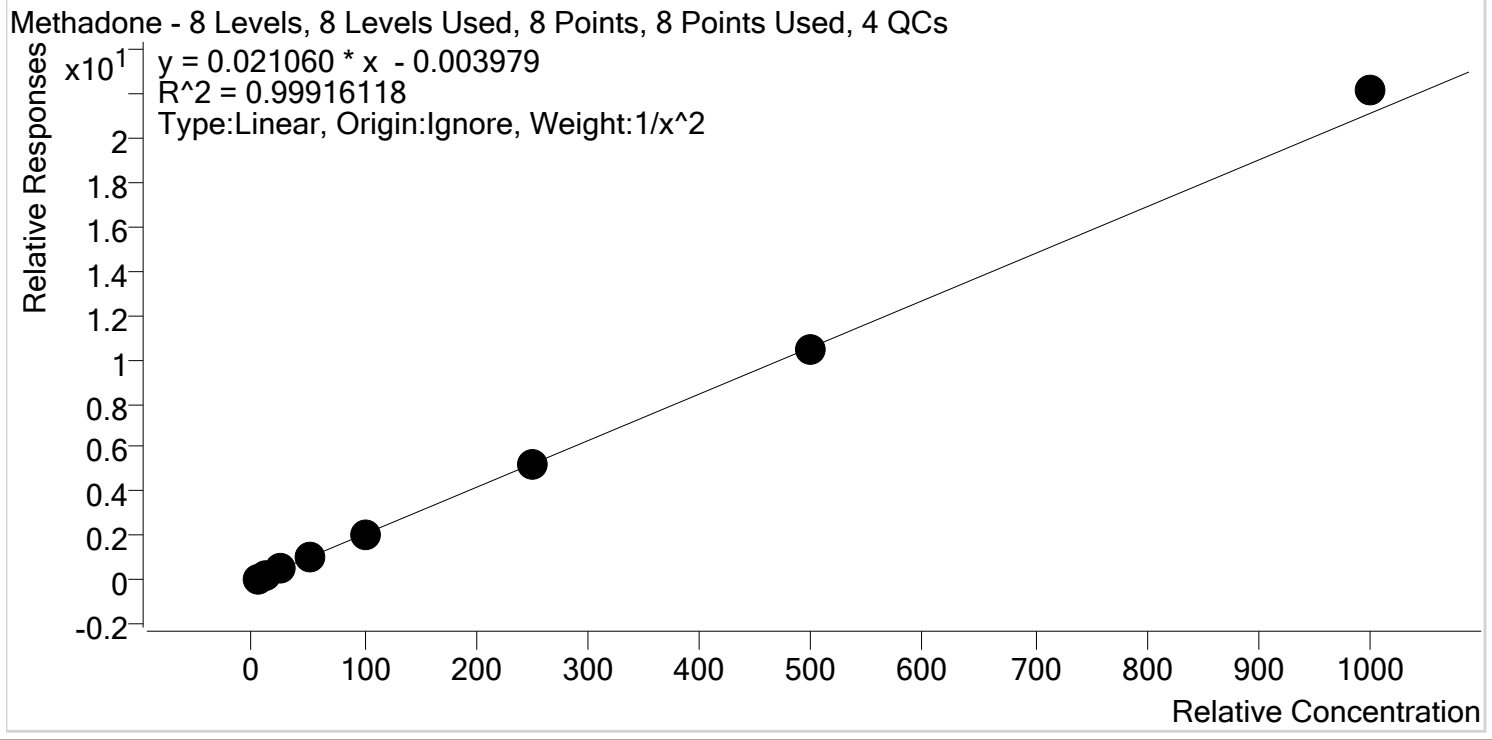
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	245.1	98.0
p1 Cal 7-500ng	7	✓	500.0	439.3	87.9
p1 Cal 8-1000ng	8	✗	1000.0	720.8	72.1

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



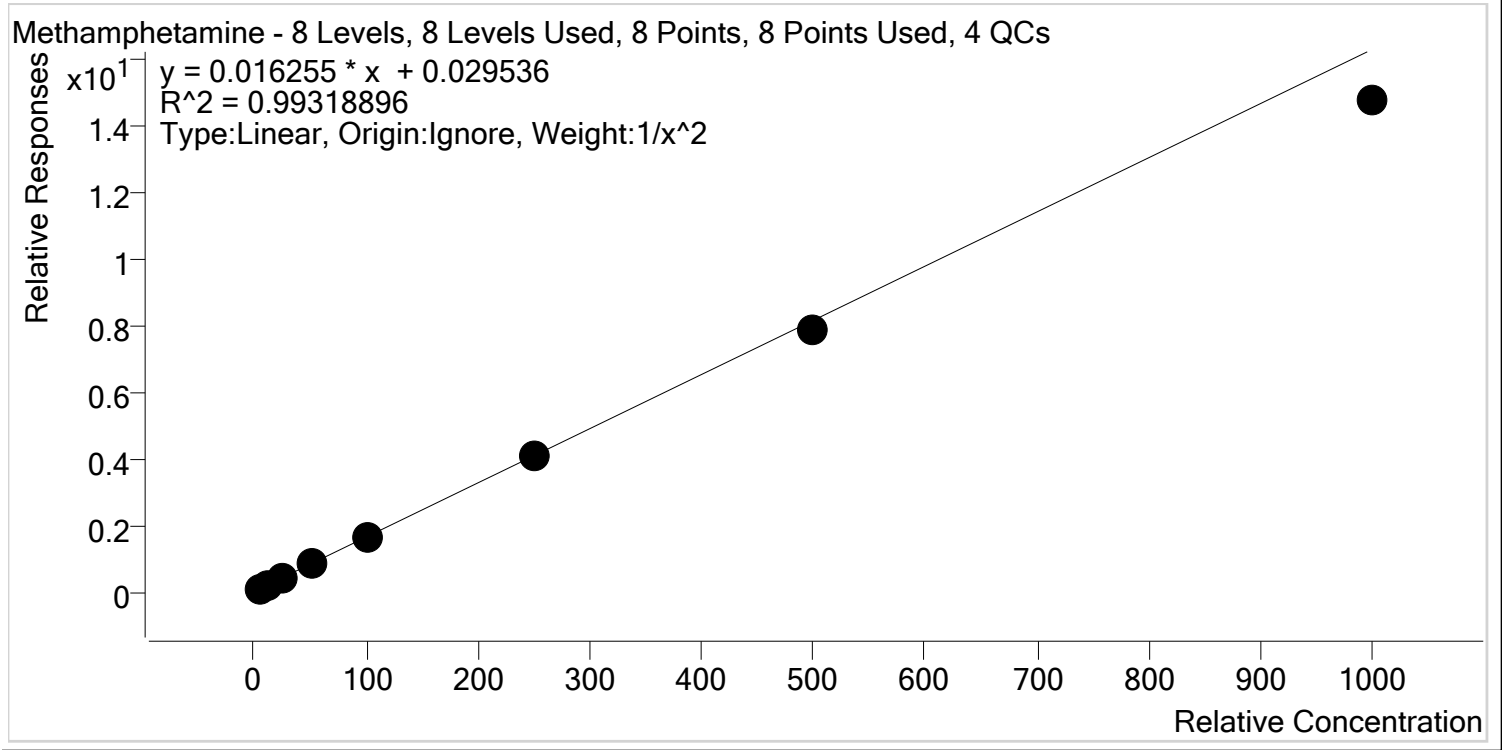
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	48.5	96.9
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	492.8	98.6
p1 Cal 8-1000ng	8	✓	1000.0	1048.6	104.9

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
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	4.6	92.5
p1 Cal 2- 10ng	2	✓	10.0	11.2	112.4
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	482.4	96.5
p1 Cal 8-1000ng	8	✓	1000.0	905.6	90.6

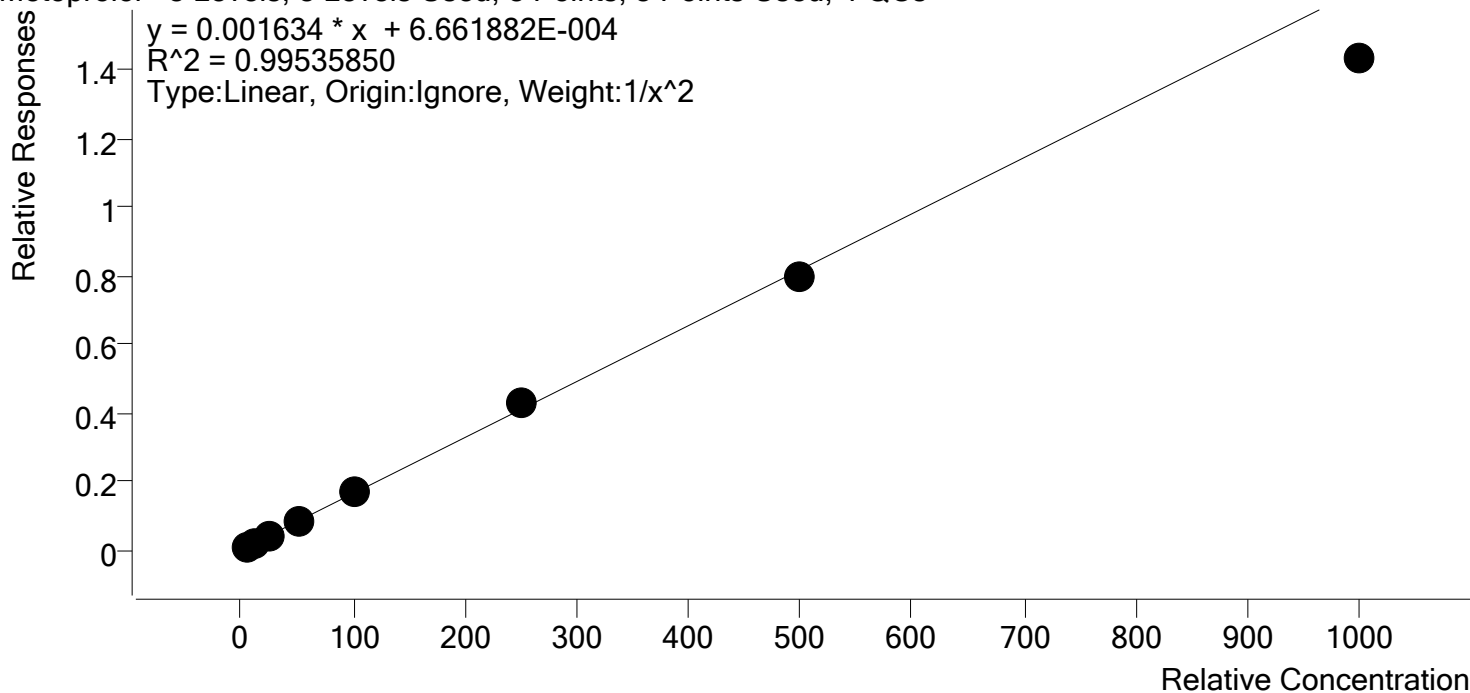
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



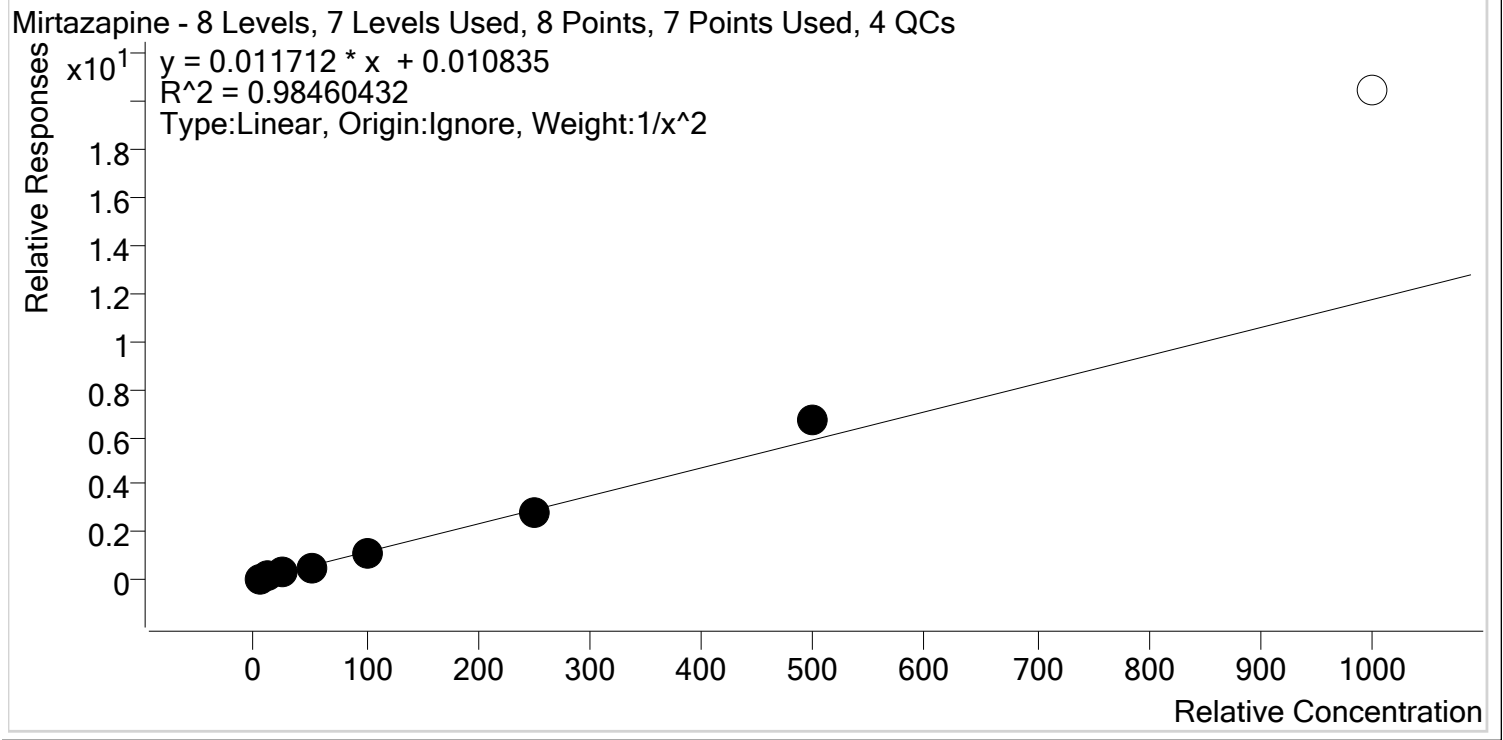
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	261.0	104.4
p1 Cal 7-500ng	7	✓	500.0	484.9	97.0
p1 Cal 8-1000ng	8	✓	1000.0	877.3	87.7

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



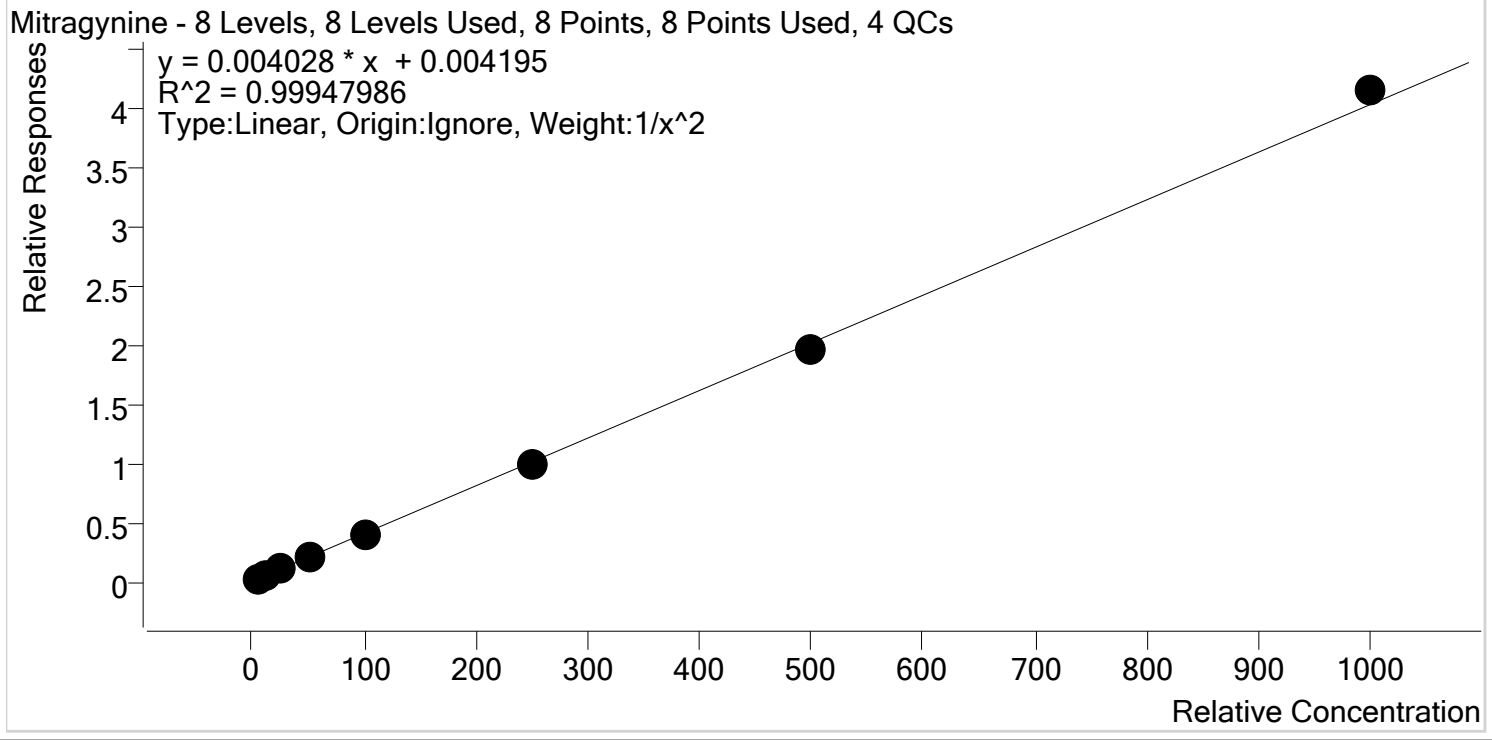
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.6
p1 Cal 2- 10ng	2	✓	10.0	11.5	114.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	43.2	86.4
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	241.6	96.6
p1 Cal 7-500ng	7	✓	500.0	570.7	114.1
p1 Cal 8-1000ng	8	x	1000.0	1745.1	174.5

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



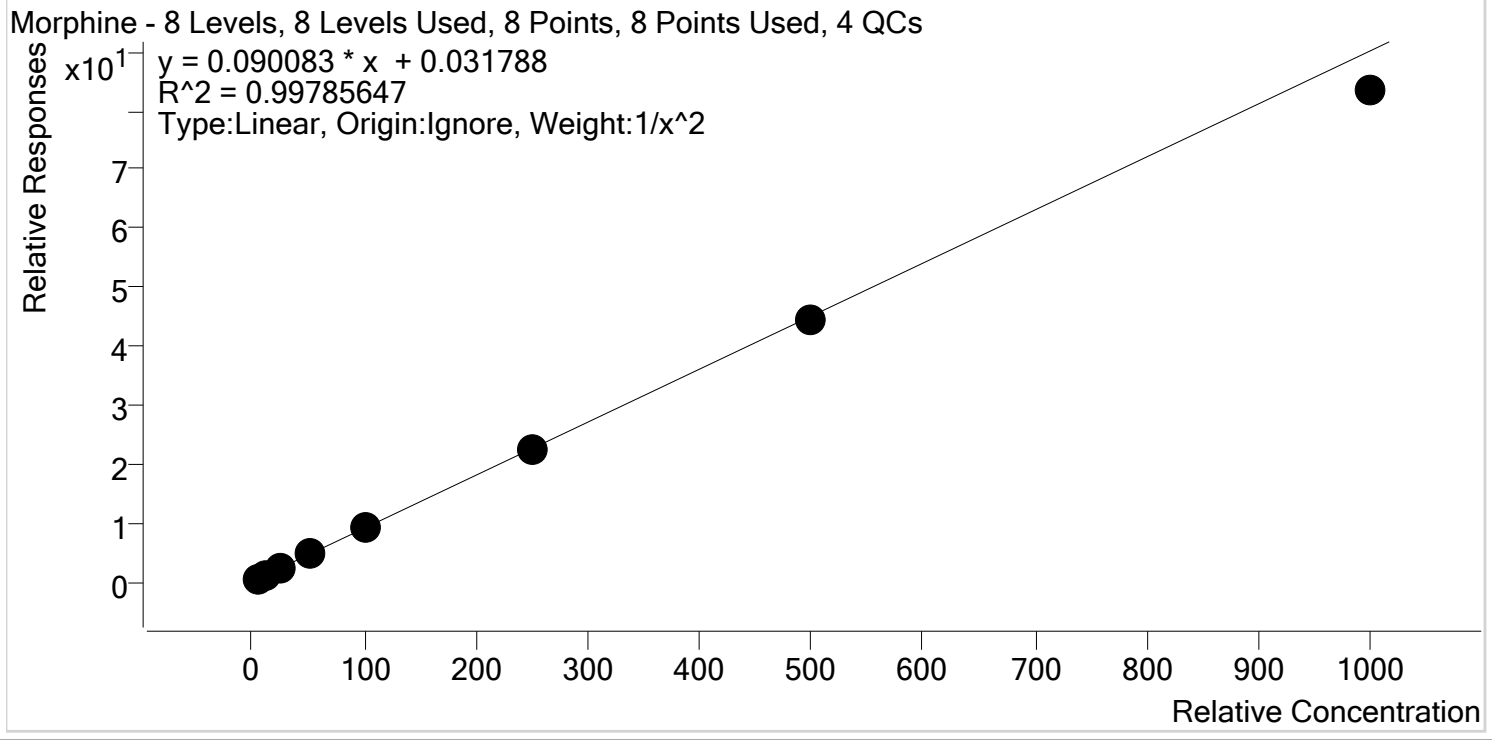
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	485.5	97.1
p1 Cal 8-1000ng	8	✓	1000.0	1029.4	102.9

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	52.2	104.5
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	495.6	99.1
p1 Cal 8-1000ng	8	✓	1000.0	925.2	92.5

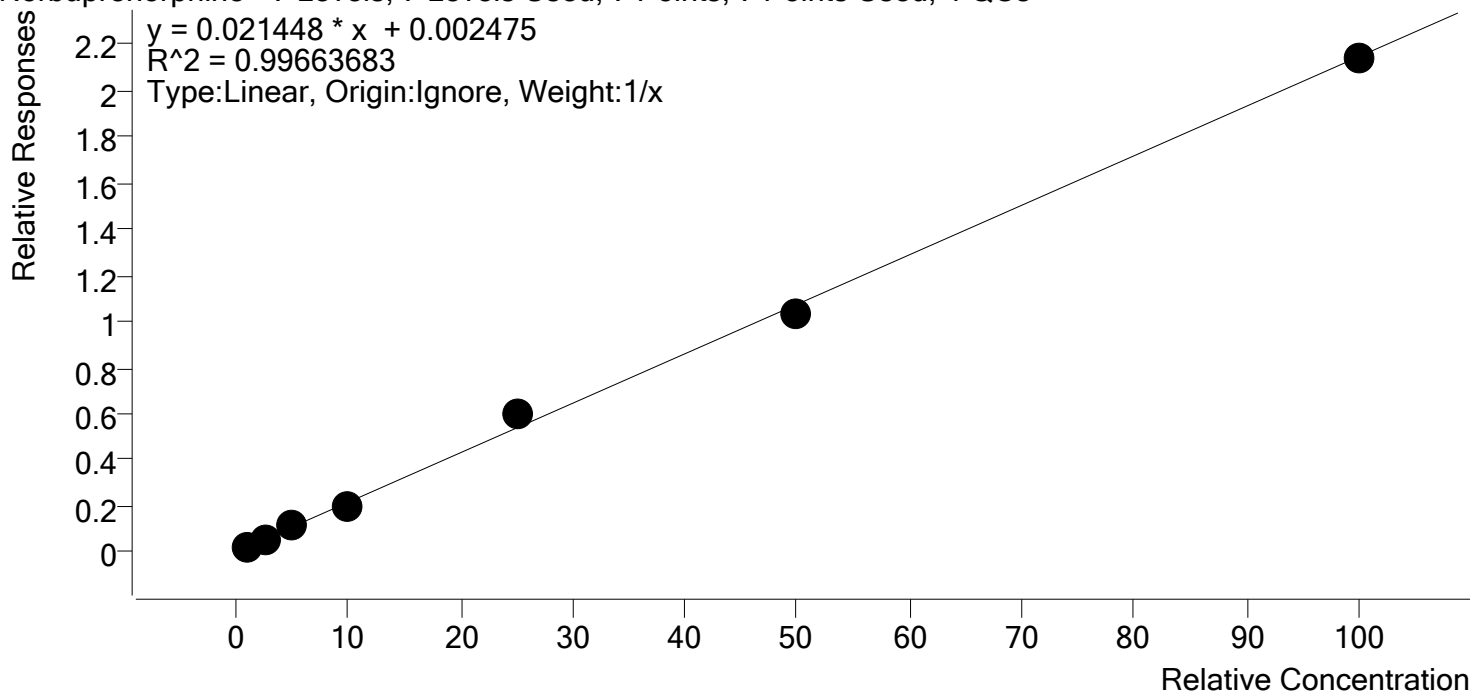
\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2- 10ng	2	✓	1.0	1.0	102.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.9
p1 Cal 4-50ng	4	✓	5.0	5.1	102.0
p1 Cal 5-100ng	5	✓	10.0	9.1	91.3
p1 Cal 6-250ng	6	✓	25.0	28.2	112.7
p1 Cal 7-500ng	7	✓	50.0	48.1	96.2
p1 Cal 8-1000ng	8	✓	100.0	99.6	99.6

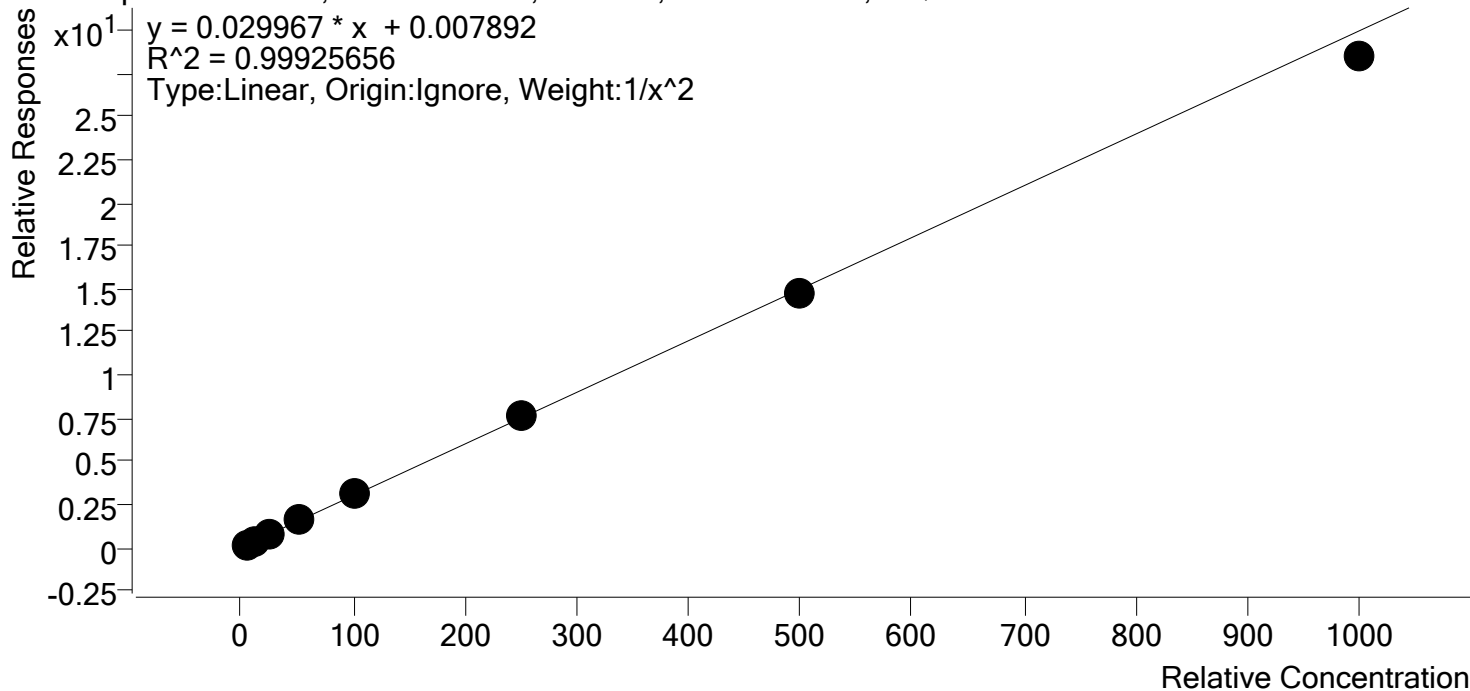
\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



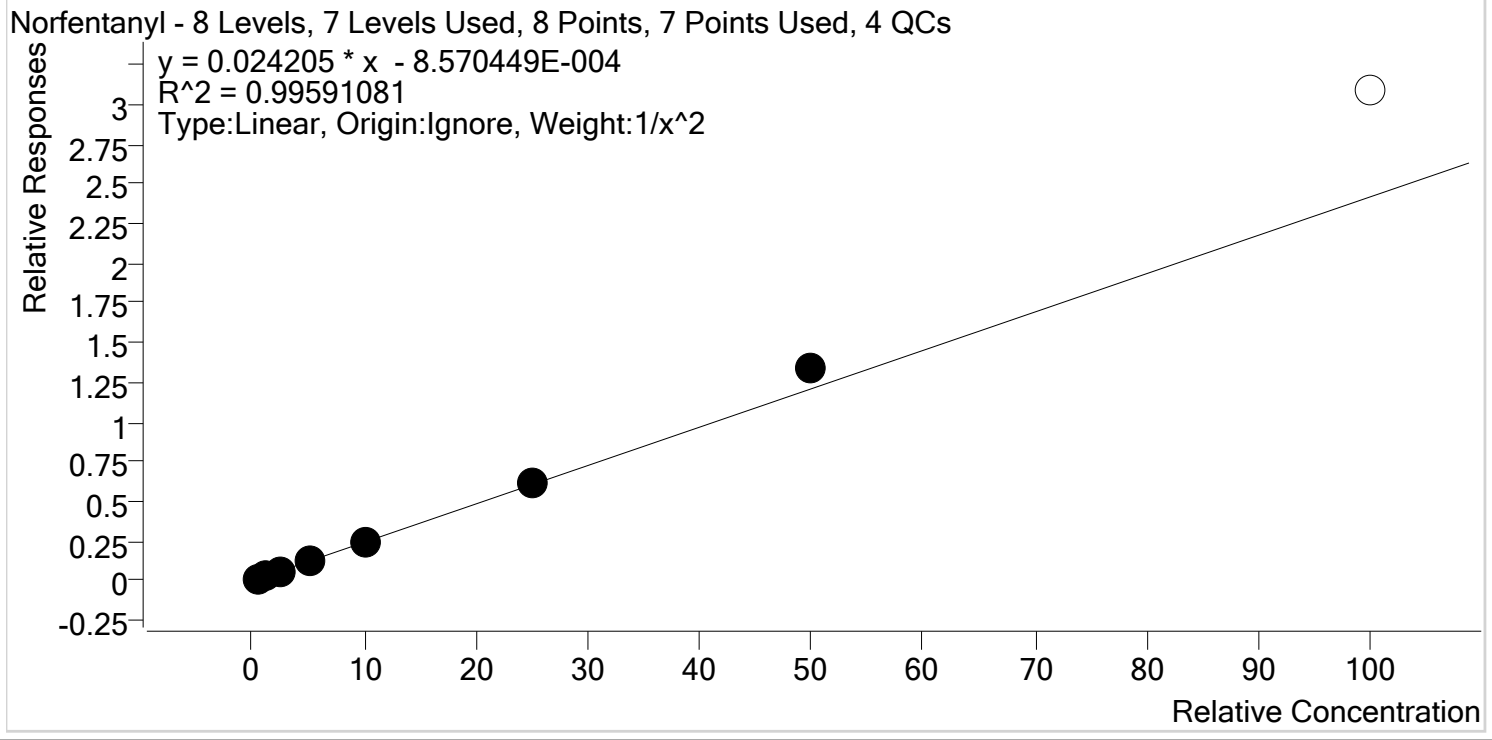
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	494.3	98.9
p1 Cal 8-1000ng	8	✓	1000.0	950.2	95.0

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.8
p1 Cal 2- 10ng	2	✓	1.0	1.0	97.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.4
p1 Cal 4-50ng	4	✓	5.0	4.9	97.4
p1 Cal 5-100ng	5	✓	10.0	9.6	95.6
p1 Cal 6-250ng	6	✓	25.0	25.3	101.2
p1 Cal 7-500ng	7	✓	50.0	55.3	110.5
p1 Cal 8-1000ng	8	✗	100.0	127.7	127.7

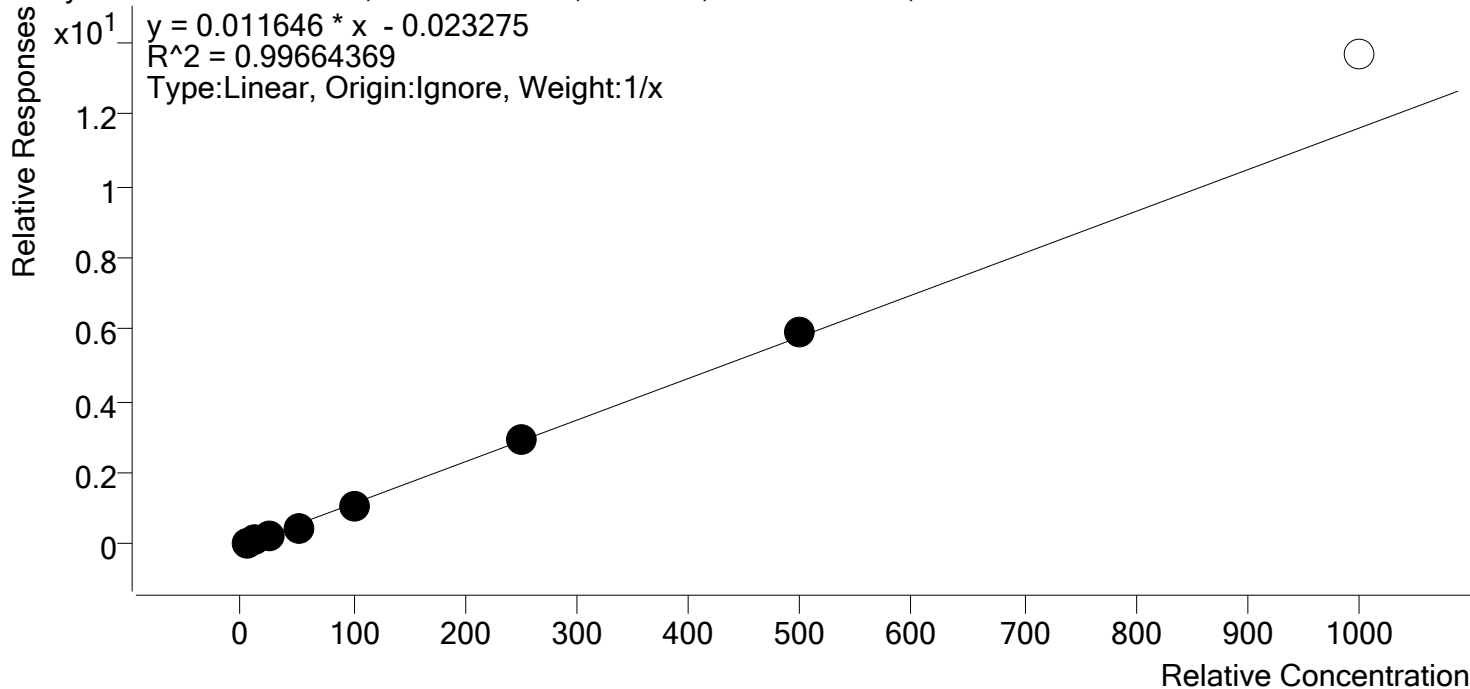
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



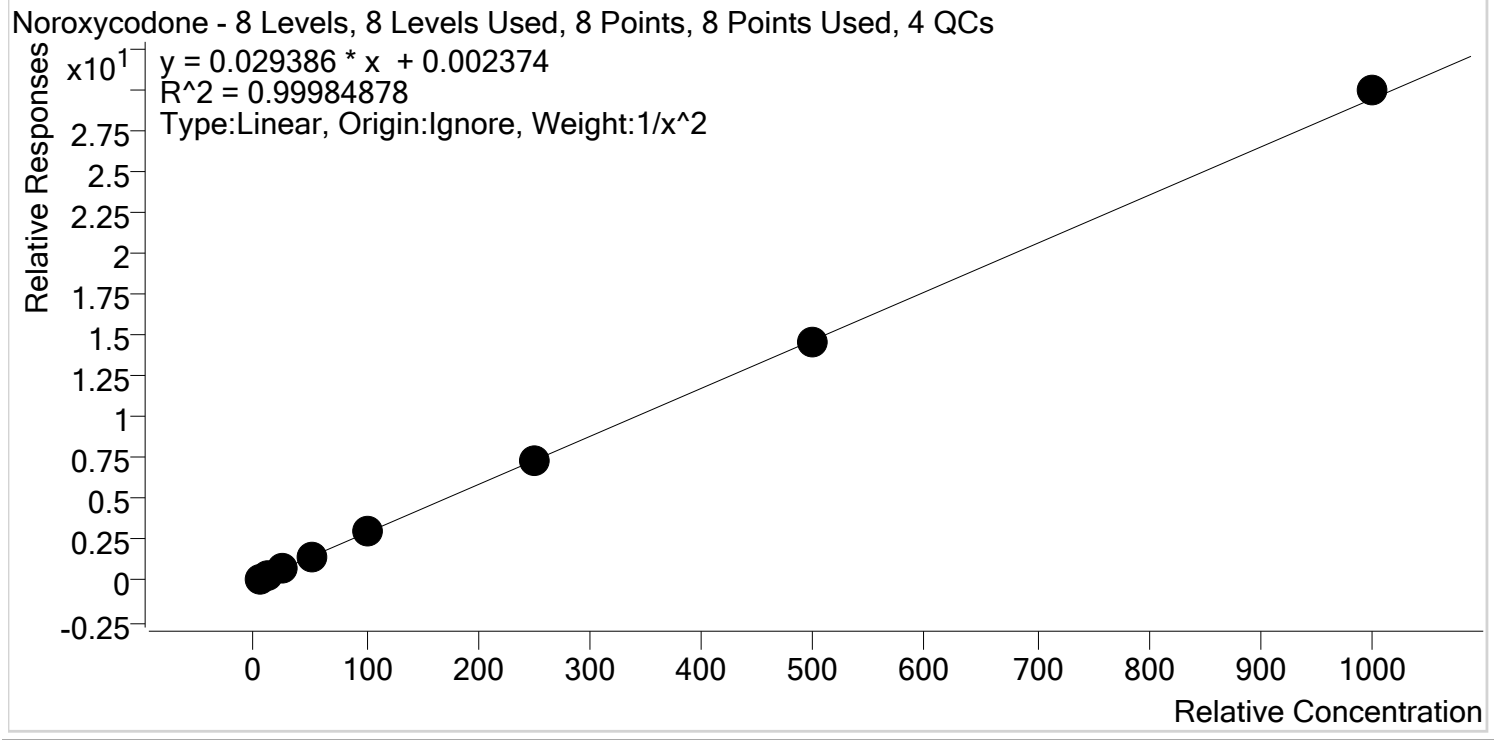
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.3	125.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	42.9	85.8
p1 Cal 5-100ng	5	✓	100.0	90.7	90.7
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	515.4	103.1
p1 Cal 8-1000ng	8	x	1000.0	1176.1	117.6

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	495.2	99.0
p1 Cal 8-1000ng	8	✓	1000.0	1017.3	101.7

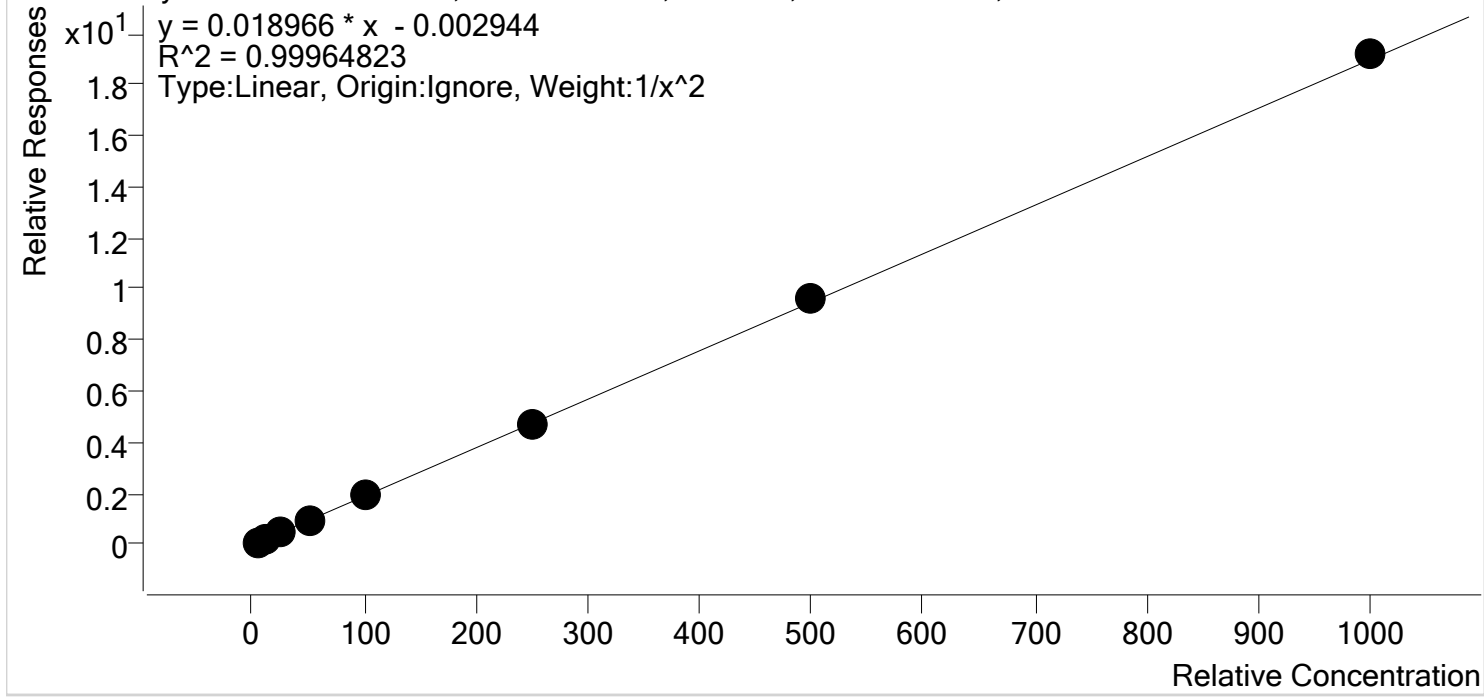
\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

O-desmethyl-tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



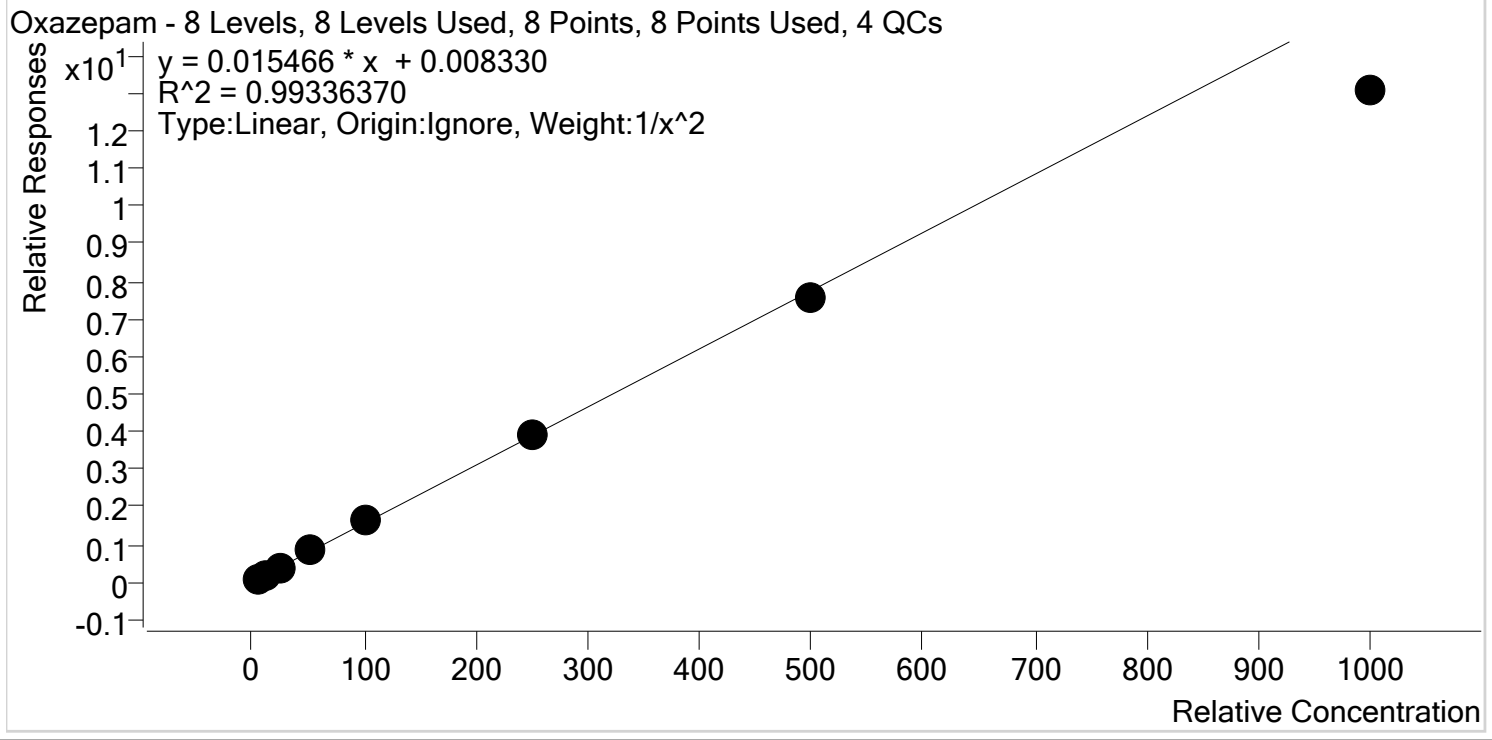
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	511.9	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1011.4	101.1

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



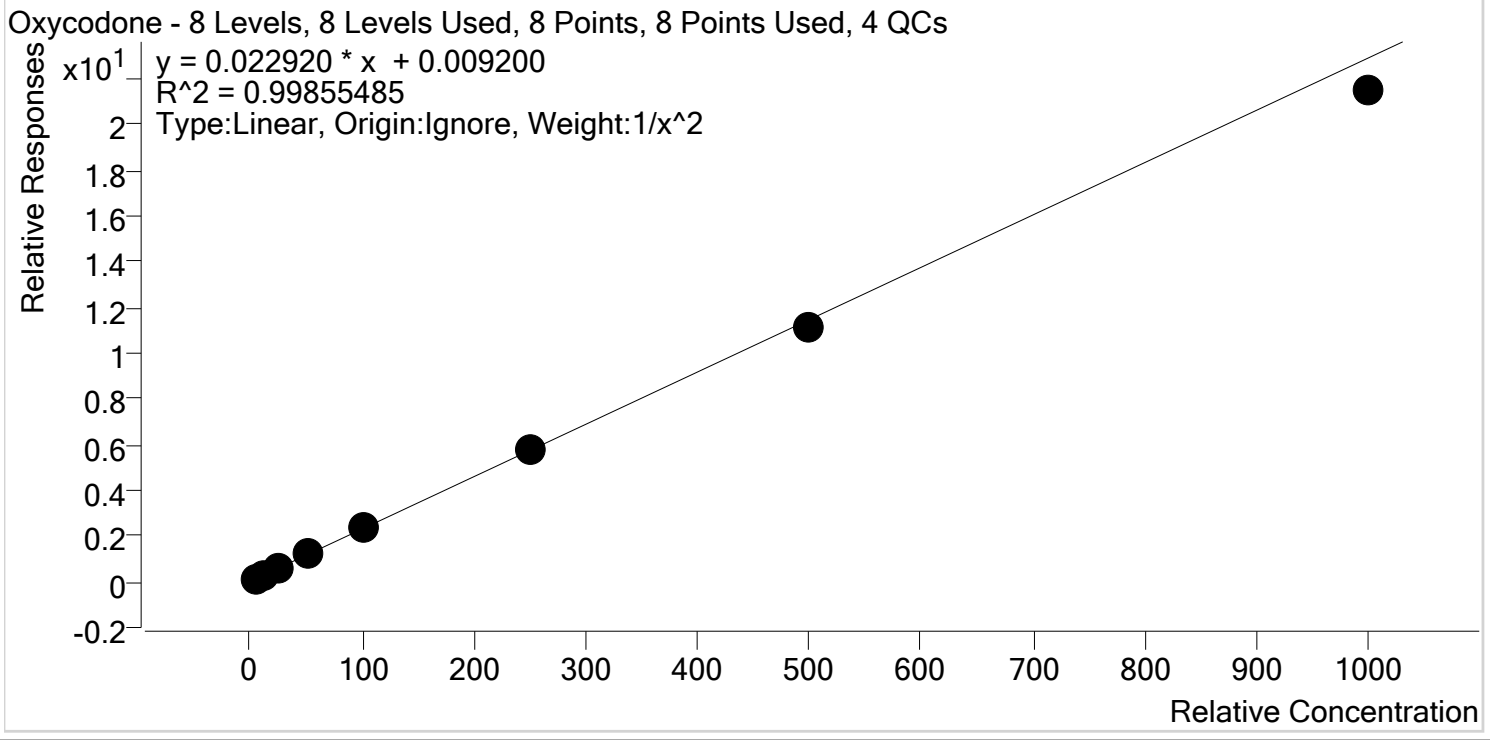
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	490.2	98.0
p1 Cal 8-1000ng	8	✓	1000.0	844.0	84.4

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



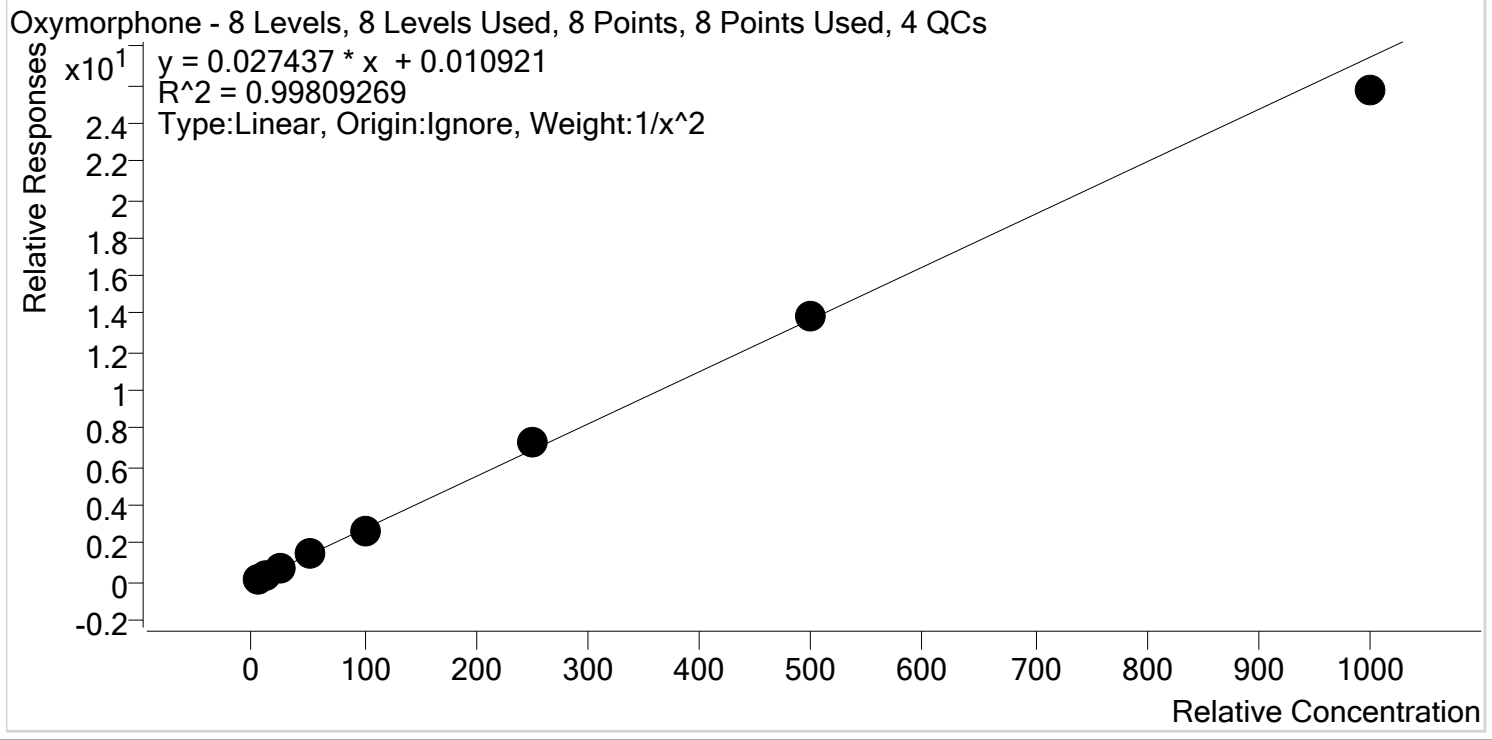
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	251.9	100.8
p1 Cal 7-500ng	7	✓	500.0	487.8	97.6
p1 Cal 8-1000ng	8	✓	1000.0	937.7	93.8

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	263.8	105.5
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	936.2	93.6

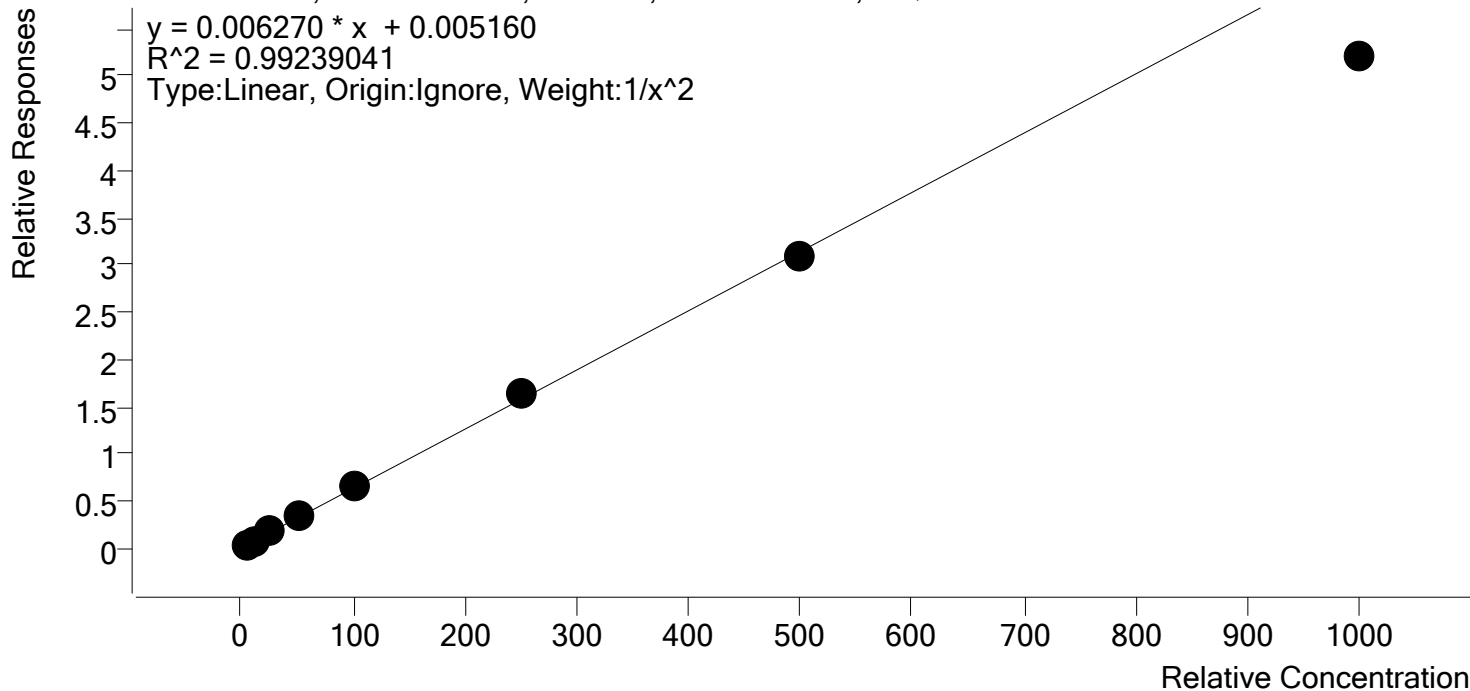
\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



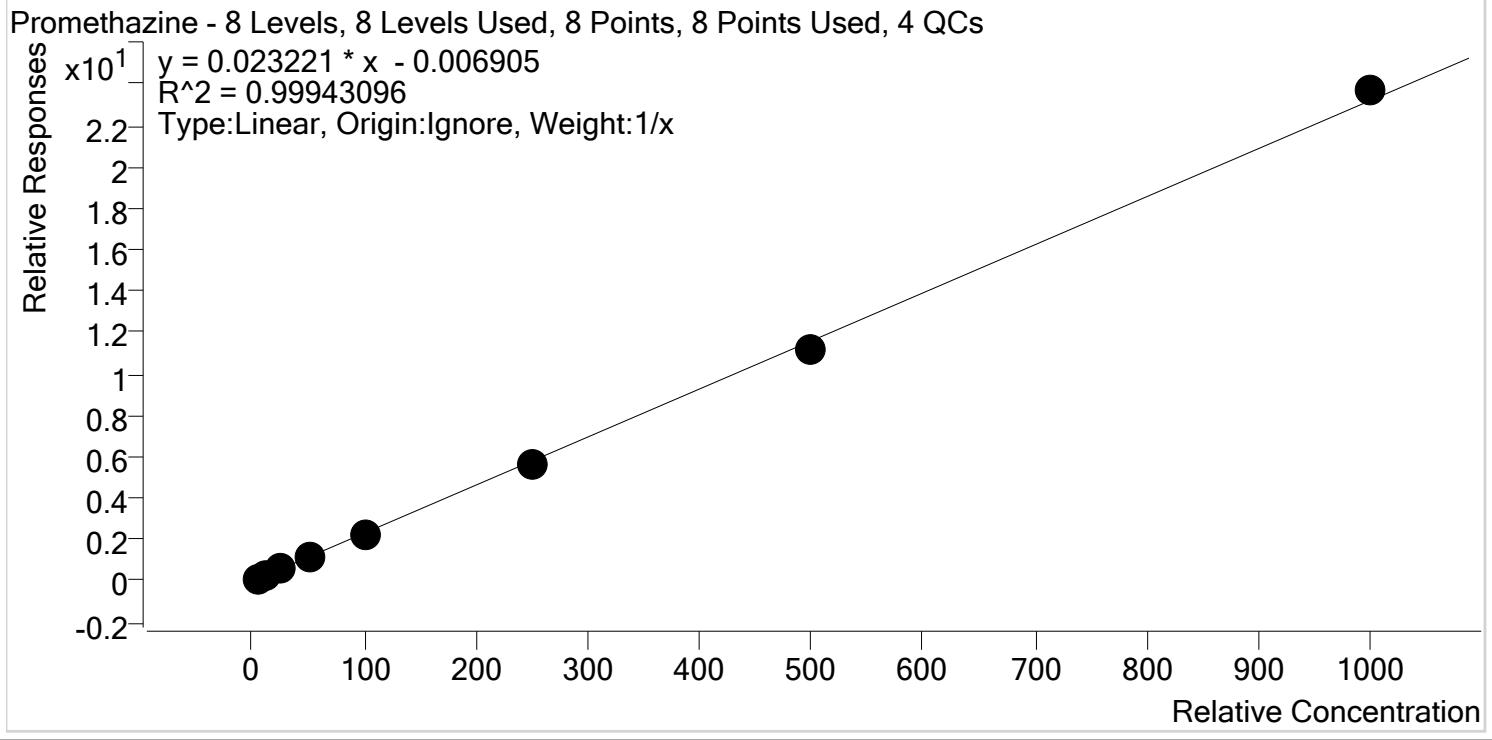
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	260.3	104.1
p1 Cal 7-500ng	7	✓	500.0	493.5	98.7
p1 Cal 8-1000ng	8	✓	1000.0	829.4	82.9

\$



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



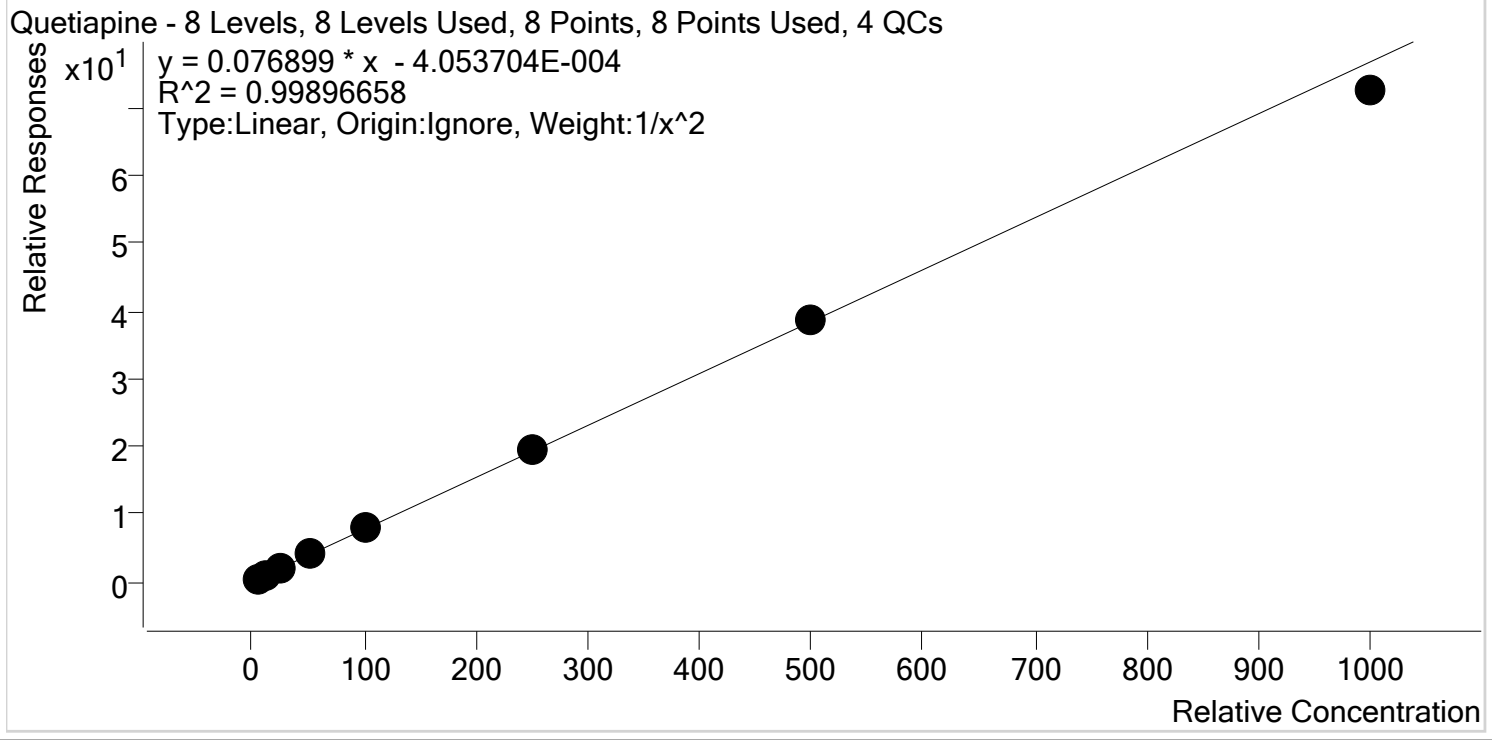
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.6
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	246.4	98.6
p1 Cal 7-500ng	7	✓	500.0	484.6	96.9
p1 Cal 8-1000ng	8	✓	1000.0	1020.8	102.1

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



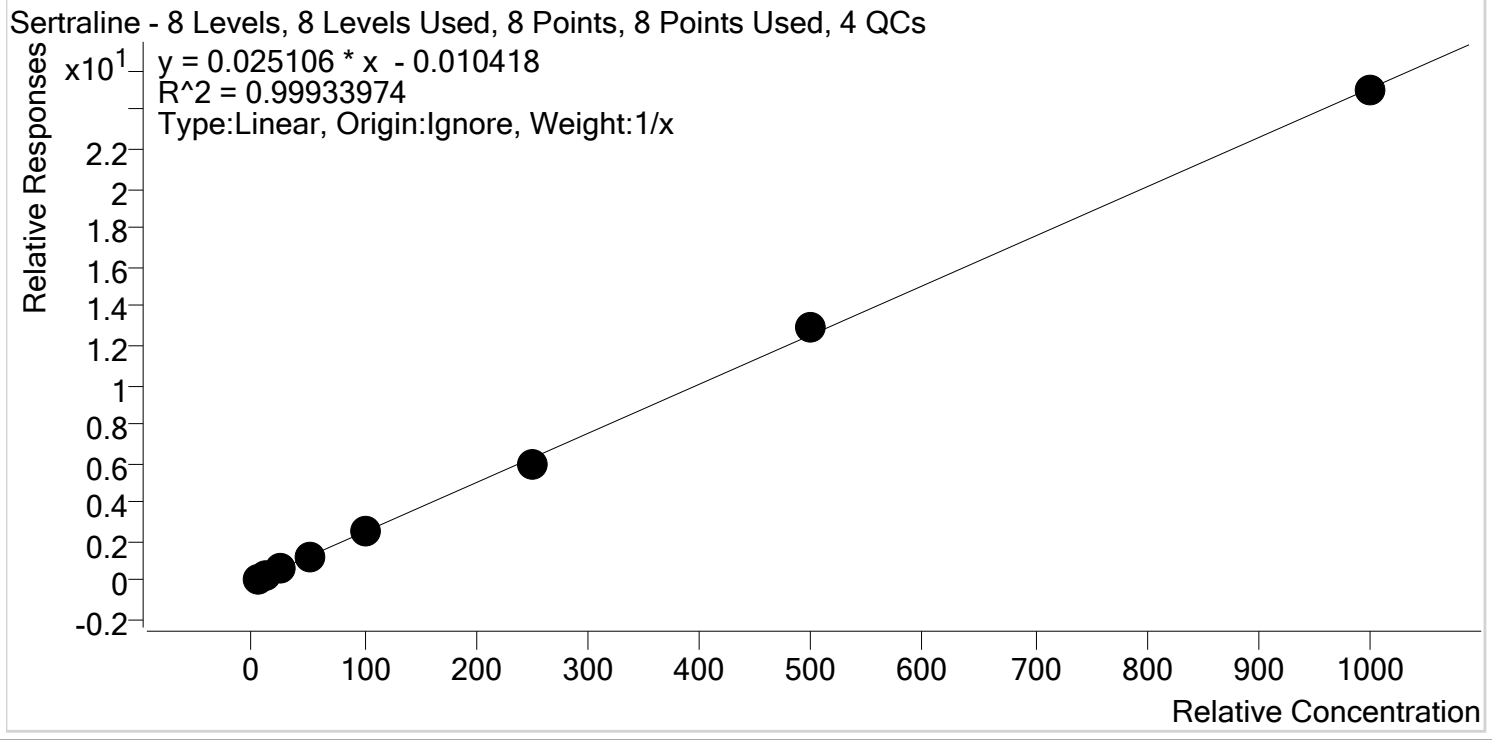
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	503.4	100.7
p1 Cal 8-1000ng	8	✓	1000.0	944.8	94.5

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.0
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	238.7	95.5
p1 Cal 7-500ng	7	✓	500.0	516.2	103.2
p1 Cal 8-1000ng	8	✓	1000.0	995.5	99.6

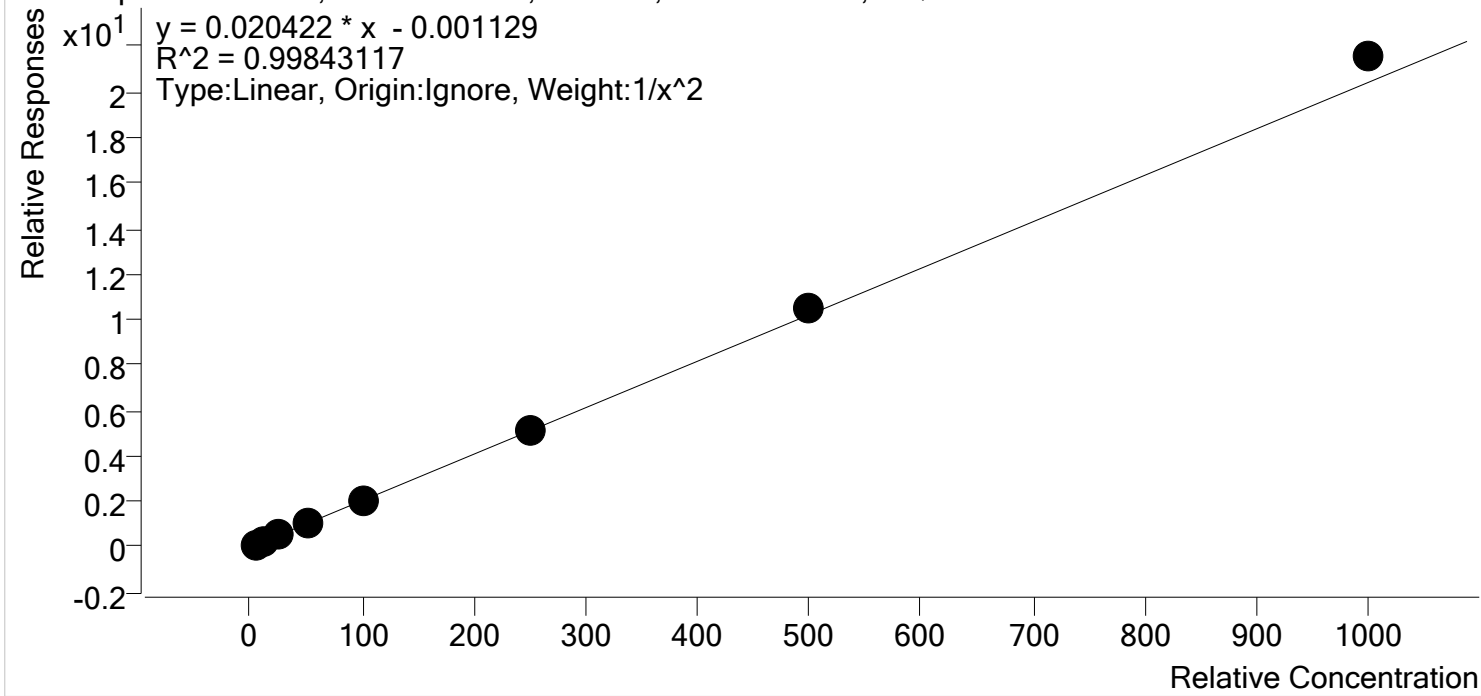
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	48.2	96.3
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	517.1	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1055.6	105.6

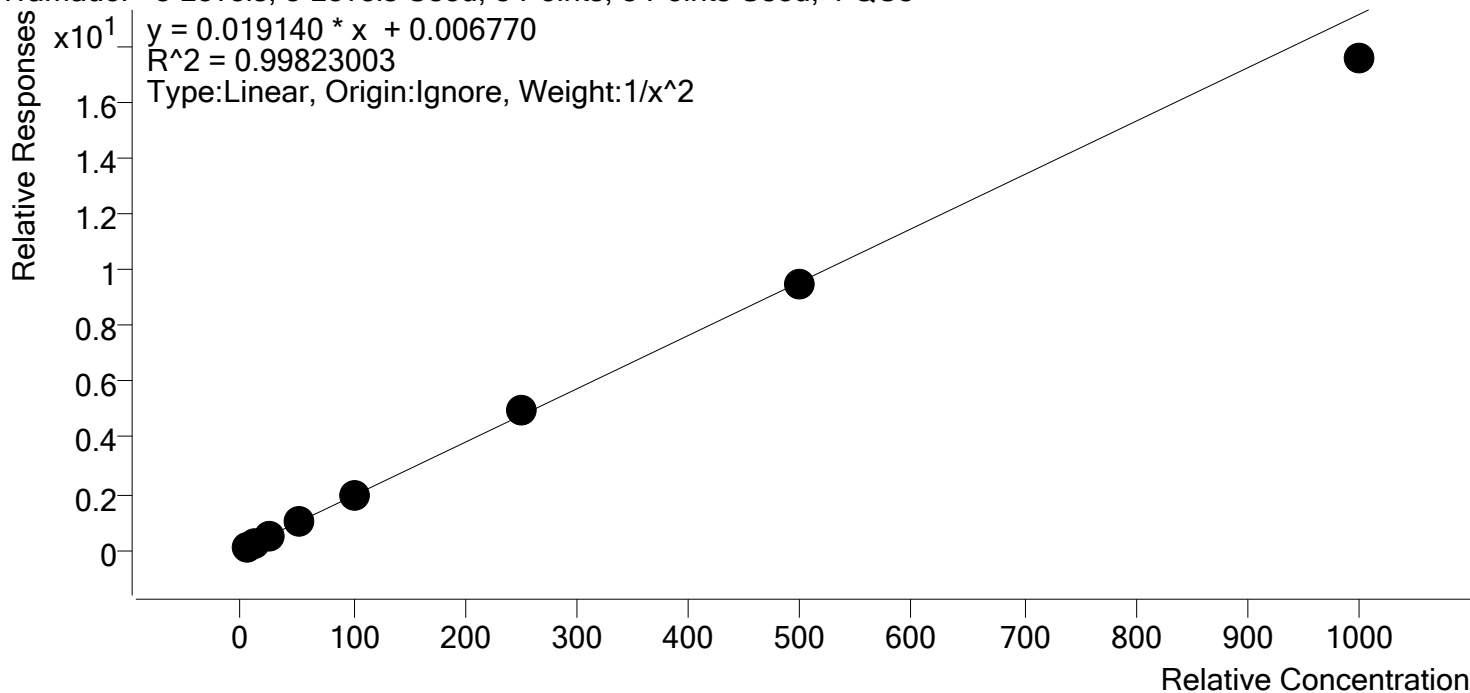
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

Tramadol - 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	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	257.6	103.0
p1 Cal 7-500ng	7	✓	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✓	1000.0	917.4	91.7

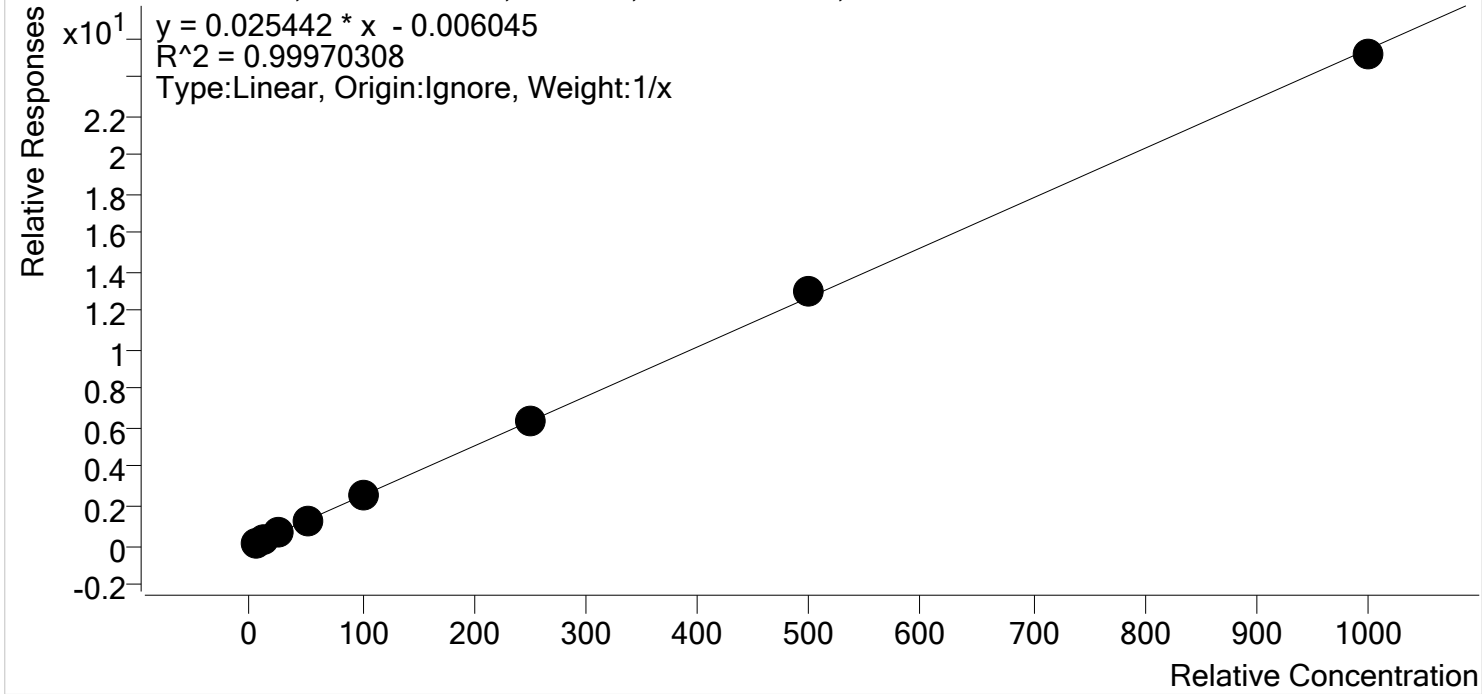
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.6
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	512.9	102.6
p1 Cal 8-1000ng	8	✓	1000.0	989.2	98.9

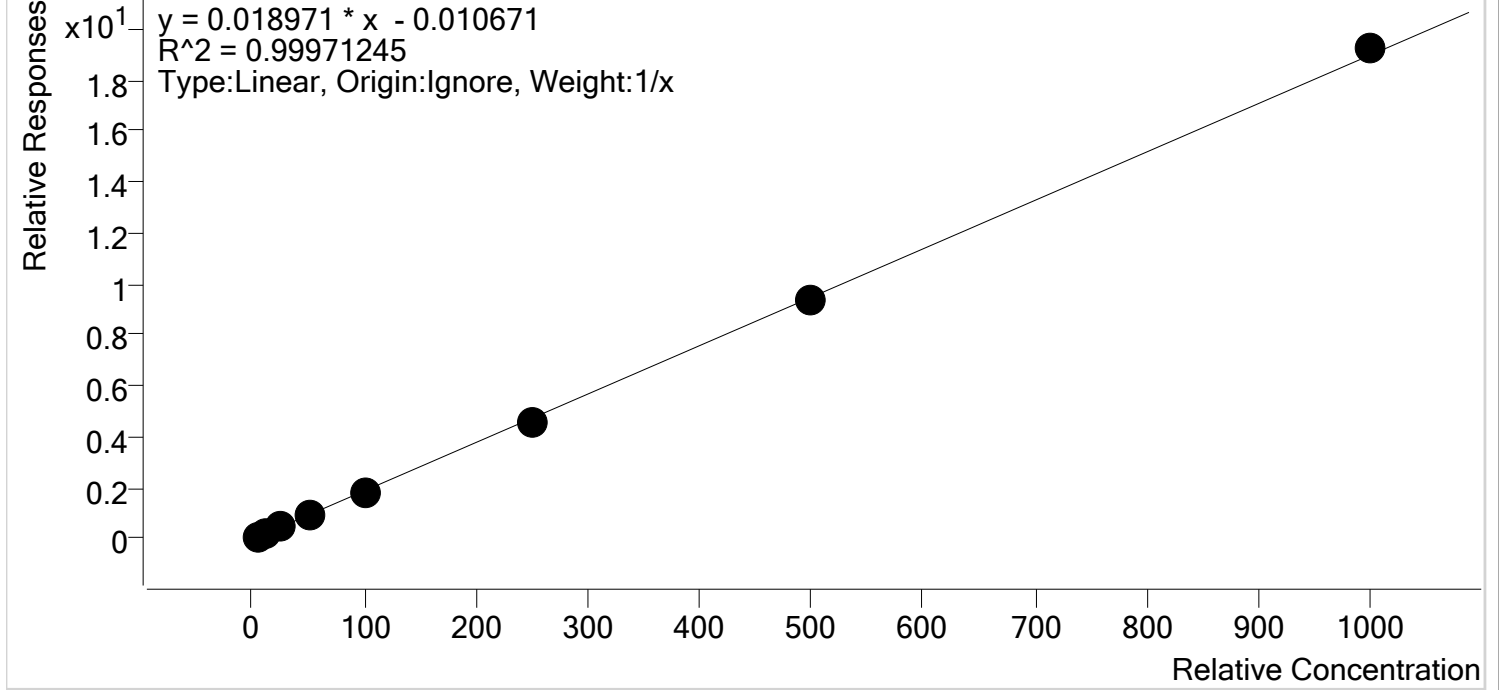
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

Venlafaxine - 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	5.4	108.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	243.9	97.6
p1 Cal 7-500ng	7	✓	500.0	496.4	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1013.6	101.4

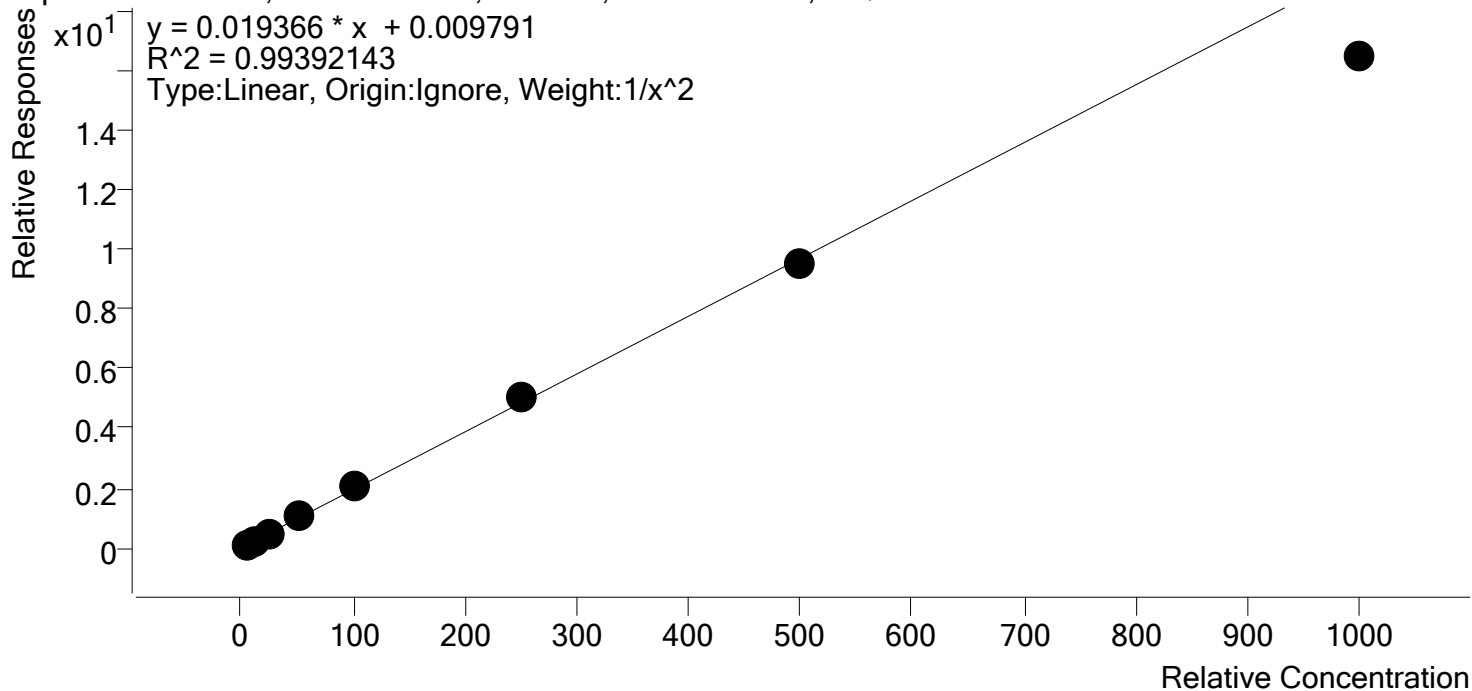
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Last Cal. Update 9/30/2020 12:56 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	492.4	98.5
p1 Cal 8-1000ng	8	✓	1000.0	849.0	84.9

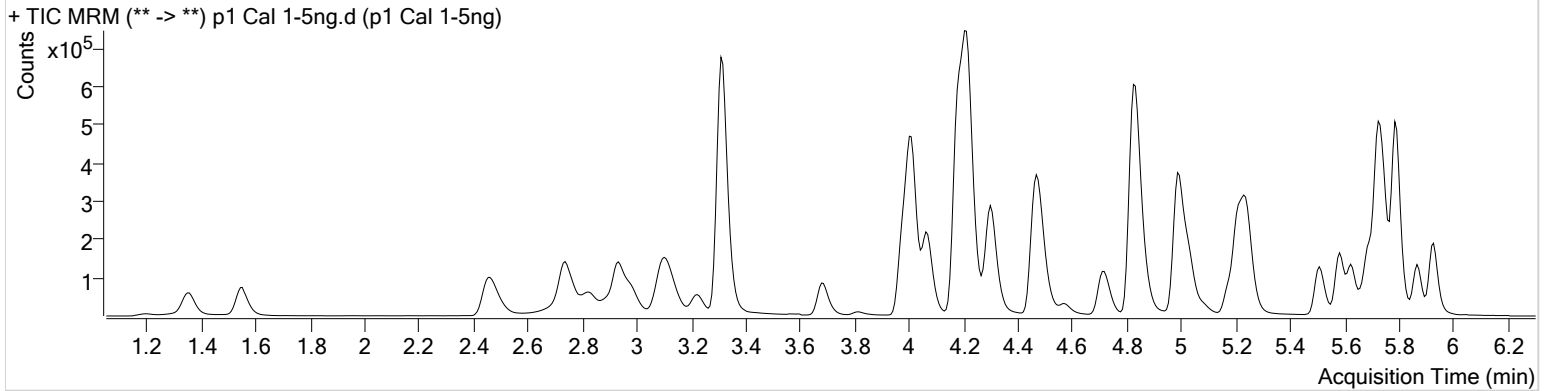
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument Falco **Data File** p1 Cal 1-5ng.d
Type Cal **Sample** p1 Cal 1-5ng
Acq. Method MDQ P1 060520.m **Operator** Sarah Pickle
Sample Position P1-A1 **Comment**
Injection Volume 2
Acq. Date-Time 9/29/2020 7:05:39 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	2128	2701.04	66.5	1620.38	76965	0.5120 ng/ml
7-aminoclonazepam	4.223	40203	3348.81	77.4	490.81	286107	5.0387 ng/ml
a-hydroxyalprazolam	5.668	15687	132.60	61.3	148.53	74642	4.8937 ng/ml
alpha-PHP	4.881	14707	279.10	259.8	602.99	666581	4.9042 ng/ml
alpha-PVP	4.308	77536	207243.85	49.9	353.01	666581	5.4722 ng/ml
Alprazolam	5.751	56303	187.31	104.6	277.73	313007	5.2859 ng/ml
Amphetamine	2.977	56560	455.85	49.5	180.37	91805	3.9949 ng/ml
Benzoylecgonine	3.838	2737	221.39	7.8	∞	21806	5.0674 ng/ml
Bupropion	4.733	49281	1424.99	60.7	353.35	291364	4.9923 ng/ml
Carisoprodol	5.700	24453	40130.75	53.3	261.44	239620	4.9648 ng/ml
Citalopram	5.176	20751	153.27	43.7	903.04	191968	5.0213 ng/ml
Clonazepam	5.581	69271	993.19	33.8	404.83	159077	4.8448 ng/ml
Cocaine	4.216	88291	1085.15	44.2	2350.91	1217966	5.3685 ng/ml
Codeine	2.509	9690	2333.35	105.3	934.13	87743	4.9711 ng/ml
Cyclobenzaprine	5.592	9588	3968.60	10.8	94.57	77450	5.0052 ng/ml
Dextromethorphan	5.219	11246	101.97	72.4	133.09	102103	5.1559 ng/ml
Dextrorphan	4.070	18227	195.96	212.0	655.14	466628	5.1653 ng/ml
Diazepam	5.929	37747	621.46	86.9	919.76	352935	5.0135 ng/ml
Dihydrocodeine	2.488	25705	716.50	65.1	289.57	266468	4.7980 ng/ml
Diphenhydramine	5.247	32428	457.81	31.8	166.36	544847	5.2247 ng/ml
Doxylamine	4.487	127196	2706.23	96.5	636.44	1020293	5.0002 ng/ml
EDDP	5.211	48051	751.40	44.0	617.19	504566	5.0272 ng/ml
Fentanyl	5.047	1372	17.74	64.0	99.01	110155	0.5070 ng/ml
Fluoxetine	5.683	9496	264.18	9.1	∞	76584	5.0084 ng/ml
Hydrocodone	2.959	32272	206.44	39.1	102.13	407165	4.7686 ng/ml
Hydromorphone	1.561	29189	∞	77.3	4904.88	180783	4.9475 ng/ml
Ketamine	3.996	69045	1724.58	39.5	414.56	576634	4.9238 ng/ml
Lamotrigine	4.232	6367	247.72	82.5	955.85	576634	4.7698 ng/ml
Lorazepam	5.722	58026	149.79	55.9	228.59	159077	4.5663 ng/ml
MDA	3.130	47284	1185.83	18.9	75.02	176547	4.8316 ng/ml
MDMA	3.231	44726	∞	58.6	516.48	78409	5.0017 ng/ml
Meprobamate	4.869	8436	1168.98	26.9	89.62	90237	4.8956 ng/ml
Methadone	5.629	22959	379.23	54.7	537.42	227369	4.9837 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.158	28161	27.34	42.6	26.92	269011	4.6232 ng/ml
Metoprolol	4.278	12193	7399.22	101.5	581.63	1424552	4.8309 ng/ml
Mirtazapine	4.575	44165	1268.75	50.2	1726.91	666581	4.7321 ng/ml
Mitragynine	5.181	5488	15617.91	38.7	239.20	227369	4.9506 ng/ml
Morphine	1.206	5026	1007.98	23.7	72.49	10623	4.8997 ng/ml
Nordiazepam	5.876	36297	743.87	56.8	1373.01	231924	4.9592 ng/ml
Norfentanyl	4.030	12156	791.54	36.7	61.37	1049829	0.5138 ng/ml
Norhydrocodone	3.007	3498	∞	42.4	58.46	70432	6.2632 ng/ml
Noroxycodone	2.845	25422	385.74	50.5	14.18	169195	5.0322 ng/ml
O-desmethyl-tramadol	3.317	159441	1662.05	6.1	966.70	1719906	5.0432 ng/ml
Oxazepam	5.732	60148	∞	73.5	212.78	718962	4.8707 ng/ml
Oxycodone	2.769	63972	1163.90	30.2	1372.65	522605	4.9394 ng/ml
Oxymorphone	1.356	27297	963.98	48.4	559.24	183372	5.0275 ng/ml
Phentermine	3.716	8707	∞	2.8	9.83 Low	245208	4.8401 ng/ml
Promethazine	5.508	22895	669.19	29.5	148.01	199886	5.2299 ng/ml
Quetiapine	5.519	25225	∞	58.0	27951.92	65431	5.0185 ng/ml
Sertraline	5.751	4943	69.45	96.8	∞	40306	5.2998 ng/ml
Temazepam	5.792	100819	1356.90	30.1	97.38	982862	5.0782 ng/ml
Tramadol	4.190	144162	1855.01	3.7	40.56	1424552	4.9336 ng/ml
Trazodone	5.079	26720	∞	77.3	355.47	208266	5.2804 ng/ml
Venlafaxine	4.994	87282	966.39	35.0	368.87	946315	5.4243 ng/ml
Zolpidem	4.845	168394	34235.20	31.3	10796.78	1617494	4.8702 ng/ml

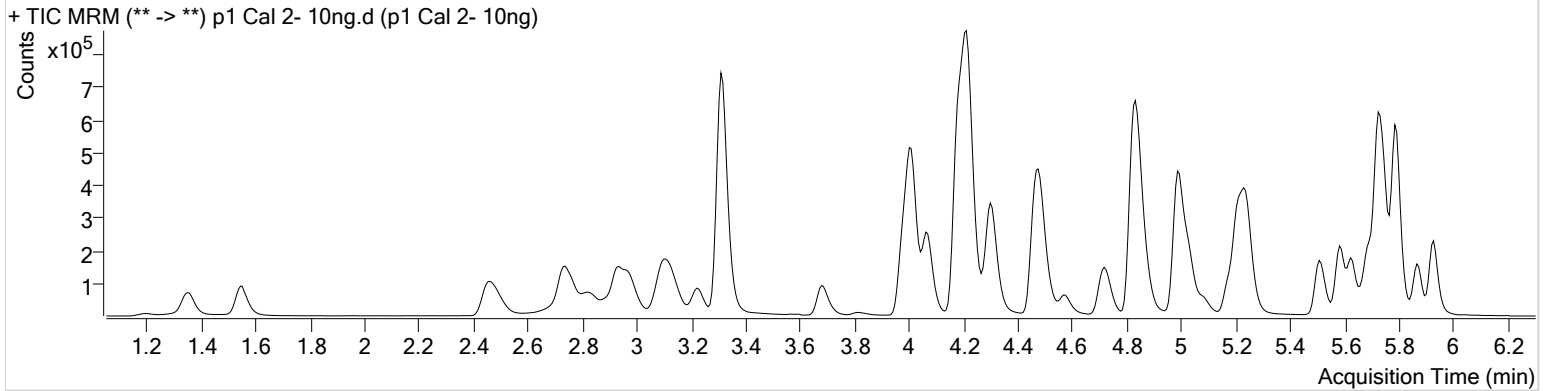
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument	Falco	Data File	p1 Cal 2- 10ng.d
Type	Cal	Sample	p1 Cal 2- 10ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-B1	Comment	
Injection Volume	2		
Acq. Date-Time	9/29/2020 7:16:25 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	3804	32405.59	66.0	383.73	79627	0.9527 ng/ml
7-aminoclonazepam	4.223	79979	886.66	79.1	26794.43	290548	9.9525 ng/ml
a-hydroxyalprazolam	5.674	31714	1167.37	62.2	477.02	75191	10.1981 ng/ml
alpha-PHP	4.881	30169	2026.04	273.5	4591.39	698656	10.2912 ng/ml
alpha-PVP	4.308	162738	647.65	49.8	401.50	698656	10.2989 ng/ml
Alprazolam	5.751	109967	816.94	104.6	914.52	318153	9.8306 ng/ml
Amphetamine	2.977	122954	624.40	49.9	205.63	102978	9.7470 ng/ml
Benzoylecgonine	3.838	5464	239.56	8.4	28.26	20906	9.9695 ng/ml
Buprenorphine	5.775	1941	21.58	20.1	20.52	79621	1.0459 ng/ml
Bupropion	4.733	105360	8343.92	60.2	1476.71	313765	10.0607 ng/ml
Carisoprodol	5.700	48640	1154.08	52.7	∞	239838	10.1566 ng/ml
Citalopram	5.176	48875	460.70	41.6	16533.86	222275	10.0818 ng/ml
Clonazepam	5.581	141775	6372.06	33.2	1533.44	161599	10.2817 ng/ml
Cocaine	4.216	179182	7493.02	45.2	490.49	1266575	10.0797 ng/ml
Codeine	2.509	19573	2144.48	105.4	858.10	90259	9.9023 ng/ml
Cyclobenzaprine	5.598	22469	514.47	9.8	114.17	89268	10.1025 ng/ml
Dextromethorphan	5.219	24625	314.56	81.7	627.13	121562	9.4685 ng/ml
Dextrorphan	4.070	39583	4545.59	209.1	1560.38	502825	10.1440 ng/ml
Diazepam	5.929	76540	657.93	88.2	857.84	365937	9.9560 ng/ml
Dihydrocodeine	2.488	50350	559.80	66.8	618.51	266681	10.2671 ng/ml
Diphenhydramine	5.247	74007	910.89	31.5	422.88	628737	10.0981 ng/ml
Doxylamine	4.487	272153	17007.84	96.9	12744.23	1100143	9.9847 ng/ml
EDDP	5.211	102352	1933.95	42.4	263.50	542371	9.9937 ng/ml
Fentanyl	5.040	3003	44.83	65.9	261.93	130485	0.9856 ng/ml
Fluoxetine	5.683	20443	∞	8.8	106.62	84251	9.8924 ng/ml
Hydrocodone	2.959	67472	191.43	36.2	256.75	419191	10.3736 ng/ml
Hydromorphone	1.553	58315	391.25	77.5	567.67	184731	10.0468 ng/ml
Ketamine	3.996	139407	880.88	39.5	727.10	592294	10.1845 ng/ml
Lamotrigine	4.226	13069	1522.44	79.0	1256.14	592294	10.5648 ng/ml
Lorazepam	5.722	114762	∞	57.2	362.54	161599	10.1542 ng/ml
MDA	3.130	103208	1687.59	18.3	141.58	191370	10.2846 ng/ml
MDMA	3.231	94592	48775.21	60.3	1626.48	84745	9.9277 ng/ml
Meprobamate	4.869	16436	∞	26.4	75.36	89012	10.0528 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.629	55890	458.16	53.2	799.76	264836	10.2096 ng/ml
Methamphetamine	3.158	62228	68.46	38.1	162.24	293239	11.2380 ng/ml
Metoprolol	4.278	26058	21063.04	97.8	1936.94	1476729	10.3922 ng/ml
Mirtazapine	4.575	101600	4178.61	48.6	921.33	698656	11.4916 ng/ml
Mitragynine	5.181	11929	25329.79	36.5	10012.53	264836	10.1403 ng/ml
Morphine	1.206	9490	638.59	23.2	2945.41	10070	10.1081 ng/ml
Norbuprenorphine	4.944	261	12.10	99.3	12.05	10705	1.0234 ng/ml
Nordiazepam	5.876	72760	2004.00	56.0	939.64	235347	10.0533 ng/ml
Norfentanyl	4.030	24541	496.22	38.3	106.70	1084740	0.9701 ng/ml
Norhydrocodone	3.007	6652	326.93	41.8	62.50	71796	9.9546 ng/ml
Noroxycodone	2.845	51525	961.55	50.1	13.65	176044	9.8791 ng/ml
O-desmethyl-tramadol	3.317	323761	2452.80	6.1	351.54	1740169	9.9651 ng/ml
Oxazepam	5.732	122435	6019.95	71.3	∞	738910	10.1752 ng/ml
Oxycodone	2.762	128628	1062.89	30.9	1028.83	534825	10.0920 ng/ml
Oxymorphone	1.356	54331	∞	47.8	581.32	192554	9.8860 ng/ml
Phentermine	3.716	18463	176.31	2.7	47.85	263779	10.3404 ng/ml
Promethazine	5.508	51521	1067.11	29.6	111.04	223883	10.2073 ng/ml
Quetiapine	5.519	56849	∞	61.3	2068.90	74781	9.8911 ng/ml
Sertraline	5.751	10120	232.21	94.6	17419.40	41678	10.0869 ng/ml
Temazepam	5.792	203727	592.32	30.6	256.09	1016227	9.8720 ng/ml
Tramadol	4.190	295604	5210.24	3.5	124.33	1476729	10.1049 ng/ml
Trazodone	5.086	62129	1186.30	77.7	6389.99	253101	9.8859 ng/ml
Venlafaxine	4.994	182105	959.80	36.1	400.40	1013511	10.0335 ng/ml
Zolpidem	4.851	342569	514.33	30.5	4789.23	1648899	10.2223 ng/ml

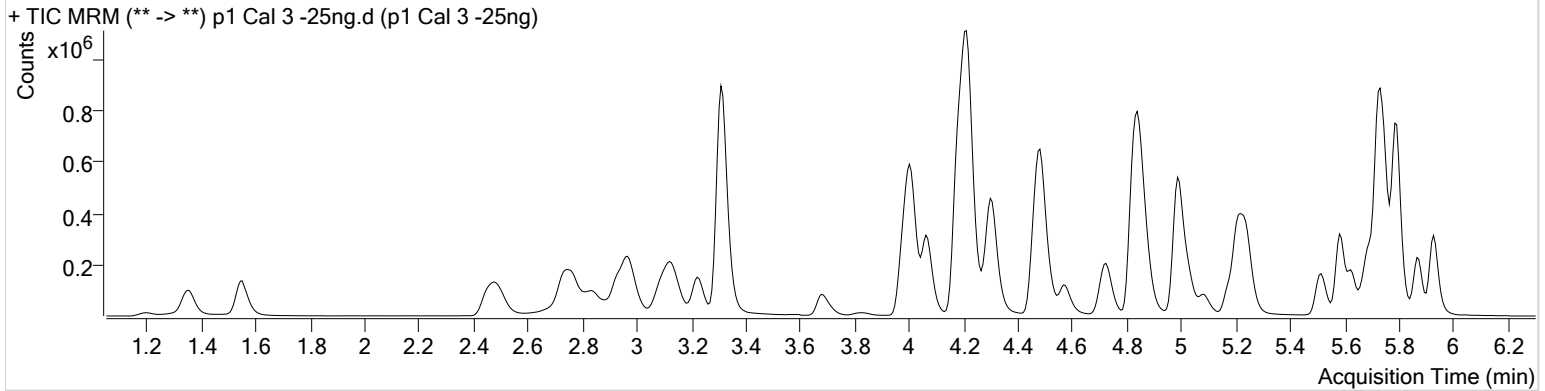
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument	Falco	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-C1	Comment	
Injection Volume	2		
Acq. Date-Time	9/29/2020 7:27:02 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	9014	370.38	71.2	539.79	76752	2.4781 ng/ml
7-aminoclonazepam	4.216	188635	7859.60	83.8	326.79	283279	24.1971 ng/ml
a-hydroxyalprazolam	5.668	77187	1733.48	63.6	702.65	74260	25.6797 ng/ml
alpha-PHP	4.875	69455	4164.99	266.5	1622.29	672540	25.6198 ng/ml
alpha-PVP	4.308	383644	7829.33	48.9	534.23	672540	24.2689 ng/ml
Alprazolam	5.751	273162	2573.78	104.1	1096.89	308790	24.6077 ng/ml
Amphetamine	2.977	264466	2496.82	49.4	373.20	89739	27.1961 ng/ml
Benzoylcegonine	3.838	13302	1381.67	8.2	78.67	20692	23.7358 ng/ml
Buprenorphine	5.768	3215	69.41	17.9	1251.50	59770	2.2338 ng/ml
Bupropion	4.733	236094	18962.11	60.9	1404.29	288595	24.7284 ng/ml
Carisoprodol	5.700	115924	30849.50	55.1	615.36	240803	24.5130 ng/ml
Citalopram	5.176	91245	731.95	41.3	9145.99	167202	24.8318 ng/ml
Clonazepam	5.581	347935	34451.04	33.4	20642.82	161031	26.0723 ng/ml
Cocaine	4.216	424913	39932.72	45.8	1077.84	1210716	24.3875 ng/ml
Codeine	2.509	49027	1708.69	104.0	583.36	87410	25.8439 ng/ml
Cyclobenzaprine	5.598	30708	∞	9.6	99.88	50144	24.4753 ng/ml
Dextromethorphan	5.219	42264	937.89	79.3	544.97	81312	24.2690 ng/ml
Dextrophan	4.070	92333	1417.75	210.7	∞	475726	24.6262 ng/ml
Diazepam	5.929	183232	691.25	88.8	1825.90	357631	24.6171 ng/ml
Dihydrocodeine	2.481	125180	1036.33	64.7	1442.52	265707	26.9893 ng/ml
Diphenhydramine	5.247	135274	1109.89	32.0	7655.78	462701	24.7252 ng/ml
Doxylamine	4.487	650655	18708.17	96.9	∞	1050857	25.0862 ng/ml
EDDP	5.211	222531	400.32	42.7	486.29	478541	24.6736 ng/ml
Fentanyl	5.047	4352	48.73	61.5	1601.50	79058	2.4378 ng/ml
Fluoxetine	5.683	27596	11124.30	8.6	∞	44983	25.1566 ng/ml
Hydrocodone	2.959	160386	2195.40	39.1	363.59	396102	27.1106 ng/ml
Hydromorphone	1.553	141553	692.78	77.7	460.03	179247	25.7213 ng/ml
Ketamine	3.996	324441	16788.88	41.6	957.21	576520	25.0796 ng/ml
Lamotrigine	4.226	30092	594.06	82.7	741.92	576520	26.4049 ng/ml
Lorazepam	5.722	278774	∞	53.5	1921.20	161031	26.6724 ng/ml
MDA	3.130	235787	2357.28	18.2	762.53	175957	26.3679 ng/ml
MDMA	3.231	220765	170963.52	60.2	2700.42	78940	25.0949 ng/ml
Meprobamate	4.869	40448	2673.16	26.1	143.56	85308	26.4291 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.629	94356	4857.61	52.8	189.46	184511	24.4711 ng/ml
Methamphetamine	3.158	112556	112.72	41.1	116.19	246623	26.2600 ng/ml
Metoprolol	4.278	61270	∞	97.5	1968.94	1405189	26.2789 ng/ml
Mirtazapine	4.569	197952	4358.32	50.3	28511.31	672540	24.2065 ng/ml
Mitragynine	5.181	19744	195.77	41.4	1066.73	184511	25.5225 ng/ml
Morphine	1.200	23274	1162.06	23.2	625.78	9699	26.2858 ng/ml
Norbuprenorphine	4.944	395	49.31	98.0	52.87	7331	2.3982 ng/ml
Nordiazepam	5.876	175515	2177.97	58.9	906.70	229236	25.2865 ng/ml
Norfentanyl	4.030	59704	1630.92	36.8	608.75	1049554	2.3856 ng/ml
Norhydrocodone	3.007	16820	276.61	42.6	215.38	66223	23.8074 ng/ml
Noroxycodone	2.845	125677	∞	49.5	430.60	169906	25.0906 ng/ml
O-desmethyl-tramadol	3.317	780249	3997.58	6.0	988.92	1704635	24.2894 ng/ml
Oxazepam	5.732	294662	5914.04	72.0	∞	715799	26.0787 ng/ml
Oxycodone	2.762	312007	1817.23	31.4	1439.26	530546	25.2572 ng/ml
Oxymorphone	1.356	130770	1749.75	47.8	1629.19	190930	24.5653 ng/ml
Phentermine	3.716	39014	93.42	2.9	78.83	233838	25.7859 ng/ml
Promethazine	5.508	70488	2538.67	32.5	555.17	125660	24.4537 ng/ml
Quetiapine	5.519	111780	155.63	60.8	289.08	58976	24.6527 ng/ml
Sertraline	5.751	12978	3712.94	94.2	25545.20	22398	23.4940 ng/ml
Temazepam	5.792	501119	4048.89	30.6	1551.30	1005019	24.4713 ng/ml
Tramadol	4.190	699023	2115.54	3.4	1080.56	1405189	25.6373 ng/ml
Trazodone	5.086	108815	1142.04	79.2	1434.47	179708	24.0374 ng/ml
Venlafaxine	4.987	429743	2004.96	36.1	1871.57	950484	24.3949 ng/ml
Zolpidem	4.845	818685	26570.90	30.9	26418.32	1606706	25.8055 ng/ml

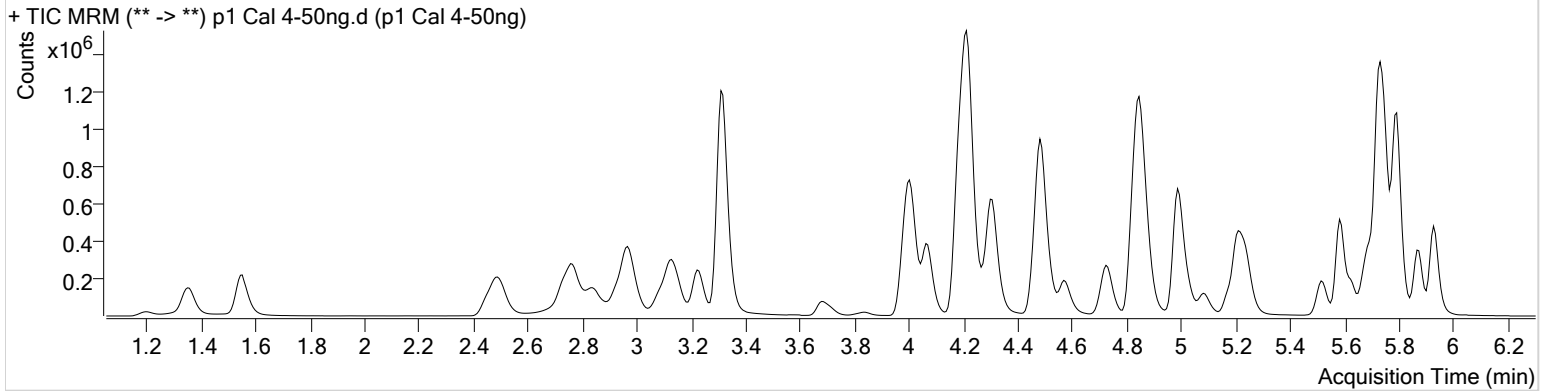
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument Falco **Data File** p1 Cal 4-50ng.d
Type Cal **Sample** p1 Cal 4-50ng
Acq. Method MDQ P1 060520.m **Operator** Sarah Pickle
Sample Position P1-D1 **Comment**
Injection Volume 2
Acq. Date-Time 9/29/2020 7:37:38 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	18446	3025.81	72.5	1022.18	78910	5.0245 ng/ml
7-aminoclonazepam	4.223	358586	∞	81.9	43191.52	260096	50.1890 ng/ml
a-hydroxyalprazolam	5.668	158631	1157.25	63.5	667.29	76495	51.6066 ng/ml
alpha-PHP	4.875	122070	2595.17	266.4	∞	613332	50.0461 ng/ml
alpha-PVP	4.308	714516	2619.89	49.9	13808.37	613332	48.8774 ng/ml
Alprazolam	5.751	551040	10162.53	107.2	1770.14	315555	48.2312 ng/ml
Amphetamine	2.977	460444	∞	48.9	680.37	79185	55.7401 ng/ml
Benzoylecgonine	3.838	28912	502.67	8.1	117.61	21217	49.7123 ng/ml
Buprenorphine	5.775	4649	198.46	17.0	75.32	38046	4.9965 ng/ml
Bupropion	4.733	388682	2318.71	61.1	28611.06	234489	50.2597 ng/ml
Carisoprodol	5.700	240213	345069.12	53.4	880.50	240146	51.2506 ng/ml
Citalopram	5.176	136417	1174.14	41.6	2132.31	122790	50.4204 ng/ml
Clonazepam	5.581	717193	27135.72	33.0	6932.45	164204	53.2281 ng/ml
Cocaine	4.216	835337	18456.97	44.7	13955.45	1165841	49.3539 ng/ml
Codeine	2.509	98562	1702.08	104.3	1085.38	88251	51.6053 ng/ml
Cyclobenzaprine	5.598	31173	6290.87	9.4	126.01	25104	49.5548 ng/ml
Dextromethorphan	5.212	56412	2645.95	81.2	1510.87	52270	50.3736 ng/ml
Dextrophan	4.070	166429	39808.17	216.5	1933.30	421700	49.8052 ng/ml
Diazepam	5.929	385042	1573.06	87.1	∞	363485	51.0659 ng/ml
Dihydrocodeine	2.488	253101	1406.97	66.0	840.54	272597	54.0800 ng/ml
Diphenhydramine	5.247	196452	2086.60	32.3	115.18	334831	49.3786 ng/ml
Doxylamine	4.487	1159388	37279.49	98.1	104008.31	946337	49.6997 ng/ml
EDDP	5.211	388229	9779.85	43.9	∞	419467	49.1400 ng/ml
Fentanyl	5.040	4661	64.16	64.9	∞	41705	5.0081 ng/ml
Fluoxetine	5.683	23067	688.46	8.0	276.82	18657	50.7953 ng/ml
Hydrocodone	2.959	311764	678.43	39.4	485.83	386780	54.6317 ng/ml
Hydromorphone	1.553	285778	1160.92	78.9	317.78	182843	51.2904 ng/ml
Ketamine	3.996	656788	1703.02	40.2	1146.56	568738	52.0159 ng/ml
Lamotrigine	4.226	60231	2557.39	82.0	9545.44	568738	54.6386 ng/ml
Lorazepam	5.722	539669	1160.73	57.1	4305.10	164204	51.8358 ng/ml
MDA	3.130	416192	2971.87	18.6	1887.39	155940	53.0601 ng/ml
MDMA	3.224	403581	∞	59.5	7115.76	71015	51.1472 ng/ml
Meprobamate	4.862	82196	481.22	25.5	1803.95	86366	53.4453 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.629	122823	499.82	52.9	14397.80	120833	48.4539 ng/ml
Methamphetamine	3.158	202745	448.54	41.6	145.68	230046	52.4019 ng/ml
Metoprolol	4.278	116931	∞	96.9	3130.74	1381721	51.3873 ng/ml
Mirtazapine	4.569	316882	457232.38	50.0	6575.39	613332	43.1892 ng/ml
Mitragynine	5.181	24667	5132.06	36.2	10765.29	120833	49.6336 ng/ml
Morphine	1.200	47803	755.59	24.0	767.87	10090	52.2382 ng/ml
Norbuprenorphine	4.944	631	40.78	88.7	175.11	5643	5.0987 ng/ml
Nordiazepam	5.876	364443	2718.10	57.0	4010.01	235488	51.3802 ng/ml
Norfentanyl	4.030	117219	4144.79	37.0	505.91	1001660	4.8702 ng/ml
Norhydrocodone	3.007	31903	411.86	43.3	558.97	67003	42.8839 ng/ml
Noroxycodone	2.845	245872	1873.65	50.0	714.84	169271	49.3487 ng/ml
O-desmethyl-tramadol	3.317	1620200	5452.36	6.0	688.98	1738160	49.3036 ng/ml
Oxazepam	5.732	587478	7390.01	72.3	∞	709217	53.0217 ng/ml
Oxycodone	2.762	625645	7597.51	31.3	2196.25	518097	52.2862 ng/ml
Oxymorphone	1.350	267240	1275.07	46.0	1106.45	185964	51.9793 ng/ml
Phentermine	3.716	72107	339.05	2.8	97.27	212154	53.3832 ng/ml
Promethazine	5.508	73290	359.47	29.9	204.09	63850	49.7280 ng/ml
Quetiapine	5.519	192930	12911.57	61.1	∞	48333	51.9129 ng/ml
Sertraline	5.751	11711	476.20	90.8	31783.25	9375	50.1688 ng/ml
Temazepam	5.792	1034144	6931.01	30.3	2572.43	1052750	48.1574 ng/ml
Tramadol	4.190	1359048	3260.60	3.4	363.77	1381721	51.0366 ng/ml
Trazodone	5.079	169749	∞	81.1	8004.09	135595	49.4430 ng/ml
Venlafaxine	4.987	793086	6664.54	36.1	1948.18	860212	49.1606 ng/ml
Zolpidem	4.845	1708715	∞	30.7	22562.03	1640384	53.2821 ng/ml

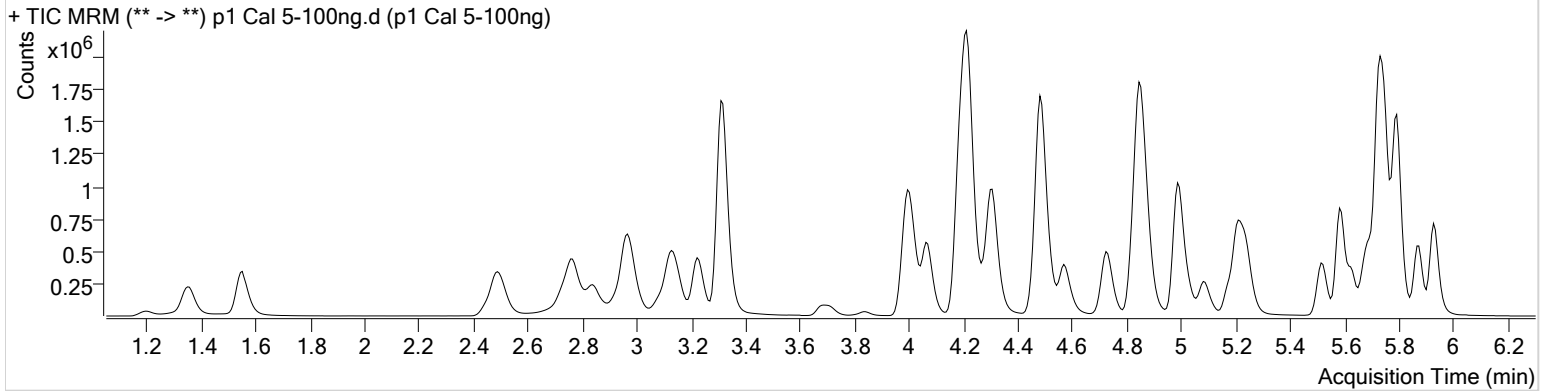
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument Falco **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method MDQ P1 060520.m **Operator** Sarah Pickle
Sample Position P1-E1 **Comment**
Injection Volume 2
Acq. Date-Time 9/29/2020 7:48:14 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	34549	1412.67	71.2	1427.31	74762	10.0239 ng/ml
7-aminoclonazepam	4.223	626123	18824.02	82.0	10387.53	227407	100.3164 ng/ml
a-hydroxyalprazolam	5.668	288056	1167.06	62.5	747.09	67323	106.8768 ng/ml
alpha-PHP	4.875	235217	14315.38	266.4	10990.81	593578	100.3605 ng/ml
alpha-PVP	4.308	1349511	1356.88	50.0	756.39	593578	94.7614 ng/ml
Alprazolam	5.751	1001028	2499.82	104.8	1680.21	278096	99.0437 ng/ml
Amphetamine	2.977	882864	7272.58	48.6	918.67	79499	108.3995 ng/ml
Benzoylecgonine	3.838	54408	2277.91	7.7	1406.21	20248	97.5059 ng/ml
Buprenorphine	5.775	10209	117.47	17.4	125.93	44345	9.3588 ng/ml
Bupropion	4.726	798092	23260.63	60.7	3956.87	241488	100.3595 ng/ml
Carisoprodol	5.700	420463	808556.03	52.9	1658.66	212091	101.8625 ng/ml
Citalopram	5.176	300711	747.42	41.8	1893.67	137627	99.0383 ng/ml
Clonazepam	5.581	1264355	6653.82	33.2	70040.37	148135	104.5053 ng/ml
Cocaine	4.216	1522731	187143.87	44.9	36531.05	1075082	97.1541 ng/ml
Codeine	2.509	177562	8139.23	104.6	7669.44	80672	101.8442 ng/ml
Cyclobenzaprine	5.598	98100	1842.33	10.4	191.77	40077	97.6163 ng/ml
Dextromethorphan	5.212	137389	10810.46	80.5	436.52	63854	100.4102 ng/ml
Dextrophan	4.070	322577	38758.34	210.8	2339.63	412135	98.5164 ng/ml
Diazepam	5.929	689569	1693.49	87.5	2662.36	330068	100.8665 ng/ml
Dihydrocodeine	2.481	466566	2326.96	65.1	1141.97	253512	108.0955 ng/ml
Diphenhydramine	5.247	449287	507.91	31.8	4638.32	380907	99.0262 ng/ml
Doxylamine	4.480	2371569	∞	96.8	77073.07	958219	100.4667 ng/ml
EDDP	5.211	768696	51764.23	43.4	8060.13	416305	98.0687 ng/ml
Fentanyl	5.040	13482	313.22	66.9	10401.34	64038	9.4849 ng/ml
Fluoxetine	5.683	83960	2335.61	8.6	∞	33316	103.6364 ng/ml
Hydrocodone	2.953	561666	1196.74	39.6	528.74	360454	106.2363 ng/ml
Hydromorphone	1.553	512501	∞	77.8	∞	167194	100.9674 ng/ml
Ketamine	3.996	1220251	1901.38	39.9	730.02	536152	103.0229 ng/ml
Lamotrigine	4.226	104620	2363.69	79.7	15277.70	536152	101.5475 ng/ml
Lorazepam	5.722	898311	∞	55.7	6198.41	148135	96.7713 ng/ml
MDA	3.130	793726	6676.18	17.9	3701.07	149286	106.2456 ng/ml
MDMA	3.224	770004	51426.18	60.7	6345.76	69042	100.5143 ng/ml
Meprobamate	4.862	137824	673.83	25.3	5928.75	75376	103.0457 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.629	318195	1379.82	52.4	5892.62	151397	99.9859 ng/ml
Methamphetamine	3.151	381199	654.42	41.7	892.53	232253	99.1564 ng/ml
Metoprolol	4.278	219758	67631.38	95.2	7826.69	1307414	102.4671 ng/ml
Mirtazapine	4.569	677004	8616.85	49.5	20015.22	593578	96.4598 ng/ml
Mitragynine	5.181	61476	4797.84	38.7	3448.75	151397	99.7570 ng/ml
Morphine	1.200	85254	2130.49	24.0	333.23	9303	101.3764 ng/ml
Norbuprenorphine	4.944	1331	30.40	101.1	189.46	6714	9.1291 ng/ml
Nordiazepam	5.876	650254	4131.28	58.0	2372.78	214245	101.0177 ng/ml
Norfentanyl	4.030	216491	32766.43	37.5	619.48	938759	9.5630 ng/ml
Norhydrocodone	3.007	56203	98.94	43.1	114.71	54383	90.7404 ng/ml
Noroxycodone	2.838	452949	1119.21	49.5	2956.25	153804	100.1362 ng/ml
O-desmethyl-tramadol	3.317	3018030	11734.86	6.0	2695.77	1601355	99.5276 ng/ml
Oxazepam	5.732	996161	∞	71.7	1802.81	604645	105.9883 ng/ml
Oxycodone	2.762	1145922	3887.62	31.3	6279.61	485423	102.5960 ng/ml
Oxymorphone	1.350	462315	1472.45	47.8	2102.33	172113	97.5049 ng/ml
Phentermine	3.716	141203	334.29	2.9	82.17	214593	104.1192 ng/ml
Promethazine	5.508	233569	4620.28	31.0	1048.40	102455	98.4706 ng/ml
Quetiapine	5.519	410764	13278.17	60.6	396.85	52936	100.9127 ng/ml
Sertraline	5.751	40063	∞	87.9	374.52	15935	100.5543 ng/ml
Temazepam	5.792	1870483	5111.84	30.3	933.33	956503	95.8134 ng/ml
Tramadol	4.190	2546835	47611.75	3.4	1283.87	1307414	101.4244 ng/ml
Trazodone	5.079	406374	∞	77.1	∞	162052	98.8021 ng/ml
Venlafaxine	4.987	1545721	983.71	36.3	1251.39	844226	97.0736 ng/ml
Zolpidem	4.845	3104885	173490.81	30.8	136755.54	1529310	104.3301 ng/ml

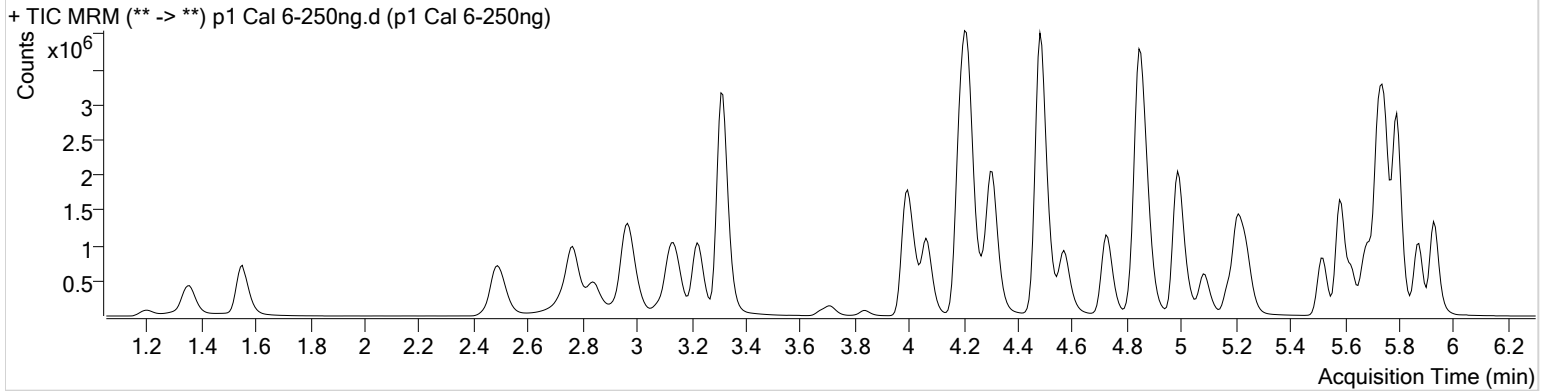
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument	Falco	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-F1	Comment	
Injection Volume	2		
Acq. Date-Time	9/29/2020 7:58:50 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	86844	1260.87	70.8	22456.54	72962	25.9648 ng/ml
7-aminoclonazepam	4.223	1289191	1063.19	80.2	12816.78	182837	257.0379 ng/ml
a-hydroxyalprazolam	5.668	623579	2587.02	61.6	1426.72	62376	250.2173 ng/ml
alpha-PHP	4.875	546682	6709.37	265.7	84231.65	563989	246.5377 ng/ml
alpha-PVP	4.308	3307208	39631.15	49.3	2315.15	563989	243.3743 ng/ml
Alprazolam	5.751	2148793	1943.39	103.9	2596.75	233760	252.3797 ng/ml
Amphetamine	2.977	1968076	7369.40	49.9	5170.01	82634	234.9225 ng/ml
Benzoylcegonine	3.838	138637	730.78	8.0	292.71	20577	243.6623 ng/ml
Buprenorphine	5.775	22050	285.47	15.5	321.20	33427	26.7006 ng/ml
Bupropion	4.726	2000356	58948.07	60.5	5827.04	242658	250.5571 ng/ml
Carisoprodol	5.700	867079	1300.29	53.7	5895.25	180006	247.9237 ng/ml
Citalopram	5.176	654656	614.38	41.3	7243.76	118751	249.6855 ng/ml
Clonazepam	5.581	2792445	1195241.49	33.1	182348.72	132819	258.1762 ng/ml
Cocaine	4.209	3490058	147854.67	44.6	∞	974848	244.9320 ng/ml
Codeine	2.509	403376	1872.85	103.0	1829.10	73280	254.9214 ng/ml
Cyclobenzaprine	5.592	174990	2227.53	9.9	407.72	28152	247.7692 ng/ml
Dextromethorphan	5.212	284796	18815.03	79.3	397.73	52957	250.9497 ng/ml
Dextrorphan	4.063	755663	1879.11	213.0	20640.31	382199	248.4596 ng/ml
Diazepam	5.929	1524192	15011.09	86.3	5496.13	292111	252.1589 ng/ml
Dihydrocodeine	2.481	1089788	3047.97	66.3	2241.00	250866	256.3938 ng/ml
Diphenhydramine	5.247	998738	33065.09	32.2	25408.86	339986	246.2671 ng/ml
Doxylamine	4.480	6038284	90537.96	96.3	123860.31	959663	255.5128 ng/ml
EDDP	5.211	1865319	3434.44	43.1	792.13	397978	248.9824 ng/ml
Fentanyl	5.040	26250	338.69	63.8	∞	47095	25.2059 ng/ml
Fluoxetine	5.683	126555	13789.62	9.0	7127.91	21683	240.1515 ng/ml
Hydrocodone	2.953	1289327	∞	40.8	299.32	353913	249.2725 ng/ml
Hydromorphone	1.553	1217757	∞	78.9	∞	163766	245.4892 ng/ml
Ketamine	3.990	2957715	4209.73	39.6	2088.43	526474	255.0723 ng/ml
Lamotrigine	4.226	207614	4815.32	81.2	3328.17	526474	206.2773 ng/ml
Lorazepam	5.722	1477406	∞	56.5	∞	132819	178.6216 ng/ml
MDA	3.130	1785468	14482.25	17.5	13213.82	140398	254.8904 ng/ml
MDMA	3.224	1880059	54252.43	60.0	31133.49	67355	251.7856 ng/ml
Meprobamate	4.869	261853	16057.76	25.9	∞	60337	245.1109 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.629	681589	1628.86	53.3	11164.71	129523	250.0595 ng/ml
Methamphetamine	3.151	899867	899.72	42.3	1472.82	221772	247.8081 ng/ml
Metoprolol	4.271	517605	∞	96.5	28859.31	1211919	260.9907 ng/ml
Mirtazapine	4.569	1602008	13535.12	49.4	52488.94	563989	241.6087 ng/ml
Mitragynine	5.174	128945	18247.17	37.3	368.04	129523	246.0880 ng/ml
Morphine	1.200	204195	∞	24.1	∞	9211	245.7334 ng/ml
Norbuprenorphine	4.937	3094	127.94	77.4	232.39	5099	28.1731 ng/ml
Nordiazepam	5.876	1414543	5799.84	57.8	3245.29	185866	253.7014 ng/ml
Norfentanyl	4.030	540417	6552.67	37.3	2076.73	883472	25.3072 ng/ml
Norhydrocodone	3.007	127380	556.52	42.3	1240.31	43943	250.9076 ng/ml
Noroxycodone	2.845	1013831	956.49	49.6	963.49	137145	251.4807 ng/ml
O-desmethyl-tramadol	3.317	7291019	96330.65	5.9	25161.04	1528488	251.6659 ng/ml
Oxazepam	5.726	1820590	∞	69.8	9923.68	460448	255.1211 ng/ml
Oxycodone	2.762	2852508	8618.62	31.5	∞	493286	251.9000 ng/ml
Oxymorphone	1.350	1101039	4366.97	46.8	∞	151886	263.8161 ng/ml
Phentermine	3.716	342273	∞	2.7	228.38	209022	260.3327 ng/ml
Promethazine	5.508	414975	769.47	31.5	2252.50	72601	246.4437 ng/ml
Quetiapine	5.519	982235	121152.46	59.6	∞	49988	255.5281 ng/ml
Sertraline	5.751	55304	754.08	89.6	453.63	9245	238.6911 ng/ml
Temazepam	5.792	4230306	3067.56	29.6	6610.87	822895	251.7857 ng/ml
Tramadol	4.190	5983914	2552.08	3.3	1491.22	1211919	257.6220 ng/ml
Trazodone	5.079	934460	∞	77.5	2614.41	146759	250.5049 ng/ml
Venlafaxine	4.987	3780533	27694.05	35.6	11404.32	818920	243.9039 ng/ml
Zolpidem	4.845	7430447	3374.81	29.7	6520.96	1488888	257.1928 ng/ml

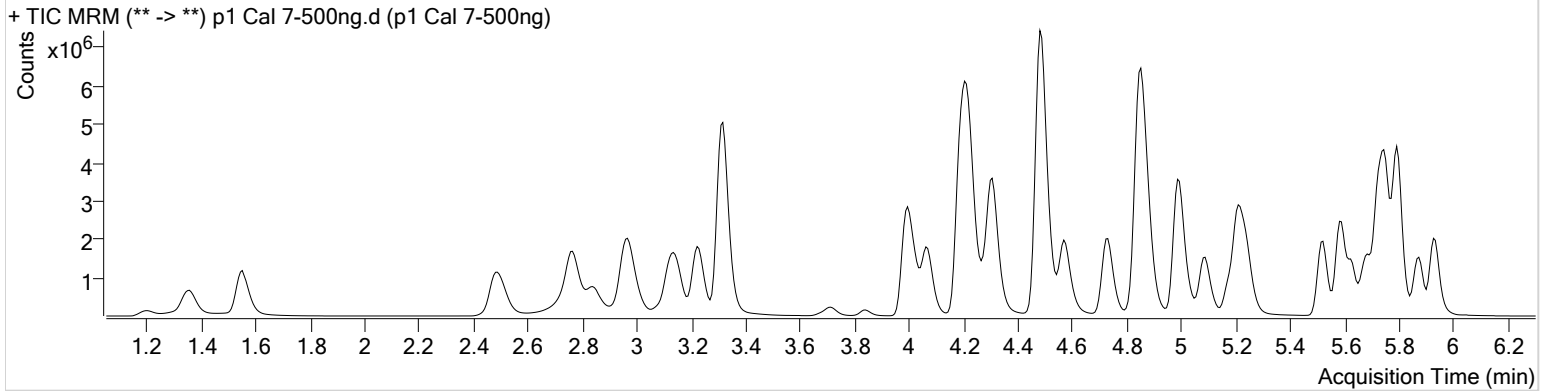
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument	Falco	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-G1	Comment	
Injection Volume	2		
Acq. Date-Time	9/29/2020 8:09:25 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	168556	4246.66	70.6	51372.45	73733	49.9543 ng/ml
7-aminoclonazepam	4.223	1732853	29258.99	81.0	14826.39	126810	498.2183 ng/ml
a-hydroxyalprazolam	5.668	998807	3609.84	62.2	2712.51	51139	489.2000 ng/ml
alpha-PHP	4.881	981446	42744.51	268.6	44137.03	523407	477.5971 ng/ml
alpha-PVP	4.308	6229857	209719.19	48.6	40960.60	523407	493.3173 ng/ml
Alprazolam	5.751	3534130	2303.85	103.1	6225.37	190027	510.2555 ng/ml
Amphetamine	2.977	3215925	12033.02	48.7	6987.73	79128	402.3939 ng/ml
Benzoylecgonine	3.838	290177	2575.42	7.8	601.28	20972	499.8510 ng/ml
Buprenorphine	5.775	44259	651.19	16.0	193.76	36011	49.6949 ng/ml
Bupropion	4.733	3660489	249901.63	60.2	117400.90	224375	496.0073 ng/ml
Carisoprodol	5.700	1318361	103800.58	52.6	7169.76	136926	495.8506 ng/ml
Citalopram	5.176	1371662	3398.17	41.8	1735.52	125262	495.8306 ng/ml
Clonazepam	5.581	4374000	153170.87	32.6	330385.42	109395	491.4549 ng/ml
Cocaine	4.216	6110674	245658.07	43.8	69121.48	842540	495.7624 ng/ml
Codeine	2.509	667197	1676.16	104.1	2137.66	63915	483.5624 ng/ml
Cyclobenzaprine	5.598	485464	48784.43	10.0	∞	38353	504.4827 ng/ml
Dextromethorphan	5.212	601116	1288.10	78.7	807.09	55767	502.9709 ng/ml
Dextrorphan	4.070	1365458	2798.34	211.2	42108.96	350641	489.1113 ng/ml
Diazepam	5.929	2556583	41748.68	87.2	1912.02	250539	493.2871 ng/ml
Dihydrocodeine	2.481	1930148	47181.43	63.9	28780.06	243331	468.9238 ng/ml
Diphenhydramine	5.247	2098702	2116.30	32.4	1414.36	360315	488.0612 ng/ml
Doxylamine	4.480	11643685	176950.65	97.4	577759.56	932099	507.3408 ng/ml
EDDP	5.211	4106534	1469.67	42.2	18730.46	435060	501.4516 ng/ml
Fentanyl	5.047	69463	455.79	64.1	171006.17	61748	50.9302 ng/ml
Fluoxetine	5.683	337301	22496.10	8.7	∞	28396	488.8378 ng/ml
Hydrocodone	2.953	2232731	1201.21	39.2	∞	337667	452.9794 ng/ml
Hydromorphone	1.553	2156195	∞	77.5	1301.64	145609	489.2609 ng/ml
Ketamine	3.996	5415767	5267.50	39.2	11516.46	500842	491.4411 ng/ml
Lamotrigine	4.232	308431	22069.12	80.0	∞	500842	322.7110 ng/ml
Lorazepam	5.722	1728991	∞	56.1	3424.28	109395	254.3615 ng/ml
MDA	3.123	2877992	5004.49	17.3	8247.99	119624	482.6934 ng/ml
MDMA	3.224	3453351	218812.24	59.0	86688.38	62614	497.6475 ng/ml
Meprobamate	4.869	349112	41486.23	25.7	2106.67	44915	439.3155 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.629	1569212	1853.06	53.9	29069.73	151254	492.8132 ng/ml
Methamphetamine	3.151	1686466	5485.59	42.6	1848.61	214279	482.3719 ng/ml
Metoprolol	4.278	877473	59259.88	96.9	24183.41	1106608	484.9009 ng/ml
Mirtazapine	4.569	3503895	89340.00	49.4	9895.97	523407	570.6715 ng/ml
Mitragynine	5.181	296441	20133.32	38.4	24167.48	151254	485.4775 ng/ml
Morphine	1.200	364035	∞	24.1	∞	8148	495.5923 ng/ml
Norbuprenorphine	4.944	5951	1353.92	84.5	130.71	5755	48.0951 ng/ml
Nordiazepam	5.876	2306748	5744.25	57.5	148509.47	155644	494.3035 ng/ml
Norfentanyl	4.030	1023810	50255.16	37.4	2607.45	765748	55.2728 ng/ml
Norhydrocodone	3.007	225399	∞	42.0	2972.88	37695	515.4429 ng/ml
Noroxycodone	2.838	1599992	1932.22	44.2	1111.85	109925	495.2339 ng/ml
O-desmethyl-tramadol	3.317	13188991	∞	5.8	2525.92	1358788	511.9429 ng/ml
Oxazepam	5.726	2314045	∞	72.9	9771.73	304885	490.2184 ng/ml
Oxycodone	2.762	5330490	10889.09	31.2	∞	476375	487.8118 ng/ml
Oxymorphone	1.356	1877370	∞	46.6	7288.83	134431	508.6037 ng/ml
Phentermine	3.716	619964	5698.87	2.6	123.20	200034	493.4676 ng/ml
Promethazine	5.508	1133902	1141.74	31.0	3197.27	100817	484.6398 ng/ml
Quetiapine	5.519	2319782	156480.05	59.6	∞	59927	503.3911 ng/ml
Sertraline	5.758	130817	1452.63	91.2	671.23	10102	516.1977 ng/ml
Temazepam	5.792	7302099	88982.12	28.7	1410.12	691526	517.1231 ng/ml
Tramadol	4.190	10538305	5985.78	3.3	1346.86	1106608	497.2042 ng/ml
Trazodone	5.086	2464497	110779.71	78.2	1857.78	188952	512.8929 ng/ml
Venlafaxine	4.987	7260699	3221.30	35.2	3145.98	771829	496.4259 ng/ml
Zolpidem	4.845	13713444	184594.12	29.3	∞	1436636	492.3943 ng/ml

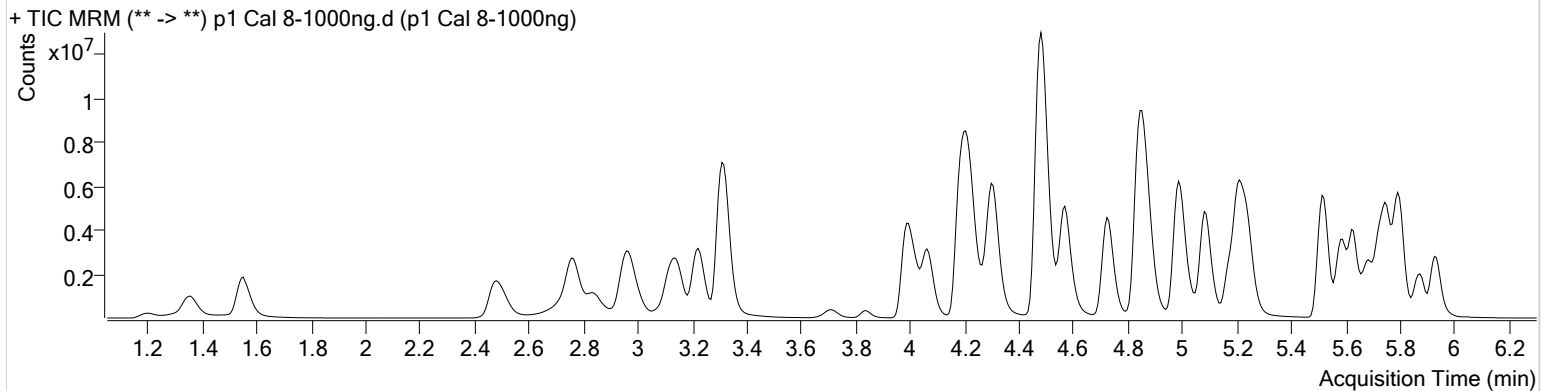
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\092920 AM 27 28 SP\QuantResults\AM 28.batch.bin
Calibration Last Update 9/30/2020 12:56:31 PM

Instrument	Falco	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-H1	Comment	
Injection Volume	2		
Acq. Date-Time	9/29/2020 8:20:01 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.079	317599	15332.25	70.1	2271.19	70381	98.6992 ng/ml
7-aminoclonazepam	4.230	1911677	26104.08	80.6	6615.37	69874	997.5847 ng/ml
a-hydroxyalprazolam	5.668	1379693	2416.13	62.0	1589.13	38664	894.1005 ng/ml
alpha-PHP	4.881	1872696	74664.81	271.8	17621.54	468291	1019.3785 ng/ml
alpha-PVP	4.308	11528419	109711.24	48.5	103837.19	468291	1019.6297 ng/ml
Alprazolam	5.751	4880622	7315.84	103.6	∞	135162	990.3657 ng/ml
Amphetamine	2.970	5145402	14023.74	49.4	31901.32	85466	597.1011 ng/ml
Benzoylecgonine	3.831	625918	2293.01	7.7	15831.40	20610	1096.4705 ng/ml
Buprenorphine	5.775	136648	1113.22	16.0	884.04	51920	106.3460 ng/ml
Bupropion	4.726	8514270	186961.88	59.4	59166.57	258051	1003.3038 ng/ml
Carisoprodol	5.700	1690907	54774.95	52.8	9117.02	88539	983.8250 ng/ml
Citalopram	5.176	3601797	8552.13	41.5	599.60	162242	1005.0903 ng/ml
Clonazepam	5.581	5539650	44223.40	32.9	∞	81606	834.7362 ng/ml
Cocaine	4.209	9918636	∞	43.5	154043.70	669032	1012.9620 ng/ml
Codeine	2.509	1054645	10601.20	101.7	955.02	51736	944.4421 ng/ml
Cyclobenzaprine	5.592	2130472	1499.74	9.8	4482.71	81450	1042.4042 ng/ml
Dextromethorphan	5.212	1567328	1038.57	78.4	11511.48	71010	1029.8903 ng/ml
Dextrophan	4.063	2548021	7271.94	215.1	61907.28	315473	1014.1720 ng/ml
Diazepam	5.936	3841133	1486.74	88.9	943.28	187245	991.8232 ng/ml
Dihydrocodeine	2.475	3125134	1514.99	64.3	42683.00	228794	808.1454 ng/ml
Diphenhydramine	5.247	5729021	104616.93	32.6	2459.80	471802	1017.2189 ng/ml
Doxylamine	4.480	22222644	384753.51	95.9	303139.92	937616	962.6496 ng/ml
EDDP	5.211	9168252	13305.87	41.4	169239.96	465693	1045.9323 ng/ml
Fentanyl	5.040	289388	878.90	65.3	591.14	125048	104.8326 ng/ml
Fluoxetine	5.683	1538757	51754.54	8.7	4546.74	62564	1012.2775 ng/ml
Hydrocodone	2.945	3906792	131.72	38.9	∞	309110	866.4515 ng/ml
Hydromorphone	1.553	3620240	1875.01	77.8	∞	121977	981.0124 ng/ml
Ketamine	3.990	9295612	∞	39.0	15719.64	459485	919.8865 ng/ml
Lamotrigine	4.232	366585	1931.85	80.9	14765.85	459485	418.3857 ng/ml
Lorazepam	5.722	1686495	∞	57.1	6150.73	81606	333.0085 ng/ml
MDA	3.116	4308698	241360.30	16.6	9496.13	102731	841.8888 ng/ml
MDMA	3.224	6351845	270202.91	57.5	45841.97	58939	972.5623 ng/ml
Meprobamate	4.876	377744	7239.24	25.4	3495.63	29629	720.8303 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.629	5289636	86046.36	51.7	39400.99	239561	1048.6471 ng/ml
Methamphetamine	3.151	3765339	7481.11	42.3	2786.18	255284	905.5799 ng/ml
Metoprolol	4.271	1372972	2187670.33	96.1	13467.68	957445	877.2520 ng/ml
Mirtazapine	4.569	9576128	234931.63	48.5	208167.81	468291	1745.1066 ng/ml
Mitragynine	5.174	994428	58638.28	38.8	∞	239561	1029.4052 ng/ml
Morphine	1.200	602258	∞	24.0	∞	7224	925.1623 ng/ml
Norbuprenorphine	4.937	17878	225.41	87.4	24829.86	8361	99.5823 ng/ml
Nordiazepam	5.876	3281684	1809.11	58.3	2269.13	115220	950.1768 ng/ml
Norfentanyl	4.030	1894159	7754.13	37.1	∞	612967	127.7025 ng/ml
Norhydrocodone	3.001	410799	1073.75	40.6	105.90	30044	1176.0768 ng/ml
Noroxycodone	2.838	2478191	∞	47.6	2173.34	82892	1017.2955 ng/ml
O-desmethyl-tramadol	3.310	21140492	5082.25	5.9	4743.80	1102285	1011.3882 ng/ml
Oxazepam	5.726	2146551	48840.52	75.6	125947.42	164352	843.9560 ng/ml
Oxycodone	2.755	9430517	2010.92	30.8	∞	438594	937.7307 ng/ml
Oxymorphone	1.350	3009166	∞	48.4	345.91	117105	936.1710 ng/ml
Phentermine	3.716	1129022	8993.33	2.6	822.62	216889	829.3813 ng/ml
Promethazine	5.508	5122786	5903.57	29.7	20049.92	216168	1020.8271 ng/ml
Quetiapine	5.519	5807524	266418.09	59.0	109279.41	79935	944.7936 ng/ml
Sertraline	5.758	513659	22958.42	91.7	50250.86	20560	995.5074 ng/ml
Temazepam	5.792	10406112	23133.01	28.6	39772.67	482733	1055.6333 ng/ml
Tramadol	4.184	16818224	1584498.06	3.2	18173.97	957445	917.4151 ng/ml
Trazodone	5.079	7987516	250898.73	79.1	∞	317469	989.1534 ng/ml
Venlafaxine	4.987	13810770	∞	34.8	85927.66	718628	1013.5832 ng/ml
Zolpidem	4.845	21566240	∞	30.3	295644.91	1310887	849.0037 ng/ml