

Worklist: 3630

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
M2019-2843	2	161539	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2019-3019	3	161540	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2019-3081	1	161541	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2019-3169	2	161542	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2019-3220	2	161543	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2196	1	161544	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2198	1	161545	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2238	1	161546	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2240	1	161547	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2251	1	161548	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2256	1	161549	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2264	1	161550	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2265	1	161551	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2267	1	161552	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2275	1	161553	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2288	1	161554	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2318	1	161555	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2343	1	161556	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	

AM #28 Multi-Drug Quant. Results



Batch results

D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin

Calibration Last Update

8/28/2019 8:00:35 AM

Instrument

Falco

Data File

p1 Negative.d

Type

Sample

Sample

p1 Negative

Acq. Method

MDQ P1 Combined 082219.m

Operator

Comment

Sample Position

P2-D11

Injection Volume

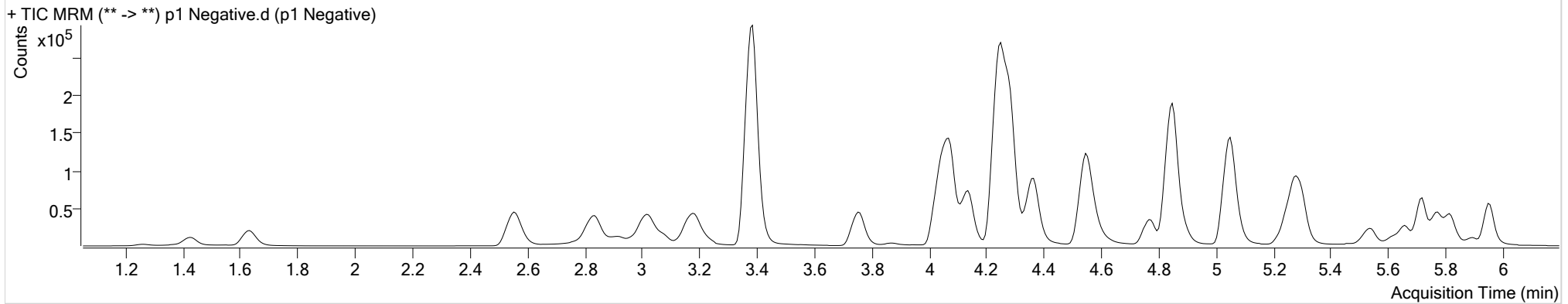
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Acq. Date-Time

8/27/2019 5:37:03 PM

Sample Info.

Sample Chromatogram



AM #28 Multi-Drug Quant. Results



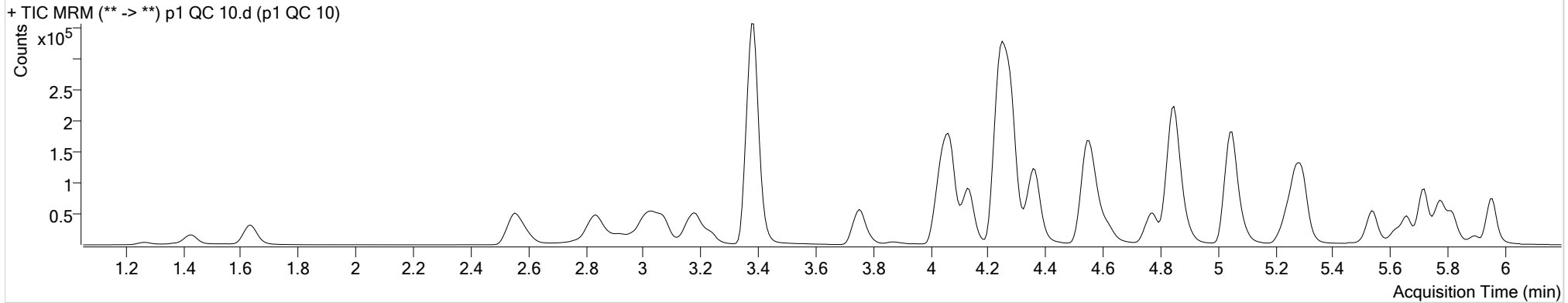
Batch results
Calibration Last Update

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8/28/2019 8:00:35 AM

Instrument Falco
Type QC
Acq. Method MDQ P1 Combined 082219.m
Sample Position P2-H11
Injection Volume 1
Acq. Date-Time 8/27/2019 3:41:58 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.156	1252	6789.10	75.4	704.03	30610	1.0030 ng/ml
7-aminoclonazepam	4.269	15564	9051.17	77.7	32.39	67277	9.9334 ng/ml
a-hydroxyalprazolam	5.704	1144	32.14	67.6	361.47	7710	9.7517 ng/ml
alpha-PVP	4.375	59011	537.90	48.8	1289.09	269869	9.7299 ng/ml
Alprazolam	5.781	28394	195.16	108.3	399.39	93990	9.7255 ng/ml
Amphetamine	3.074	61732	338.70	52.7	558.04	69996	10.8478 ng/ml
Benzoylcegonine	3.899	2358	99.46	7.1	28.07	8417	8.7460 ng/ml
Buprenorphine	5.730	231	6.15 Low	19.4 High	6.43 Low	9376	0.8740 ng/ml poor peak shape
Bupropion	4.790	34544	1651.52	60.4	873.74	118070	9.7850 ng/ml
Carisoprodol	5.730	24507	173.05	57.4	170.64	118904	9.7678 ng/ml
Citalopram	5.233	14383	735.55	43.3	597.12	65086	10.1191 ng/ml
Clonazepam	5.611	4665	736.84	32.7	∞	8578	9.5297 ng/ml
Cocaine	4.275	59699	∞	46.6	6242.10	515005	9.6283 ng/ml
Codeine	2.610	8881	3281.73	104.0	2257.43	39604	10.4342 ng/ml
Cyclobenzaprine	5.627	7582	18779.23	9.4	∞	33364	10.6562 ng/ml
Dextromethorphan	5.276	7773	242.73	83.5	656.84	33105	10.7575 ng/ml
Dextrorphan	4.138	14951	1789.91	214.6	6072.55	194951	9.9035 ng/ml
Diazepam	5.958	27557	229.18	89.6	∞	130914	9.9852 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Dihydrocodeine	2.582	24195	7358.83	68.6	∞	136351	10.1514 ng/ml	
Diphenhydramine	5.297	36183	468.51	30.9	500.79	225228	10.3904 ng/ml	
Doxylamine	4.564	106272	3888.81	101.0	4614.93	469242	9.4488 ng/ml	
EDDP	5.268	28070	453.03	41.7	∞	152221	9.9031 ng/ml	
Fentanyl	5.083	883	50.85	83.0	∞	42330	1.2145 ng/ml	
Fluoxetine	5.719	10833	664.51	9.6	2373.55	37641	11.4198 ng/ml	
Hydrocodone	3.051	19930	1327.12	37.1	319.19	126902	9.9635 ng/ml	
Hydromorphone	1.641	19740	158.93	74.5	341.38	75434	9.5605 ng/ml	
Ketamine	4.051	61119	1664.04	36.1	419.87	263060	10.1511 ng/ml	
Lamotrigine	4.299	6002	123.48	79.0	774.82	263060	9.6999 ng/ml	Ⓢ
Lorazepam	5.752	1023	38.77	35.8 Low	2.86 Low	8578	7.5865 ng/ml	outside curve range
Meprobamate	4.913	6282	617.33	28.3	110.99	32865	9.7692 ng/ml	
Methadone	5.658	15144	1814.53	55.3	633.26	70769	10.2975 ng/ml	
Methamphetamine	3.240	30764	262.51	42.4	60.76	146217	9.1696 ng/ml	
Metoprolol	4.331	13691	59178.43	92.6	289.97	663317	9.1488 ng/ml	
Mirtazapine	4.620	31067	820.58	51.8	1931.60	269869	4.5768 ng/ml	
Mitragynine	5.218	2660	4352.23	37.0	86.45	70769	9.8988 ng/ml	
Morphine	1.273	4707	1736.14	20.6	8434.74	6002	10.1324 ng/ml	
Nordiazepam	5.905	5247	6282.26	60.7	255.19	17279	9.7097 ng/ml	
Norfentanyl	4.093	8963	502.04	35.9	∞	400670	0.9777 ng/ml	
Norhydrocodone	3.092	784	108.97	20.8	18.37	35473	8.8784 ng/ml	
Noroxycodone	2.942	13322	104.32	48.4	80.97	39000	10.1458 ng/ml	
O-desmethyl-tramadol	3.388	172162	4701.16	6.5	306.69	911565	10.0985 ng/ml	Ⓢ
Oxazepam	5.755	1371	16.53	54.1 Low	∞	7887	6.6625 ng/ml	outside curve range
Oxycodone	2.860	37141	132.82	30.9	156.52	169162	10.2507 ng/ml	
Oxymorphone	1.430	11424	180.60	46.2	∞	42347	9.8801 ng/ml	
Phentermine	3.790	15248	78.37	2.6	17.72	175396	9.9543 ng/ml	
Promethazine	5.545	16327	317.92	32.5	217.75	65750	11.1894 ng/ml	
Quetiapine	5.534	23507	∞	56.9	25038.65	29448	10.7319 ng/ml	
Sertraline	5.788	4278	101.00	102.5	72.15	17510	10.4394 ng/ml	
Temazepam	5.822	14934	110.97	34.8	129.50	79299	9.8802 ng/ml	
Tramadol	4.251	140818	1495.84	3.5	69.51	663317	10.5699 ng/ml	
Trazodone	5.089	18059	237.06	74.0	1106.69	70784	10.6116 ng/ml	
Venlafaxine	5.052	71591	2098.72	34.7	323.79	371766	10.0886 ng/ml	
Zolpidem	4.862	127385	3495.12	32.4	426.86	589748	10.0856 ng/ml	

AM #28 Multi-Drug Quant. Results



SS

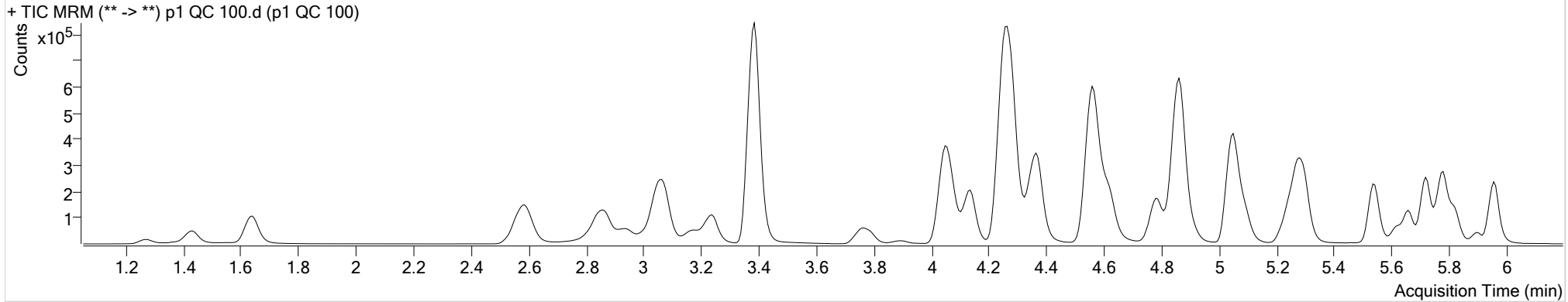
Batch results
Calibration Last Update

D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
8/28/2019 8:00:35 AM

Instrument Falco
Type QC
Acq. Method MDQ P1 Combined 082219.m
Sample Position P2-G11
Injection Volume 1
Acq. Date-Time 8/27/2019 4:02:52 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.156	12300	15315.14	71.3	∞	28952	9.8313 ng/ml
7-aminoclonazepam	4.269	136586	36940.00	79.1	5517.54	62427	101.1977 ng/ml
a-hydroxyalprazolam	5.697	10753	223.22	73.9	211.31	7670	93.3630 ng/ml
alpha-PVP	4.375	506208	27569.28	49.2	9040.40	235546	95.9421 ng/ml
Alprazolam	5.781	259056	∞	108.4	826.47	85374	97.6499 ng/ml
Amphetamine	3.074	441038	5468.33	53.0	9498.35	53482	107.7776 ng/ml
Benzoylcegonine	3.892	16658	6924.22	8.1	∞	8265	95.3096 ng/ml
Buprenorphine	5.730	2207	4636.36	16.5	450.10	8469	10.7180 ng/ml
Bupropion	4.790	298687	3417.96	59.9	2092.29	103044	99.1944 ng/ml
Carisoprodol	5.730	229142	2333.34	57.6	515.63	110326	100.4668 ng/ml
Citalopram	5.233	129610	2977.01	42.3	∞	62414	95.8586 ng/ml
Clonazepam	5.611	44061	2685.64	30.6	359.49	8370	98.5112 ng/ml
Cocaine	4.275	525477	1021.92	47.4	28162.02	455481	96.0159 ng/ml
Codeine	2.610	77406	13490.87	108.0	774.99	35693	102.2872 ng/ml
Cyclobenzaprine	5.627	63379	29315.38	11.8	336.74	31644	94.2530 ng/ml
Dextromethorphan	5.276	68115	2654.32	82.1	696.11	32445	98.2048 ng/ml
Dextrorphan	4.138	130976	1683.89	206.9	107124.96	169888	101.3515 ng/ml
Diazepam	5.958	250822	914.73	89.3	6869.02	122653	98.3535 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.582	222061	26837.12	68.6	21696.39	129965	103.9821 ng/ml
Diphenhydramine	5.297	315668	27291.71	31.0	3251.69	213039	98.1251 ng/ml
Doxylamine	4.558	958436	26897.67	95.4	62397.40	417870	98.1656 ng/ml
EDDP	5.268	236593	44019.10	42.7	6824.86	135125	96.2867 ng/ml
Fentanyl	5.083	6771	154.61	76.7	18213.13	40253	9.7947 ng/ml
Fluoxetine	5.719	84568	3190.97	8.0	117.93	33455	102.2748 ng/ml
Hydrocodone	3.051	176004	400.21	38.5	166.60	113629	100.4788 ng/ml
Hydromorphone	1.641	173105	∞	73.3	∞	64958	100.9281 ng/ml
Ketamine	4.051	550883	47741.84	37.2	1977.51	247489	100.5426 ng/ml
Lamotrigine	4.299	56150	1095.61	83.0	5603.27	247489	106.5963 ng/ml
Lorazepam	5.752	9219	149.63	50.0	36.79	8370	91.1186 ng/ml
Meprobamate	4.919	59587	6933.18	26.1	608.99	30948	99.2801 ng/ml
Methadone	5.658	133783	3015.06	58.6	3681.34	67358	97.3812 ng/ml
Methamphetamine	3.240	249032	4788.63	41.8	821.57	122487	98.0222 ng/ml
Metoprolol	4.331	114467	16922.44	93.7	∞	613244	91.3789 ng/ml
Mirtazapine	4.620	284728	10935.60	52.1	10571.03	235546	41.9321 ng/ml
Mitragynine	5.218	22354	74154.22	33.4	∞	67358	93.3730 ng/ml
Morphine	1.273	40173	16450.70	20.5	1032.33	5146	106.5150 ng/ml
Norbuprenorphine	5.001	107	191.62	93.7	421.79	618	8.4138 ng/ml
Nordiazepam	5.905	50453	1594.00	58.2	899.07	16367	99.9776 ng/ml
Norfentanyl	4.093	75391	34818.37	35.0	1195.97	347308	9.5691 ng/ml
Norhydrocodone	3.092	9210	227.20	23.4	105.64	33986	90.6448 ng/ml
Noroxycodone	2.935	115780	∞	47.9	∞	35506	100.2062 ng/ml
O-desmethyl-tramadol	3.388	1612926	63431.56	6.7	5661.54	881400	100.0723 ng/ml
Oxazepam	5.755	11466	48.59	63.0	53.59	7643	95.8448 ng/ml
Oxycodone	2.860	331461	1121.41	31.1	268.87	156320	104.5562 ng/ml
Oxymorphone	1.430	100423	285.25	45.3	1085.69	38576	98.9375 ng/ml
Phentermine	3.790	119824	2215.09	2.6	52.86	143218	101.8648 ng/ml
Promethazine	5.545	133322	1642.88	31.3	395.72	61412	99.6639 ng/ml
Quetiapine	5.534	234467	18017.36	55.4	∞	29624	107.2164 ng/ml
Sertraline	5.788	34786	952.74	88.9	2056.26	14814	102.2060 ng/ml
Temazepam	5.822	145348	∞	30.9	186.35	78328	100.6582 ng/ml
Tramadol	4.251	1188321	1490.47	3.4	708.31	613244	103.3063 ng/ml
Trazodone	5.089	166104	28525.08	75.8	274658.91	71868	95.5601 ng/ml
Venlafaxine	5.052	621187	34315.43	34.4	1717.48	336411	98.7130 ng/ml
Zolpidem	4.862	1210921	60092.29	33.0	25874.63	572391	100.7761 ng/ml

did not evaluate §

AM #28 Multi-Drug Quant. Results



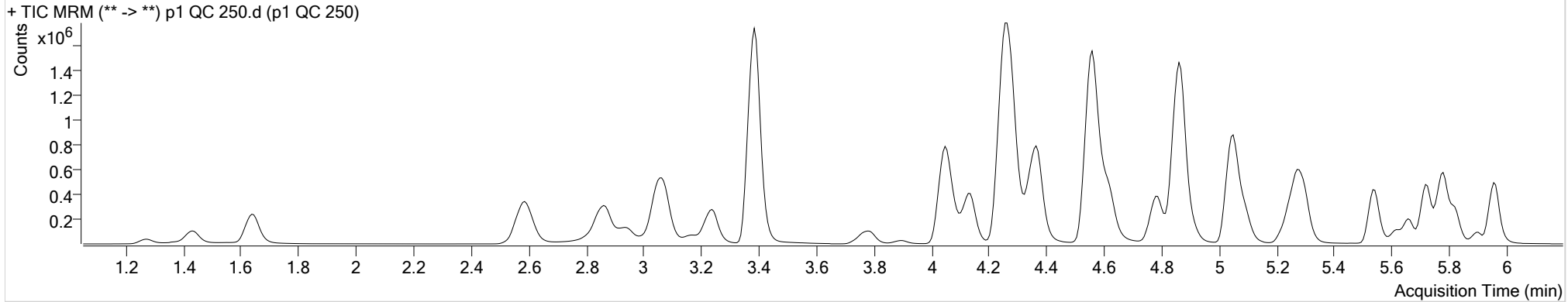
Batch results
Calibration Last Update

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8/28/2019 8:00:35 AM

Instrument Falco
Type QC
Acq. Method MDQ P1 Combined 082219.m
Sample Position P2-F11
Injection Volume 1
Acq. Date-Time 8/27/2019 4:23:48 PM
Sample Info.

Data File p1 QC 250.d
Sample p1 QC 250
Operator
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.162	31819	876.68	73.7	1747.17	29268	25.0596 ng/ml
7-aminoclonazepam	4.269	288915	∞	80.4	259.16	54914	244.5488 ng/ml
a-hydroxyalprazolam	5.697	27877	425.59	74.7	656.80	7471	248.7036 ng/ml
alpha-PVP	4.369	1344012	58096.98	49.8	33514.06	245283	244.6745 ng/ml
Alprazolam	5.781	639225	∞	107.7	6602.24	80555	255.3619 ng/ml
Amphetamine	3.074	948454	4845.97	52.8	11739.28	48746	255.3267 ng/ml
Benzoylcegonine	3.899	42757	716.97	8.0	236.19	8098	258.1538 ng/ml
Buprenorphine	5.730	3650	298.73	17.7	1076.81	6105	24.7847 ng/ml
Bupropion	4.790	733074	49907.98	59.3	10210.56	99922	251.4501 ng/ml
Carisoprodol	5.730	562114	1757430.31	58.7	1048.25	105455	258.1947 ng/ml
Citalopram	5.233	267420	1652.63	42.3	∞	50359	245.2690 ng/ml
Clonazepam	5.611	116356	4539.77	31.9	2733.29	8586	254.7562 ng/ml
Cocaine	4.275	1396808	126230.76	48.3	54396.41	470235	247.2524 ng/ml
Codeine	2.610	195229	1381.85	103.6	1106.88	34712	265.5236 ng/ml
Cyclobenzaprine	5.627	99396	430085.99	10.7	821.62	18888	247.7197 ng/ml
Dextromethorphan	5.276	125228	6530.67	82.6	118665.48	23807	246.4373 ng/ml
Dextrorphan	4.138	321181	26618.01	209.3	71197.61	165548	255.3524 ng/ml
Diazepam	5.958	622044	774.94	88.6	5842.85	120571	248.3669 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Dihydrocodeine	2.582	558551	107880.14	68.6	45960.30	134754	253.2832 ng/ml	
Diphenhydramine	5.303	630275	181666.12	31.2	1880.78	169673	246.4144 ng/ml	
Doxylamine	4.558	2667170	149215.38	97.2	112320.57	464513	246.1559 ng/ml	
EDDP	5.268	636830	42368.47	41.5	29350.50	140183	250.2432 ng/ml	
Fentanyl	5.083	10662	2405.64	76.3	∞	25560	24.2895 ng/ml	
Fluoxetine	5.719	115698	995.15	8.2	22615.84	19518	240.1842 ng/ml	
Hydrocodone	3.051	466051	413.57	39.3	∞	122617	246.9234 ng/ml	
Hydromorphone	1.641	432089	3354.89	74.6	3303.74	67371	243.4548 ng/ml	
Ketamine	4.051	1454592	69714.69	37.6	5691.20	257453	255.7957 ng/ml	
Lamotrigine	4.299	135314	34970.01	83.4	1790.55	257453	248.4351 ng/ml	
Lorazepam	5.752	24796	217.58	50.7	66.79	8586	243.0819 ng/ml	
Meprobamate	4.919	151015	1302.05	26.7	2361.44	30404	256.2682 ng/ml	
Methadone	5.658	255925	7279.64	57.0	12899.49	49366	254.5334 ng/ml	
Methamphetamine	3.240	659725	3159.83	40.3	4566.13	130224	245.8695 ng/ml	
Metoprolol	4.331	280923	398449.26	95.7	∞	634808	218.1149 ng/ml	
Mirtazapine	4.620	638241	115943.52	51.9	39417.70	245283	89.5194 ng/ml	outside curve range §
Mitragynine	5.218	39327	165648.27	36.2	1585.72	49366	225.2074 ng/ml	
Morphine	1.273	96514	18743.68	19.8	146841.87	5144	256.8387 ng/ml	
Norbuprenorphine	5.001	194	881.48	88.9	845.50	397	23.7061 ng/ml	did not evaluate §
Nordiazepam	5.905	129292	1391.20	57.3	788.97	16630	252.3804 ng/ml	
Norfentanyl	4.093	205737	2232.55	36.2	3369.70	374028	24.2621 ng/ml	
Norhydrocodone	3.092	28416	301.37	25.7	224.26	35997	260.9332 ng/ml	
Noroxycodone	2.942	290427	∞	49.3	∞	36899	242.4262 ng/ml	
O-desmethyl-tramadol	3.388	4248628	96616.54	6.6	51760.88	910081	255.6914 ng/ml	
Oxazepam	5.755	28699	194.64	72.4	654.88	7312	258.8975 ng/ml	
Oxycodone	2.860	885168	261.39	30.4	∞	168255	260.3626 ng/ml	
Oxymorphone	1.430	240875	1110.03	48.9	753.24	37552	244.3912 ng/ml	
Phentermine	3.790	289753	674.64	2.7	280.15	141672	250.0281 ng/ml	
Promethazine	5.545	205109	3409.09	31.6	1458.79	38595	244.3136 ng/ml	
Quetiapine	5.534	564240	2953.48	56.0	5464.68	28139	271.7735 ng/ml	
Sertraline	5.788	44029	449.97	90.1	2732.26	8023	239.1380 ng/ml	
Temazepam	5.822	380019	21345.17	30.6	874.10	79743	259.0903 ng/ml	
Tramadol	4.251	3134861	∞	3.5	907.11	634808	264.5712 ng/ml	
Trazodone	5.089	372978	97838.11	76.1	2523.49	61125	252.1742 ng/ml	
Venlafaxine	5.045	1666274	78622.92	34.4	∞	353234	252.5352 ng/ml	
Zolpidem	4.862	3256700	113248.54	32.2	64829.84	611194	254.1689 ng/ml	

AM #28 Multi-Drug Quant. Results



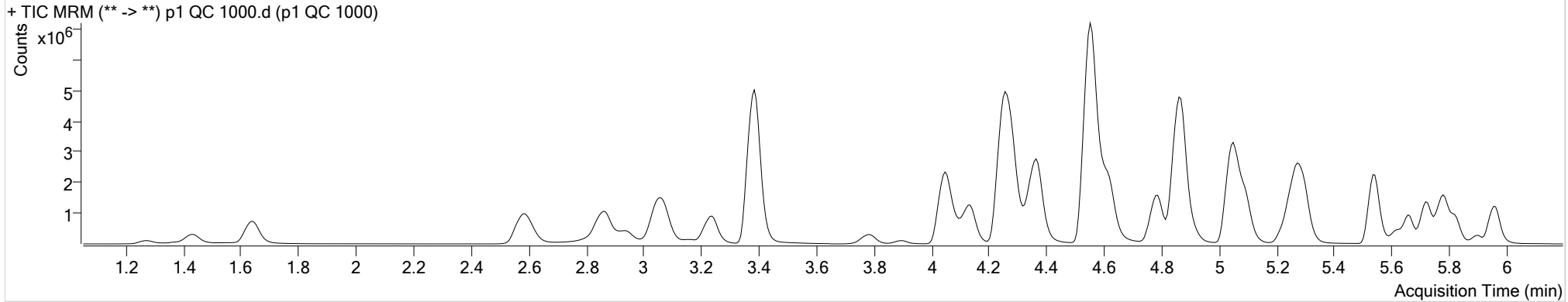
Batch results
Calibration Last Update

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8/28/2019 8:00:35 AM

Instrument Falco
Type QC
Acq. Method MDQ P1 Combined 082219.m
Sample Position P2-E11
Injection Volume 1
Acq. Date-Time 8/27/2019 4:44:42 PM
Sample Info.

Data File p1 QC 1000.d
Sample p1 QC 1000
Operator
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.156	117341	3441.48	71.6	126543.88	26159	103.2023 ng/ml
7-aminoclonazepam	4.269	644866	15912.53	77.3	30694.14	35388	849.1258 ng/ml
a-hydroxyalprazolam	5.697	102480	368.47	78.8	455.20	7217	946.8951 ng/ml
alpha-PVP	4.369	5228742	511769.72	50.8	70332.67	232792	1003.0669 ng/ml
Alprazolam	5.781	1934504	892.21	105.6	5672.14	57095	1090.3309 ng/ml
Amphetamine	3.074	2482177	39674.88	53.8	35793.45	39876	818.5320 ng/ml
Benzoylcegonine	3.892	177127	∞	7.4	350.14	8163	1077.1709 ng/ml
Buprenorphine	5.730	10783	1124.93	17.5	2078.52	5833	76.9691 ng/ml outside curve range
Bupropion	4.790	3180601	346591.63	59.7	∞	109772	993.8232 ng/ml
Carisoprodol	5.730	1712113	74065.12	57.3	9525.90	81421	1019.2186 ng/ml
Citalopram	5.233	1257554	1164.84	41.5	541968.91	59861	970.5731 ng/ml
Clonazepam	5.611	435825	638.16	32.0	∞	8119	1011.2024 ng/ml
Cocaine	4.275	4748676	186064.86	47.7	134890.49	389791	1014.1174 ng/ml
Codeine	2.610	597731	48520.67	101.2	52211.82	27212	1037.4887 ng/ml
Cyclobenzaprine	5.627	513712	1419.37	10.6	7795.74	24038	1006.1031 ng/ml
Dextromethorphan	5.276	578589	33787.25	80.7	604640.36	27581	983.5806 ng/ml
Dextrorphan	4.138	1131551	59124.67	210.4	279889.73	145761	1022.3482 ng/ml
Diazepam	5.958	1793559	99339.82	88.7	10592.97	87118	991.5718 ng/ml

AM #28 Multi-Drug Quant. Results

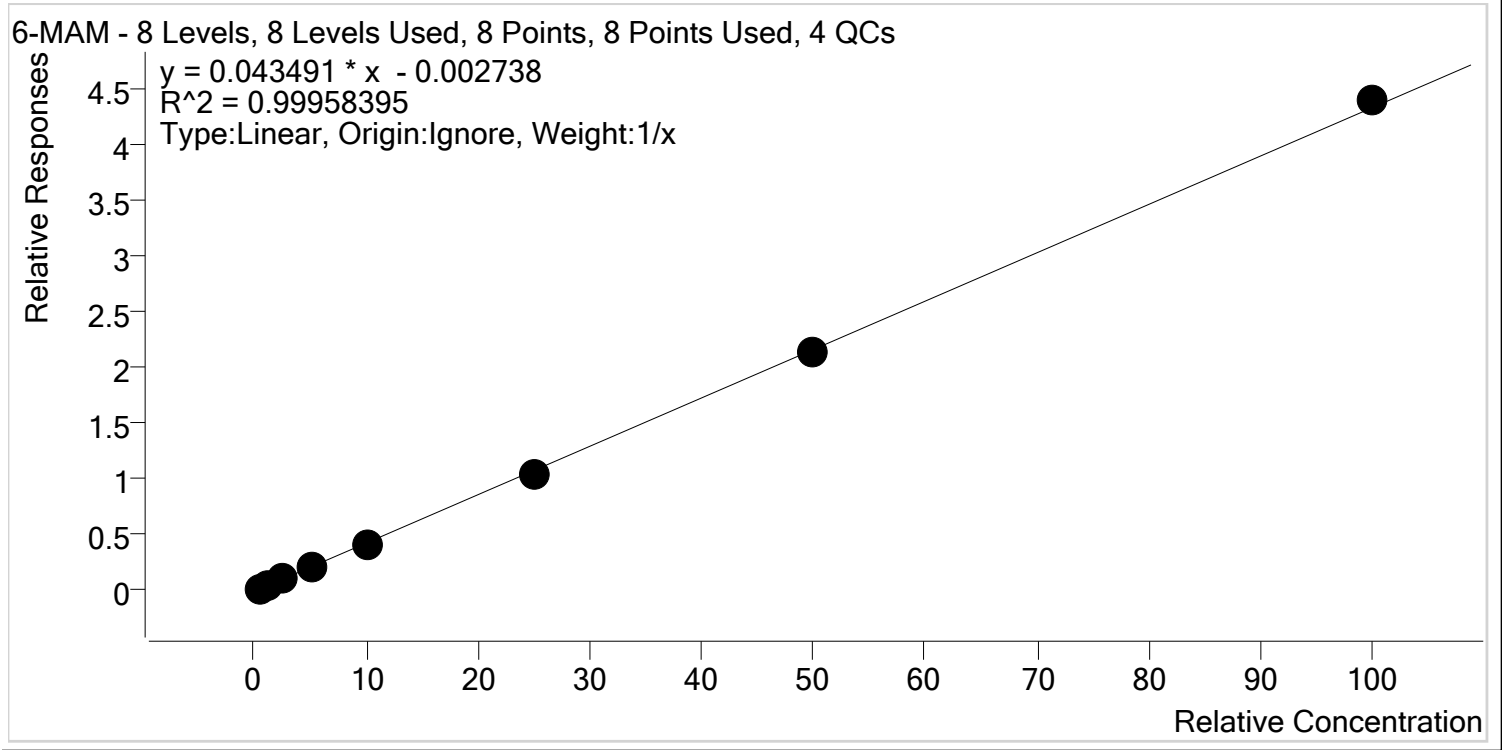


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Dihydrocodeine	2.582	1795728	101777.68	69.2	68680.87	122844	895.0712 ng/ml	
Diphenhydramine	5.303	2989941	90066.75	31.6	881.84	197522	1004.9997 ng/ml	
Doxylamine	4.551	12839434	293036.41	95.5	325812.06	539305	1021.4830 ng/ml	
EDDP	5.268	3421712	162983.26	42.4	109843.53	186305	1012.5108 ng/ml	
Fentanyl	5.083	53379	568.91	77.5	∞	28641	108.5195 ng/ml	
Fluoxetine	5.719	474029	45565.22	8.2	7568.51	19293	996.3016 ng/ml	
Hydrocodone	3.044	1713008	381.48	39.4	659.01	116080	959.4248 ng/ml	
Hydromorphone	1.641	1469638	∞	75.8	2297.99	57267	975.3031 ng/ml	
Ketamine	4.051	5162557	11235.24	37.4	3921.86	241375	969.3977 ng/ml	
Lamotrigine	4.299	351991	12375.12	85.7	12270.87	241375	691.3130 ng/ml	outside curve range Ⓢ
Lorazepam	5.752	101837	1966.64	48.8	276.86	8119	1064.2803 ng/ml	
Meprobamate	4.919	541567	63581.61	27.0	19960.03	25424	1099.3651 ng/ml	
Methadone	5.658	1310516	51543.24	59.3	16515.08	65948	976.2774 ng/ml	
Methamphetamine	3.240	2168571	24218.56	42.4	8491.09	115326	915.5416 ng/ml	
Metoprolol	4.331	861507	55235.67	96.6	∞	562745	757.1911 ng/ml	outside curve range Ⓢ
Mirtazapine	4.620	3471635	179665.98	52.0	357586.61	232792	510.0066 ng/ml	outside curve range Ⓢ
Mitragynine	5.218	197740	686.54	35.7	18135.55	65948	849.7427 ng/ml	
Morphine	1.273	294997	2605.48	20.0	16058.22	4104	985.7472 ng/ml	
Norbuprenorphine	5.001	983	90.97	92.3	∞	449	105.8799 ng/ml	did not evaluate Ⓢ
Nordiazepam	5.905	422757	1063.54	57.3	47765.14	13627	1007.5772 ng/ml	
Norfentanyl	4.093	888254	8111.15	36.0	2508.19	366143	107.0379 ng/ml	
Norhydrocodone	3.092	112210	∞	28.3 High	258.35	30136	1224.7478 ng/ml	outside curve range Ⓢ
Noroxycodone	2.935	1004713	∞	48.4	∞	32065	966.2400 ng/ml	
O-desmethyl-tramadol	3.388	14716460	538731.03	6.6	29643.97	773116	1043.3603 ng/ml	
Oxazepam	5.755	116329	1099.10	70.0	130.09	7731	1006.6710 ng/ml	
Oxycodone	2.860	3298545	∞	31.0	288.27	161234	1014.3389 ng/ml	
Oxymorphone	1.430	818836	896.02	46.6	∞	33879	922.0201 ng/ml	
Phentermine	3.790	976163	23085.85	2.7	446.40	132258	904.1218 ng/ml	
Promethazine	5.545	1040356	57110.92	31.8	1413.13	47772	1001.9027 ng/ml	
Quetiapine	5.534	3148493	445916.89	57.4	∞	41312	1033.1964 ng/ml	
Sertraline	5.788	151959	2857.57	93.0	2287.46	6738	983.4128 ng/ml	
Temazepam	5.822	1384935	8464.82	30.3	1818.84	71319	1056.9006 ng/ml	
Tramadol	4.251	10505698	362759.66	3.6	1555.82	562745	1002.5201 ng/ml	
Trazodone	5.089	2429136	874.93	76.3	577056.97	90320	1111.2314 ng/ml	
Venlafaxine	5.045	7181277	∞	34.2	58742.74	382661	1005.3597 ng/ml	
Zolpidem	4.862	12108223	165828.89	30.6	123303.19	576592	1002.3623 ng/ml	



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

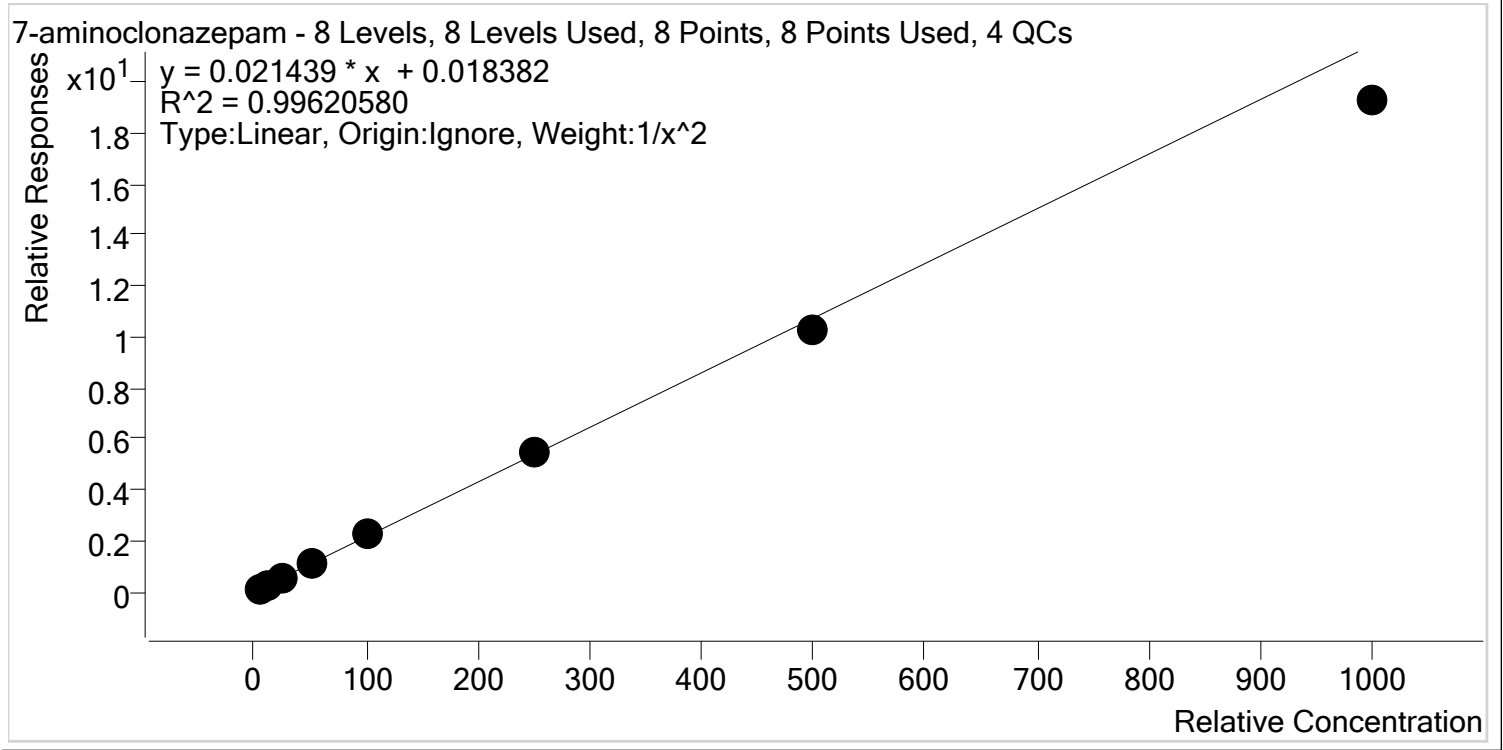


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	112.8
p1 Cal 2- 10ng	2	✓	1.0	1.0	99.6
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.2
p1 Cal 4-50ng	4	✓	5.0	4.9	98.2
p1 Cal 5-100ng	5	✓	10.0	9.6	96.0
p1 Cal 6-250ng	6	✓	25.0	24.3	97.2
p1 Cal 7-500ng	7	✓	50.0	49.8	99.6
p1 Cal 8-1000ng	8	✓	100.0	101.5	101.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

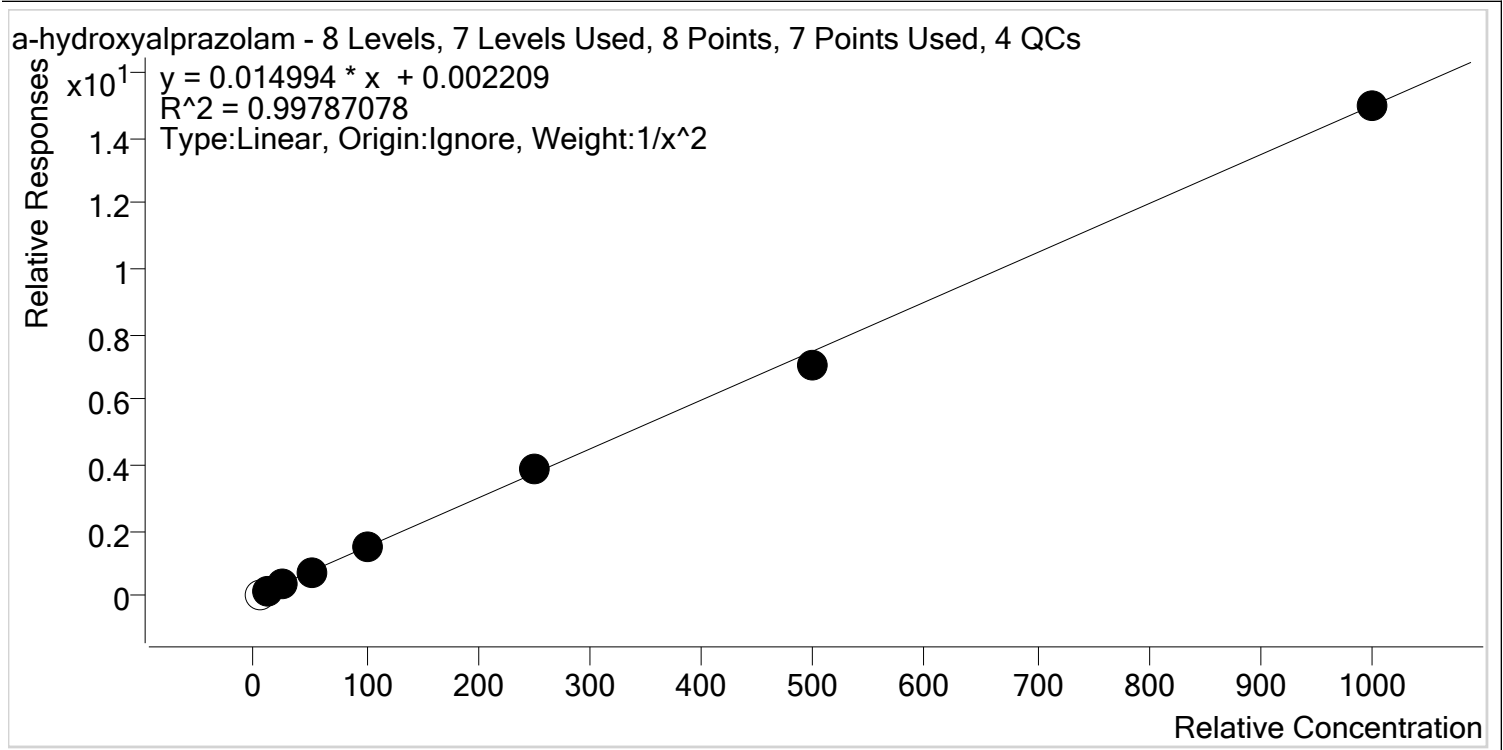


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	256.4	102.5
p1 Cal 7-500ng	7	✓	500.0	477.1	95.4
p1 Cal 8-1000ng	8	✓	1000.0	898.1	89.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5



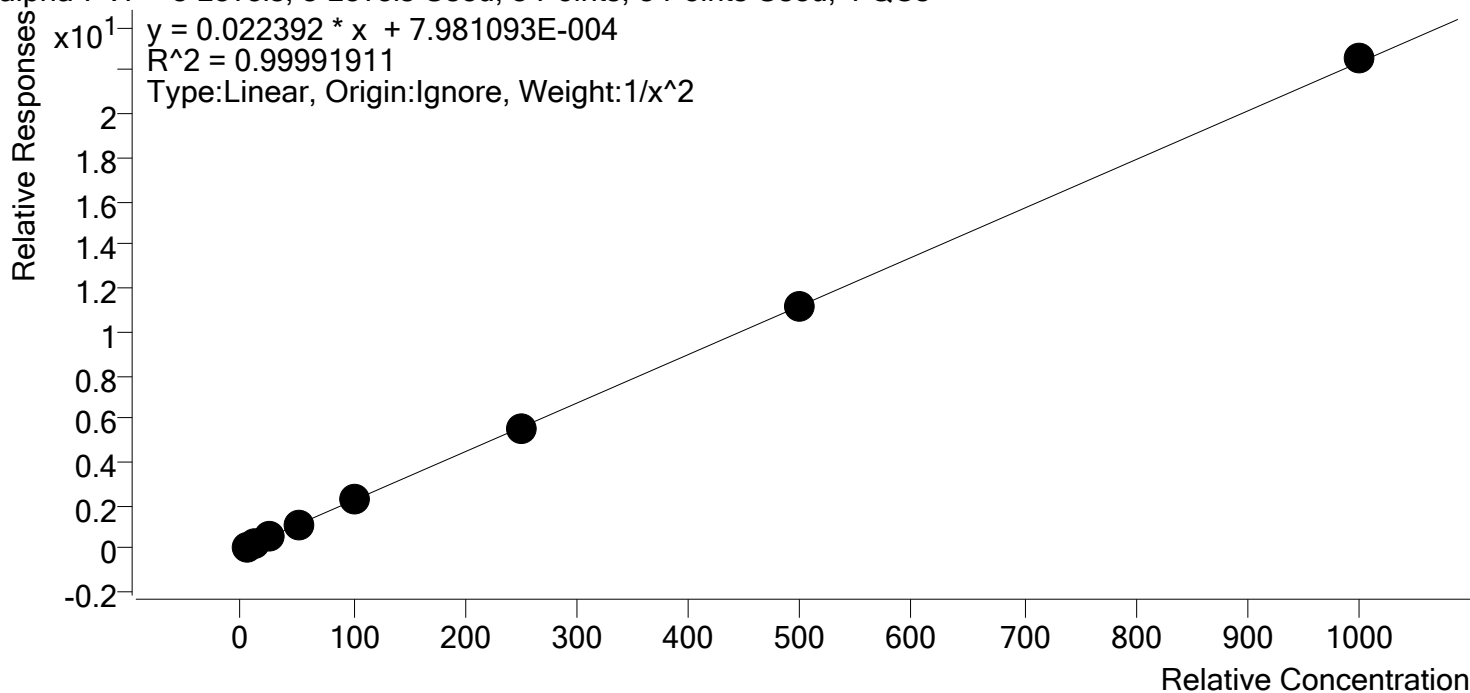
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	3.7	73.7
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	257.1	102.9
p1 Cal 7-500ng	7	✓	500.0	470.2	94.0
p1 Cal 8-1000ng	8	✓	1000.0	998.9	99.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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



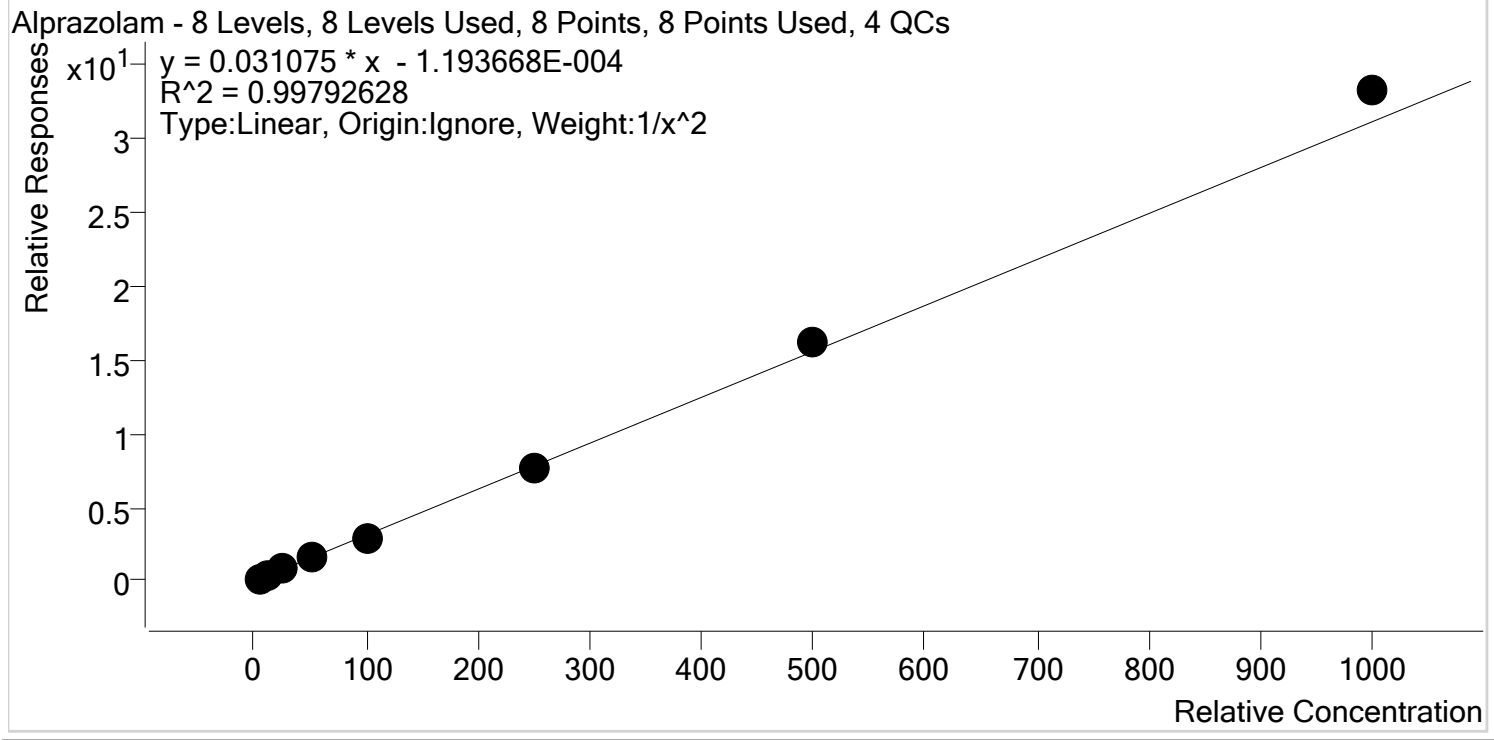
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	500.7	100.1
p1 Cal 8-1000ng	8	✓	1000.0	1007.8	100.8

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

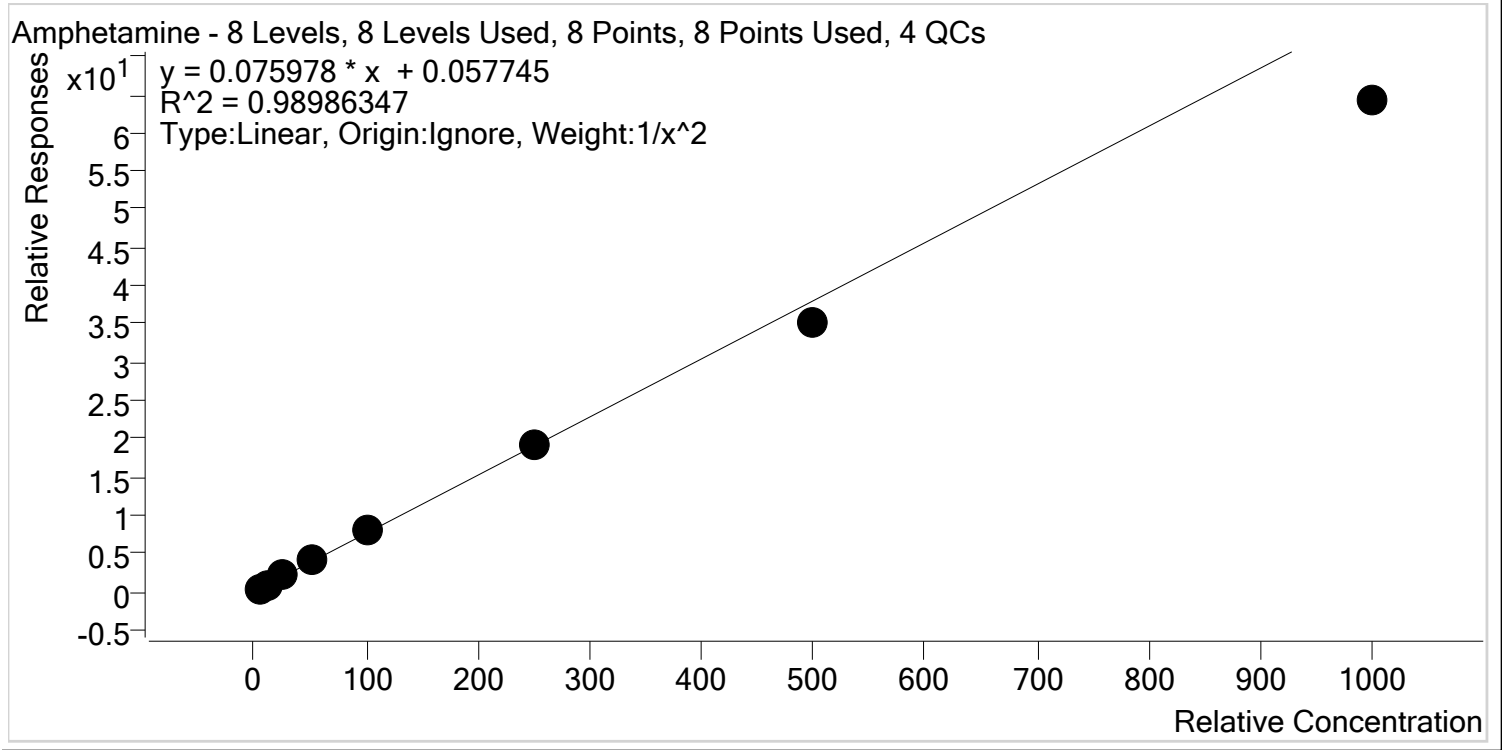


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng	7	✓	500.0	520.5	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1067.9	106.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

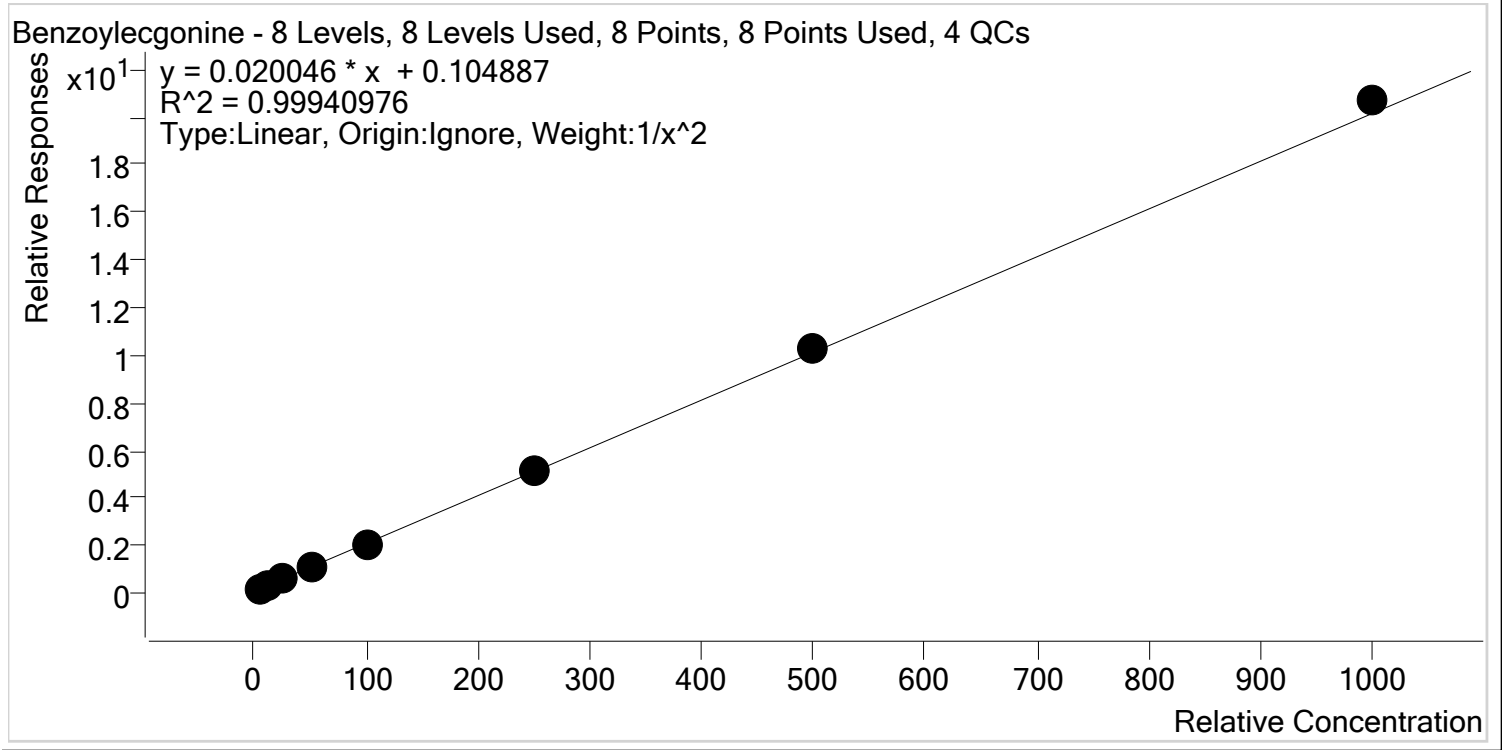


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.3
p1 Cal 2- 10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng	4	✓	50.0	54.6	109.3
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	465.0	93.0
p1 Cal 8-1000ng	8	✓	1000.0	844.2	84.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

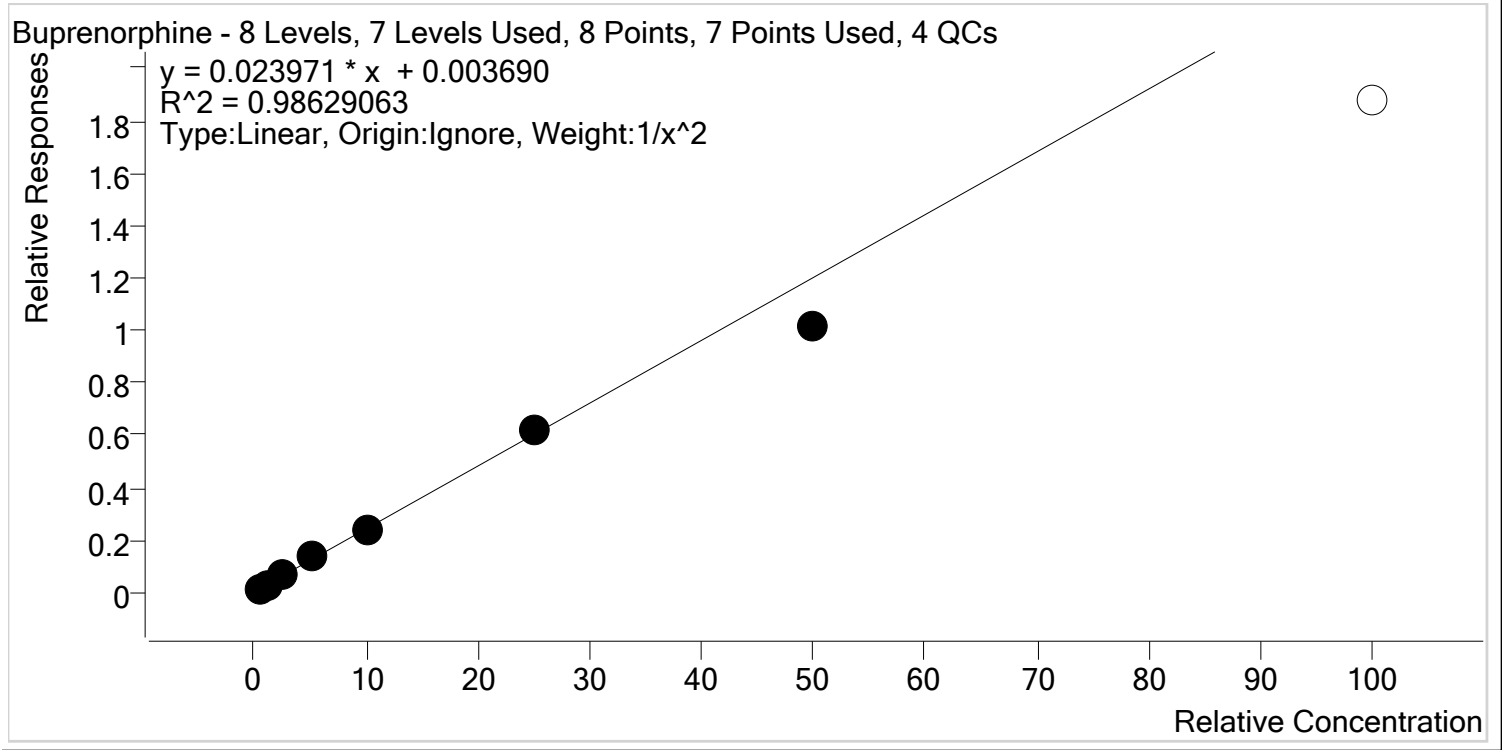


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	509.0	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1027.1	102.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



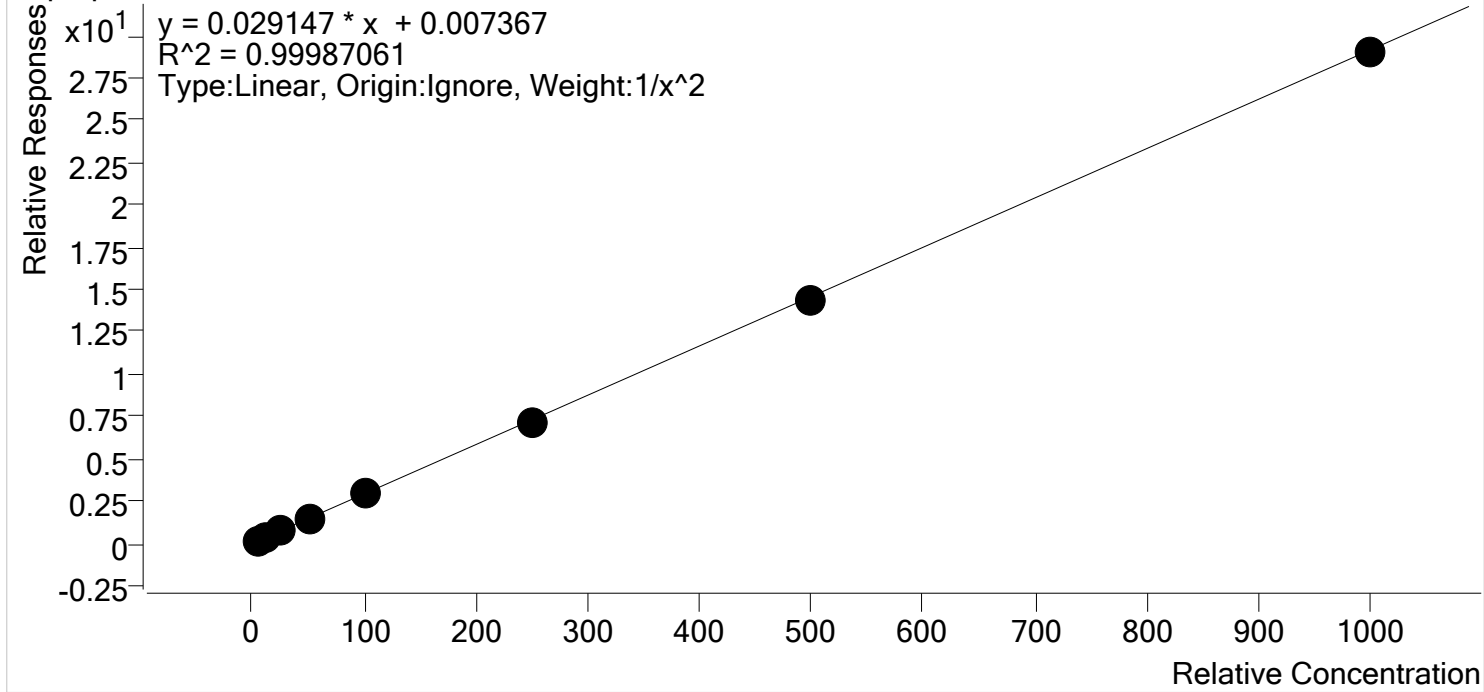
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	92.7
p1 Cal 2- 10ng	2	✓	1.0	1.1	113.2
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.3
p1 Cal 4-50ng	4	✓	5.0	5.5	111.0
p1 Cal 5-100ng	5	✓	10.0	9.7	96.8
p1 Cal 6-250ng	6	✓	25.0	25.6	102.3
p1 Cal 7-500ng	7	✓	50.0	42.4	84.8
p1 Cal 8-1000ng	8	✗	100.0	78.2	78.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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

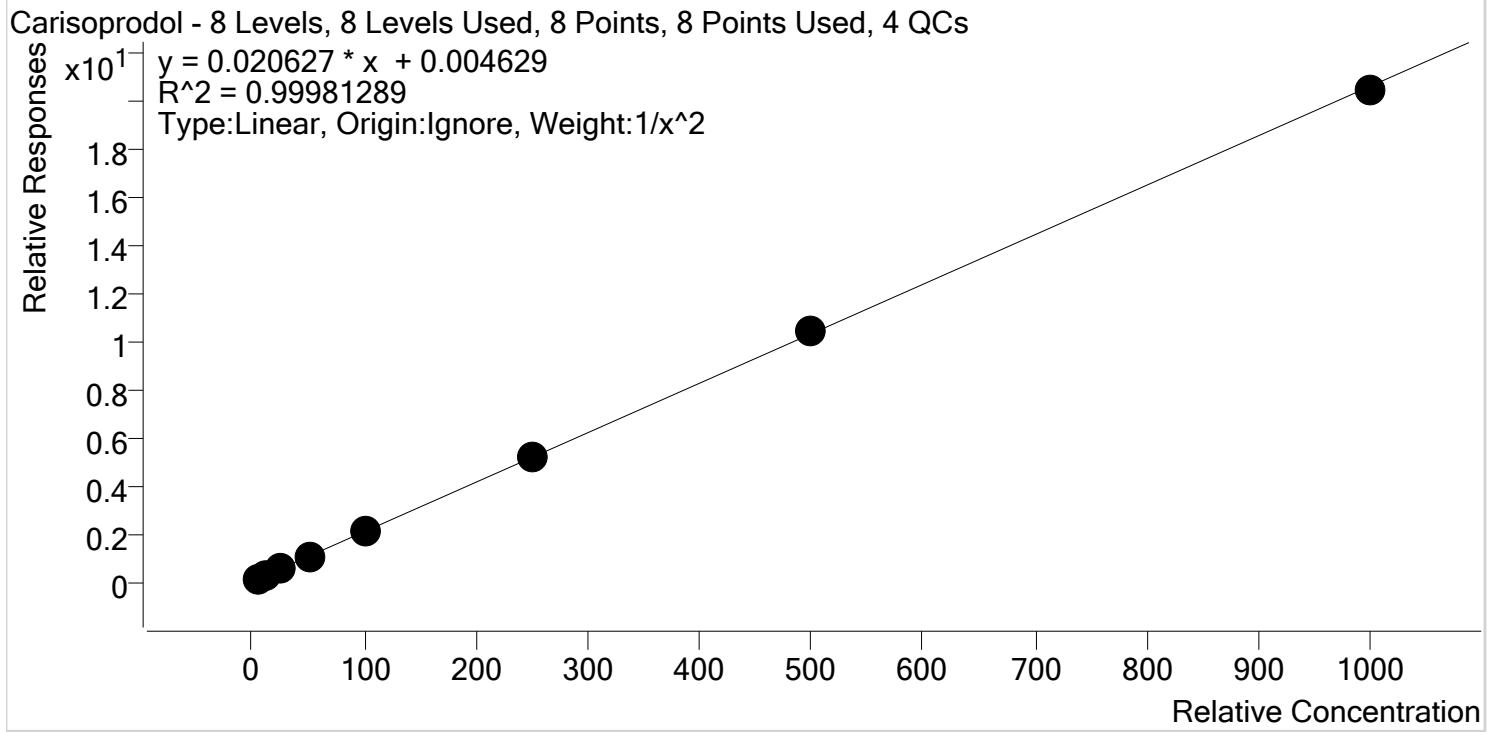


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	495.7	99.1
p1 Cal 8-1000ng	8	✓	1000.0	994.8	99.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

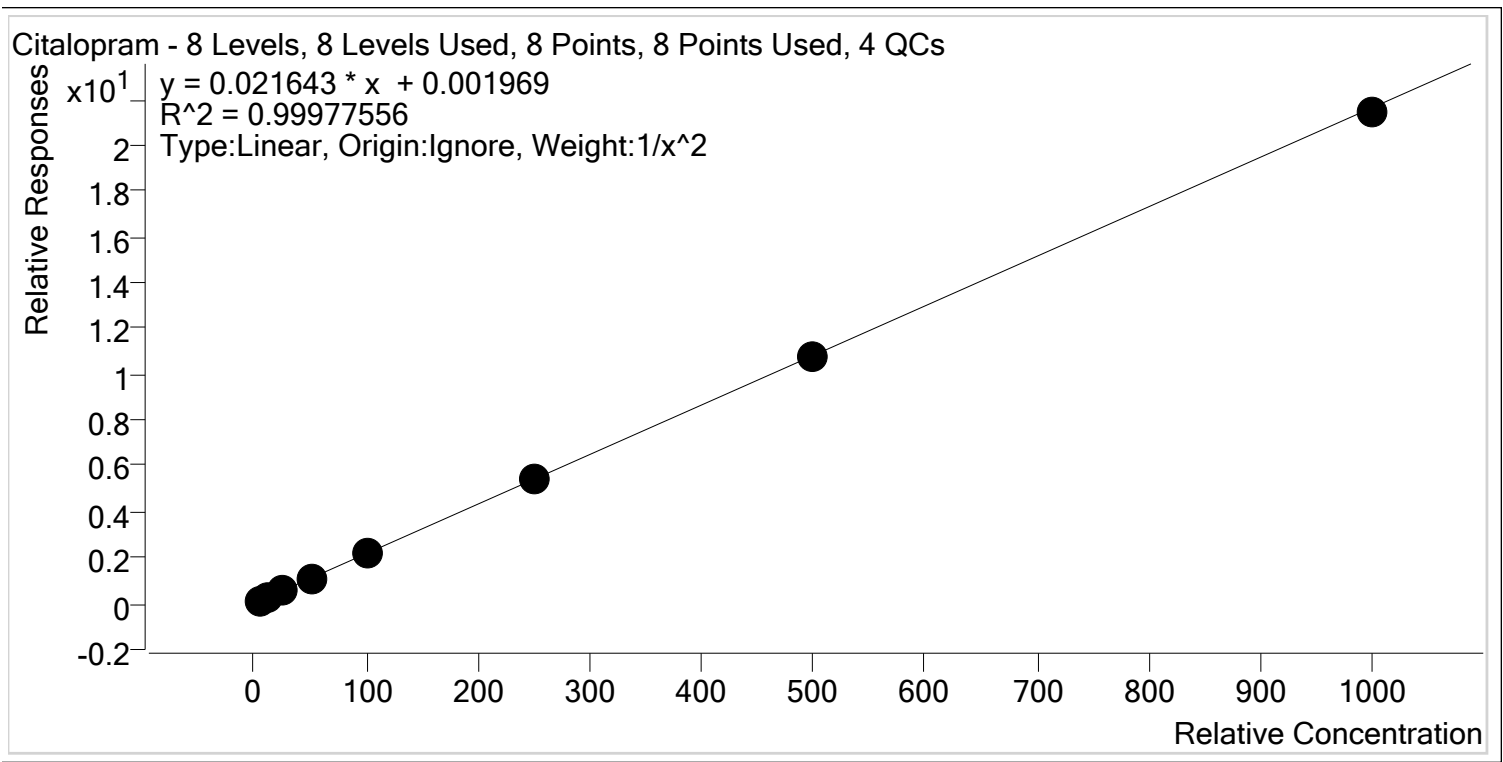


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	505.2	101.0
p1 Cal 8-1000ng	8	✓	1000.0	991.3	99.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



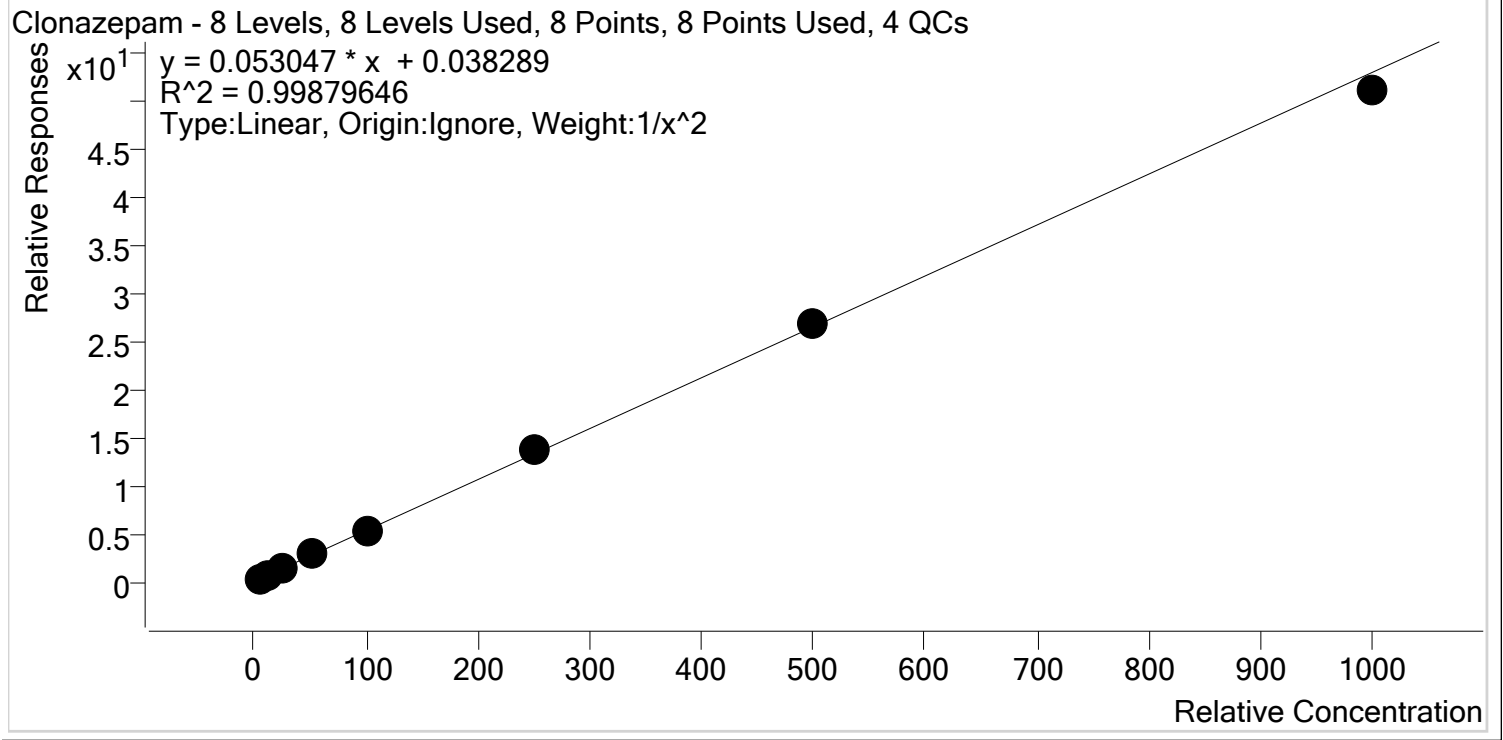
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	51.2	102.3
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✓	1000.0	990.1	99.0

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

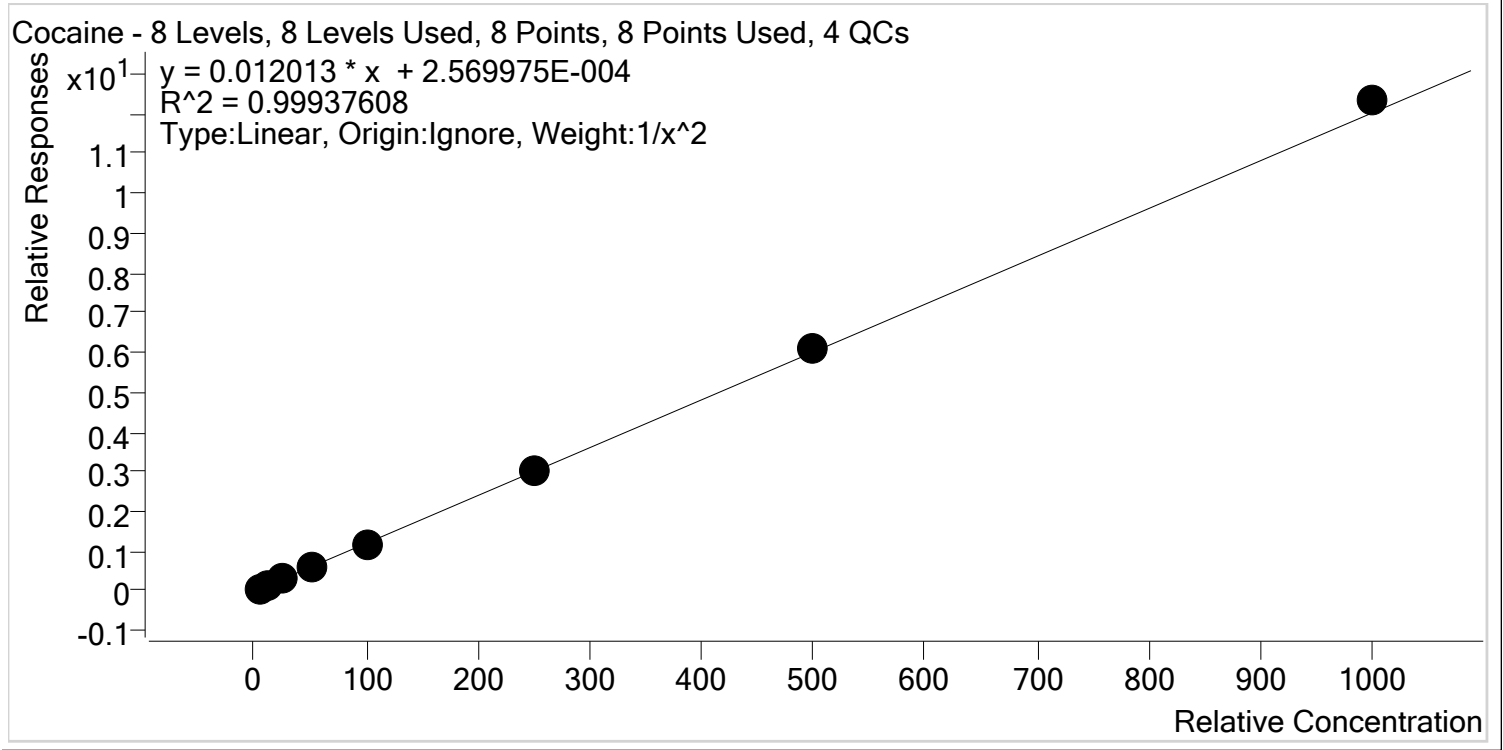


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2- 10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	505.9	101.2
p1 Cal 8-1000ng	8	✓	1000.0	964.3	96.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



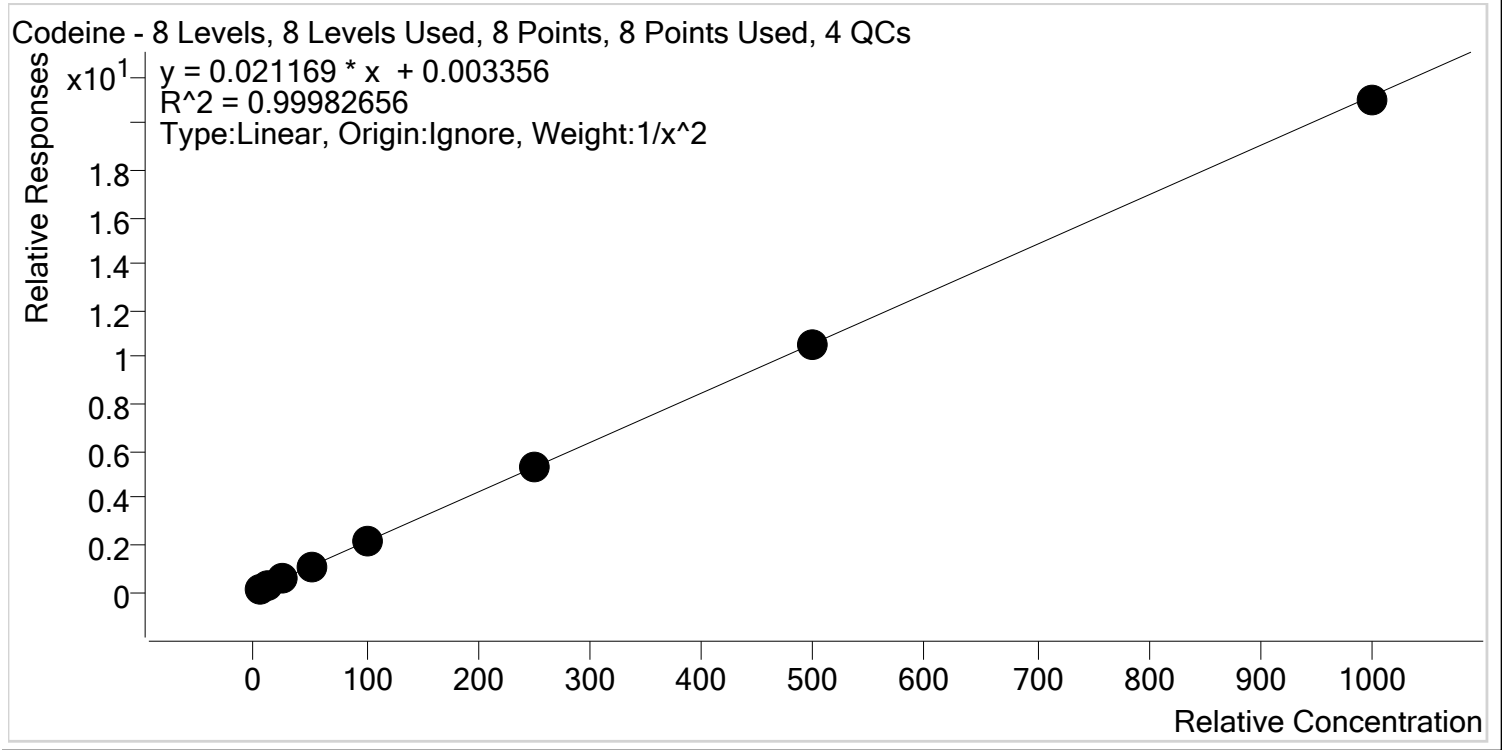
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	508.8	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1025.8	102.6

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6



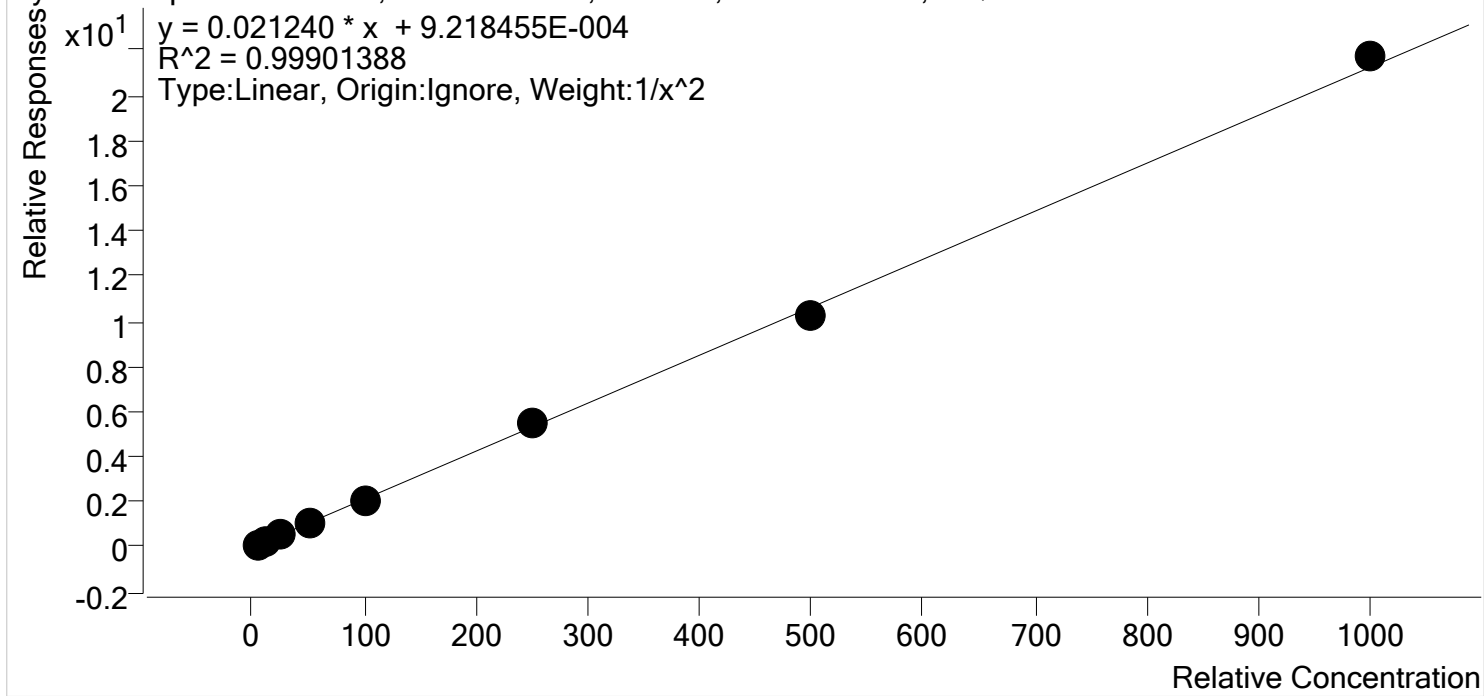
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	495.9	99.2
p1 Cal 8-1000ng	8	✓	1000.0	990.5	99.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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

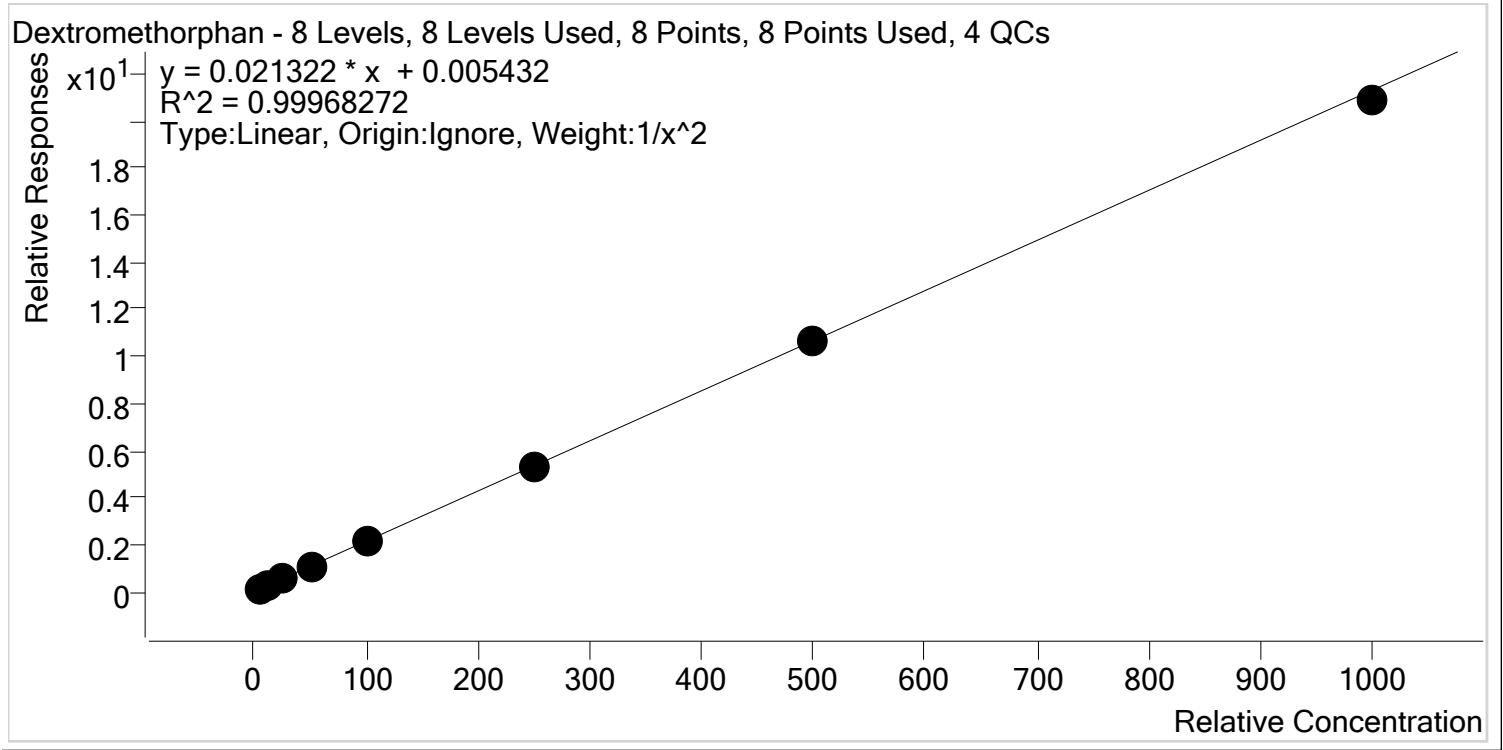


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2- 10ng	2	✓	10.0	9.5	95.4
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	481.3	96.3
p1 Cal 8-1000ng	8	✓	1000.0	1022.3	102.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

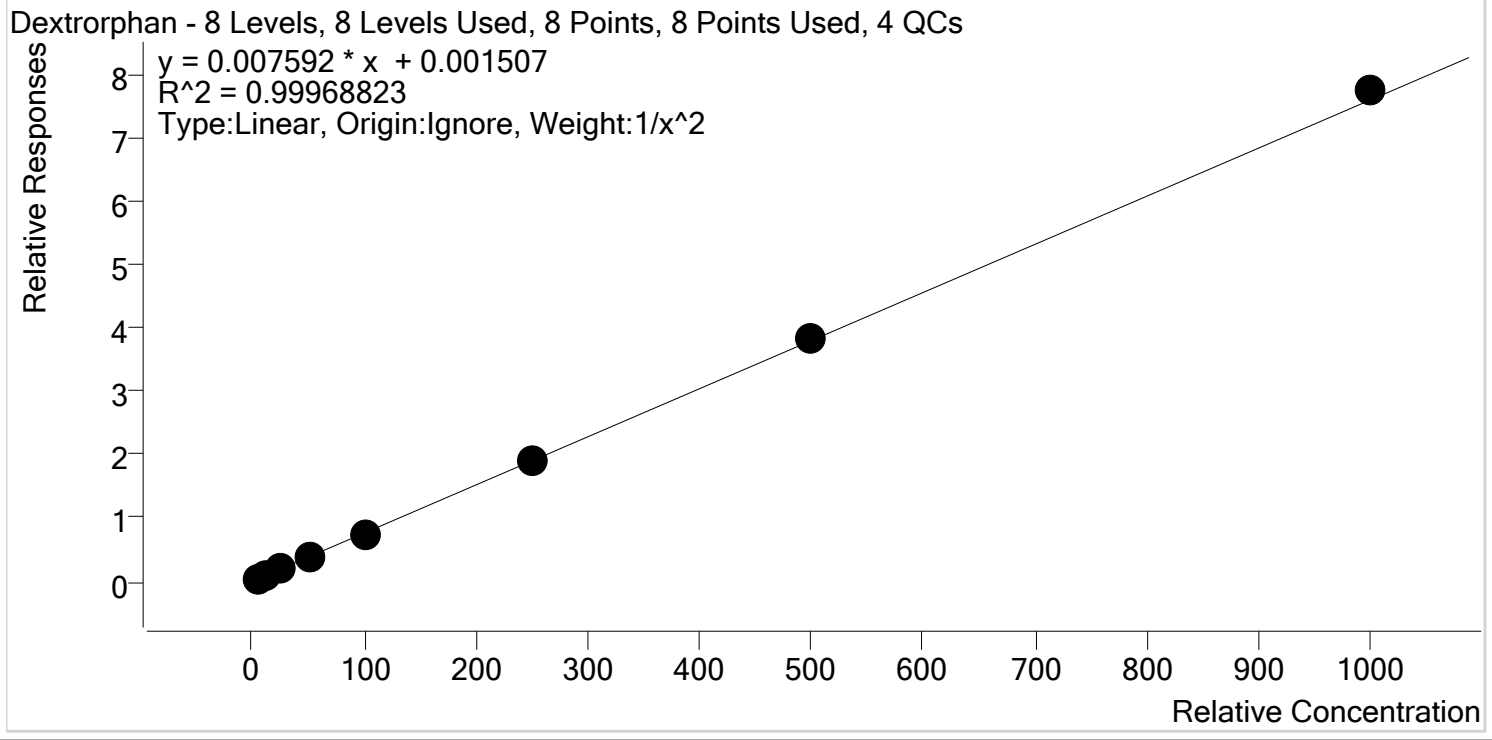


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	498.6	99.7
p1 Cal 8-1000ng	8	✓	1000.0	979.2	97.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

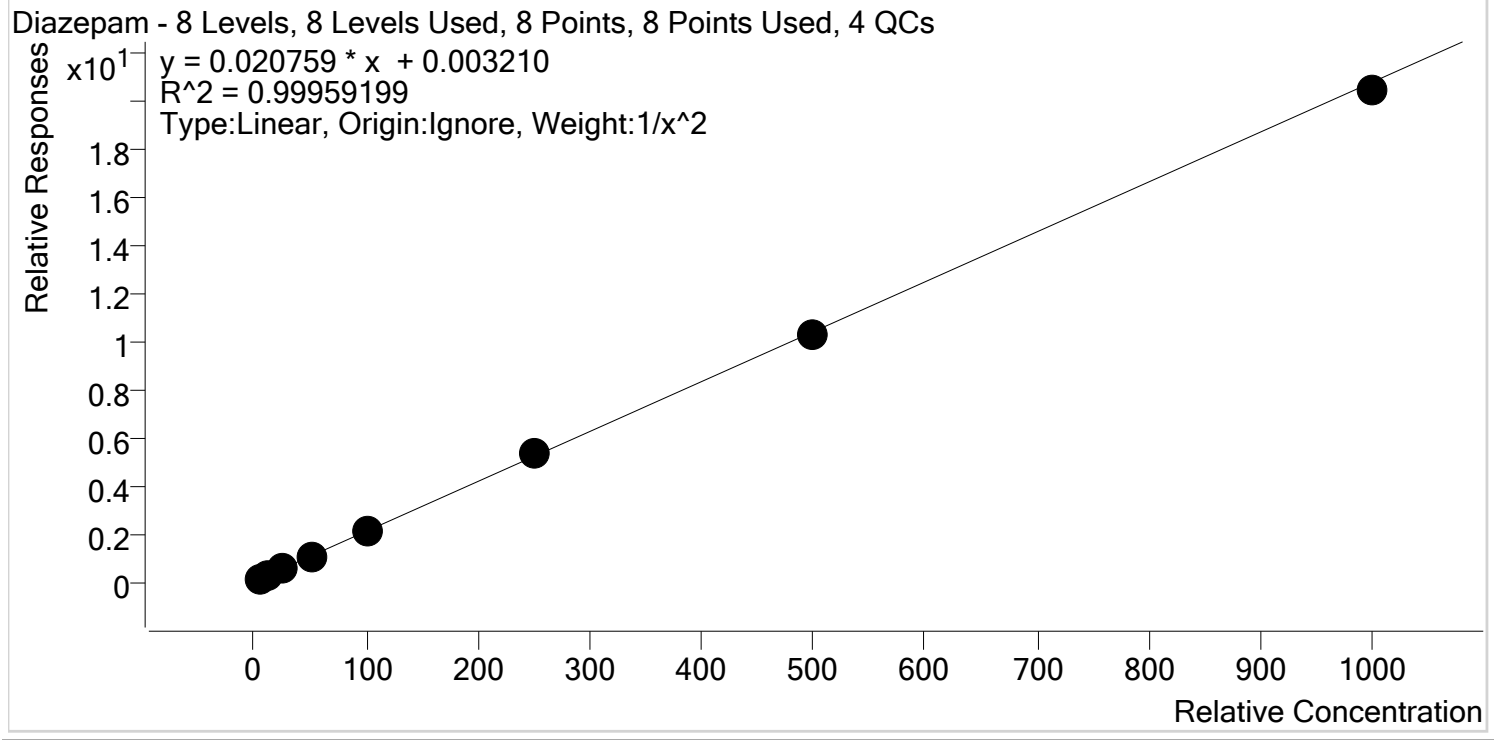


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	50.6	101.3
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	502.7	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1019.7	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

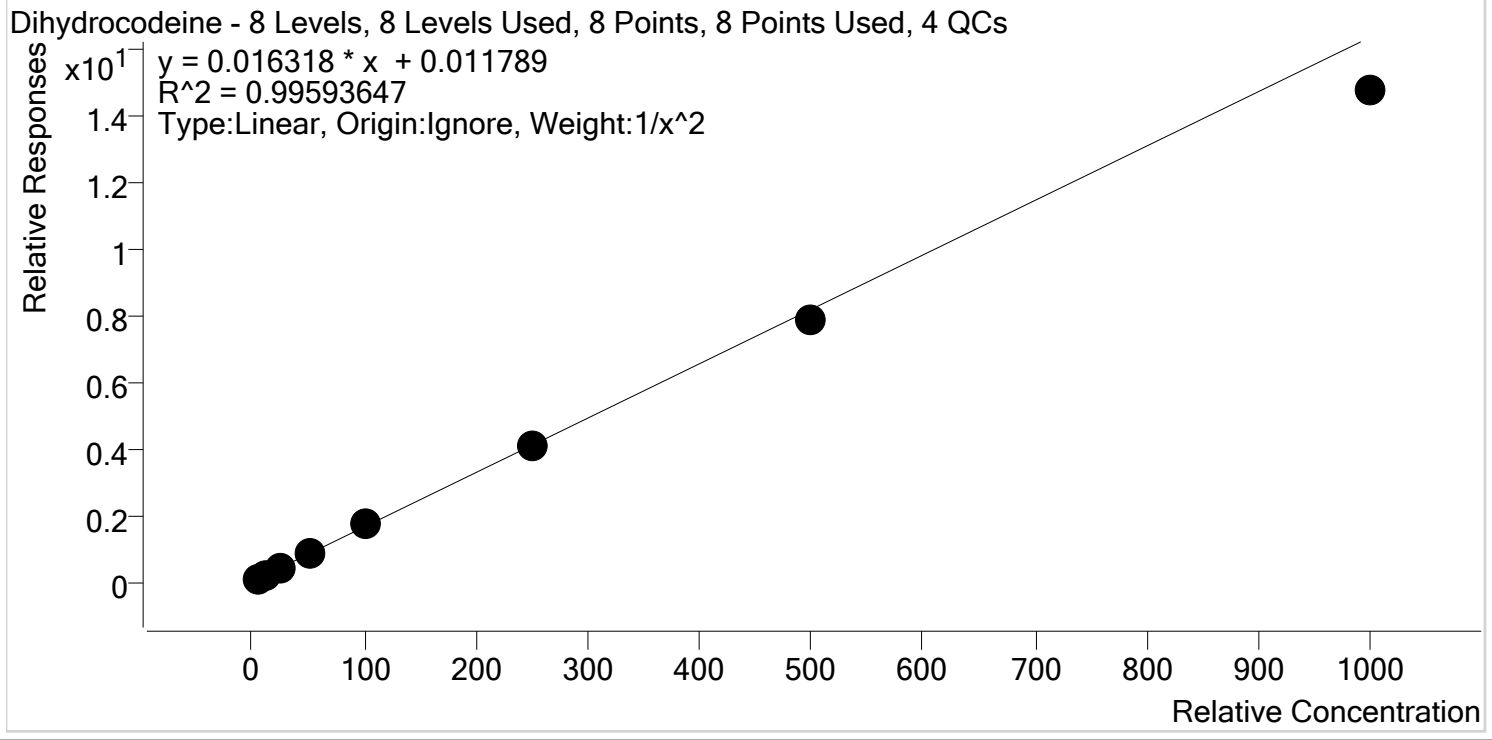


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	51.3	102.5
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	255.9	102.4
p1 Cal 7-500ng	7	✓	500.0	495.0	99.0
p1 Cal 8-1000ng	8	✓	1000.0	983.2	98.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



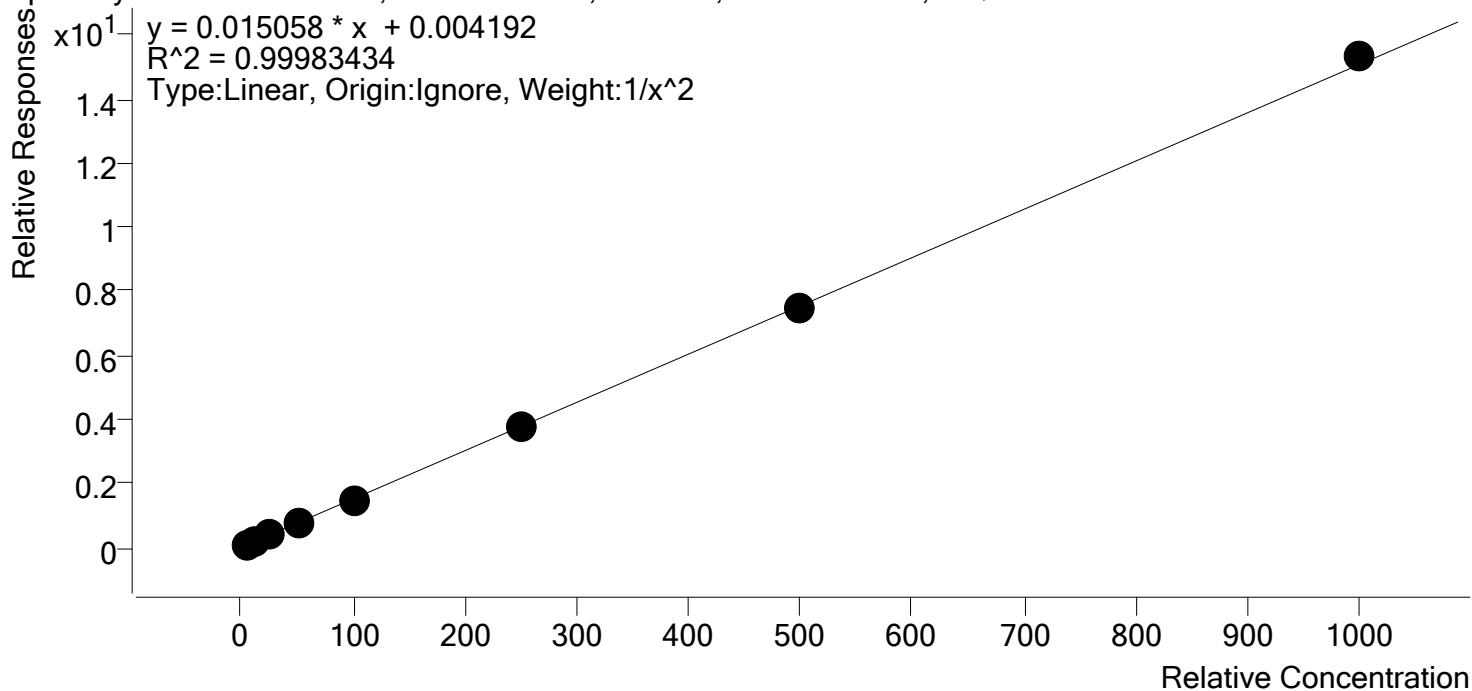
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	53.7	107.3
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	478.9	95.8
p1 Cal 8-1000ng	8	✓	1000.0	902.0	90.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



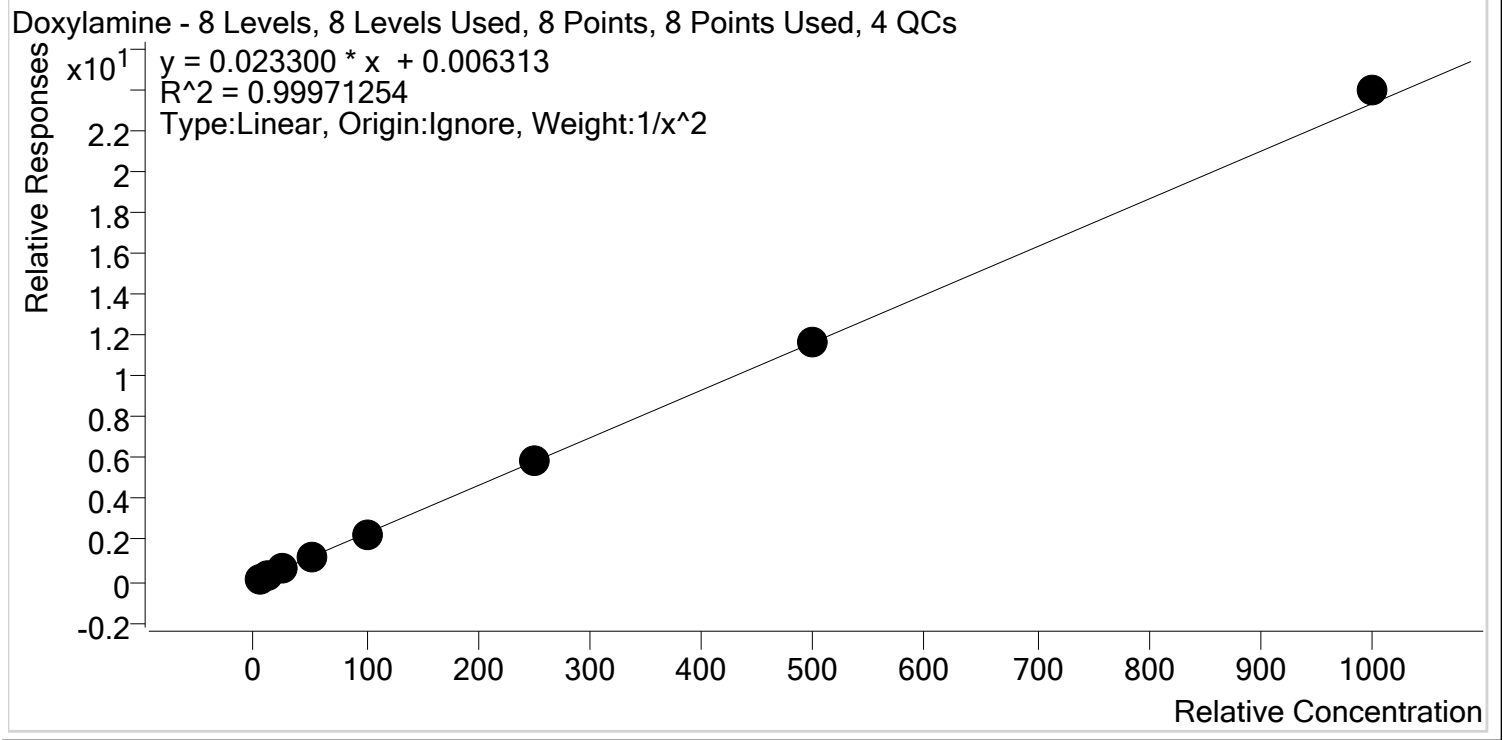
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	249.4	99.7
p1 Cal 7-500ng	7	✓	500.0	493.7	98.7
p1 Cal 8-1000ng	8	✓	1000.0	1016.6	101.7

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	50.2	100.5
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	502.4	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1027.4	102.7

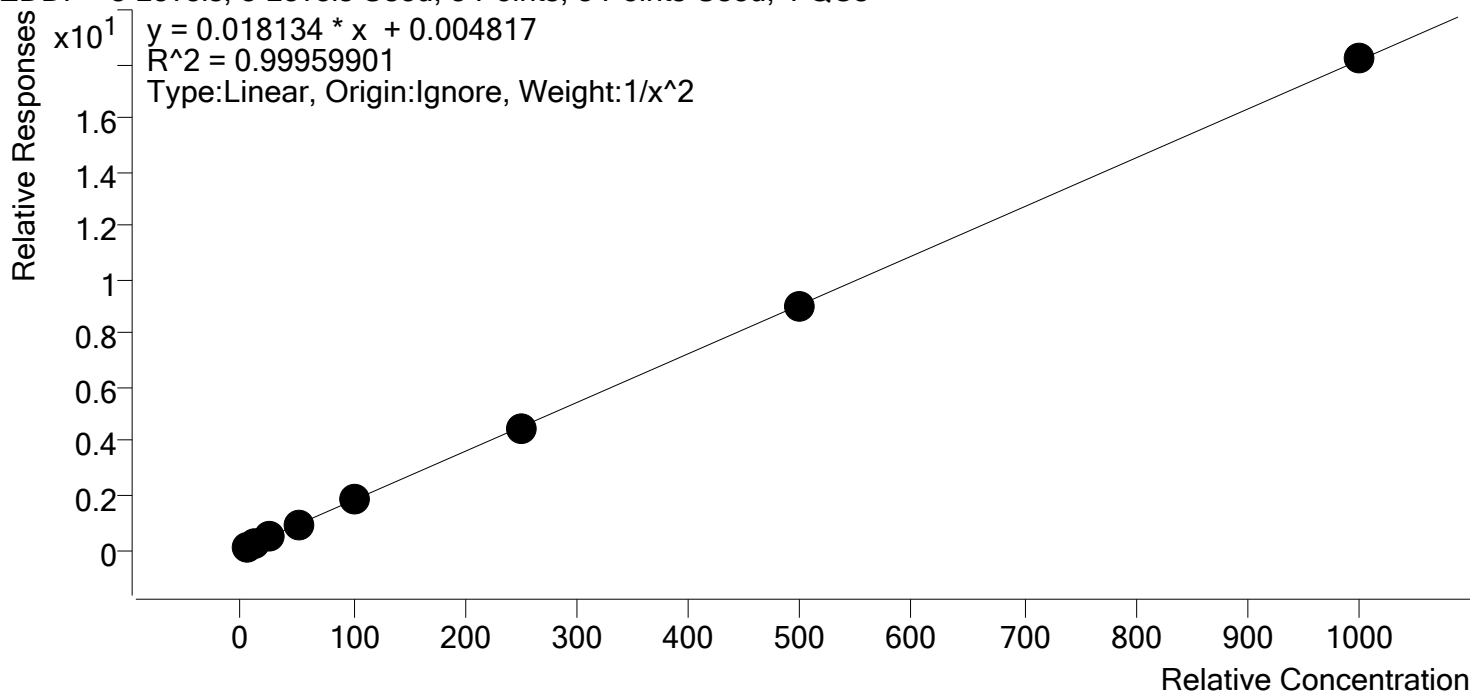
8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



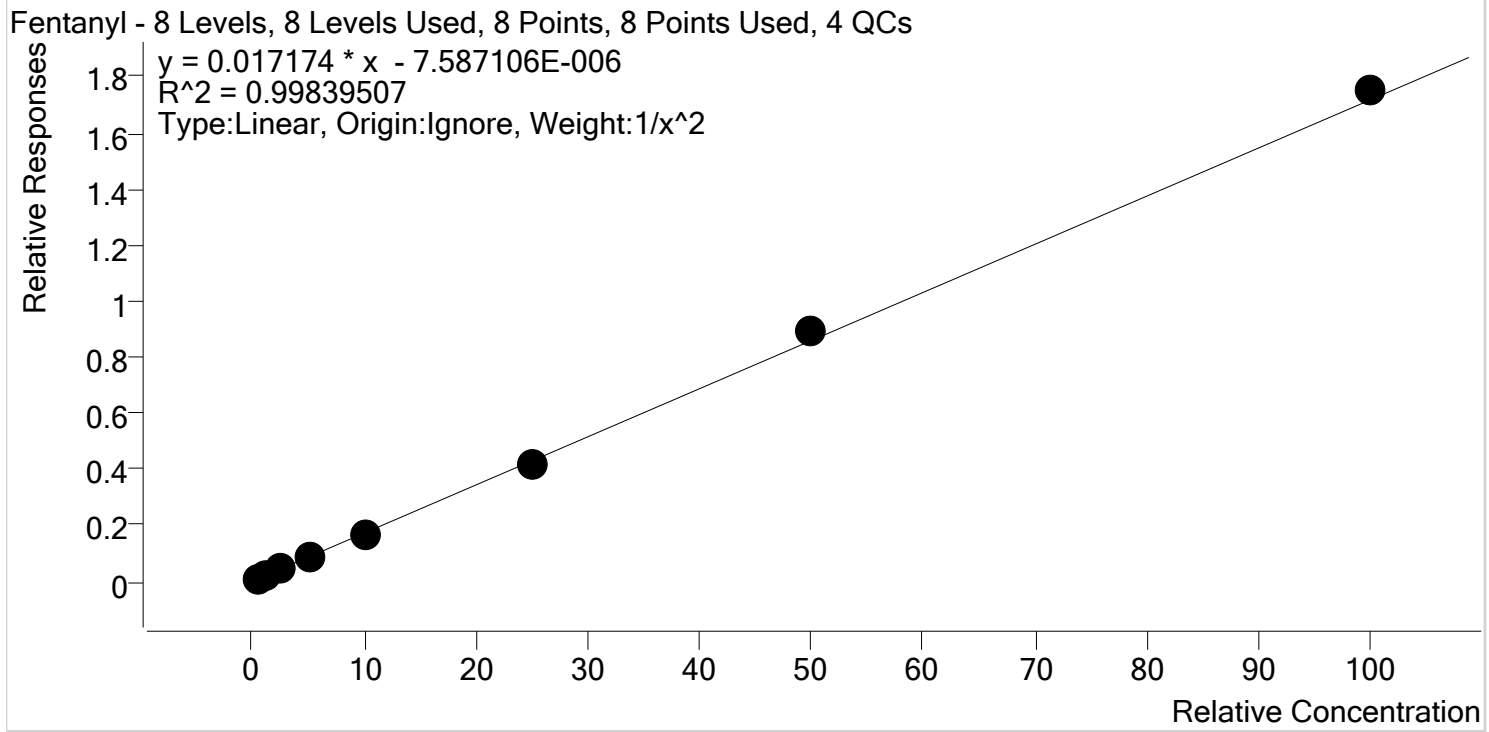
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	498.6	99.7
p1 Cal 8-1000ng	8	✓	1000.0	1003.5	100.3

8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.4
p1 Cal 2- 10ng	2	✓	1.0	0.9	93.1
p1 Cal 3 -25ng	3	✓	2.5	2.5	100.1
p1 Cal 4-50ng	4	✓	5.0	5.0	100.6
p1 Cal 5-100ng	5	✓	10.0	10.0	100.0
p1 Cal 6-250ng	6	✓	25.0	24.3	97.2
p1 Cal 7-500ng	7	✓	50.0	51.8	103.7
p1 Cal 8-1000ng	8	✓	100.0	101.9	101.9

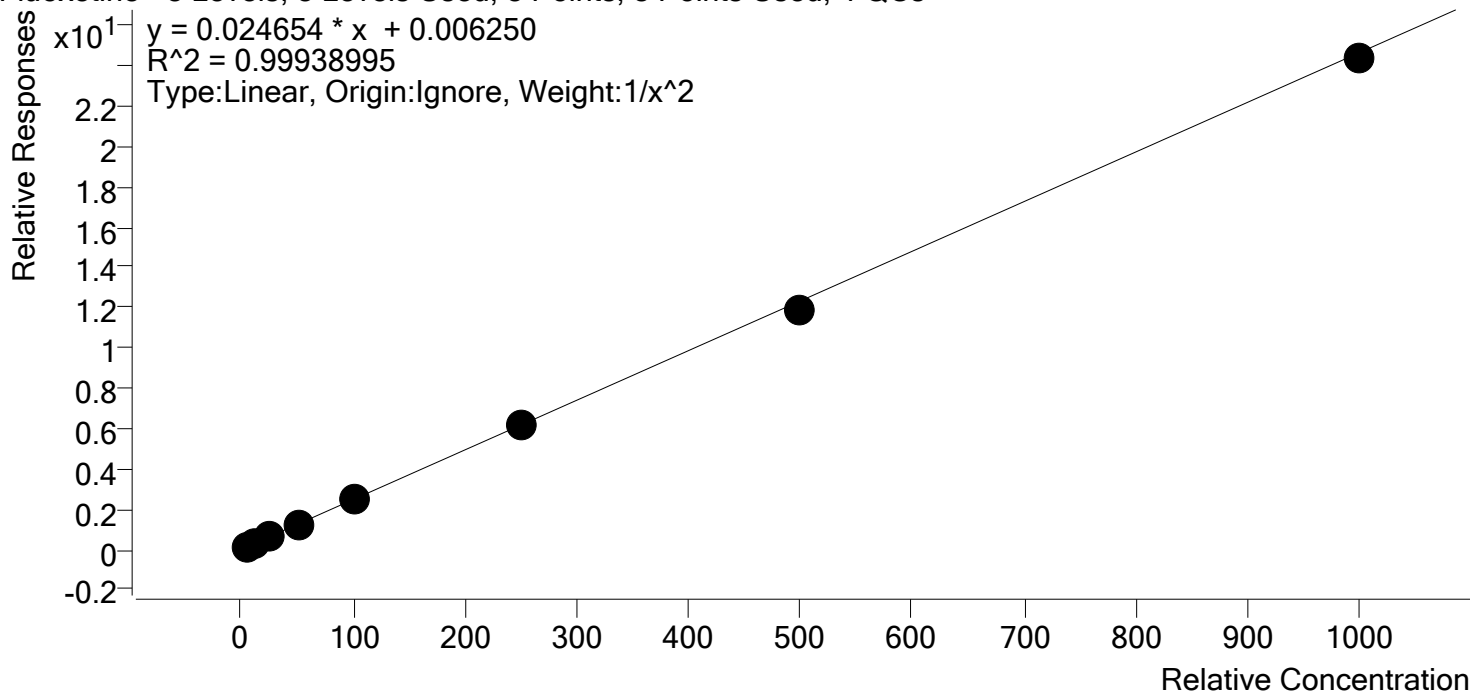
8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



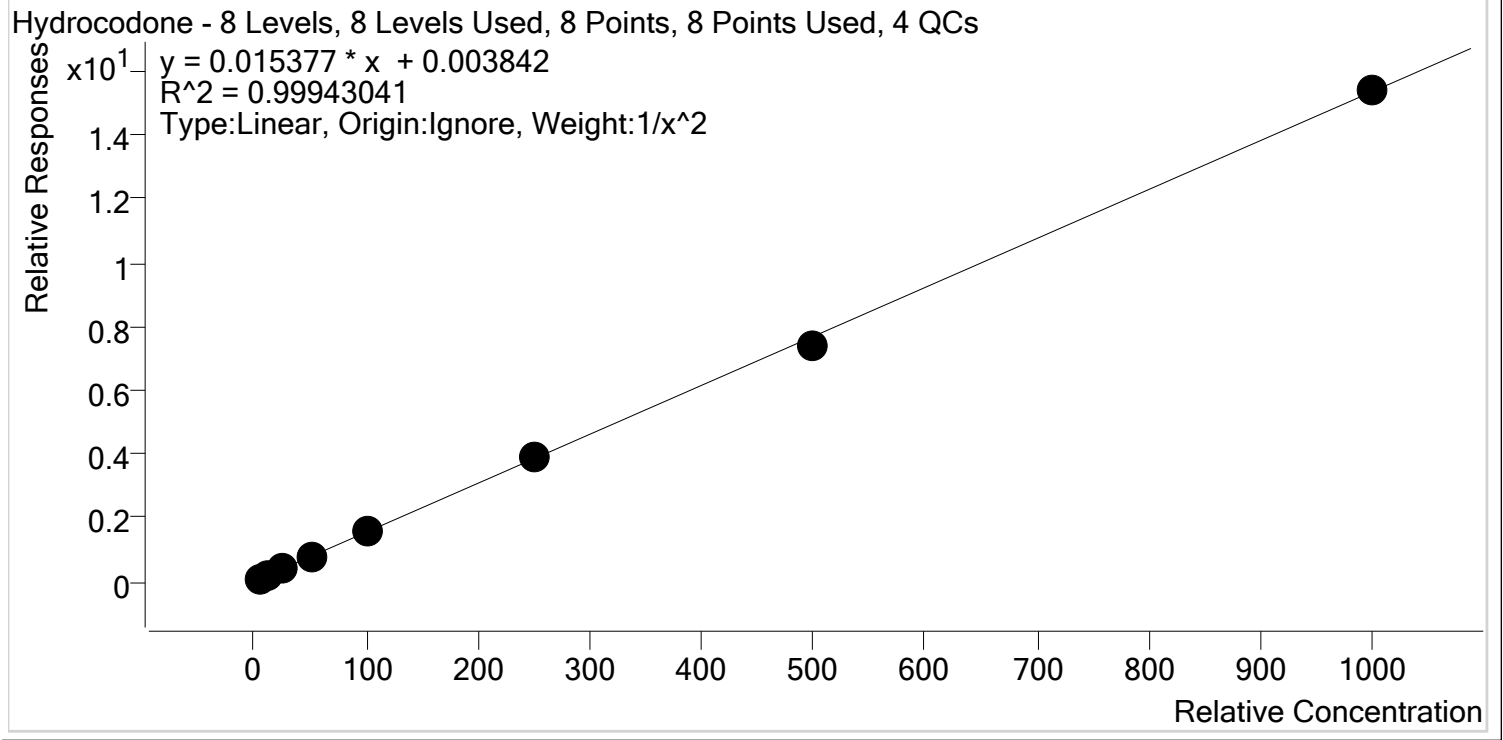
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	482.8	96.6
p1 Cal 8-1000ng	8	✓	1000.0	988.2	98.8

5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



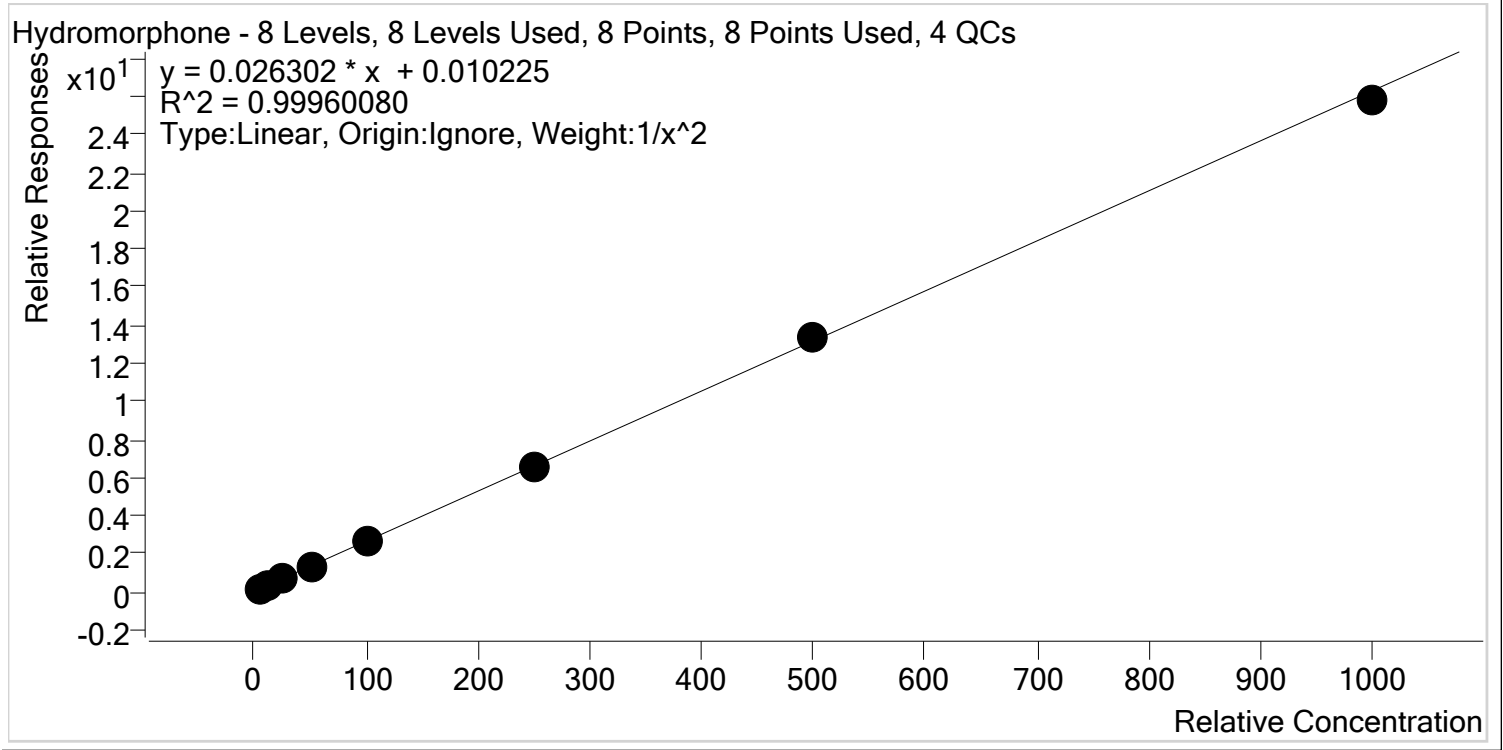
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	482.2	96.4
p1 Cal 8-1000ng	8	✓	1000.0	1002.2	100.2

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

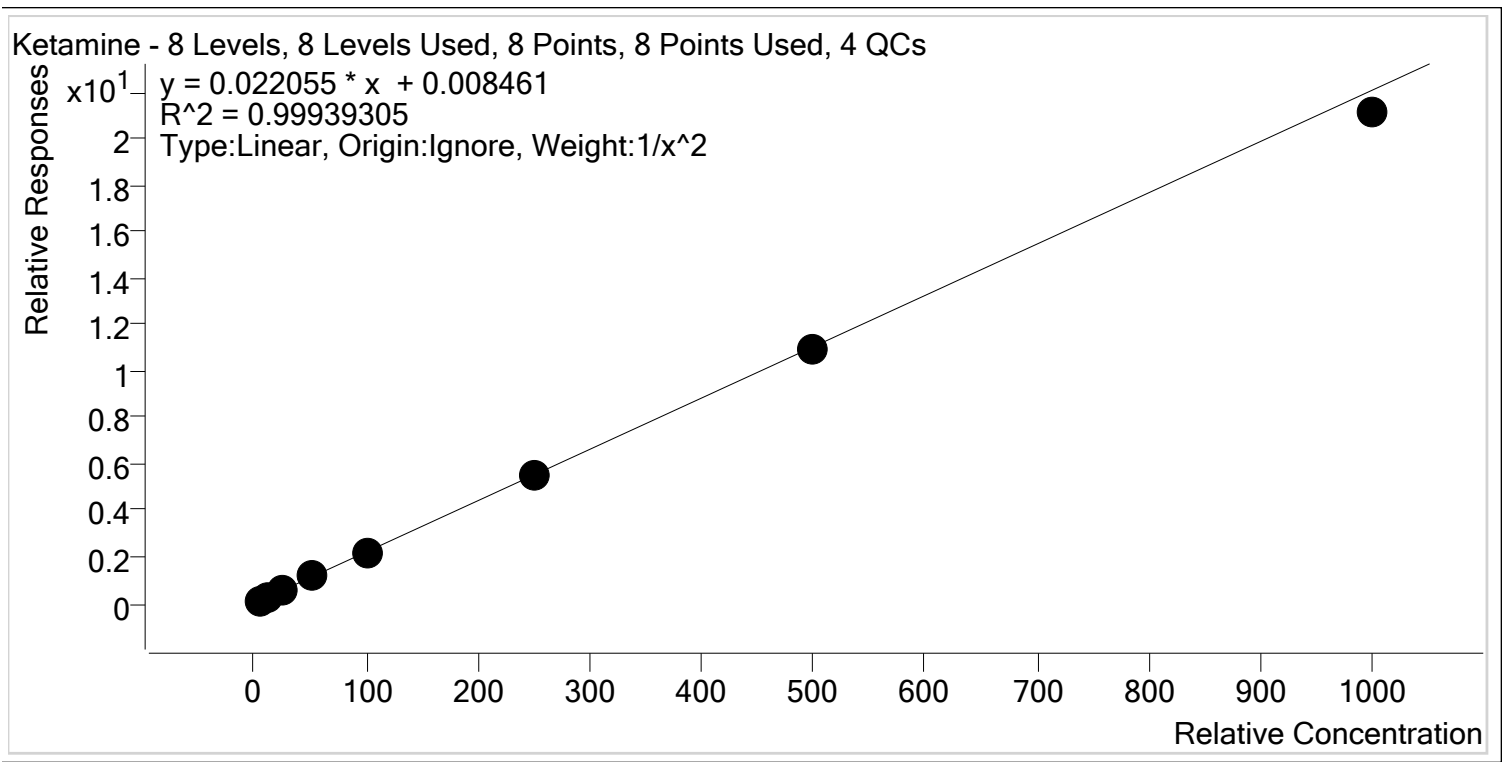


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	506.5	101.3
p1 Cal 8-1000ng	8	✓	1000.0	980.5	98.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

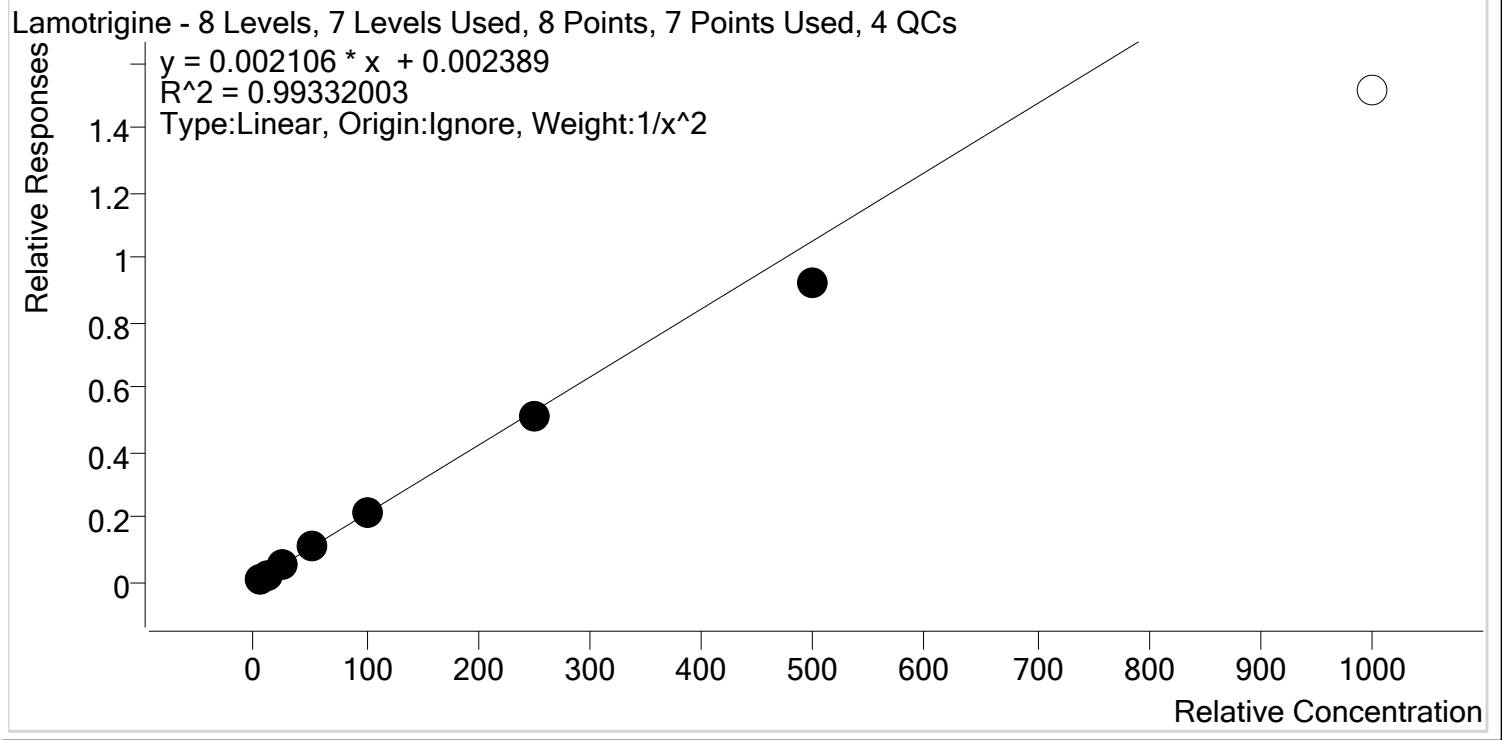


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	496.9	99.4
p1 Cal 8-1000ng	8	✓	1000.0	956.4	95.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4

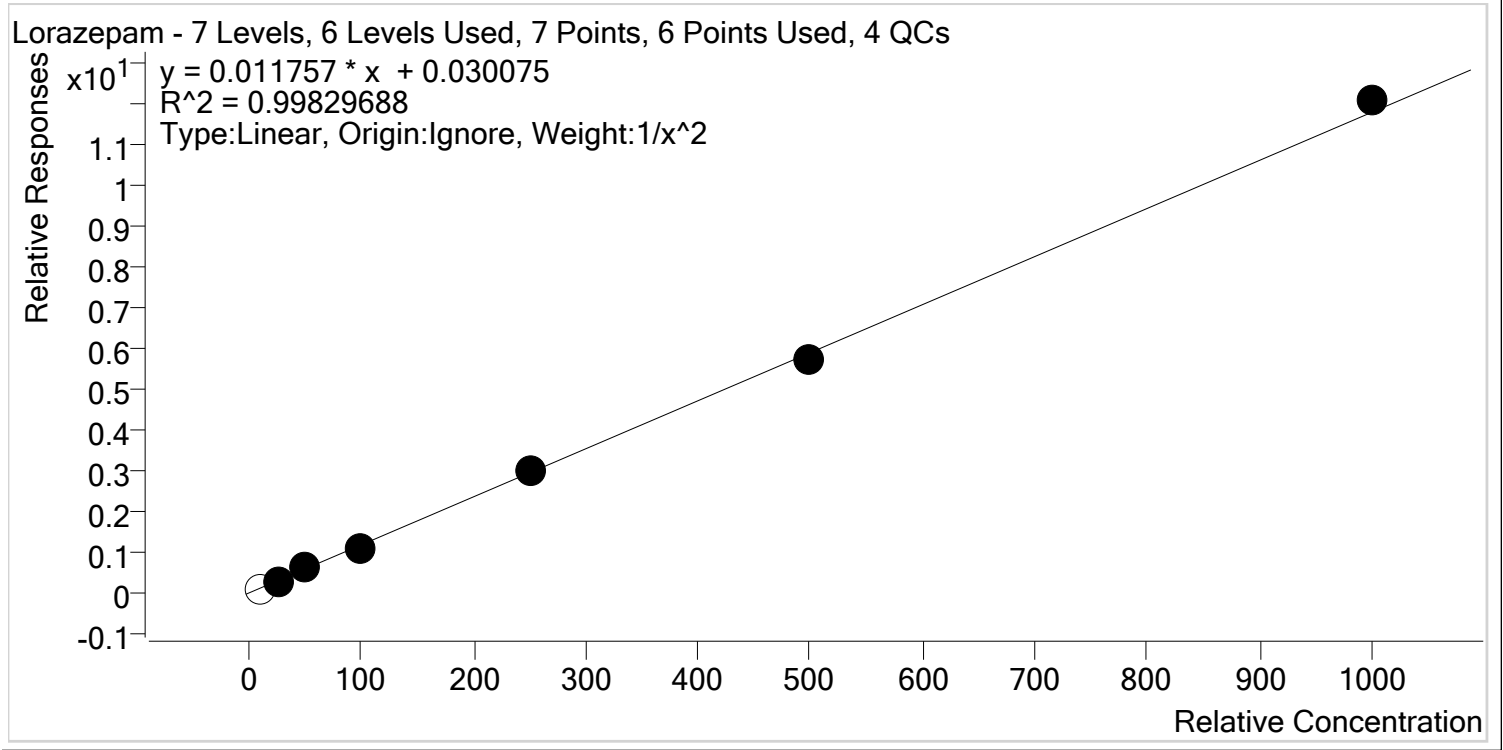


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2- 10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	54.7	109.5
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	440.2	88.0
p1 Cal 8-1000ng	8	✗	1000.0	719.6	72.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

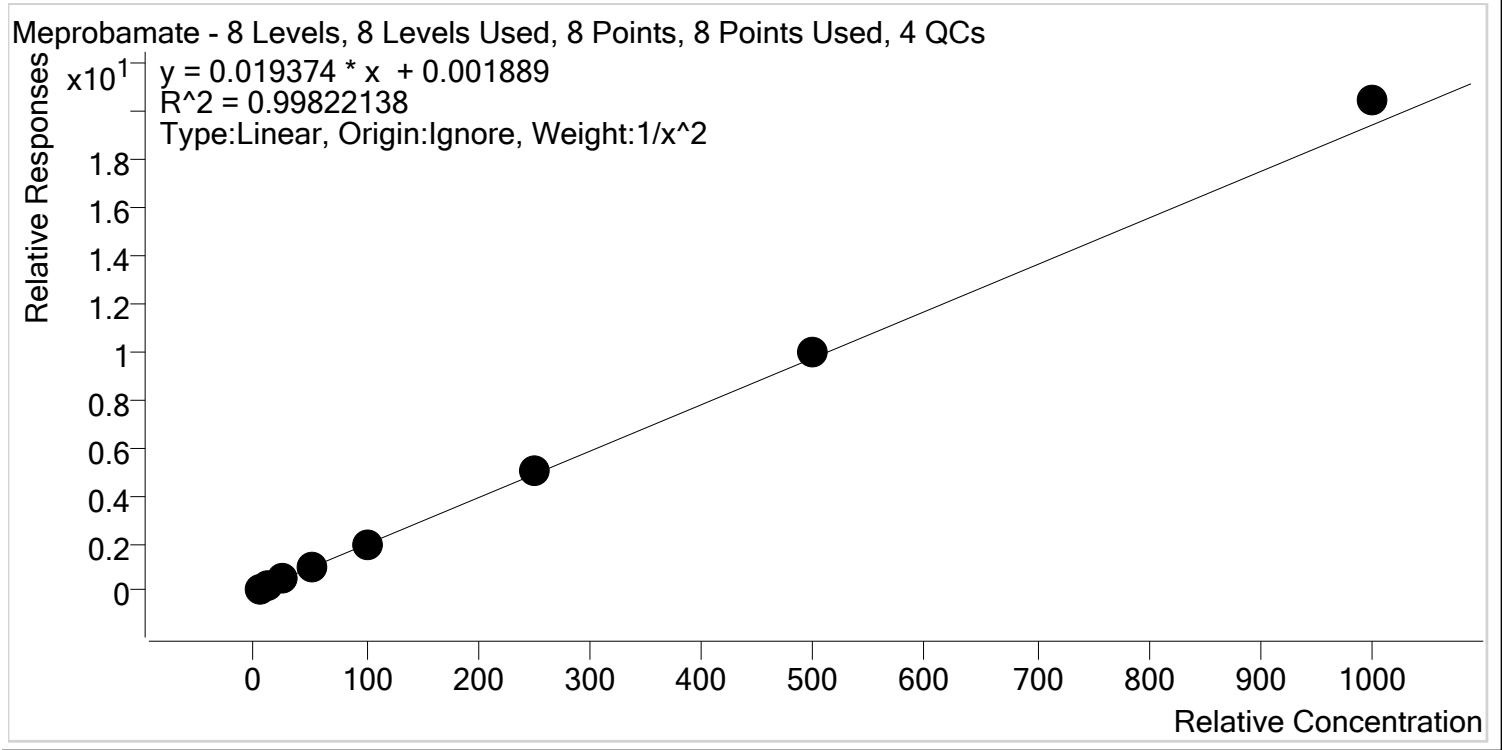


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2- 10ng	2	x	10.0	9.0	89.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	487.8	97.6
p1 Cal 8-1000ng	8	✓	1000.0	1024.0	102.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

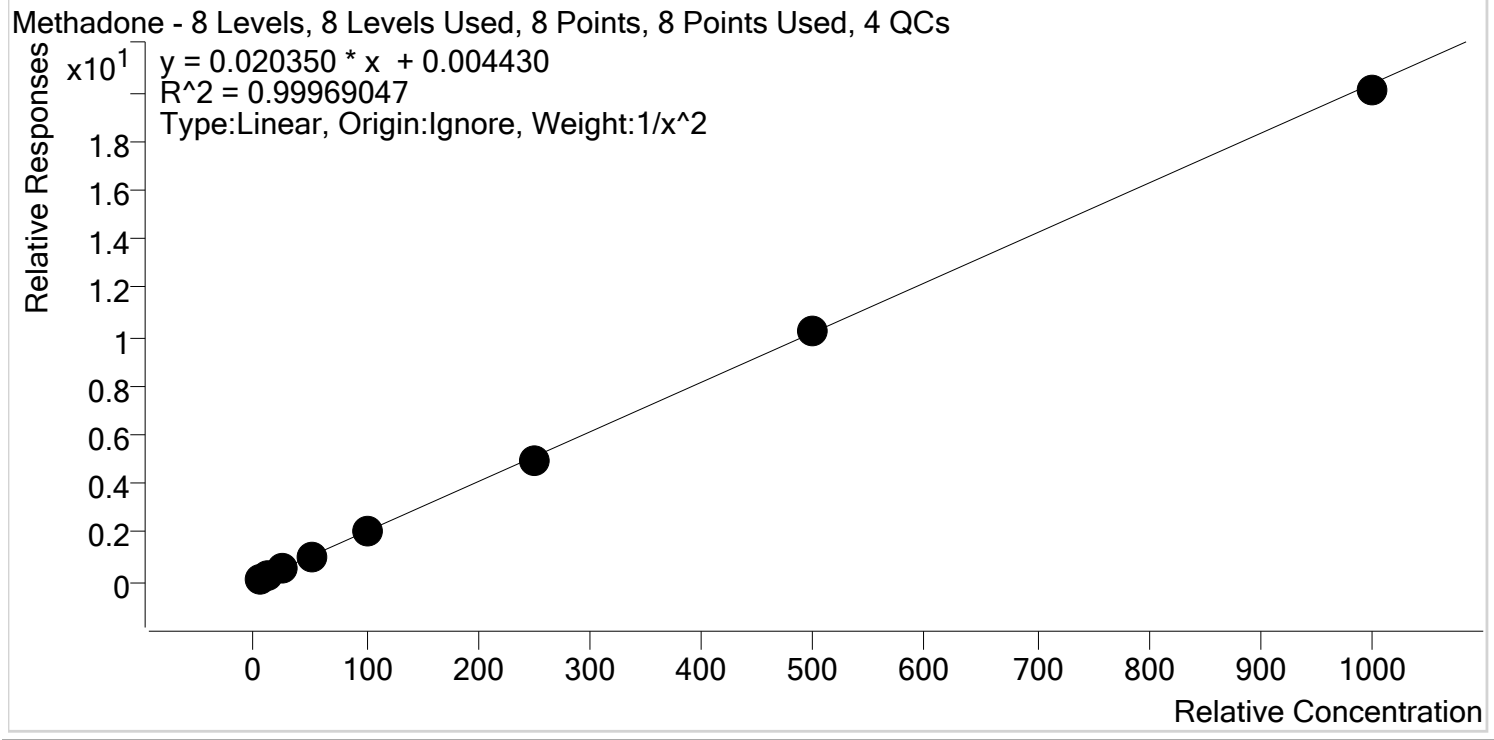


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	257.1	102.9
p1 Cal 7-500ng	7	✓	500.0	512.8	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1052.3	105.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

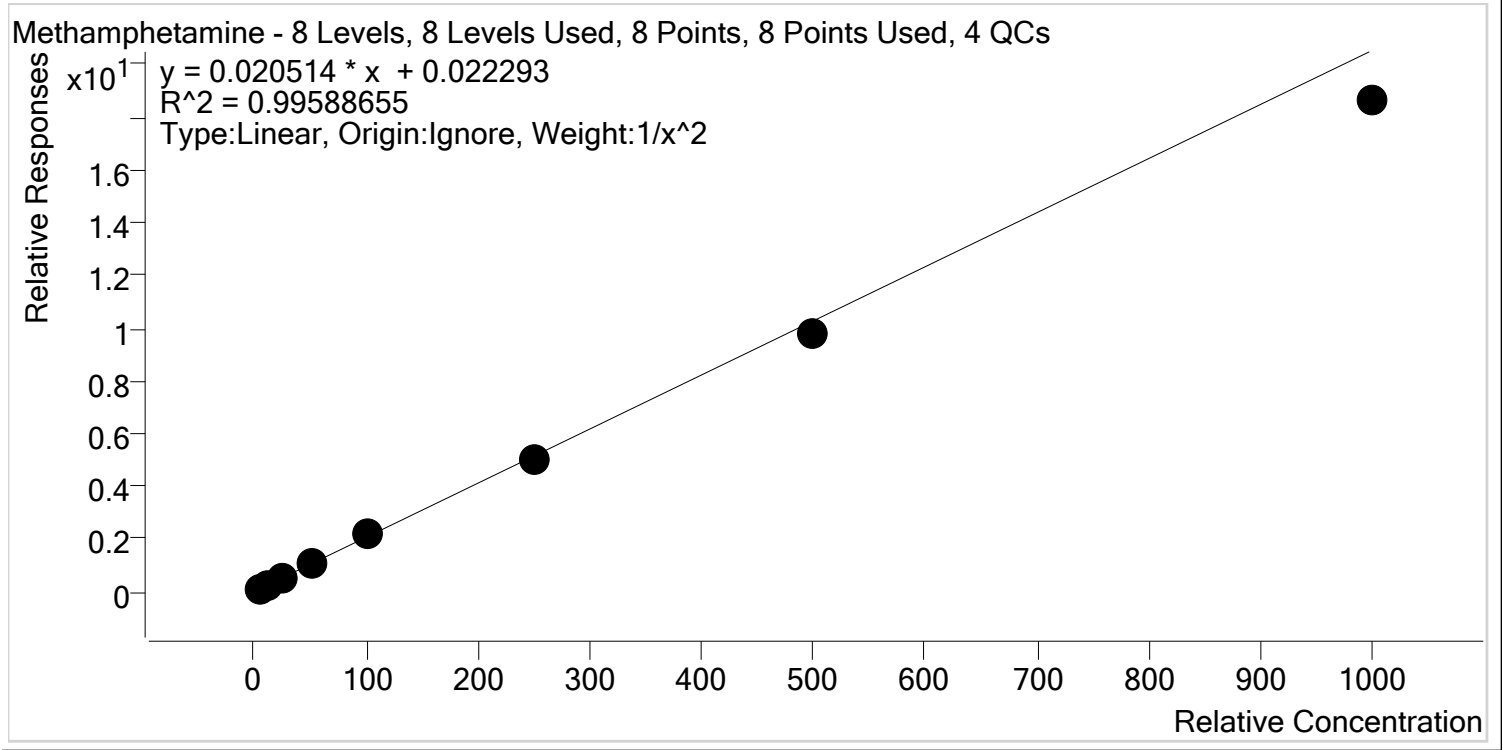


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	504.2	100.8
p1 Cal 8-1000ng	8	✓	1000.0	986.1	98.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



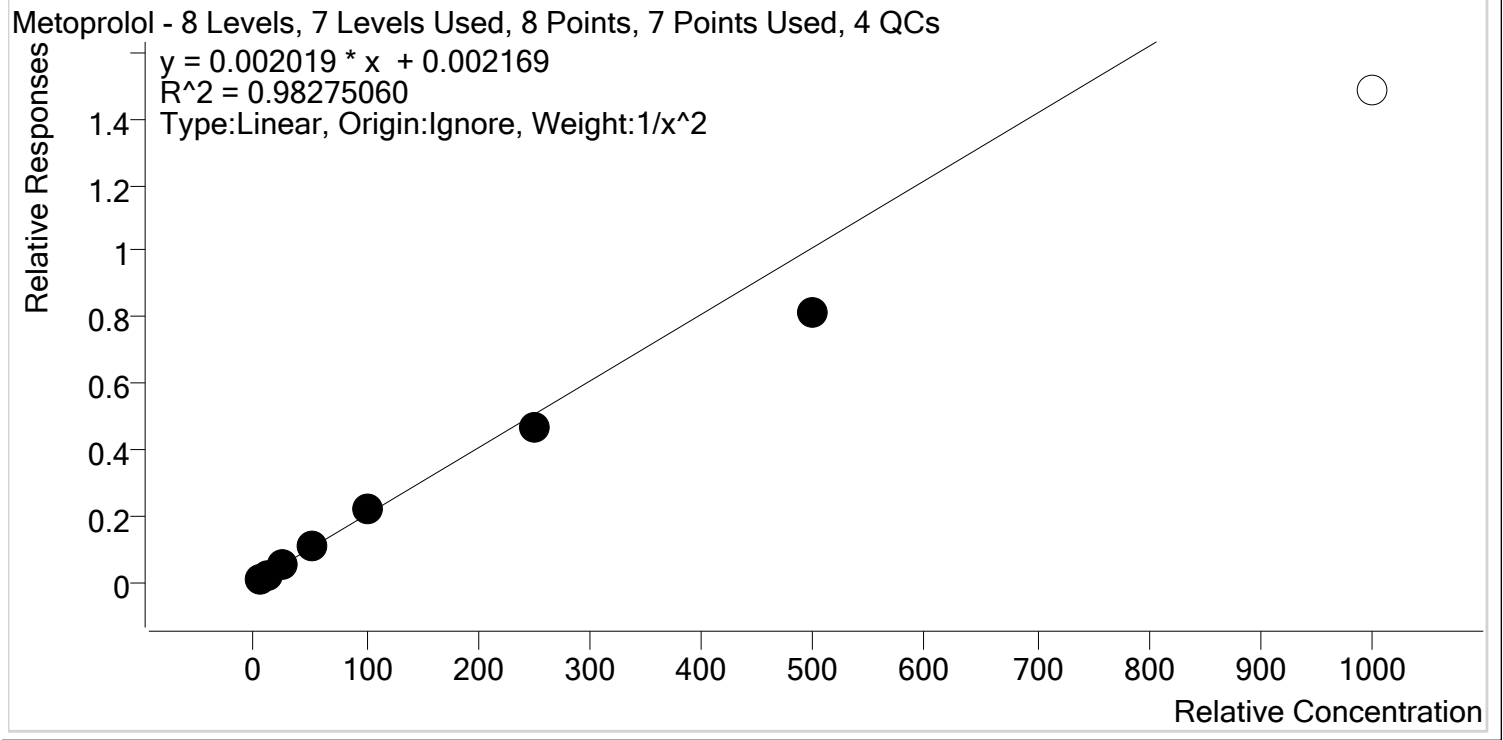
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.4
p1 Cal 4-50ng	4	✓	50.0	52.7	105.3
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	243.5	97.4
p1 Cal 7-500ng	7	✓	500.0	479.8	96.0
p1 Cal 8-1000ng	8	✓	1000.0	907.2	90.7

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

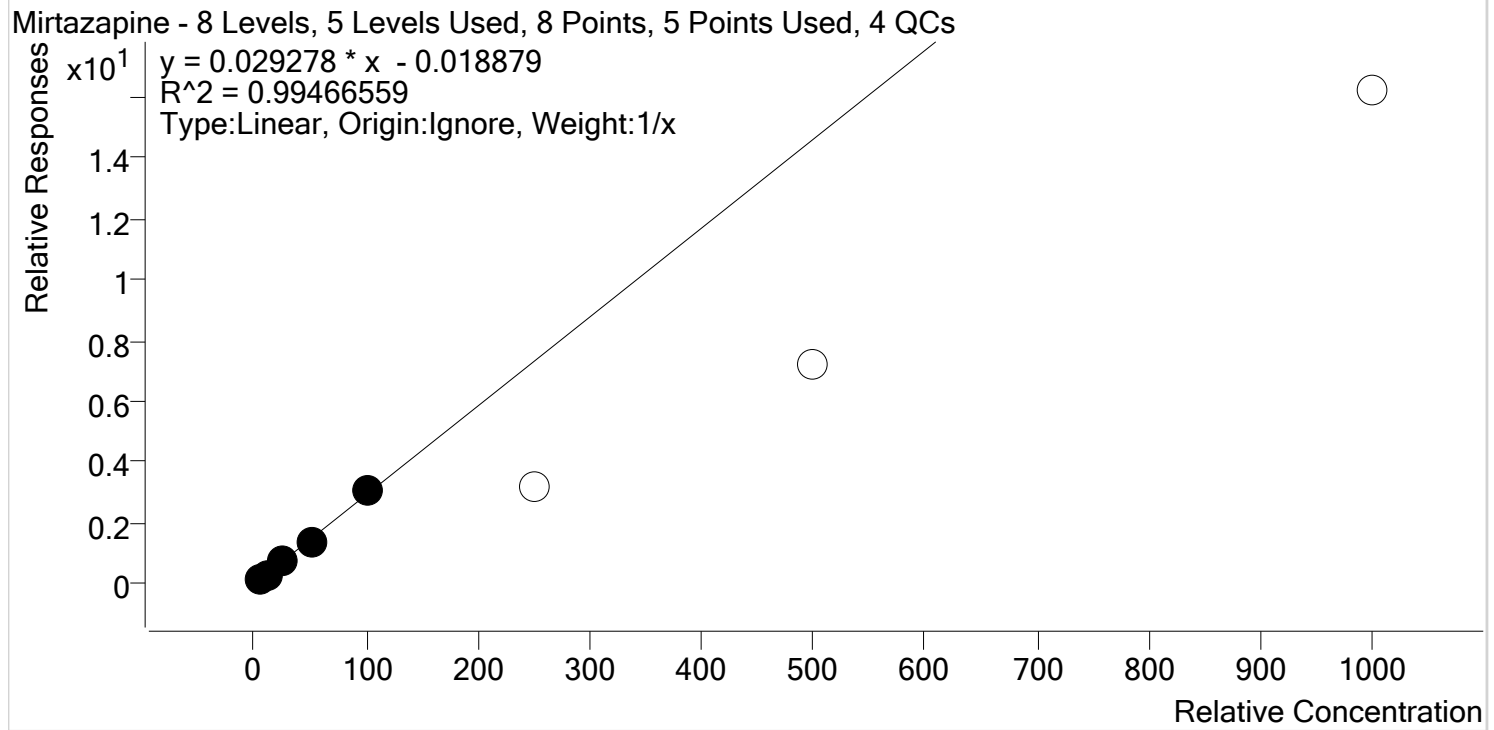


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2- 10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.6
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	107.9	107.9
p1 Cal 6-250ng	6	✓	250.0	231.9	92.8
p1 Cal 7-500ng	7	✓	500.0	401.8	80.4
p1 Cal 8-1000ng	8	✗	1000.0	734.2	73.4

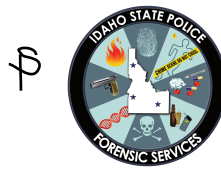


AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

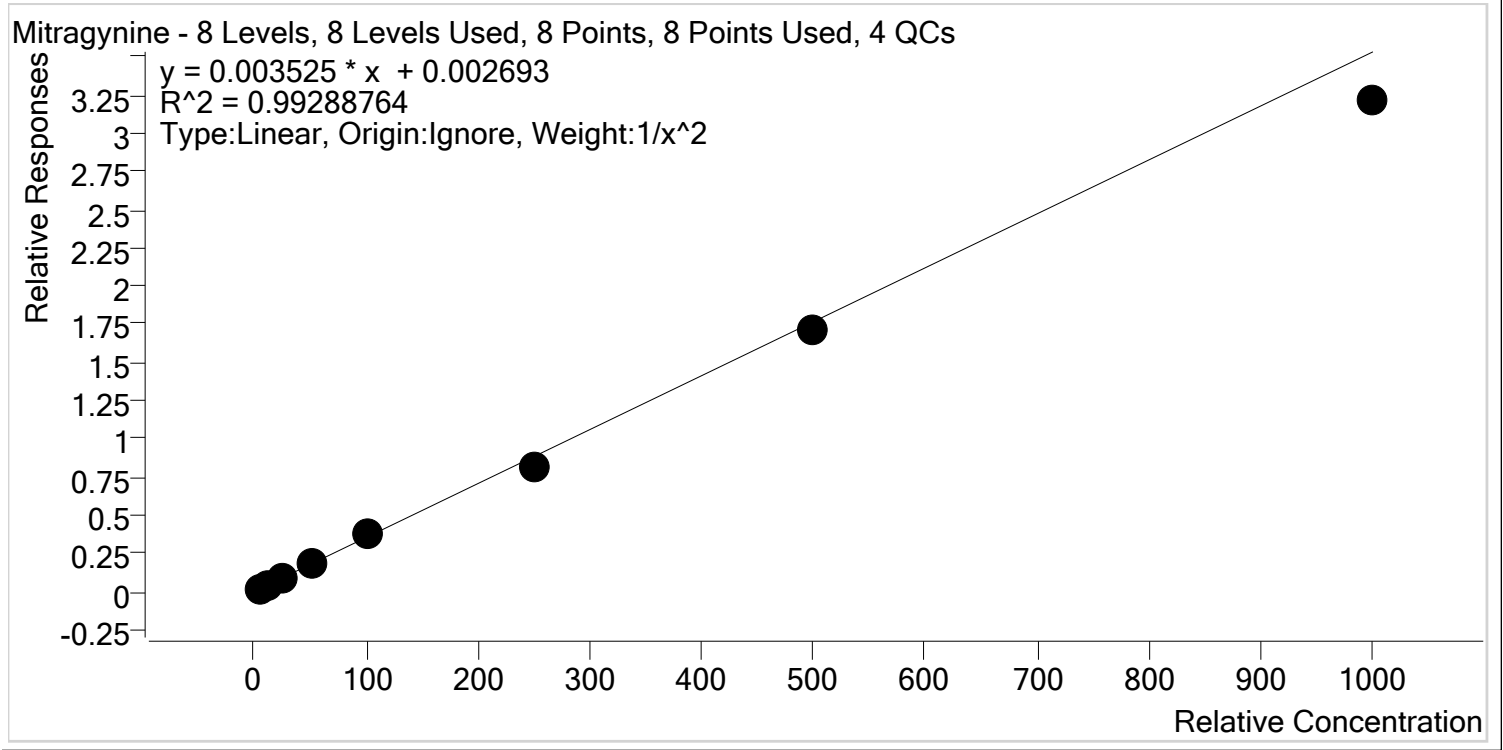


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.7	114.1
p1 Cal 2- 10ng	2	✓	10.0	8.8	88.1
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	46.4	92.7
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✗	250.0	107.8	43.1
p1 Cal 7-500ng	7	✗	500.0	247.8	49.6
p1 Cal 8-1000ng	8	✗	1000.0	554.7	55.5



AM #28 Multi-Drug Quant. Calibration Curve Report

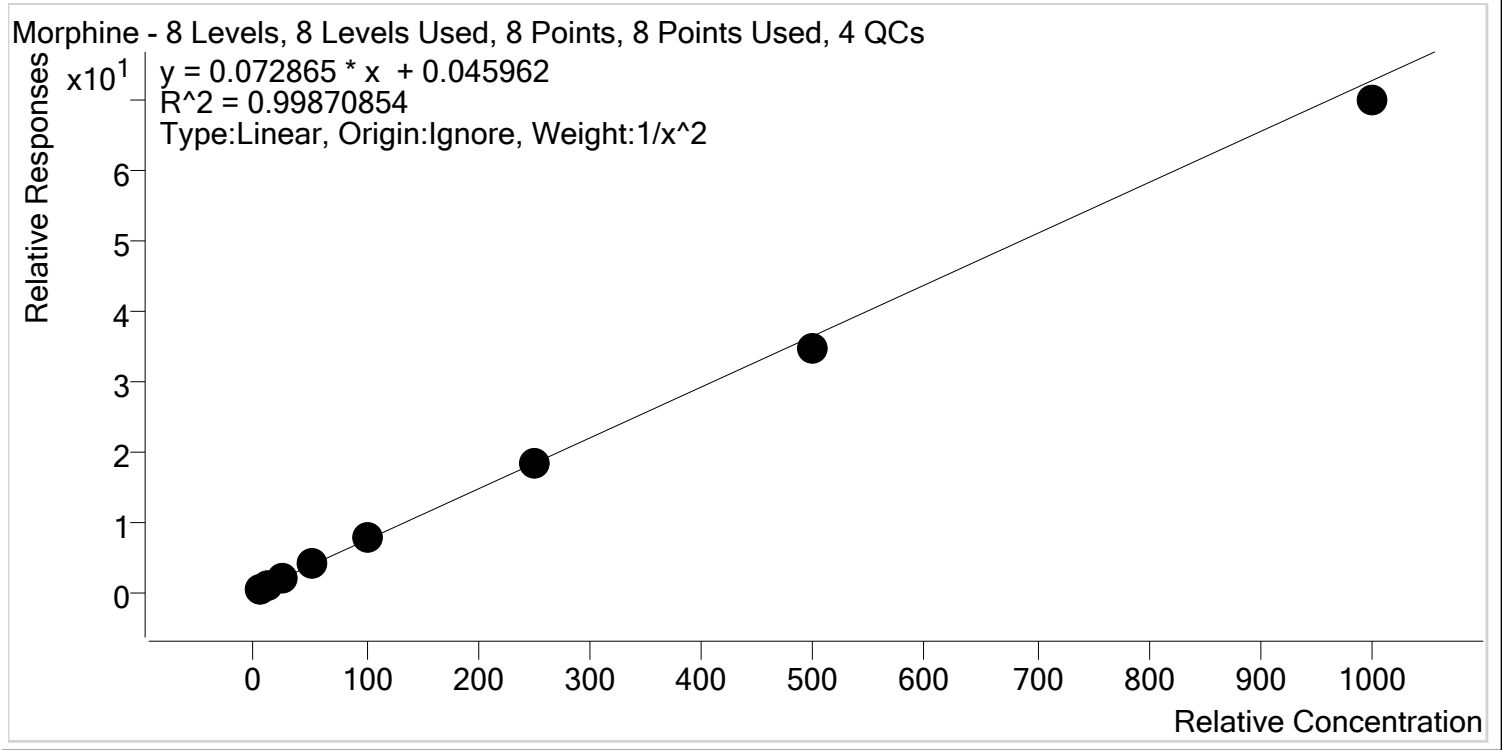
Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2- 10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.3
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
p1 Cal 6-250ng	6	✓	250.0	228.4	91.4
p1 Cal 7-500ng	7	✓	500.0	486.2	97.2
p1 Cal 8-1000ng	8	✓	1000.0	910.3	91.0

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

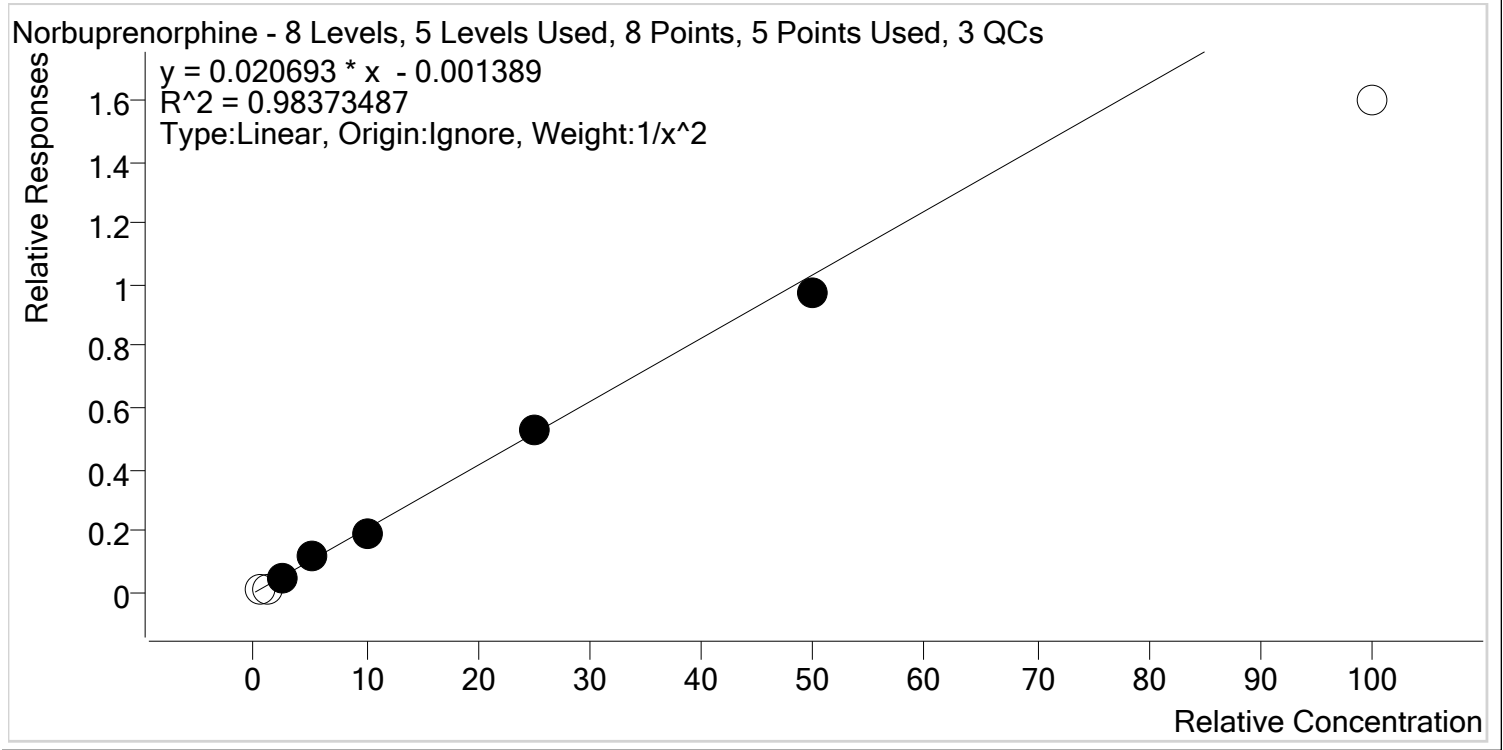


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	476.7	95.3
p1 Cal 8-1000ng	8	✓	1000.0	960.6	96.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.6	120.4
p1 Cal 2- 10ng	2	x	1.0	0.8	78.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.0
p1 Cal 4-50ng	4	✓	5.0	5.8	115.7
p1 Cal 5-100ng	5	✓	10.0	9.2	92.4
p1 Cal 6-250ng	6	✓	25.0	25.8	103.1
p1 Cal 7-500ng	7	✓	50.0	47.4	94.8
p1 Cal 8-1000ng	8	x	100.0	77.3	77.3

Did not evaluate Φ

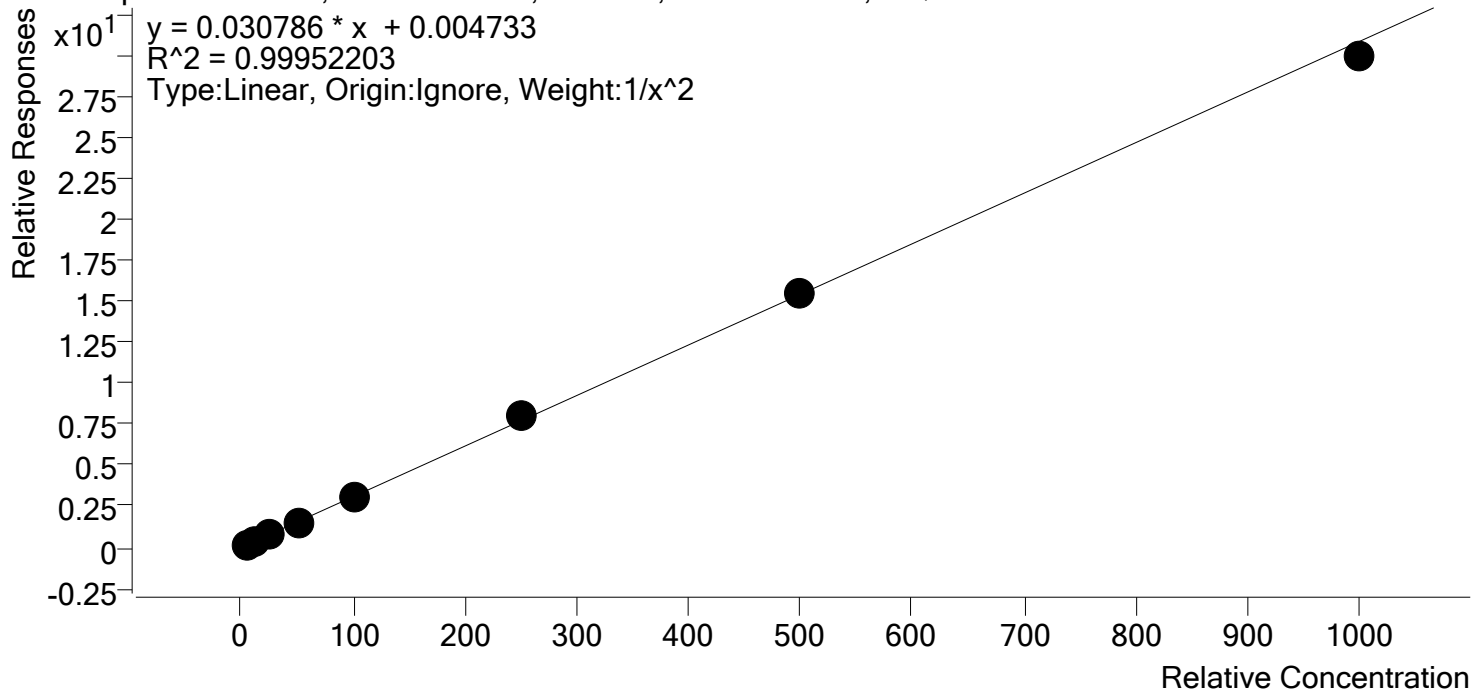
8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

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

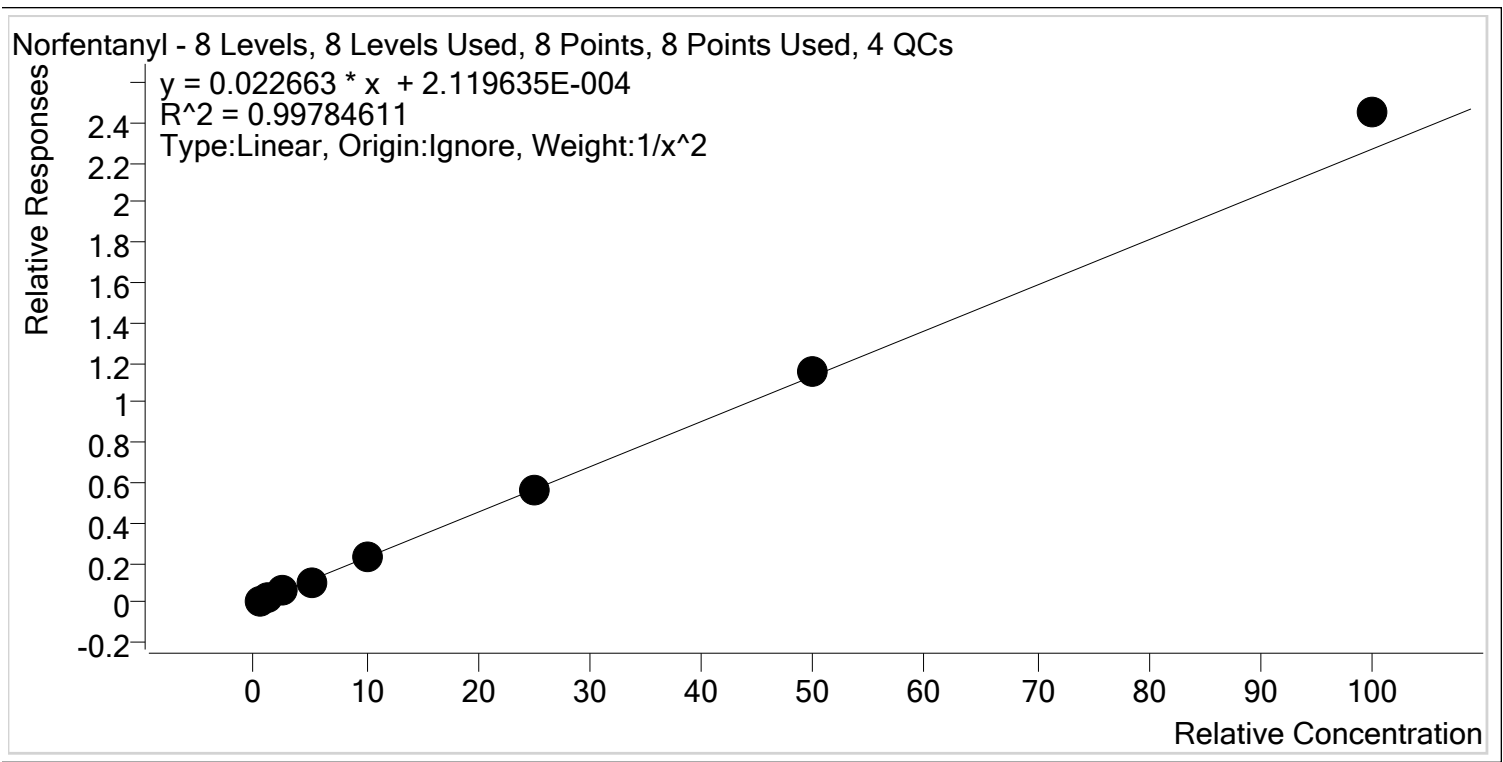


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	257.3	102.9
p1 Cal 7-500ng	7	✓	500.0	500.1	100.0
p1 Cal 8-1000ng	8	✓	1000.0	970.3	97.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.7
p1 Cal 2- 10ng	2	✓	1.0	1.0	96.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.1
p1 Cal 4-50ng	4	✓	5.0	4.8	96.3
p1 Cal 5-100ng	5	✓	10.0	9.8	98.4
p1 Cal 6-250ng	6	✓	25.0	24.7	99.0
p1 Cal 7-500ng	7	✓	50.0	51.0	102.0
p1 Cal 8-1000ng	8	✓	100.0	108.0	108.0

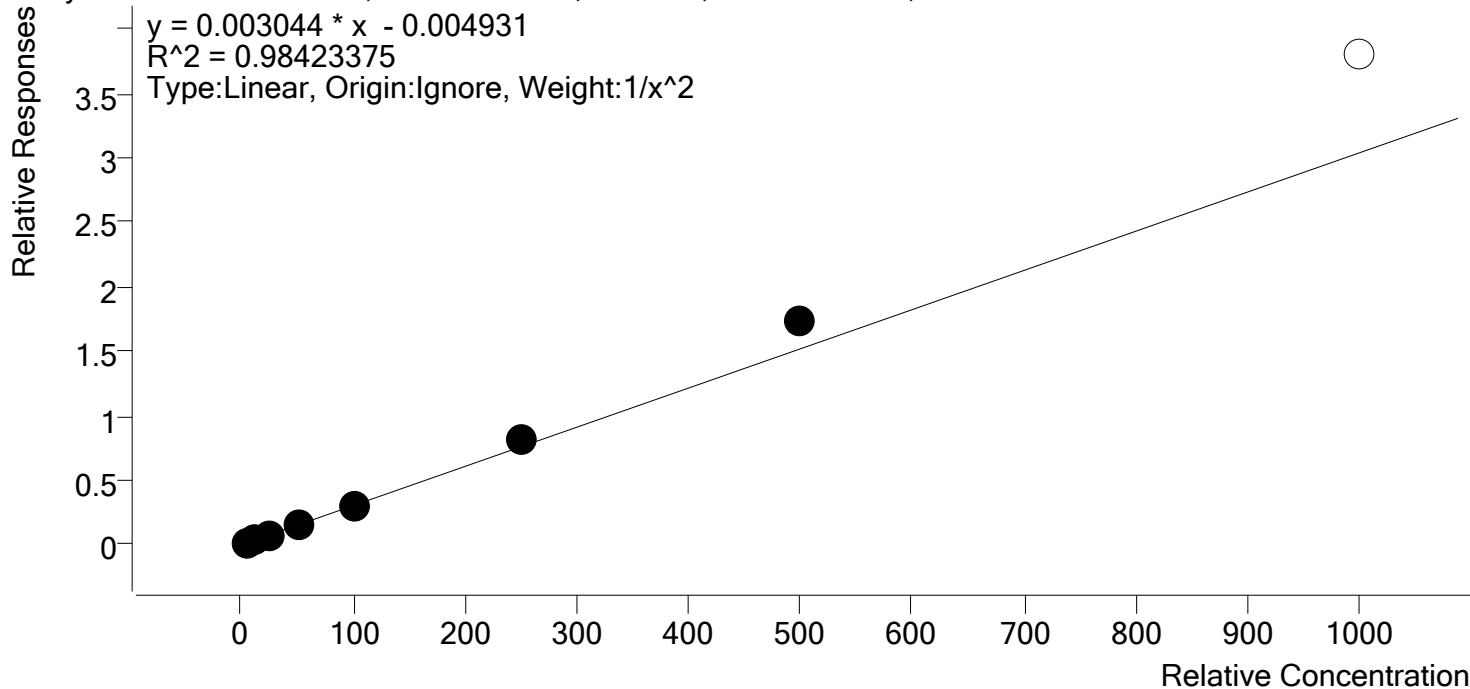
8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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

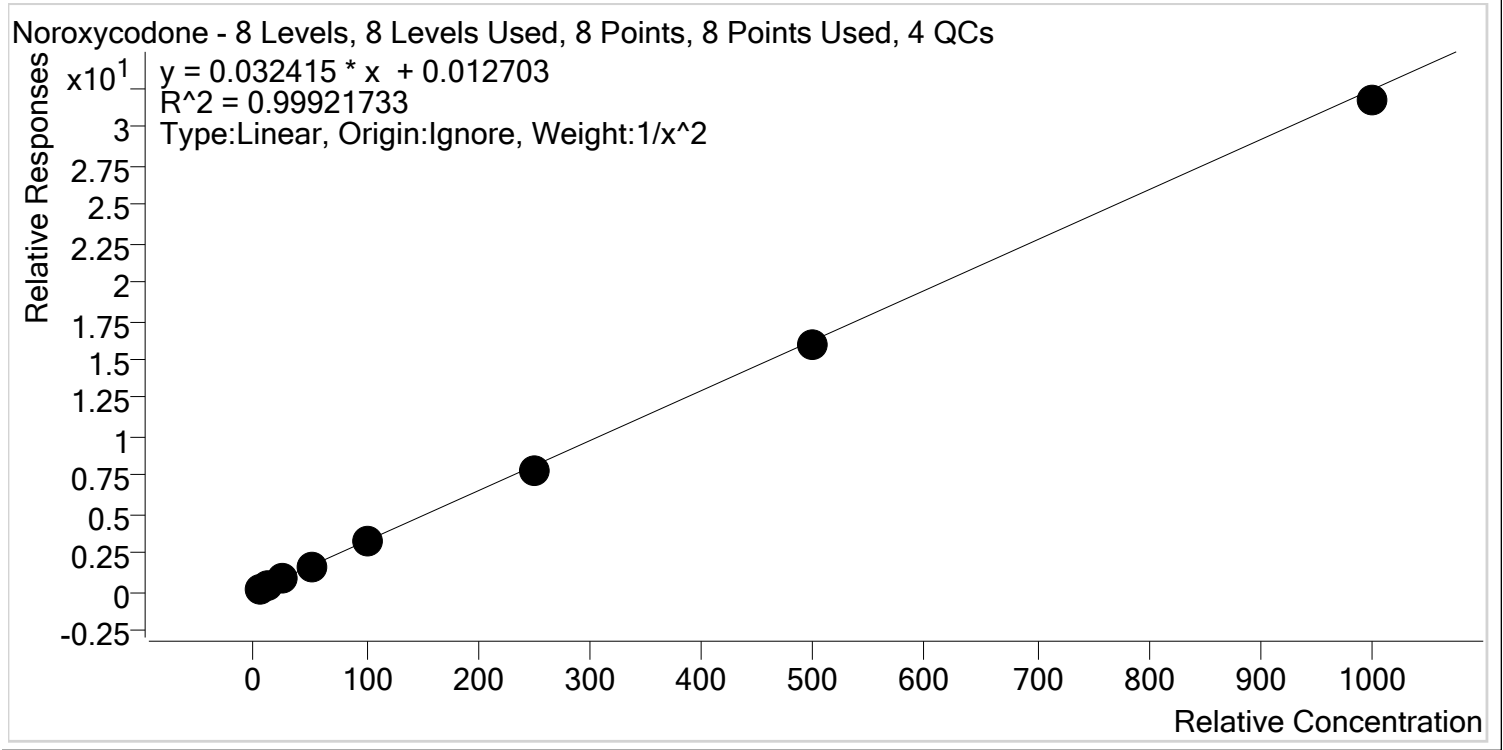


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	107.3
p1 Cal 2- 10ng	2	✓	10.0	9.2	92.0
p1 Cal 3 -25ng	3	✓	25.0	21.4	85.5
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	273.3	109.3
p1 Cal 7-500ng	7	✓	500.0	575.8	115.2
p1 Cal 8-1000ng	8	✗	1000.0	1250.9	125.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

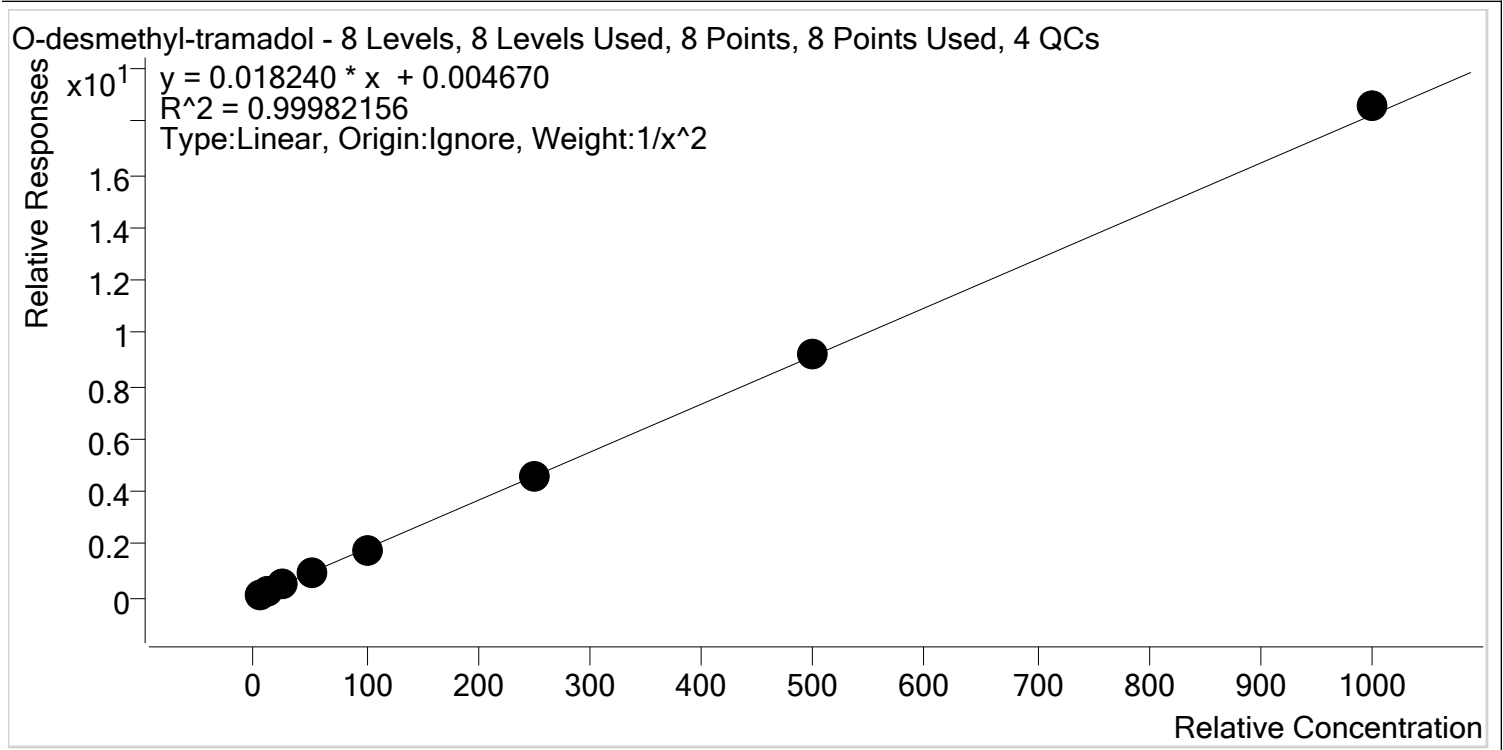


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	243.2	97.3
p1 Cal 7-500ng	7	✓	500.0	488.1	97.6
p1 Cal 8-1000ng	8	✓	1000.0	978.0	97.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

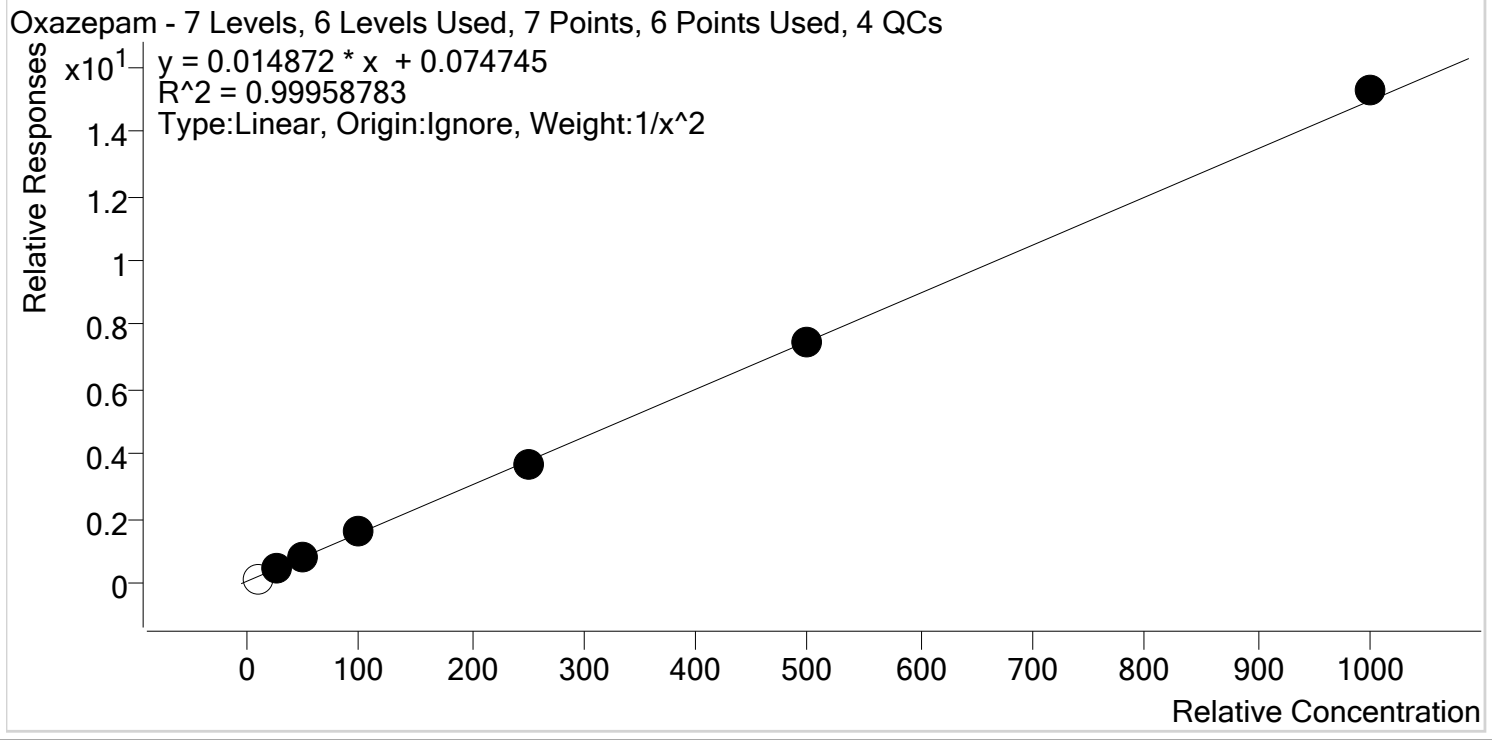


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	250.1	100.1
p1 Cal 7-500ng	7	✓	500.0	503.8	100.8
p1 Cal 8-1000ng	8	✓	1000.0	1018.2	101.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

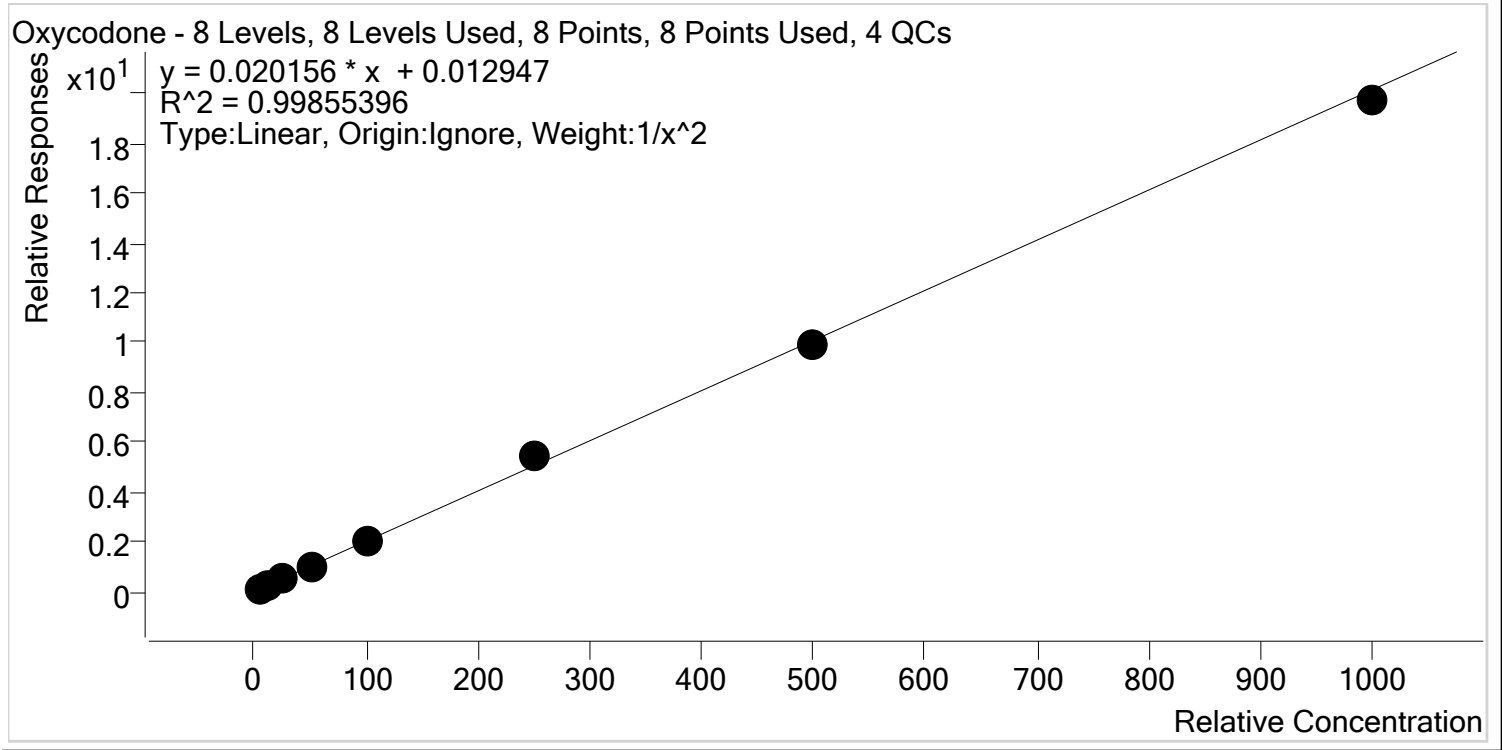


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2- 10ng	2	x	10.0	5.4	53.8
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	244.4	97.7
p1 Cal 7-500ng	7	✓	500.0	498.0	99.6
p1 Cal 8-1000ng	8	✓	1000.0	1021.1	102.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



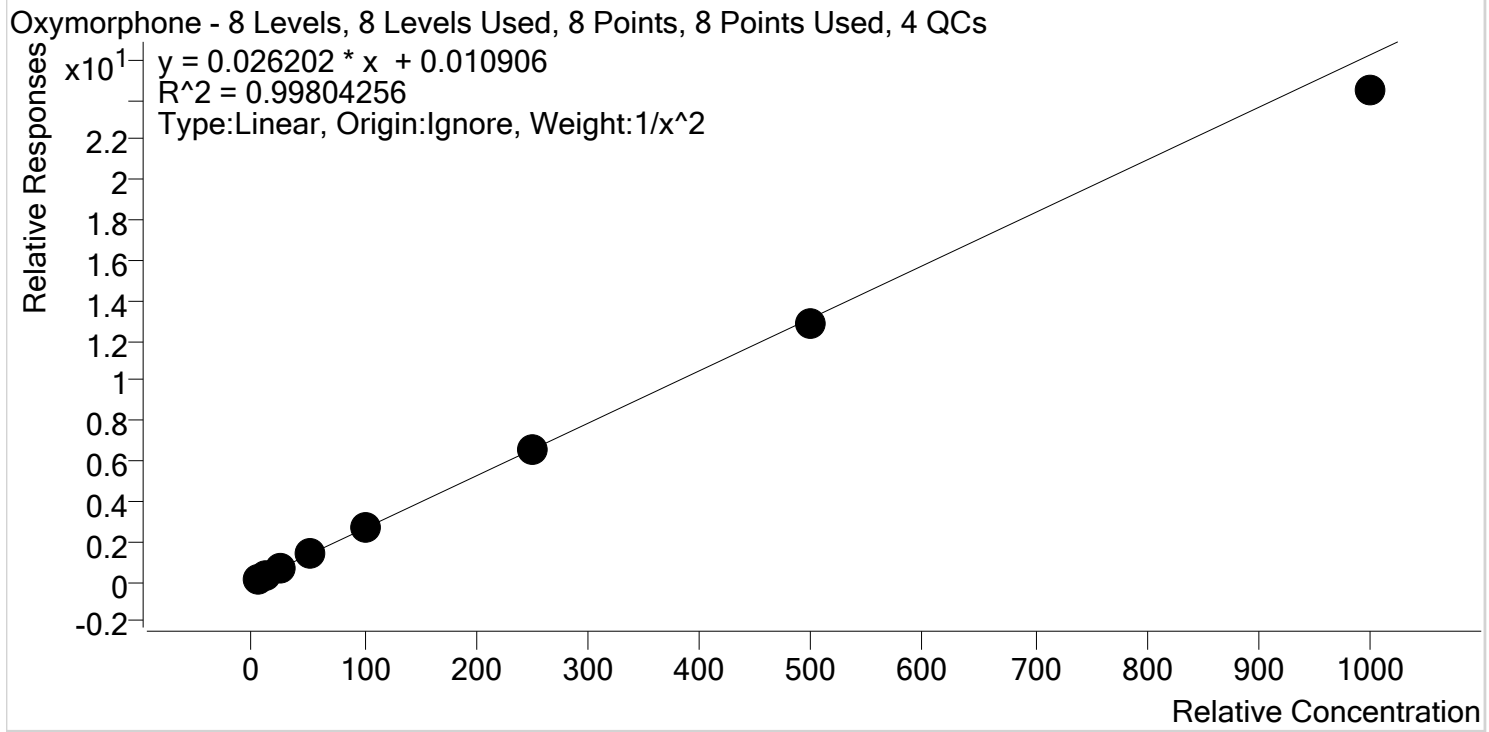
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	268.8	107.5
p1 Cal 7-500ng	7	✓	500.0	492.8	98.6
p1 Cal 8-1000ng	8	✓	1000.0	978.5	97.8

8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

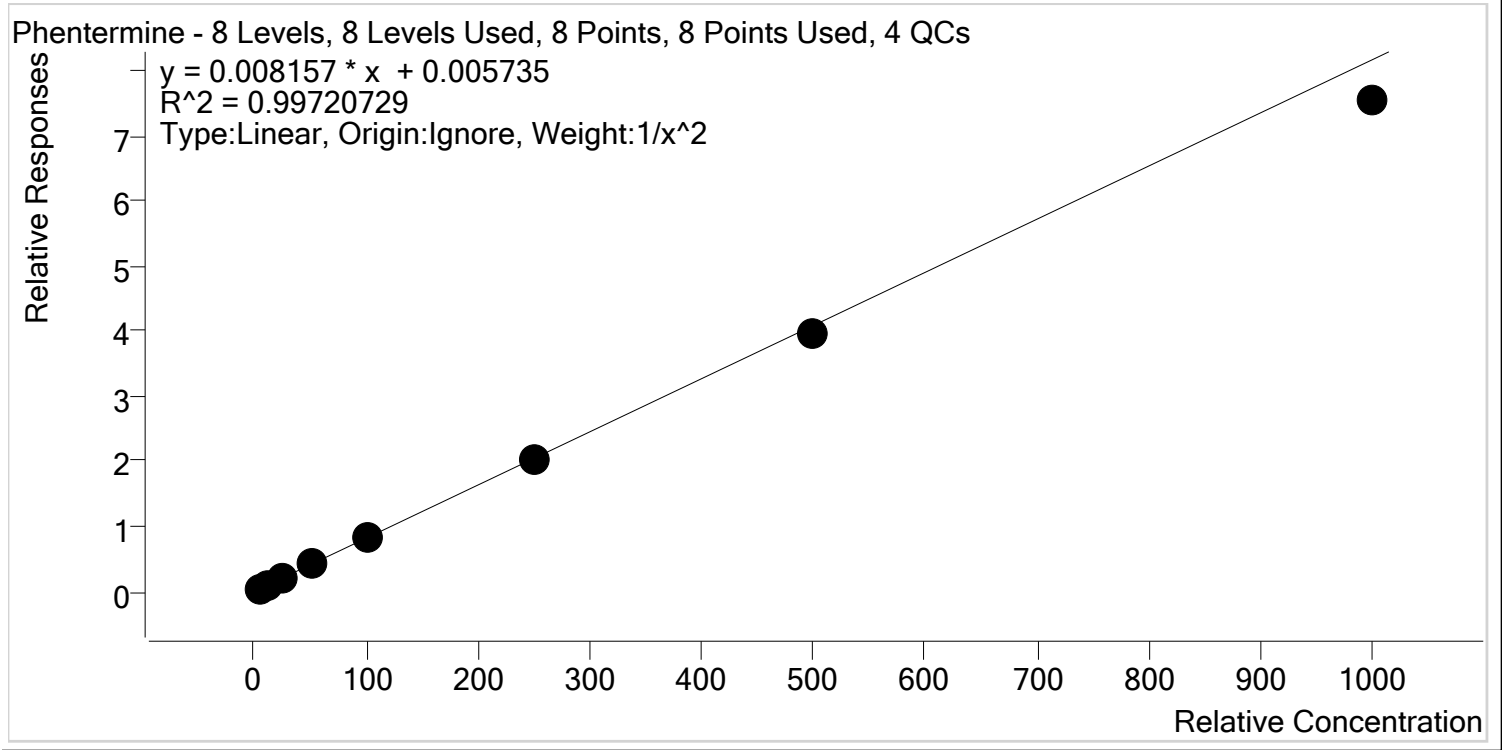


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	487.2	97.4
p1 Cal 8-1000ng	8	✓	1000.0	932.1	93.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

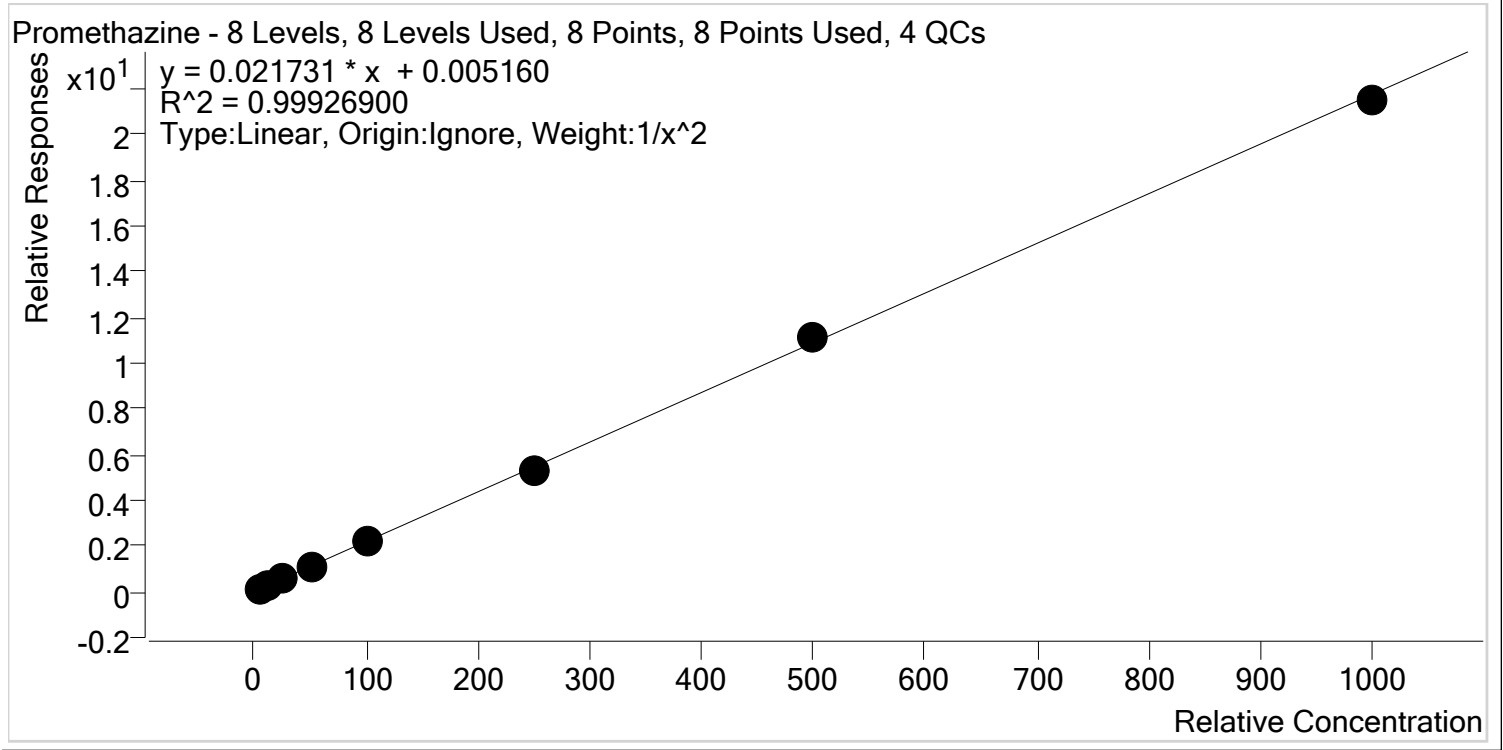


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	482.6	96.5
p1 Cal 8-1000ng	8	✓	1000.0	923.2	92.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

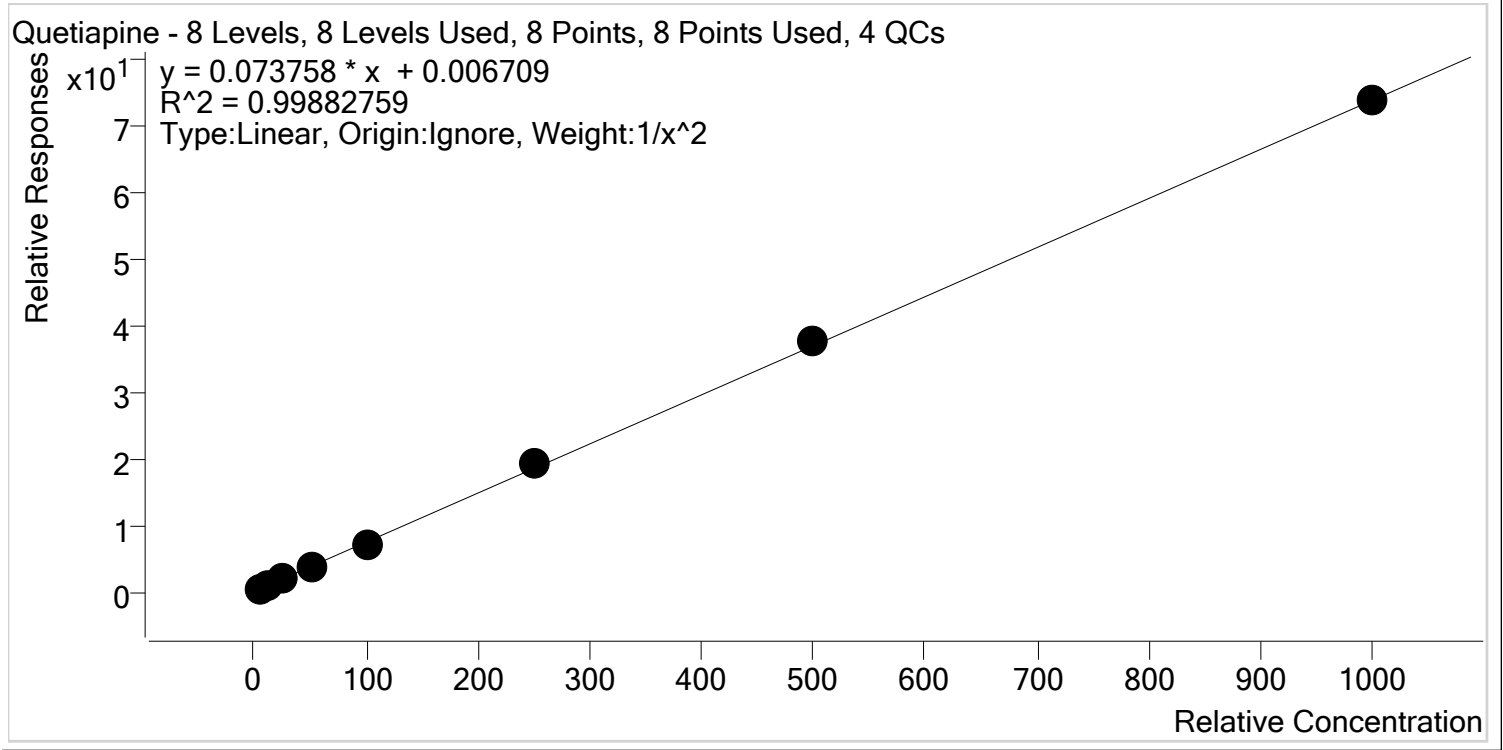


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	240.6	96.3
p1 Cal 7-500ng	7	✓	500.0	510.6	102.1
p1 Cal 8-1000ng	8	✓	1000.0	987.5	98.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



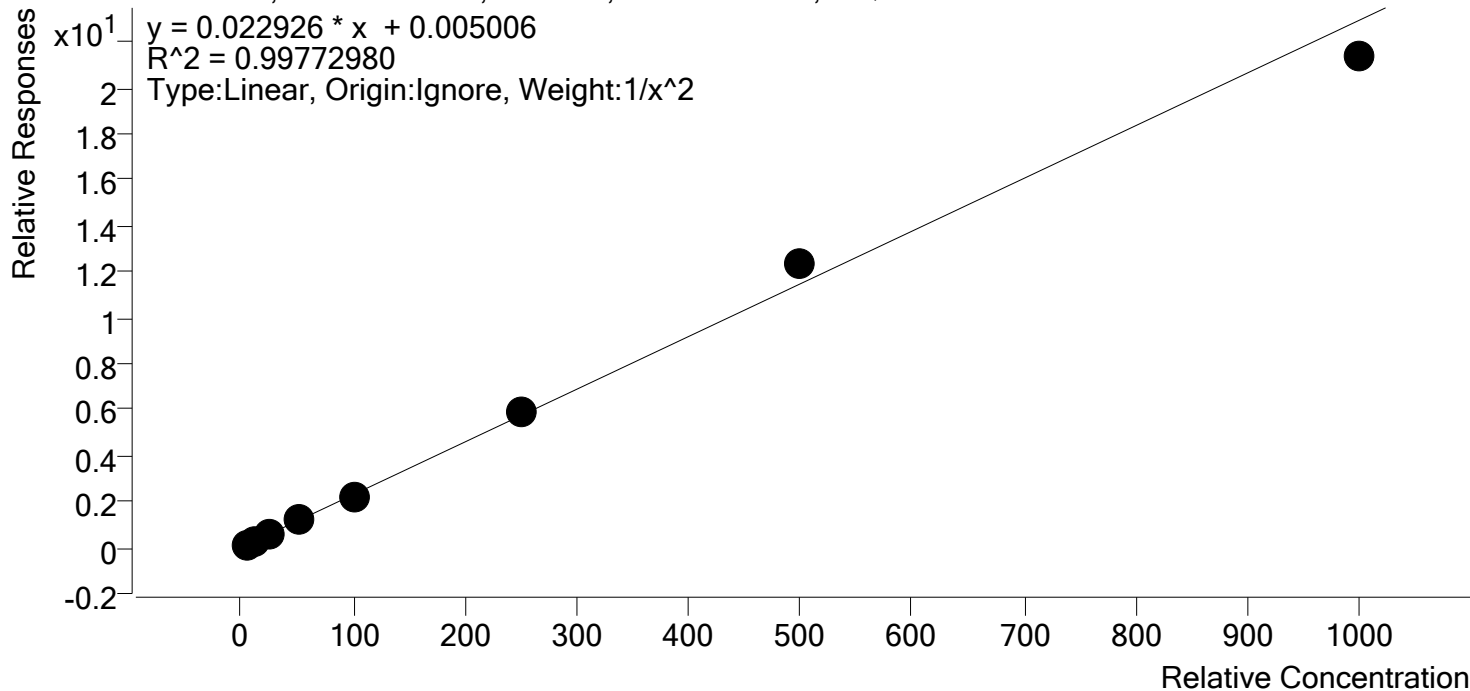
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	51.1	102.1
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	258.5	103.4
p1 Cal 7-500ng	7	✓	500.0	513.6	102.7
p1 Cal 8-1000ng	8	✓	1000.0	999.5	100.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



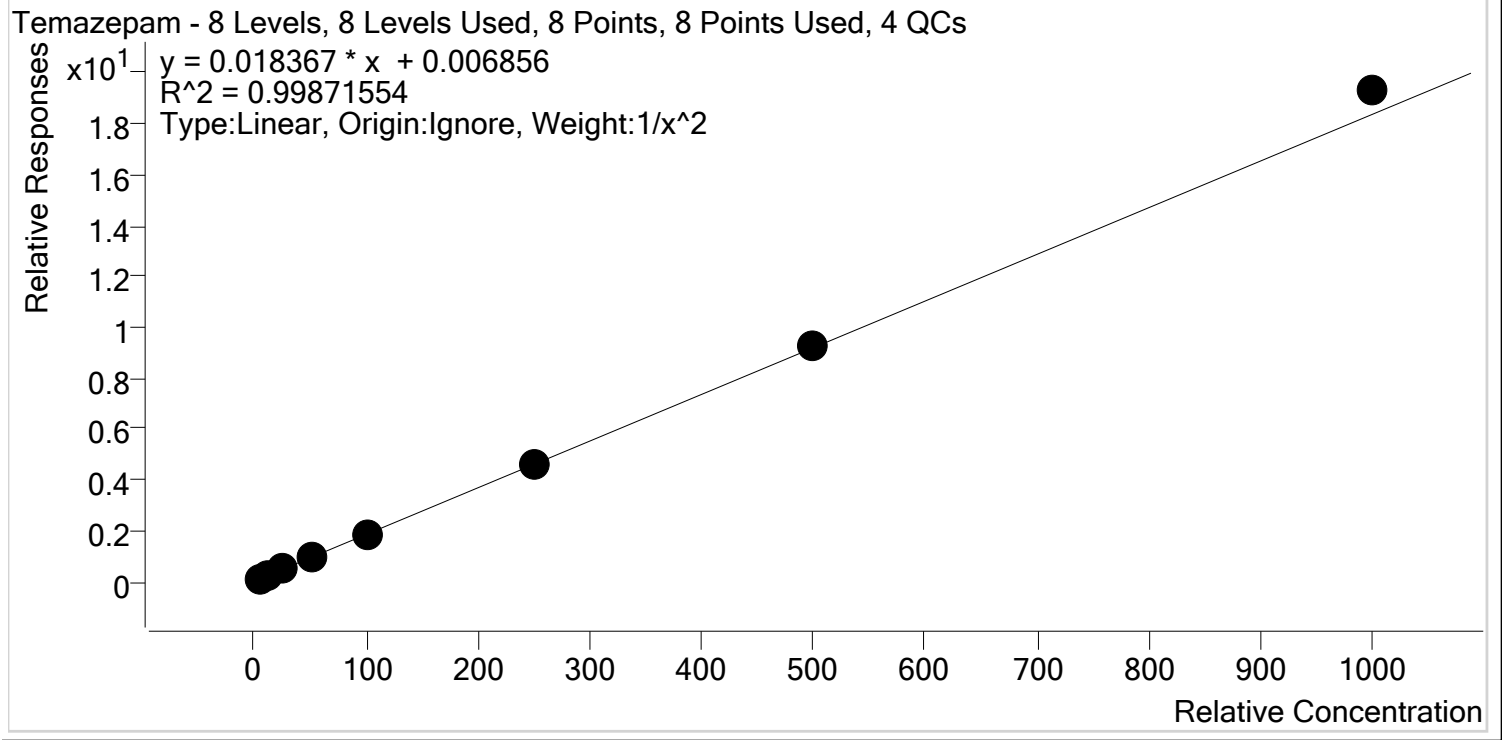
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	538.4	107.7
p1 Cal 8-1000ng	8	✓	1000.0	931.1	93.1

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
 Last Cal. Update 8/28/2019 8:00 AM
 Analyst Name ISP\datastor
 Analyte Temazepam Internal Standard Temazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2- 10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	500.9	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1051.0	105.1

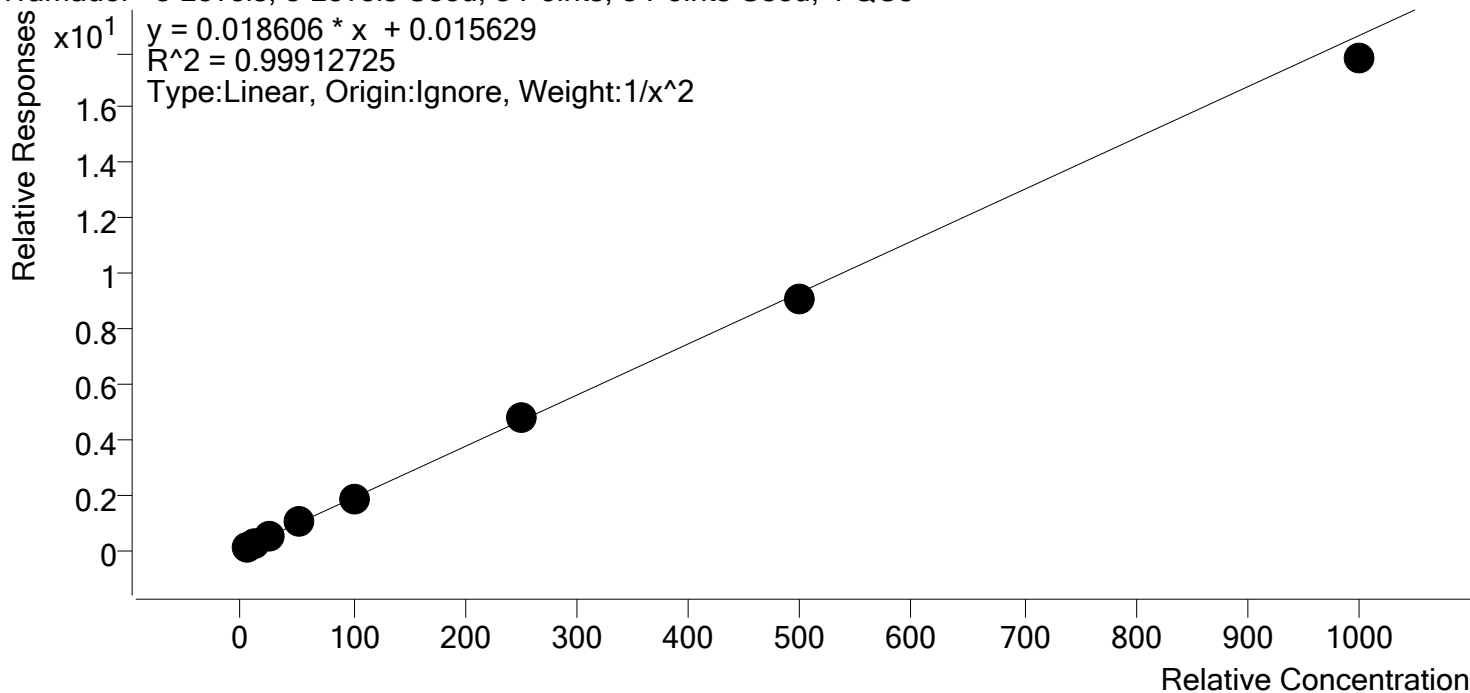
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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

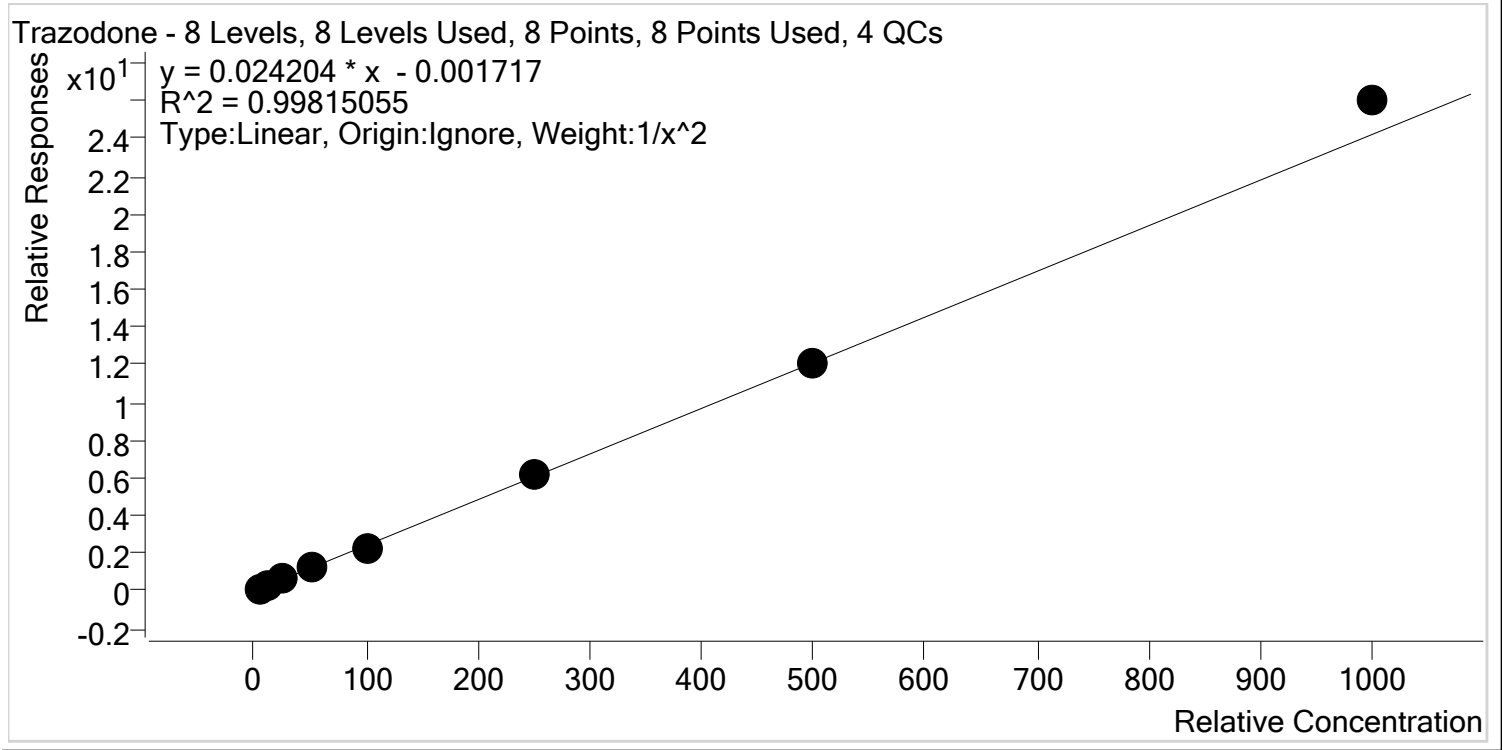


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	51.6	103.1
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	487.7	97.5
p1 Cal 8-1000ng	8	✓	1000.0	955.1	95.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

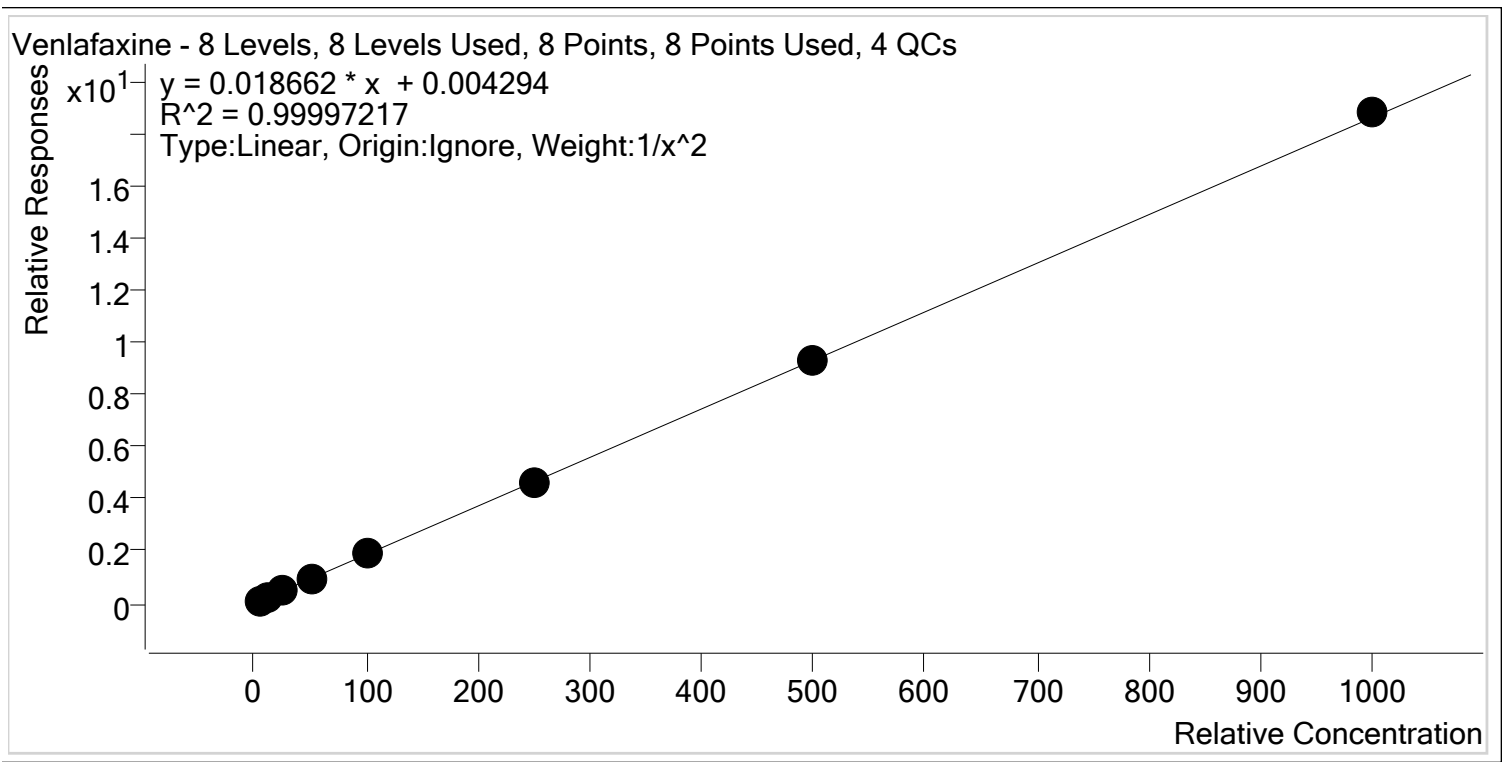


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	500.9	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1074.2	107.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	498.6	99.7
p1 Cal 8-1000ng	8	✓	1000.0	1010.4	101.0

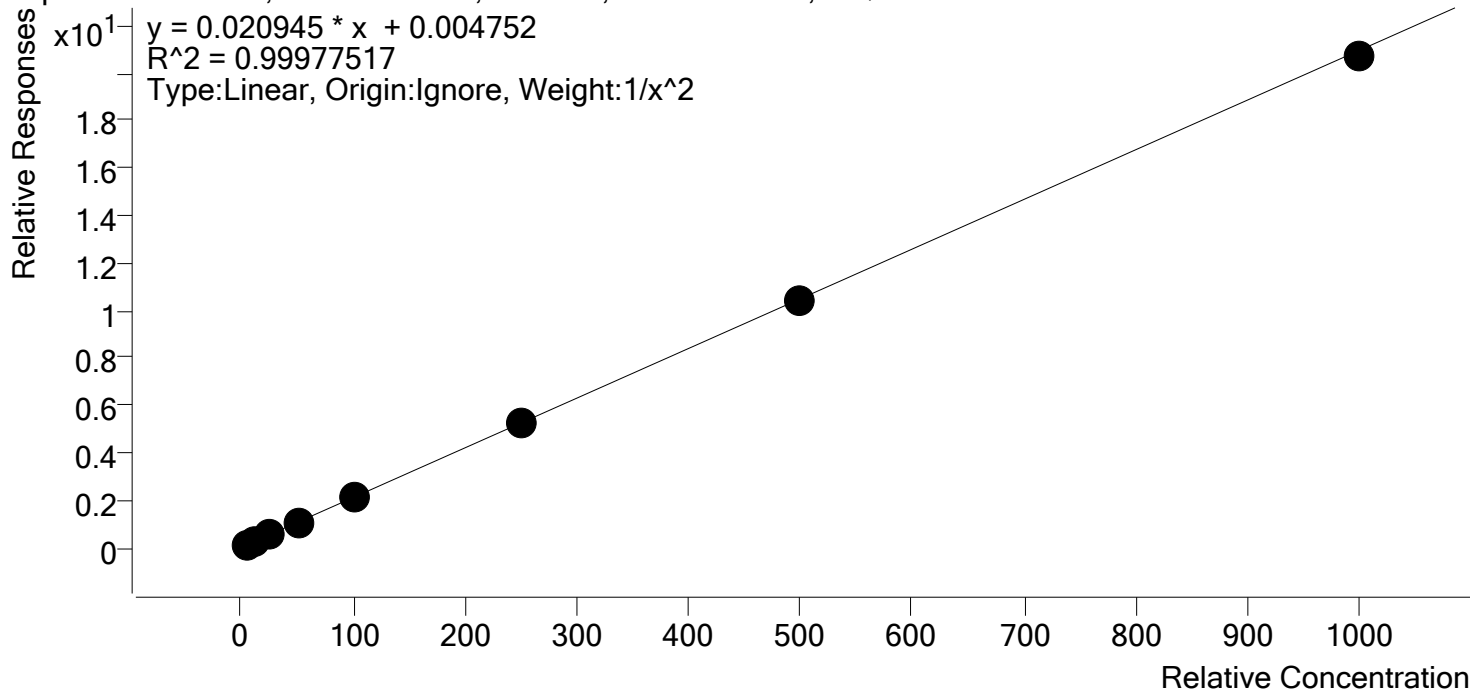
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin
Last Cal. Update 8/28/2019 8:00 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	496.1	99.2
p1 Cal 8-1000ng	8	✓	1000.0	987.6	98.8

AM #28 Multi-Drug Quant. Results



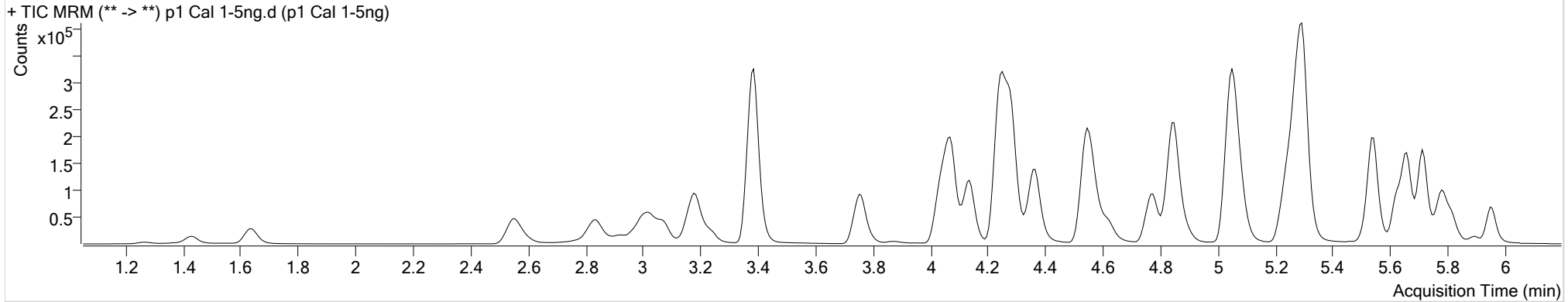
Batch results
Calibration Last Update

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8/28/2019 8:00:35 AM

Instrument Type Falco
Acq. Method MDQ P1 Combined 082219.m
Sample Position P2-H12
Injection Volume 1
Acq. Date-Time 8/27/2019 1:46:44 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.162	674	82.30	66.9	1138.43	30953	0.5638 ng/ml
7-aminoclonazepam	4.269	8860	180.09	75.3	206.84	72162	4.8695 ng/ml
a-hydroxyalprazolam	5.697	432	∞	107.7 High	72.28	7507	3.6873 ng/ml
alpha-PVP	4.375	38765	1504.37	49.6	1603.75	342125	5.0246 ng/ml
Alprazolam	5.781	14421	445.34	107.3	278.04	92128	5.0410 ng/ml
Amphetamine	3.074	46942	1205.34	56.4	∞	112843	4.7152 ng/ml
Benzoylcegonine	3.899	1719	316.05	6.8	7.34 Low	8308	5.0870 ng/ml
Buprenorphine	5.730	495	36.34	15.4	16.21	33462	0.4635 ng/ml
Bupropion	4.790	37263	4006.15	58.0	853.17	244159	4.9833 ng/ml
Carisoprodol	5.723	12202	519.42	58.2	133.61	112009	5.0568 ng/ml
Citalopram	5.240	25792	406.69	42.0	∞	233395	5.0149 ng/ml
Clonazepam	5.617	2632	42.09	34.5	230.78	8525	5.0993 ng/ml
Cocaine	4.275	35287	619.94	48.5	1747.14	573819	5.0977 ng/ml
Codeine	2.610	4319	1605.60	112.5	2148.85	39541	5.0015 ng/ml
Cyclobenzaprine	5.627	20206	12604.57	11.4	283.58	184863	5.1026 ng/ml
Dextromethorphan	5.276	16184	819.81	82.1	2104.23	145281	4.9698 ng/ml
Dextrorphan	4.138	11093	2032.38	200.9	441.73	277578	5.0655 ng/ml
Diazepam	5.958	14328	774.49	88.0	482.54	132938	5.0371 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.582	12065	4860.92	66.1	4305.43	131979	4.8797 ng/ml
Diphenhydramine	5.303	66773	1552.12	31.4	1140.14	837890	5.0140 ng/ml
Doxylamine	4.564	80634	9705.71	97.4	2722.09	651864	5.0379 ng/ml
EDDP	5.268	33212	1157.68	40.4	∞	343369	5.0680 ng/ml
Fentanyl	5.090	1931	1371.09	76.4	55.79	217638	0.5170 ng/ml
Fluoxetine	5.719	29001	312.07	8.1	13323.88	225578	4.9611 ng/ml
Hydrocodone	3.051	10671	89.98	36.6	63.46	132402	4.9913 ng/ml
Hydromorphone	1.648	10453	368.42	74.2	146.78	74423	4.9511 ng/ml
Ketamine	4.051	32933	1407.39	35.8	436.47	277784	4.9919 ng/ml
Lamotrigine	4.299	3579	5054.63	80.0	3736.92	277784	4.9832 ng/ml
Meprobamate	4.919	3301	∞	27.9	24.11	32824	5.0927 ng/ml
Methadone	5.658	32484	525.48	57.0	753.04	304323	5.0276 ng/ml
Methamphetamine	3.240	34638	206.08	39.5	∞	284562	4.8469 ng/ml
Metoprolol	4.331	8306	1073.32	99.4	402.96	707669	4.7389 ng/ml
Mirtazapine	4.620	50686	7974.76	50.9	362.73	342125	5.7050 ng/ml
Mitragynine	5.218	6128	11882.76	36.7	1186.97	304323	4.9481 ng/ml
Morphine	1.280	2482	16199.76	21.1	1552.84	6172	4.8882 ng/ml
Norbuprenorphine	5.008	25	51.75	50.8 Low	244.37	2294	0.6020 ng/ml
Nordiazepam	5.905	2906	243.51	56.0	∞	18525	4.9422 ng/ml
Norfentanyl	4.100	5776	2436.13	34.1	41.83	487293	0.5137 ng/ml
Norhydrocodone	3.098	454	57.40	23.2	55.59	39817	5.3637 ng/ml
Noroxycodone	2.942	6947	∞	51.0	114.10	40149	4.9463 ng/ml
O-desmethyl-tramadol	3.388	83424	855.63	6.6	92.40	865618	5.0277 ng/ml
Oxycodone	2.860	18196	98.47	30.6	252.34	160251	4.9911 ng/ml
Oxymorphone	1.437	5807	191.05	47.6	247.32	41497	4.9246 ng/ml
Phentermine	3.790	12909	152.47	3.0	394.51	282095	4.9068 ng/ml
Promethazine	5.545	40949	2906.53	30.5	564.94	362893	4.9552 ng/ml
Quetiapine	5.534	35506	1193.47	54.9	1413.23	93037	5.0832 ng/ml
Sertraline	5.788	12898	812.10	87.3	337.18	106925	5.0432 ng/ml
Temazepam	5.822	8142	39.60	34.5	5.07 Low	80741	5.1174 ng/ml
Tramadol	4.258	76456	6074.89	3.4	42.92	707669	4.9667 ng/ml
Trazodone	5.089	33605	∞	74.7	9077.53	275962	5.1021 ng/ml
Venlafaxine	5.052	51946	915.17	34.7	∞	531204	5.0099 ng/ml
Zolpidem	4.862	69252	6552.45	32.8	1635.06	631109	5.0120 ng/ml

AM #28 Multi-Drug Quant. Results



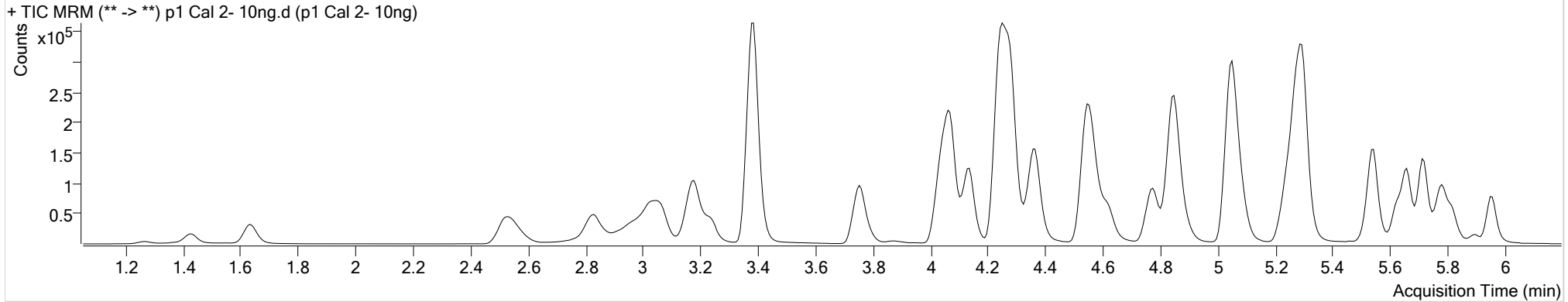
Batch results
Calibration Last Update

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8/28/2019 8:00:35 AM

Instrument Falco
Type Cal
Acq. Method MDQ P1 Combined 082219.m
Sample Position P2-G12
Injection Volume 1
Acq. Date-Time 8/27/2019 1:57:20 PM
Sample Info.

Data File p1 Cal 2- 10ng.d
Sample p1 Cal 2- 10ng
Operator
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.156	1301	6697.30	81.7	∞	32034	0.9964 ng/ml
7-aminoclonazepam	4.269	17679	164.21	78.0	33542.31	74471	10.2154 ng/ml
a-hydroxyalprazolam	5.697	1130	44.50	88.6	2300.50	7575	9.7982 ng/ml
alpha-PVP	4.375	75186	950.13	50.4	1188.14	337579	9.9110 ng/ml
Alprazolam	5.781	29036	326.24	104.4	399.79	92591	10.0954 ng/ml
Amphetamine	3.060	102589	918.16	53.8	1547.90	118970	10.5895 ng/ml
Benzoylcegonine	3.899	2379	112.61	6.4	66.62	7943	9.7058 ng/ml
Buprenorphine	5.730	632	516.69	15.5	91.16	20488	1.1322 ng/ml
Bupropion	4.790	61940	11857.87	59.8	1678.31	207117	10.0074 ng/ml
Carisoprodol	5.723	23807	2096.94	54.8	107.41	115617	9.7585 ng/ml
Citalopram	5.233	34027	1596.91	42.4	1058.43	158125	9.8517 ng/ml
Clonazepam	5.611	4846	382.01	27.9	5801.85	8883	9.5626 ng/ml
Cocaine	4.275	69637	45328.47	48.3	673.84	596073	9.7038 ng/ml
Codeine	2.583	8799	724.75	109.7	6527.15	41007	9.9778 ng/ml
Cyclobenzaprine	5.627	23384	472.88	11.6	1997.98	114869	9.5410 ng/ml
Dextromethorphan	5.276	21738	1284.59	82.5	545.57	98412	10.1047 ng/ml
Dextrorphan	4.138	20183	∞	214.7	3072.36	266927	9.7611 ng/ml
Diazepam	5.958	27645	324.17	88.8	307.29	133791	9.7988 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.555	24550	2345.24	67.7	13878.49	138683	10.1256 ng/ml
Diphenhydramine	5.303	91574	4190.63	31.2	1313.03	597060	9.9073 ng/ml
Doxylamine	4.564	148742	49469.35	96.9	2675.72	626632	9.9162 ng/ml
EDDP	5.268	53775	3077.48	41.3	9409.28	296350	9.7406 ng/ml
Fentanyl	5.090	2145	375.67	86.2	5940.32	134286	0.9307 ng/ml
Fluoxetine	5.719	32289	286.60	8.7	5459.25	127670	10.0047 ng/ml
Hydrocodone	3.044	21626	124.02	37.4	125.54	137843	9.9527 ng/ml
Hydromorphone	1.641	19595	∞	73.4	406.84	70676	10.1524 ng/ml
Ketamine	4.051	65141	9942.98	37.5	369.58	287348	9.8953 ng/ml
Lamotrigine	4.299	6530	312.64	83.7	309.12	287348	9.6555 ng/ml
Lorazepam	5.752	1204	57.43	52.5	3.31 Low	8883	8.9733 ng/ml
Meprobamate	4.919	6461	307.28	29.0	77.99	33382	9.8918 ng/ml
Methadone	5.658	39864	∞	59.4	811.49	195099	9.8227 ng/ml
Methamphetamine	3.240	75051	375.37	40.7	118.26	320541	10.3267 ng/ml
Metoprolol	4.331	17055	90808.51	91.1	795.04	736452	10.3959 ng/ml
Mirtazapine	4.620	80715	∞	51.2	413.42	337579	8.8114 ng/ml
Mitragynine	5.218	7179	13764.38	35.5	10763.11	195099	9.6738 ng/ml
Morphine	1.273	4557	342.20	20.9	∞	5726	10.2915 ng/ml
Norbuprenorphine	4.994	23	95.28	252.8 High	226.44	1567	0.7829 ng/ml
Nordiazepam	5.905	5746	∞	53.4	217.77	17980	10.2267 ng/ml
Norfentanyl	4.093	11313	920.62	36.4	185.61	512264	0.9651 ng/ml
Norhydrocodone	3.092	965	162.78	22.5	35.80	41823	9.2032 ng/ml
Noroxycodone	2.935	14499	116.86	48.5	68.77	42897	10.0355 ng/ml
O-desmethyl-tramadol	3.388	168992	1931.62	6.6	421.82	907677	9.9514 ng/ml
Oxazepam	5.755	1235	3.99 Low	78.4	5.38 Low	7978	5.3804 ng/ml
Oxycodone	2.853	35491	98.86	30.1	76.28	164382	10.0694 ng/ml
Oxymorphone	1.430	11423	∞	47.0	204.35	41482	10.0935 ng/ml
Phentermine	3.790	25384	188.95	2.8	25.84	289590	10.0428 ng/ml
Promethazine	5.545	50036	514.41	30.3	2996.86	221327	10.1657 ng/ml
Quetiapine	5.534	54215	15480.57	57.1	2536.94	74612	9.7605 ng/ml
Sertraline	5.788	15058	359.27	89.6	157.28	65184	9.8573 ng/ml
Temazepam	5.822	15053	178.66	34.8	6.56 Low	81113	9.7310 ng/ml
Tramadol	4.251	148293	1357.01	3.5	288.59	736452	9.9823 ng/ml
Trazodone	5.089	46302	∞	74.9	939.01	197008	9.7812 ng/ml
Venlafaxine	5.052	96465	1811.82	34.6	488.61	506608	9.9730 ng/ml
Zolpidem	4.862	134291	13364.32	32.5	505.66	632716	9.9064 ng/ml

AM #28 Multi-Drug Quant. Results



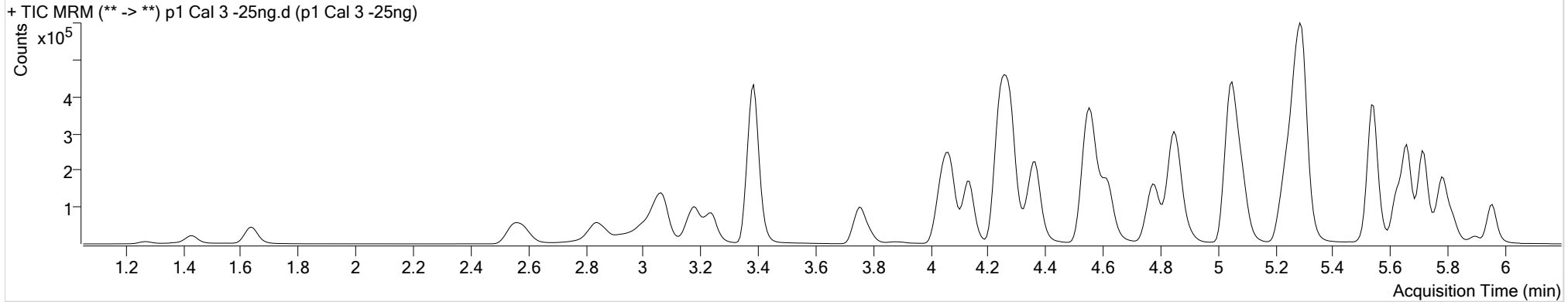
Batch results
Calibration Last Update

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8/28/2019 8:00:35 AM

Instrument Falco
Type Cal
Acq. Method MDQ P1 Combined 082219.m
Sample Position P2-F12
Injection Volume 1
Acq. Date-Time 8/27/2019 2:07:48 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.162	3092	15743.17	77.0	8013.99	30685	2.3798 ng/ml
7-aminoclonazepam	4.269	40596	2582.27	81.0	∞	70224	26.1073 ng/ml
a-hydroxyalprazolam	5.697	2693	13823.33	80.9	61.74	6746	26.4758 ng/ml
alpha-PVP	4.369	196419	3417.67	49.5	3633.28	352860	24.8242 ng/ml
Alprazolam	5.781	66246	1250.26	108.9	1309.21	88964	23.9663 ng/ml
Amphetamine	3.067	244383	2207.88	53.8	3258.71	115064	27.1940 ng/ml
Benzoylcegonine	3.899	4704	40.47	7.6	39.18	7811	24.8119 ng/ml
Buprenorphine	5.723	2236	257.96	15.4	566.86	35368	2.4829 ng/ml
Bupropion	4.790	189259	45650.50	59.4	5430.31	255222	25.1886 ng/ml
Carisoprodol	5.730	54412	1110.79	58.0	151.36	104446	25.0318 ng/ml
Citalopram	5.233	130881	2494.53	41.4	1582.30	238388	25.2764 ng/ml
Clonazepam	5.611	10784	217.21	31.3	109.67	8000	24.6904 ng/ml
Cocaine	4.275	168817	773842.24	48.3	382.88	576203	24.3677 ng/ml
Codeine	2.604	20347	∞	108.3	3675.44	38507	24.8028 ng/ml
Cyclobenzaprine	5.627	104737	∞	10.3	2038.56	195974	25.1187 ng/ml
Dextromethorphan	5.276	81412	1095.52	84.2	10929.27	152591	24.7673 ng/ml
Dextrorphan	4.138	55083	9830.57	209.6	5626.71	290487	24.7788 ng/ml
Diazepam	5.958	68010	971.75	88.7	3648.66	129981	25.0497 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.582	57582	∞	67.7	5188.82	131105	26.1920 ng/ml
Diphenhydramine	5.297	334542	20604.71	31.1	6707.16	872243	25.1929 ng/ml
Doxylamine	4.558	400239	13925.13	94.6	9835.11	690129	24.6190 ng/ml
EDDP	5.268	168776	6946.76	42.3	9594.93	375166	24.5419 ng/ml
Fentanyl	5.083	10027	919.65	76.6	∞	233419	2.5018 ng/ml
Fluoxetine	5.719	145896	4369.16	8.1	∞	229351	25.5481 ng/ml
Hydrocodone	3.051	52558	367.53	36.5	506.39	134640	25.1354 ng/ml
Hydromorphone	1.648	47267	500.68	74.5	931.69	70716	25.0238 ng/ml
Ketamine	4.051	156815	11563.76	37.3	1197.08	274653	25.5046 ng/ml
Lamotrigine	4.299	15941	8344.62	83.9	29932.16	274653	26.4253 ng/ml
Lorazepam	5.752	2570	39.24	49.4	7.42 Low	8000	24.7640 ng/ml
Meprobamate	4.913	14938	1141.15	26.4	124.88	32305	23.7695 ng/ml
Methadone	5.658	164153	5764.93	58.7	1257.20	318310	25.1237 ng/ml
Methamphetamine	3.240	166666	1424.96	42.4	519.37	301485	25.8614 ng/ml
Metoprolol	4.331	42331	1141.95	92.7	1461.06	723373	27.9107 ng/ml
Mirtazapine	4.620	254888	13829.90	52.2	28041.87	352860	25.3171 ng/ml
Mitragynine	5.218	31236	41851.43	34.4	44781.45	318310	27.0717 ng/ml
Morphine	1.273	10574	∞	20.1	2534.75	5531	25.6080 ng/ml
Norbuprenorphine	4.994	119	244.28	98.0	565.04	2509	2.3502 ng/ml
Nordiazepam	5.905	13486	369.79	56.1	250.82	17355	25.0884 ng/ml
Norfentanyl	4.093	27601	1121.96	35.8	2982.31	499840	2.4273 ng/ml
Norhydrocodone	3.092	2482	270.50	20.7	237.33	41262	21.3806 ng/ml
Noroxycodone	2.942	33554	222.27	48.7	102.65	39627	25.7298 ng/ml
O-desmethyl-tramadol	3.388	392101	36816.78	6.6	660.61	863443	24.6409 ng/ml
Oxazepam	5.755	3346	13.10	58.8	8.06 Low	7462	25.1220 ng/ml
Oxycodone	2.860	84879	265.82	30.4	∞	164556	24.9481 ng/ml
Oxymorphone	1.430	26913	608.51	46.8	217.82	38737	26.0992 ng/ml
Phentermine	3.790	64046	527.46	2.6	51.87	291468	26.2348 ng/ml
Promethazine	5.545	216855	2155.03	31.7	648.84	399670	24.7309 ng/ml
Quetiapine	5.534	174847	30579.35	55.1	1071.43	97058	24.3331 ng/ml
Sertraline	5.788	64179	1026.30	91.1	3598.32	112182	24.7352 ng/ml
Temazepam	5.822	34409	86.45	29.3	105.36	77644	23.7549 ng/ml
Tramadol	4.251	355029	2030.99	3.3	154.29	723373	25.5382 ng/ml
Trazodone	5.089	168939	37776.50	74.7	517447.27	289817	24.1542 ng/ml
Venlafaxine	5.045	260571	8078.67	34.7	1531.23	554842	24.9345 ng/ml
Zolpidem	4.862	327175	30322.29	32.6	1346.05	619930	24.9701 ng/ml

AM #28 Multi-Drug Quant. Results



Batch results

D:\MassHunter\Data\2019\AM 28\082719 MDQ SP\QuantResults\MDQ.batch.bin

Calibration Last Update

8/28/2019 8:00:35 AM

Instrument

Falco

Data File

p1 Cal 4-50ng.d

Type

Cal

Sample

p1 Cal 4-50ng

Acq. Method

MDQ P1 Combined 082219.m

Operator

Sample Position

P2-E12

Comment

Injection Volume

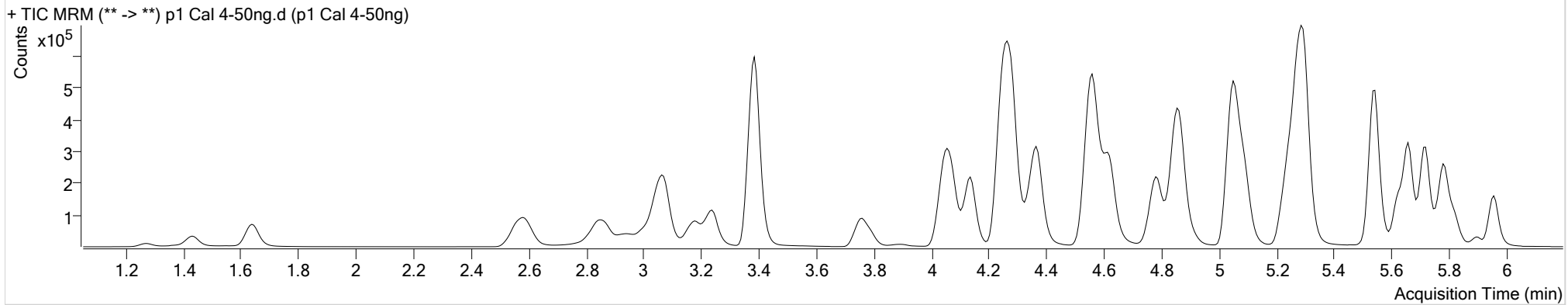
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Acq. Date-Time

8/27/2019 2:18:16 PM

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.162	6622	1897.02	72.9	369.77	31423	4.9085 ng/ml
7-aminoclonazepam	4.269	81092	199.73	80.3	∞	70501	52.7938 ng/ml
a-hydroxyalprazolam	5.697	5511	152.98	79.8	144.56	7533	48.6452 ng/ml
alpha-PVP	4.375	377184	39029.62	49.5	2271.40	332551	50.6181 ng/ml
Alprazolam	5.781	135192	1300.61	110.8	2336.06	89881	48.4066 ng/ml
Amphetamine	3.074	413010	∞	53.6	13552.82	98115	54.6436 ng/ml
Benzoylcegonine	3.899	8718	433.94	7.9	98.01	7886	49.9168 ng/ml
Buprenorphine	5.723	4143	1591.93	18.1	866.84	30309	5.5478 ng/ml
Bupropion	4.790	324342	31907.95	59.9	2523.37	218460	50.6842 ng/ml
Carisoprodol	5.730	113435	24460.27	58.0	403.67	109589	49.9572 ng/ml
Citalopram	5.240	223631	6262.51	42.0	10049.86	201621	51.1575 ng/ml
Clonazepam	5.611	23099	2394.05	31.3	∞	8227	52.2066 ng/ml
Cocaine	4.275	344415	856128.97	47.1	52117.89	568016	50.4538 ng/ml
Codeine	2.610	42115	1442.04	107.2	13535.59	38966	50.8979 ng/ml
Cyclobenzaprine	5.627	171034	∞	10.6	818.32	158758	50.6782 ng/ml
Dextromethorphan	5.276	137263	14433.72	82.2	72672.39	124334	51.5210 ng/ml
Dextrorphan	4.138	104281	4486.71	209.6	28888.83	270159	50.6453 ng/ml
Diazepam	5.958	137917	2472.50	88.8	496.25	129235	51.2522 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.582	119422	∞	67.9	27668.18	134563	53.6627 ng/ml
Diphenhydramine	5.303	559712	541.80	31.6	6416.86	731737	50.5197 ng/ml
Doxylamine	4.558	744542	25672.32	97.4	45789.73	632739	50.2300 ng/ml
EDDP	5.268	307099	18866.75	42.0	62907.71	327152	51.4980 ng/ml
Fentanyl	5.083	16440	412.60	78.6	678.83	190258	5.0317 ng/ml
Fluoxetine	5.719	237918	1073.95	8.1	∞	186165	51.5827 ng/ml
Hydrocodone	3.051	109182	153.60	36.8	138.58	136149	51.9004 ng/ml
Hydromorphone	1.648	93775	1517.62	76.0	1536.19	68817	51.4193 ng/ml
Ketamine	4.051	316870	22671.55	37.7	1391.89	278633	51.1808 ng/ml
Lamotrigine	4.299	32792	∞	78.3	770.95	278633	54.7487 ng/ml
Lorazepam	5.752	5280	49.80	49.1	36.09	8227	52.0292 ng/ml
Meprobamate	4.919	31051	748.00	27.9	1501.96	32725	48.8765 ng/ml
Methadone	5.658	279678	18267.33	58.1	6296.72	267813	51.0990 ng/ml
Methamphetamine	3.240	246454	1249.29	40.9	3839.30	223557	52.6530 ng/ml
Metoprolol	4.338	81101	2425.52	93.2	1498.18	725396	54.3018 ng/ml
Mirtazapine	4.620	445012	18496.80	51.5	14716.70	332551	46.3509 ng/ml
Mitragynine	5.218	52063	882.18	36.3	121436.48	267813	54.3783 ng/ml
Morphine	1.273	21164	992.70	20.8	∞	5616	51.0905 ng/ml
Norbuprenorphine	5.001	255	746.25	61.2 Low	765.18	2154	5.7843 ng/ml
Nordiazepam	5.905	28039	796.84	55.7	572.61	18233	49.7981 ng/ml
Norfentanyl	4.093	51000	4744.20	36.8	556.56	466413	4.8156 ng/ml
Norhydrocodone	3.092	5782	165.68	22.3	94.70	41562	47.3192 ng/ml
Noroxycodone	2.942	68346	∞	47.4	146.41	40658	51.4670 ng/ml
O-desmethyl-tramadol	3.388	825715	33798.72	6.5	1016.85	897099	50.2068 ng/ml
Oxazepam	5.755	6037	72.02	70.2	9.77 Low	7462	49.3771 ng/ml
Oxycodone	2.860	175618	296.29	30.2	71.01	173438	49.5939 ng/ml
Oxymorphone	1.430	52934	315.04	48.7	749.94	40299	49.7149 ng/ml
Phentermine	3.790	107647	742.45	2.7	135.30	245282	53.0991 ng/ml
Promethazine	5.545	359399	2236.60	31.4	1457.69	317579	51.8396 ng/ml
Quetiapine	5.534	312753	1917.25	55.3	1300.25	82911	51.0515 ng/ml
Sertraline	5.788	102380	∞	90.9	8716.35	88203	50.4101 ng/ml
Temazepam	5.822	73352	181.47	32.1	227.38	79201	50.0522 ng/ml
Tramadol	4.258	707252	21170.99	3.4	1106.50	725396	51.5614 ng/ml
Trazodone	5.089	287256	924.00	75.9	1170.23	240699	49.3775 ng/ml
Venlafaxine	5.052	490354	∞	34.7	2739.68	522861	50.0223 ng/ml
Zolpidem	4.862	676902	51393.08	31.9	4086.38	625768	51.4175 ng/ml

AM #28 Multi-Drug Quant. Results



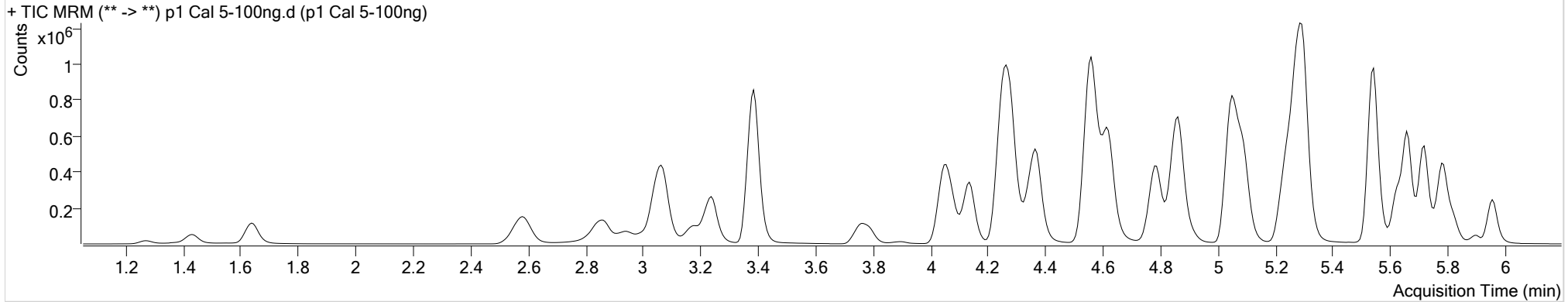
Batch results
Calibration Last Update

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Instrument Falco
Type Cal
Acq. Method MDQ P1 Combined 082219.m
Sample Position P2-D12
Injection Volume 1
Acq. Date-Time 8/27/2019 2:28:42 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.156	12885	1446.06	71.6	19624.24	31071	9.5978 ng/ml
7-aminoclonazepam	4.269	147404	1915.33	81.3	6620.98	66414	102.6684 ng/ml
a-hydroxyalprazolam	5.697	10810	153.83	72.4	163.42	7054	102.0542 ng/ml
alpha-PVP	4.375	766514	21366.62	49.3	16399.18	343937	99.4954 ng/ml
Alprazolam	5.781	247618	904.79	109.3	926.08	82997	96.0120 ng/ml
Amphetamine	3.067	851414	12284.33	53.8	9410.62	106730	104.2349 ng/ml
Benzoylcegonine	3.899	16318	4887.88	7.9	∞	7950	97.1611 ng/ml
Buprenorphine	5.730	8592	357.79	17.5	180.57	36463	9.6756 ng/ml
Bupropion	4.790	734660	117110.27	59.5	12161.93	248900	101.0128 ng/ml
Carisoprodol	5.730	207809	621.78	57.6	1898.46	99601	100.9258 ng/ml
Citalopram	5.233	521116	24204.46	41.6	1254.36	239345	100.5082 ng/ml
Clonazepam	5.611	44243	2009.41	31.6	840.06	8331	99.3909 ng/ml
Cocaine	4.275	660317	44074.05	48.2	36554.51	559779	98.1744 ng/ml
Codeine	2.604	80473	849.77	104.7	3967.16	37304	101.7462 ng/ml
Cyclobenzaprine	5.627	414751	4180.66	10.7	380.01	195513	99.8314 ng/ml
Dextromethorphan	5.276	327045	28582.32	81.2	1888.44	154074	99.2957 ng/ml
Dextrorphan	4.138	210818	71493.61	212.1	35585.58	281399	98.4832 ng/ml
Diazepam	5.958	254038	2890.01	88.5	6430.77	123546	98.8955 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.582	225347	48653.58	68.4	37865.56	131780	104.0687 ng/ml
Diphenhydramine	5.303	1318566	108371.34	31.7	1123.47	884845	98.6846 ng/ml
Doxylamine	4.558	1569657	∞	99.6	57477.34	684782	98.1046 ng/ml
EDDP	5.268	622383	1398.47	41.5	791.81	341795	100.1466 ng/ml
Fentanyl	5.083	41158	6796.23	77.3	∞	239654	10.0004 ng/ml
Fluoxetine	5.719	558232	608.99	8.4	421.38	222906	101.3238 ng/ml
Hydrocodone	3.044	202541	492.84	39.2	578.78	133014	98.7733 ng/ml
Hydromorphone	1.641	179210	∞	76.5	794.91	68625	98.8970 ng/ml
Ketamine	4.051	618770	40334.97	37.1	∞	276156	101.2122 ng/ml
Lamotrigine	4.299	60305	4596.05	84.4	9487.25	276156	102.5573 ng/ml
Lorazepam	5.752	9578	84.15	47.0	49.31	8331	95.2310 ng/ml
Meprobamate	4.919	59479	66376.14	26.4	322.68	32028	95.7556 ng/ml
Methadone	5.658	661585	116558.14	58.9	22794.89	320968	101.0698 ng/ml
Methamphetamine	3.240	596110	10130.04	39.9	2653.72	268927	106.9667 ng/ml
Metoprolol	4.338	160615	34607.49	96.0	1244.68	730100	107.8882 ng/ml
Mirtazapine	4.620	1038901	52392.04	51.7	71848.38	343937	103.8156 ng/ml
Mitragynine	5.218	122643	205352.83	36.2	66866.31	320968	107.6211 ng/ml
Morphine	1.273	40729	7274.56	19.3	3304.60	5420	102.5067 ng/ml
Norbuprenorphine	5.001	498	1329.85	85.3	1648.04	2623	9.2395 ng/ml
Nordiazepam	5.905	52126	∞	56.9	781.46	17082	98.9673 ng/ml
Norfentanyl	4.093	104997	7824.69	35.1	274.41	470455	9.8386 ng/ml
Norhydrocodone	3.092	12325	1375.68	23.1	86.36	42870	96.0631 ng/ml
Noroxycodone	2.942	132753	∞	46.5	∞	39921	102.1976 ng/ml
O-desmethyl-tramadol	3.388	1579733	132309.69	6.6	5650.61	878470	98.3354 ng/ml
Oxazepam	5.755	11491	129.97	74.6	56.66	7266	101.3124 ng/ml
Oxycodone	2.860	328791	∞	31.0	268.55	167809	96.5643 ng/ml
Oxymorphone	1.430	102790	∞	47.2	∞	37139	105.2142 ng/ml
Phentermine	3.790	228291	∞	2.6	326.08	270237	102.8602 ng/ml
Promethazine	5.545	845308	5793.74	31.7	15419.14	389956	99.5143 ng/ml
Quetiapine	5.534	687054	123853.63	56.1	652136.14	97735	95.2173 ng/ml
Sertraline	5.788	232674	∞	92.5	15495.39	103459	97.8757 ng/ml
Temazepam	5.822	136116	457.74	31.7	466.10	74935	98.5253 ng/ml
Tramadol	4.258	1373966	28711.86	3.5	704.09	730100	100.3033 ng/ml
Trazodone	5.089	682884	∞	75.8	∞	295040	95.6969 ng/ml
Venlafaxine	5.052	1033649	105822.82	34.7	8695.37	554073	99.7329 ng/ml
Zolpidem	4.862	1308604	117563.61	32.2	23224.19	627052	99.4090 ng/ml

AM #28 Multi-Drug Quant. Results



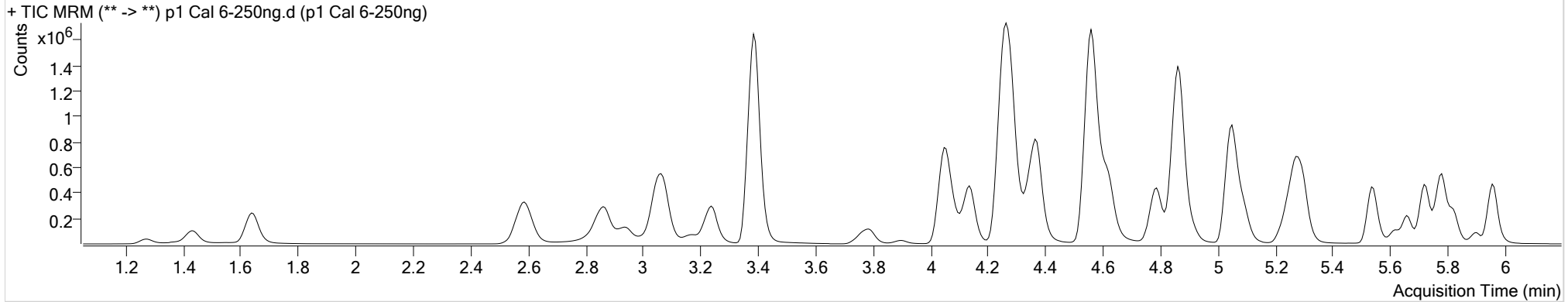
Batch results
Calibration Last Update

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8/28/2019 8:00:35 AM

Instrument Falco
Type Cal
Acq. Method MDQ P1 Combined 082219.m
Sample Position P2-C12
Injection Volume 1
Acq. Date-Time 8/27/2019 2:39:09 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.162	30099	1234.39	72.2	5608.86	28548	24.3052 ng/ml
7-aminoclonazepam	4.269	267168	7680.17	78.8	8308.21	48446	256.3745 ng/ml
a-hydroxyalprazolam	5.697	26184	221.38	74.1	859.36	6788	257.1271 ng/ml
alpha-PVP	4.375	1367913	60938.14	50.1	27763.16	245714	248.5892 ng/ml
Alprazolam	5.781	592503	4194.48	107.9	8084.39	77321	246.5950 ng/ml
Amphetamine	3.074	967442	3433.60	52.0	10299.86	50741	250.1829 ng/ml
Benzoylcegonine	3.899	40596	5999.85	7.3	∞	7900	251.1077 ng/ml
Buprenorphine	5.730	4235	397.23	13.2	1592.47	6869	25.5677 ng/ml
Bupropion	4.790	800476	44551.73	59.6	20364.25	111403	246.2679 ng/ml
Carisoprodol	5.730	539818	∞	57.6	331.57	104447	250.3394 ng/ml
Citalopram	5.233	301442	1251.56	41.9	2076.58	56359	247.0376 ng/ml
Clonazepam	5.611	106468	4299.02	31.9	∞	7832	255.5560 ng/ml
Cocaine	4.275	1391246	147021.60	48.2	40020.50	462694	250.2818 ng/ml
Codeine	2.610	178928	20387.71	104.6	25066.69	34061	247.9999 ng/ml
Cyclobenzaprine	5.627	94213	3174.90	10.8	154.48	17326	255.9601 ng/ml
Dextromethorphan	5.276	138145	1815.05	81.3	17035.98	25757	251.2831 ng/ml
Dextrorphan	4.138	345275	13624.85	208.7	55602.69	182353	249.2059 ng/ml
Diazepam	5.958	570793	7795.54	88.3	9213.16	107385	255.8933 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.582	511679	108802.45	70.2	39858.59	126316	247.5109 ng/ml
Diphenhydramine	5.303	722275	21441.74	31.2	13342.25	192148	249.3570 ng/ml
Doxylamine	4.558	2800862	44595.68	97.0	32264.06	481141	249.5644 ng/ml
EDDP	5.268	726411	127566.77	41.9	1422.58	160302	249.6181 ng/ml
Fentanyl	5.083	10668	1455.65	80.9	15381.72	25555	24.3079 ng/ml
Fluoxetine	5.719	105084	519.56	8.1	11559.17	17262	246.6653 ng/ml
Hydrocodone	3.044	454799	∞	39.0	557.14	117160	252.1912 ng/ml
Hydromorphone	1.641	421936	1081.09	76.6	3695.87	65195	245.6703 ng/ml
Ketamine	4.051	1361247	1990.09	37.7	11917.76	245030	251.5112 ng/ml
Lamotrigine	4.299	126992	1331.06	84.2	4279.10	245030	244.9616 ng/ml
Lorazepam	5.752	23643	∞	48.0	124.60	7832	254.2185 ng/ml
Meprobamate	4.919	149004	17673.41	26.7	539.98	29897	257.1401 ng/ml
Methadone	5.658	274230	30620.90	58.6	23381.57	54952	245.0051 ng/ml
Methamphetamine	3.240	676934	8934.31	41.5	4768.20	134912	243.5048 ng/ml
Metoprolol	4.338	287974	438652.68	94.2	∞	612248	231.8956 ng/ml
Mirtazapine	4.620	770824	50362.60	52.2	19755.67	245714	107.7932 ng/ml
Mitragynine	5.218	44403	78746.03	36.1	419.59	54952	228.4380 ng/ml
Morphine	1.273	94972	17084.73	19.3	3222.76	5160	251.9700 ng/ml
Norbuprenorphine	5.001	290	966.35	85.0	317.80	544	25.7730 ng/ml
Nordiazepam	5.905	119748	∞	55.7	4471.97	15107	257.3151 ng/ml
Norfentanyl	4.100	208717	2094.45	35.3	2407.26	372107	24.7409 ng/ml
Norhydrocodone	3.092	29349	201.73	25.7	1029.11	35493	273.2591 ng/ml
Noroxycodone	2.942	277079	∞	48.5	392.70	35098	243.1538 ng/ml
O-desmethyl-tramadol	3.388	3865955	295889.76	6.6	18407.20	846498	250.1317 ng/ml
Oxazepam	5.755	26502	590.80	70.6	153.25	7146	244.3602 ng/ml
Oxycodone	2.860	825754	∞	29.6	437.89	152037	268.8163 ng/ml
Oxymorphone	1.430	230066	∞	47.3	∞	34757	252.2045 ng/ml
Phentermine	3.790	314067	1841.69	2.6	294.91	155766	246.4772 ng/ml
Promethazine	5.545	192636	3402.47	31.5	831.90	36803	240.6298 ng/ml
Quetiapine	5.534	567058	25441.28	55.6	4539.06	29730	258.5049 ng/ml
Sertraline	5.788	39302	662.36	90.1	547.24	6708	255.3493 ng/ml
Temazepam	5.822	339200	674.89	30.1	511.01	72738	253.5255 ng/ml
Tramadol	4.258	2920477	221766.22	3.5	2483.42	612248	255.5314 ng/ml
Trazodone	5.089	384761	879.74	75.6	2164.92	62670	253.7247 ng/ml
Venlafaxine	5.052	1697729	59194.94	34.7	12263.22	364323	249.4677 ng/ml
Zolpidem	4.862	2982798	∞	31.8	63918.10	565719	251.5025 ng/ml

AM #28 Multi-Drug Quant. Results



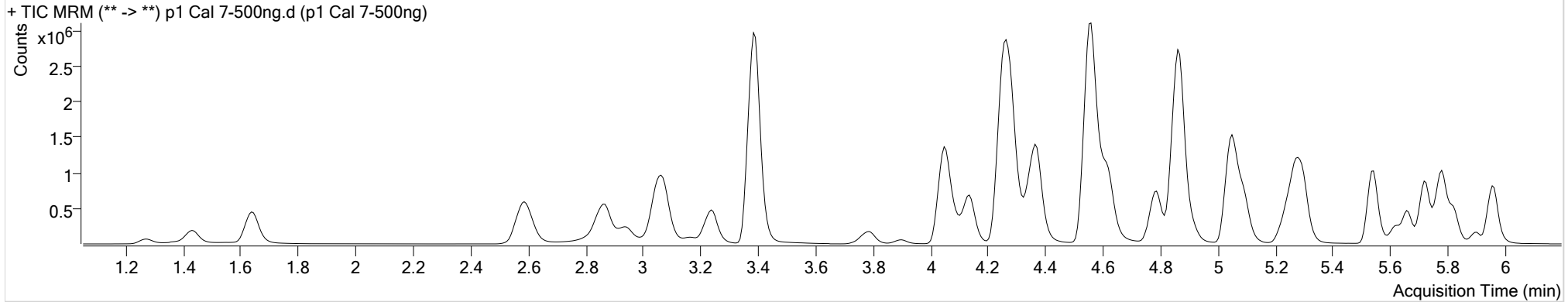
Batch results
Calibration Last Update

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8/28/2019 8:00:35 AM

Instrument Falco
Type Cal
Acq. Method MDQ P1 Combined 082219.m
Sample Position P2-B12
Injection Volume 1
Acq. Date-Time 8/27/2019 2:49:37 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.162	60482	18610.42	71.9	6024.87	27973	49.7788 ng/ml
7-aminoclonazepam	4.269	494245	36618.77	79.5	10831.96	48238	477.0569 ng/ml
a-hydroxyalprazolam	5.697	54374	∞	74.1	1469.52	7711	470.1706 ng/ml
alpha-PVP	4.375	2467547	∞	49.9	∞	220055	500.7486 ng/ml
Alprazolam	5.781	1145387	∞	106.0	∞	70811	520.5269 ng/ml
Amphetamine	3.074	1687369	18354.77	52.4	15184.18	47678	465.0484 ng/ml
Benzoylcegonine	3.899	90863	11904.05	7.5	∞	8814	509.0218 ng/ml
Buprenorphine	5.730	6698	471.98	16.1	1715.17	6568	42.3905 ng/ml
Bupropion	4.790	1404629	121979.38	59.5	30524.99	97165	495.7114 ng/ml
Carisoprodol	5.730	1024567	38101.72	56.9	20745.36	98271	505.2275 ng/ml
Citalopram	5.233	612614	8303.32	40.7	20382.30	56924	497.1611 ng/ml
Clonazepam	5.611	229821	29516.18	31.7	320978.31	8552	505.8676 ng/ml
Cocaine	4.275	2562978	173178.70	48.0	73465.21	419317	508.7930 ng/ml
Codeine	2.610	330729	564.58	103.3	36738.40	31494	495.9182 ng/ml
Cyclobenzaprine	5.627	276397	3793.88	10.9	3182.34	27036	481.2866 ng/ml
Dextromethorphan	5.276	304523	15497.15	80.9	23086.98	28631	498.5646 ng/ml
Dextrorphan	4.138	562283	563175.83	208.2	86761.85	147279	502.6838 ng/ml
Diazepam	5.958	1087852	7234.33	87.7	842.99	105836	494.9768 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.582	1004737	72309.30	68.8	48143.25	128365	478.9283 ng/ml
Diphenhydramine	5.303	1461116	32476.47	31.8	916.25	196419	493.7369 ng/ml
Doxylamine	4.558	5306024	55363.54	96.7	36301.09	453049	502.3711 ng/ml
EDDP	5.268	1275744	4454.27	42.3	61019.11	141007	498.6407 ng/ml
Fentanyl	5.083	29958	10862.62	73.5	∞	33659	51.8250 ng/ml
Fluoxetine	5.719	318686	6660.01	8.6	92328.09	26759	482.7962 ng/ml
Hydrocodone	3.051	876637	∞	40.0	∞	118176	482.1560 ng/ml
Hydromorphone	1.641	851793	5697.03	75.0	3573.50	63887	506.5173 ng/ml
Ketamine	4.051	2729585	120481.62	37.2	9139.37	248899	496.8647 ng/ml
Lamotrigine	4.299	231337	11285.45	85.5	8157.10	248899	440.2000 ng/ml
Lorazepam	5.752	49306	636.19	50.4	145.04	8552	487.8153 ng/ml
Meprobamate	4.919	305686	43921.37	27.0	∞	30764	512.7628 ng/ml
Methadone	5.658	616884	134945.00	58.1	9643.30	60090	504.2496 ng/ml
Methamphetamine	3.240	1105973	9095.67	41.3	3102.94	112122	479.7554 ng/ml
Metoprolol	4.338	465207	∞	96.3	∞	571872	401.8476 ng/ml
Mirtazapine	4.620	1592452	167590.81	51.7	26103.37	220055	247.8149 ng/ml
Mitragynine	5.218	103154	11420.86	35.3	136989.19	60090	486.1736 ng/ml
Morphine	1.273	180148	1533.66	19.2	6615.70	5179	476.7468 ng/ml
Norbuprenorphine	5.001	576	2591.96	89.9	∞	588	47.4092 ng/ml
Nordiazepam	5.905	233754	1178.58	57.0	1153.06	15179	500.0785 ng/ml
Norfentanyl	4.093	407546	44163.46	35.6	3524.56	352670	50.9820 ng/ml
Norhydrocodone	3.098	57904	2248.11	26.6	523.09	33127	575.8278 ng/ml
Noroxycodone	2.942	543879	∞	46.7	∞	34351	488.0532 ng/ml
O-desmethyl-tramadol	3.388	7772761	99389.67	6.6	17597.21	845511	503.7529 ng/ml
Oxazepam	5.755	56131	313.07	71.9	273.27	7504	497.9625 ng/ml
Oxycodone	2.867	1633392	245.73	30.7	231.75	164218	492.8278 ng/ml
Oxymorphone	1.430	454081	∞	47.1	∞	35540	487.2031 ng/ml
Phentermine	3.790	512230	4781.14	2.7	199.03	129921	482.6323 ng/ml
Promethazine	5.545	586414	10702.62	31.6	3049.97	52826	510.5921 ng/ml
Quetiapine	5.534	1250207	193891.47	56.5	30539.68	32997	513.6033 ng/ml
Sertraline	5.788	117497	∞	94.0	11504.91	9516	538.3662 ng/ml
Temazepam	5.822	704957	11686.39	30.5	781.11	76571	500.8855 ng/ml
Tramadol	4.251	5198519	453912.40	3.6	1825.68	571872	487.7270 ng/ml
Trazodone	5.089	982312	2653.45	76.7	∞	81041	500.8630 ng/ml
Venlafaxine	5.052	3004578	185175.85	34.9	12026.09	322735	498.6210 ng/ml
Zolpidem	4.862	6254542	743312.11	31.4	214055.27	601691	496.0601 ng/ml

AM #28 Multi-Drug Quant. Results



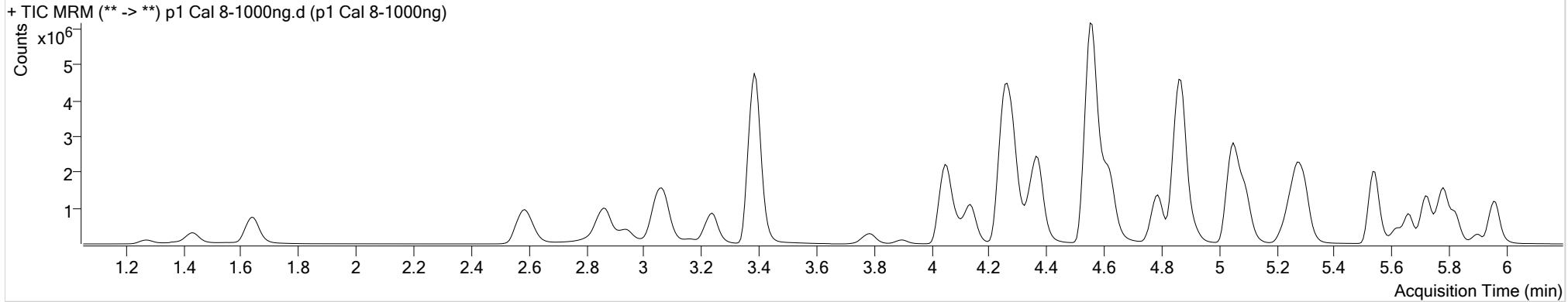
Batch results
Calibration Last Update

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8/28/2019 8:00:35 AM

Instrument Falco
Type Cal
Acq. Method MDQ P1 Combined 082219.m
Sample Position P2-A12
Injection Volume 1
Acq. Date-Time 8/27/2019 3:00:05 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.162	108328	16257.75	71.8	∞	24563	101.4696 ng/ml
7-aminoclonazepam	4.269	682892	25022.06	76.7	15961.81	35434	898.0853 ng/ml
a-hydroxyalprazolam	5.697	102445	∞	74.3	1284.70	6839	998.8566 ng/ml
alpha-PVP	4.375	4521132	379365.78	50.5	70675.23	200337	1007.8282 ng/ml
Alprazolam	5.781	1840307	5538.56	105.9	∞	55455	1067.9172 ng/ml
Amphetamine	3.074	2783318	13282.85	51.5	20221.11	43355	844.2095 ng/ml
Benzoylcegonine	3.899	178787	20241.75	7.5	333.32	8639	1027.1253 ng/ml
Buprenorphine	5.730	10105	475.06	15.9	4538.18	5383	78.1631 ng/ml
Bupropion	4.790	2646612	∞	59.4	61590.47	91257	994.7533 ng/ml
Carisoprodol	5.730	1636461	66841.45	57.6	3022.05	80014	991.3075 ng/ml
Citalopram	5.233	1117659	∞	41.4	28455.09	52153	990.0914 ng/ml
Clonazepam	5.611	414102	∞	32.2	∞	8090	964.2674 ng/ml
Cocaine	4.282	4366326	171410.63	48.5	128814.60	354314	1025.8297 ng/ml
Codeine	2.610	552404	19505.44	102.5	1725.70	26340	990.5440 ng/ml
Cyclobenzaprine	5.627	496189	32821.28	10.6	11804.74	22849	1022.3449 ng/ml
Dextromethorphan	5.276	533892	17572.62	81.0	16088.05	25563	979.2320 ng/ml
Dextrorphan	4.138	947495	44114.34	208.4	185383.24	122367	1019.7146 ng/ml
Diazepam	5.958	1699651	11685.93	88.4	∞	83261	983.1829 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.582	1716584	72173.09	68.8	41620.47	116531	901.9821 ng/ml
Diphenhydramine	5.303	2641960	80640.06	31.7	43932.67	172541	1016.6066 ng/ml
Doxylamine	4.551	10799602	109165.45	93.6	∞	451014	1027.3962 ng/ml
EDDP	5.268	2796806	66479.48	42.7	93977.51	153651	1003.4778 ng/ml
Fentanyl	5.090	49424	619.32	77.7	∞	28230	101.9431 ng/ml
Fluoxetine	5.719	494605	7736.33	8.5	∞	20295	988.2367 ng/ml
Hydrocodone	3.044	1636170	∞	38.7	∞	106138	1002.2341 ng/ml
Hydromorphone	1.641	1438241	∞	75.8	∞	55746	980.5186 ng/ml
Ketamine	4.051	4809229	27127.91	37.6	84931.19	227913	956.3836 ng/ml
Lamotrigine	4.299	345921	8886.38	84.9	110454.34	227913	719.5638 ng/ml
Lorazepam	5.752	97640	700.25	49.2	328.31	8090	1024.0406 ng/ml
Meprobamate	4.919	537831	22749.49	27.4	∞	26377	1052.3328 ng/ml
Methadone	5.658	1159042	3601.16	58.4	34528.90	57748	986.0543 ng/ml
Methamphetamine	3.240	1980738	22185.03	42.7	10925.13	106299	907.2423 ng/ml
Metoprolol	4.338	746095	49910.02	97.0	∞	502625	734.1561 ng/ml
Mirtazapine	4.620	3249688	96647.54	52.1	119696.08	200337	554.6840 ng/ml
Mitragynine	5.218	185470	2367.43	35.1	108839.48	57748	910.2532 ng/ml
Morphine	1.273	293899	30067.12	19.9	11162.48	4196	960.6496 ng/ml
Norbuprenorphine	5.001	772	85.75	96.0	3093.00	483	77.3370 ng/ml
Nordiazepam	5.905	396839	1645.50	56.5	5413.13	13283	970.2999 ng/ml
Norfentanyl	4.093	783762	53483.16	36.2	9569.14	320088	108.0355 ng/ml
Norhydrocodone	3.098	104538	2787.87	28.5 High	453.67	27489	1250.8684 ng/ml
Noroxycodone	2.942	938129	∞	48.0	∞	29581	977.9697 ng/ml
O-desmethyl-tramadol	3.388	13545515	460116.17	6.6	53374.34	729213	1018.1557 ng/ml
Oxazepam	5.755	109977	285.12	69.9	83.96	7207	1021.0872 ng/ml
Oxycodone	2.860	3009336	409.32	31.0	227.66	152486	978.4720 ng/ml
Oxymorphone	1.430	793893	∞	46.7	3387.94	32491	932.1044 ng/ml
Phentermine	3.790	898748	18143.36	2.6	400.80	119254	923.2047 ng/ml
Promethazine	5.545	1029024	3959.76	31.8	1946.26	47940	987.5246 ng/ml
Quetiapine	5.534	2669015	59607.20	57.6	90682.49	36199	999.5465 ng/ml
Sertraline	5.788	171124	500.93	90.6	3580.35	8014	931.1270 ng/ml
Temazepam	5.822	1298181	15354.83	30.0	962.11	67224	1051.0441 ng/ml
Tramadol	4.251	8939595	152846.95	3.6	708.56	502625	955.0698 ng/ml
Trazodone	5.089	2172336	130368.30	76.6	79752.37	83561	1074.1514 ng/ml
Venlafaxine	5.052	5903339	282171.39	34.1	25411.57	312981	1010.4496 ng/ml
Zolpidem	4.862	11318723	148469.27	30.6	145177.71	547058	987.5872 ng/ml