

















Worklist: 3730

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
M2019-3972	2	165545	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2799	1	165546	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2800	1	165547	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2801	1	165548	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2808	1	165549	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2809	1	165550	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2814	1	165551	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2815	1	165552	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2834	1	165553	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2844	1	165554	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2858	1	165555	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2859	1	165556	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2860	1	165557	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2862	1	165558	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2863	1	165559	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-2886	1	165560	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	

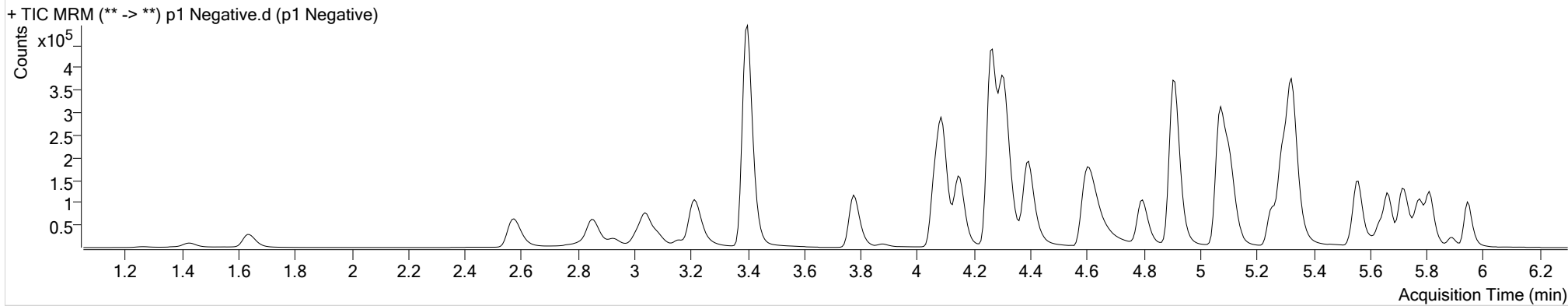
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Calibration Last Update 10/1/2019 10:27:29 AM

Instrument Type	Falco Sample	Data File	p1 Negative.d
Acq. Method	MDQ P1 Combined 092319.m	Sample Operator	p1 Negative
Sample Position	P1-E2	Comment	
Injection Volume	2		
Acq. Date-Time	9/30/2019 7:06:12 PM		
Sample Info.			

Sample Chromatogram



AM #28 Multi-Drug Quant. Results



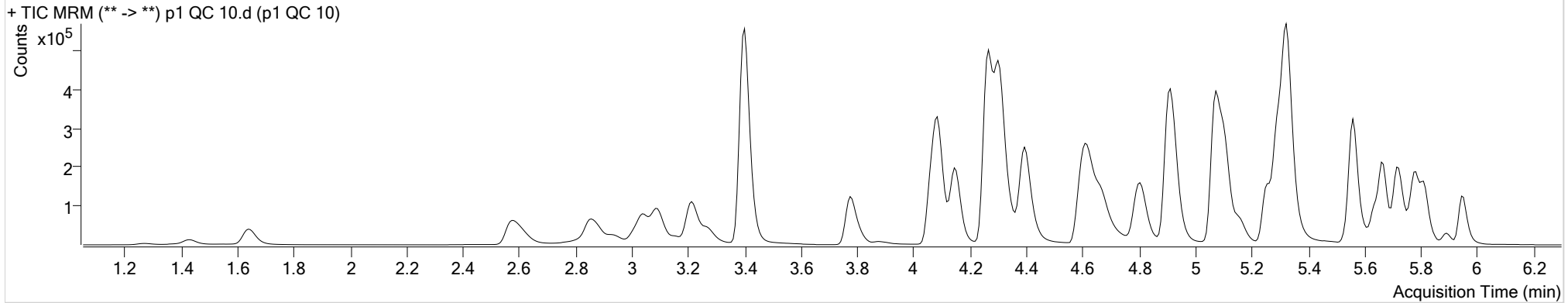
Batch results
Calibration Last Update

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10/1/2019 10:27:29 AM

Instrument Falco
Type QC
Acq. Method MDQ P1 Combined 092319.m
Sample Position P1-A2
Injection Volume 2
Acq. Date-Time 9/30/2019 5:20:56 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	3.170	1484	4833.64	66.8	2064.27	30385	1.0163 ng/ml
7-aminoclonazepam	4.285	20195	∞	79.5	∞	85771	9.7258 ng/ml
a-hydroxyalprazolam	5.700	1780	∞	84.6	5729.98	12982	10.2223 ng/ml
alpha-PVP	4.404	119819	452.89	48.2	2746.06	521032	9.9686 ng/ml
Alprazolam	5.777	53682	376.98	107.9	817.76	143525	10.5587 ng/ml
Amphetamine	3.095	124594	3932.05	53.2	2406.73	108517	10.9978 ng/ml
Benzoylcegonine	3.907	2688	1182.05	8.3	∞	13574	10.1981 ng/ml
Buprenorphine	5.774	3212	308.67	19.2	∞	77660	1.0535 ng/ml
Bupropion	4.820	104112	1350.61	61.1	1301.76	309849	10.0745 ng/ml
Carisoprodol	5.726	25493	∞	55.9	66.20	124082	9.5882 ng/ml
Citalopram	5.256	64524	604.73	40.9	58910.44	292120	10.0425 ng/ml
Clonazepam	5.614	7855	599.10	32.0	4377.92	15046	9.7745 ng/ml
Cocaine	4.304	108127	12431.91	47.9	3803.88	911081	9.7821 ng/ml
Codeine	2.630	10998	∞	107.3	3736.90	47599	9.5385 ng/ml
Cyclobenzaprine	5.644	37721	4114.58	9.6	162.10	166049	10.0640 ng/ml
Dextromethorphan	5.306	32477	1453.15	82.8	62.15	147317	10.3000 ng/ml
Dextrorphan	4.154	28091	30714.55	218.5	9722.29	380840	10.3322 ng/ml
Diazepam	5.955	39535	5140.09	88.7	∞	192054	10.2228 ng/ml

AM #28 Multi-Drug Quant. Results



SD

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.608	31124	2819.08	64.3	176.96	169114	10.1833 ng/ml
Diphenhydramine	5.333	138039	8007.31	29.5	3207.05	1046662	10.2533 ng/ml
Doxylamine	4.621	232755	3624.10	97.4	1344.69	882899	10.2383 ng/ml
EDDP	5.298	91972	1594.70	42.6	1751.50	514362	10.0981 ng/ml
Fentanyl	5.120	3210	41.87	85.9	3373.99	197798	0.9811 ng/ml
Fluoxetine	5.722	45528	2189.50	8.6	418.06	171957	10.5026 ng/ml
Hydrocodone	3.072	26438	499.01	37.2	189.99	188148	9.2337 ng/ml
Hydromorphone	1.648	24373	∞	75.2	271.98	91373	9.9666 ng/ml
Ketamine	4.081	97587	∞	36.6	267.10	413707	10.2793 ng/ml
Lamotrigine	4.315	8366	887.10	79.2	1883.59	413707	10.4909 ng/ml
Lorazepam	5.755	2848	49.12	51.9	17.73	15046	9.9573 ng/ml
Meprobamate	4.929	5283	∞	28.2	163.30	31594	9.4341 ng/ml
Methadone	5.668	66049	1875.23	57.0	2132.22	295562	10.4724 ng/ml
Methamphetamine	3.275	68045	536.61	43.8	1085.77	318808	10.6541 ng/ml
Metoprolol	4.354	22485	2491.67	94.8	28605.94	1058075	10.7625 ng/ml
Mirtazapine	4.670	119732	2609.43	51.0	1261.86	521032	9.5016 ng/ml
Mitragynine	5.247	14122	70369.41	34.8	5857.26	295562	10.6891 ng/ml
Morphine	1.280	5143	1734.79	20.5	462.77	5474	10.1733 ng/ml
Norbuprenorphine	5.030	51	12.12	99.4	6.42 Low	2610	0.5225 ng/ml outside curve range
Nordiazepam	5.901	11528	∞	56.2	10478.32	34481	10.8624 ng/ml
Norfentanyl	4.115	11694	1016.78	38.0	1344.48	539500	0.9463 ng/ml
Norhydrocodone	3.106	815	58.22	25.9	34.89	42625	7.7234 ng/ml
Noroxycodone	2.950	17985	513.81	49.5	14.12	48295	10.2025 ng/ml
O-desmethyl-tramadol	3.401	229775	785.91	5.9	3221.13	1222695	10.2446 ng/ml
Oxazepam	5.758	3379	30.91	74.3	92.32	21998	10.1073 ng/ml
Oxycodone	2.881	53792	870.06	31.1	855.04	227636	10.6189 ng/ml
Oxymorphone	1.437	10045	287.28	47.1	126.37	32868	10.2275 ng/ml
Phentermine	3.812	29306	2597.49	2.1	45.37	346658	10.4093 ng/ml
Promethazine	5.562	97411	∞	30.8	651.96	416991	10.5894 ng/ml
Quetiapine	5.565	102799	∞	56.0	5758.05	124241	10.9254 ng/ml
Sertraline	5.791	30468	541.58	90.7	1825.93	127403	10.6226 ng/ml
Temazepam	5.818	35338	654.81	32.9	490.11	200187	10.0059 ng/ml
Tramadol	4.280	224016	1111.21	3.1	71.42	1058075	10.6059 ng/ml
Trazodone	5.160	72973	7444.02	75.8	25150.19	285711	10.1988 ng/ml
Venlafaxine	5.074	145117	877.00	34.6	2026.33	843940	9.9073 ng/ml
Zolpidem	4.932	189308	14634.82	31.8	5614.14	936654	10.0685 ng/ml

AM #28 Multi-Drug Quant. Results



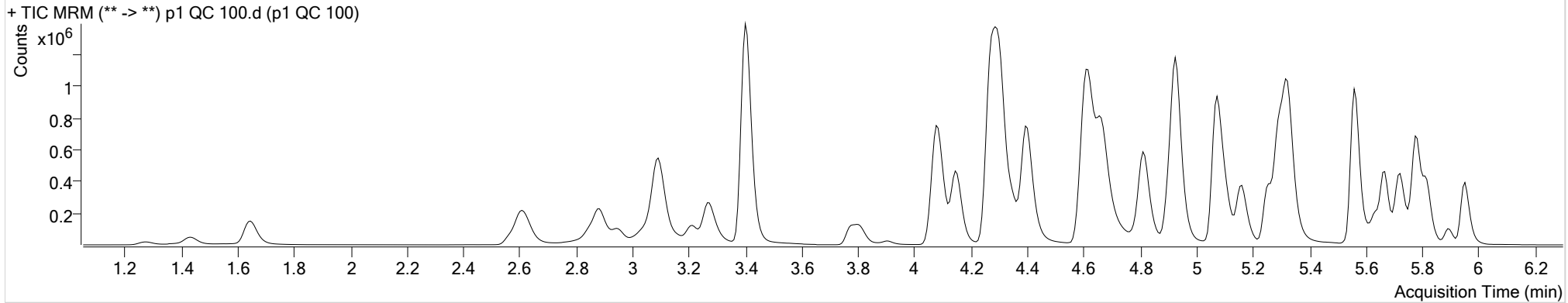
Batch results
Calibration Last Update

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10/1/2019 10:27:29 AM

Instrument Falco
Type QC
Acq. Method MDQ P1 Combined 092319.m
Sample Position P1-B2
Injection Volume 2
Acq. Date-Time 9/30/2019 5:42:00 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	3.170	15347	33210.92	70.4	37846.60	32203	9.9983 ng/ml
7-aminoclonazepam	4.285	174780	348.98	79.8	6856.18	80847	99.8640 ng/ml
a-hydroxyalprazolam	5.700	17201	728.24	91.0	195.84	14238	88.1450 ng/ml
alpha-PVP	4.404	1082727	103884.40	49.1	591.82	481395	98.1259 ng/ml
Alprazolam	5.777	506084	3092.21	107.6	9637.91	132799	94.6435 ng/ml
Amphetamine	3.095	981209	59786.82	53.6	18012.31	99439	106.3997 ng/ml
Benzoylcegonine	3.900	26837	23912.28	7.1	1501.16	14780	97.6657 ng/ml
Buprenorphine	5.774	19701	936.19	16.7	∞	45702	10.2409 ng/ml
Bupropion	4.813	845337	42494.36	60.5	706.46	259851	104.6404 ng/ml
Carisoprodol	5.726	263792	1314829.30	53.3	8631.87	122570	101.2082 ng/ml
Citalopram	5.256	456476	10446.87	40.7	1617.59	210818	99.2053 ng/ml
Clonazepam	5.614	84423	5351.77	29.7	∞	15899	104.7688 ng/ml
Cocaine	4.304	1021014	85665.32	48.3	692259.23	856865	97.4799 ng/ml
Codeine	2.630	107912	34335.46	104.6	8280.94	46889	105.1752 ng/ml
Cyclobenzaprine	5.644	236728	∞	9.8	689.22	113189	91.2216 ng/ml
Dextromethorphan	5.306	218352	1645.04	81.5	139773.78	104534	97.4689 ng/ml
Dextrorphan	4.147	249436	656.41	214.2	33012.39	348944	101.6089 ng/ml
Diazepam	5.955	362363	22245.15	88.3	7156.07	182079	102.0466 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.601	310760	61392.42	66.0	550.02	179142	101.6306 ng/ml
Diphenhydramine	5.327	970968	39413.69	30.8	265.77	753653	100.6448 ng/ml
Doxylamine	4.615	2180580	1382.55	96.4	3765.55	850461	98.7661 ng/ml
EDDP	5.298	767730	2390.11	43.8	32770.11	447270	98.6583 ng/ml
Fentanyl	5.120	22464	∞	78.9	∞	140260	9.4091 ng/ml
Fluoxetine	5.716	274704	8463.35	8.4	∞	108711	106.5318 ng/ml
Hydrocodone	3.065	267341	416.77	38.5	∞	186245	101.6783 ng/ml
Hydromorphone	1.648	231691	795.63	76.0	1698.31	93151	96.3659 ng/ml
Ketamine	4.081	944876	53942.68	37.2	∞	414588	105.4562 ng/ml
Lamotrigine	4.308	72016	988.61	84.3	∞	414588	99.4721 ng/ml
Lorazepam	5.748	29897	872.43	52.0	142.31	15899	94.0156 ng/ml
Meprobamate	4.922	53897	∞	25.0	129.48	32172	104.3501 ng/ml
Methadone	5.668	446595	1799.16	57.5	29722.78	208914	95.2627 ng/ml
Methamphetamine	3.275	583827	27662.79	44.1	11817.20	305722	104.3353 ng/ml
Metoprolol	4.354	189012	145411.31	96.4	∞	1070550	97.7586 ng/ml
Mirtazapine	4.670	912932	∞	50.5	∞	481395	78.0596 ng/ml
Mitragynine	5.247	95587	125374.07	36.2	87751.43	208914	101.5116 ng/ml
Morphine	1.280	48023	9024.79	20.4	9239.75	5249	102.7504 ng/ml
Norbuprenorphine	5.024	508	99.79	84.6	27.12	2305	10.1435 ng/ml
Nordiazepam	5.895	104880	∞	56.3	685.52	33323	103.0109 ng/ml
Norfentanyl	4.115	117702	17431.53	36.4	6358.23	528821	9.3096 ng/ml
Norhydrocodone	3.106	11064	161.09	22.7	82.69	42293	90.5140 ng/ml
Noroxycodone	2.950	175012	2821.34	47.9	451.01	49190	99.9111 ng/ml
O-desmethyl-tramadol	3.401	2316115	218573.91	6.0	1215.99	1270734	102.2628 ng/ml
Oxazepam	5.758	34546	126.34	76.6	262.13	23845	98.2148 ng/ml
Oxycodone	2.881	552781	3424.53	31.4	2843.31	243304	106.2229 ng/ml
Oxymorphone	1.430	95907	321.55	47.9	3110.01	33664	99.6511 ng/ml
Phentermine	3.812	247602	5133.08	2.2	962.69	316543	108.8812 ng/ml
Promethazine	5.562	619178	34785.51	31.1	2018.16	282612	98.0732 ng/ml
Quetiapine	5.558	758622	∞	58.3	19754.21	99524	110.6728 ng/ml
Sertraline	5.791	156478	1498.01	91.7	201707.71	71300	95.0877 ng/ml
Temazepam	5.818	363575	938.15	30.4	604.35	208057	100.4689 ng/ml
Tramadol	4.273	2077673	43512.12	3.4	∞	1070550	106.4353 ng/ml
Trazodone	5.160	544922	555.79	76.3	∞	220738	102.1369 ng/ml
Venlafaxine	5.074	1304059	58116.03	35.3	94070.24	768152	98.8276 ng/ml
Zolpidem	4.925	1916036	82884.57	31.5	41914.78	960070	105.1283 ng/ml

AM #28 Multi-Drug Quant. Results



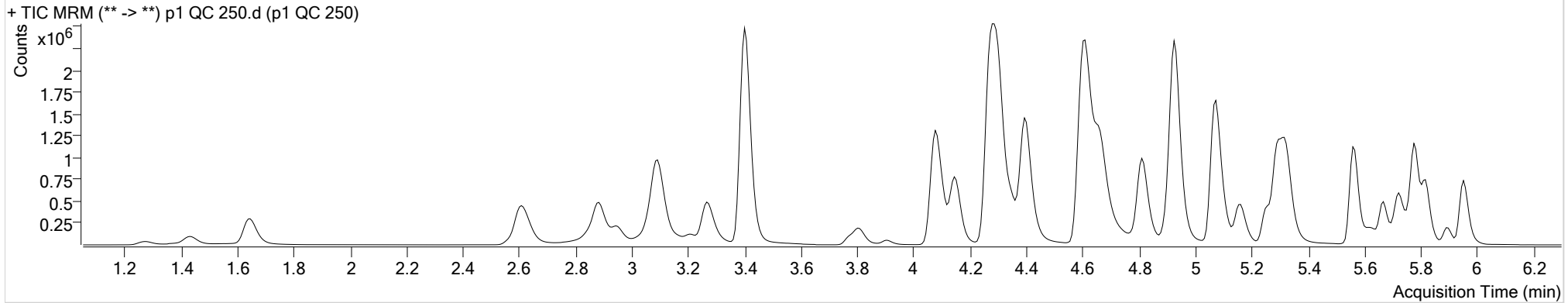
Batch results
Calibration Last Update

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10/1/2019 10:27:29 AM

Instrument Type Falco
Acq. Method MDQ P1 Combined 092319.m
Sample Position P1-C2
Injection Volume 2
Acq. Date-Time 9/30/2019 6:03:04 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	3.170	35916	∞	71.2	2249.92	29713	25.3739 ng/ml
7-aminoclonazepam	4.278	286961	∞	79.7	∞	55581	240.2877 ng/ml
a-hydroxyalprazolam	5.700	44273	266.52	87.9	984.15	14229	226.6225 ng/ml
alpha-PVP	4.398	2416684	∞	49.3	676.67	429839	245.3977 ng/ml
Alprazolam	5.777	1087182	1599.20	108.5	∞	109088	245.2338 ng/ml
Amphetamine	3.095	1776492	68898.37	52.6	17520.97	77825	248.1945 ng/ml
Benzoylcegonine	3.907	65194	990.67	7.4	1780.88	13496	260.6816 ng/ml
Buprenorphine	5.774	20319	1154.56	16.4	225.09	19206	25.0195 ng/ml
Bupropion	4.813	1519831	68800.55	61.2	9313.67	190274	258.1170 ng/ml
Carisoprodol	5.726	587650	1562643.85	54.4	4425.25	111797	247.3047 ng/ml
Citalopram	5.256	614776	1111.80	41.1	494.79	115746	243.4783 ng/ml
Clonazepam	5.614	195874	62194.99	30.5	∞	15441	251.0893 ng/ml
Cocaine	4.297	2286953	63777.56	47.9	107692.65	749682	249.4336 ng/ml
Codeine	2.630	237608	1015.48	103.1	292.80	40813	267.7957 ng/ml
Cyclobenzaprine	5.644	169964	377.47	10.0	1000.44	32330	229.0355 ng/ml
Dextromethorphan	5.306	252374	331.07	80.2	651.02	46885	251.1506 ng/ml
Dextrorphan	4.147	518243	279688.15	213.8	1336.64	287327	256.6396 ng/ml
Diazepam	5.955	795917	5578.83	88.4	∞	160415	254.9660 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.601	694579	31244.82	66.3	50178.76	169379	241.1609 ng/ml
Diphenhydramine	5.327	1290141	57194.76	30.8	11060.87	397939	253.3501 ng/ml
Doxylamine	4.608	4854156	96113.45	97.6	∞	762865	244.9697 ng/ml
EDDP	5.291	1512534	1144.24	43.4	34066.22	348237	249.9524 ng/ml
Fentanyl	5.120	18761	310.86	73.6	∞	43903	25.0540 ng/ml
Fluoxetine	5.716	164208	934.11	8.0	718.34	25704	270.4508 ng/ml
Hydrocodone	3.065	627230	∞	37.0	∞	177317	251.7343 ng/ml
Hydromorphone	1.648	539685	1811.50	75.9	295.48	84153	249.1198 ng/ml
Ketamine	4.081	2121459	522957.75	37.5	26030.01	382725	257.5002 ng/ml
Lamotrigine	4.308	138603	∞	84.5	174811.52	382725	208.7228 ng/ml
Lorazepam	5.748	84142	1655.08	50.9	356.90	15441	271.3980 ng/ml
Meprobamate	4.922	112373	∞	24.8	1089.29	29596	237.8811 ng/ml
Methadone	5.668	561190	1799.16	58.2	10615.23	103821	240.0035 ng/ml
Methamphetamine	3.269	1111754	35717.32	43.9	807.75	242286	252.2902 ng/ml
Metoprolol	4.354	386212	∞	97.4	∞	946280	227.4812 ng/ml
Mirtazapine	4.664	1416837	∞	50.6	55047.52	429839	135.6402 ng/ml
Mitragynine	5.247	94880	54921.99	36.3	159851.35	103821	202.6584 ng/ml
Morphine	1.273	106169	1913.08	19.5	441.24	4688	254.9903 ng/ml
Norbuprenorphine	5.017	970	130.20	97.9	100.13	2001	22.8094 ng/ml
Nordiazepam	5.895	236097	6212.14	56.3	14318.14	30781	251.1655 ng/ml
Norfentanyl	4.115	272040	33113.35	36.5	308.11	458004	24.7707 ng/ml
Norhydrocodone	3.106	27049	∞	24.3	291.63	37220	249.3180 ng/ml
Noroxycodone	2.950	389795	806.16	50.3	546.86	44554	246.0985 ng/ml
O-desmethyl-tramadol	3.401	5312081	533132.42	6.0	79948.85	1150578	259.5476 ng/ml
Oxazepam	5.758	94782	952.68	74.9	1377.63	25984	247.8004 ng/ml
Oxycodone	2.881	1325358	7041.86	31.1	5101.31	228953	271.3876 ng/ml
Oxymorphone	1.430	228586	3026.06	46.5	917.00	31982	250.7811 ng/ml
Phentermine	3.812	470117	3019.76	2.1	1039.89	255101	258.5881 ng/ml
Promethazine	5.562	443896	1659.40	31.4	37619.18	80239	247.4142 ng/ml
Quetiapine	5.558	1249746	2825.95	58.3	1659.22	61122	298.9255 ng/ml
Sertraline	5.791	83699	∞	92.5	428.17	15141	239.0711 ng/ml
Temazepam	5.818	866584	19014.94	30.6	1885.30	195685	254.8539 ng/ml
Tramadol	4.273	4604823	∞	3.3	5319.11	946280	268.5763 ng/ml
Trazodone	5.160	685461	87886.82	76.2	755.70	107959	263.3410 ng/ml
Venlafaxine	5.074	2875840	89835.46	34.8	126382.05	666882	251.2166 ng/ml
Zolpidem	4.925	4344679	141062.67	31.3	81375.34	884112	259.8030 ng/ml

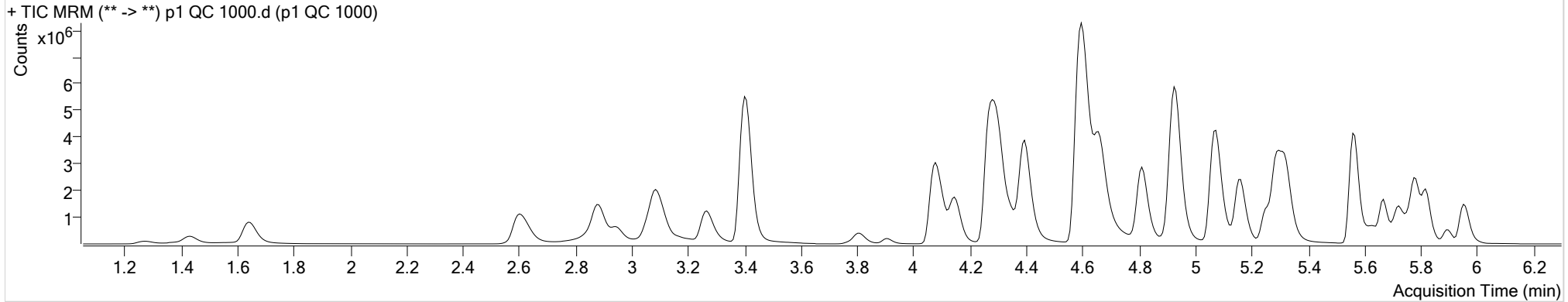
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Calibration Last Update 10/1/2019 10:27:29 AM

Instrument Falco **Data File** p1 QC 1000.d
Type QC **Sample** p1 QC 1000
Acq. Method MDQ P1 Combined 092319.m **Operator**
Sample Position P1-D2 **Comment**
Injection Volume 2
Acq. Date-Time 9/30/2019 6:24:04 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.170	126428	31549.67	70.1	2258.94	25403	104.5025 ng/ml
7-aminoclonazepam	4.278	485117	21630.20	80.0	∞	34727	652.3473 ng/ml outside curve range
a-hydroxyalprazolam	5.700	164835	1690.77	90.1	2722.64	12021	997.8515 ng/ml
alpha-PVP	4.398	7206161	233043.02	49.5	188805.83	321688	977.9579 ng/ml
Alprazolam	5.777	2621225	3141.96	104.8	2496.06	62185	1032.6809 ng/ml
Amphetamine	3.095	3810244	∞	52.3	212333.12	57884	718.6664 ng/ml outside curve range
Benzoylcegonine	3.900	263414	5518.04	7.7	53580.56	13755	1034.9170 ng/ml
Buprenorphine	5.774	42856	1282.85	15.3	6711.02	8760	115.4088 ng/ml
Bupropion	4.813	4669295	714366.18	60.8	∞	150474	1005.1081 ng/ml
Carisoprodol	5.726	1365090	∞	54.8	6060.44	66785	961.9039 ng/ml
Citalopram	5.256	1969531	23247.05	40.5	∞	92587	975.3808 ng/ml
Clonazepam	5.614	607576	5040.66	30.9	25645.10	12501	963.6610 ng/ml
Cocaine	4.297	5861897	458188.71	49.0	313935.94	490953	976.0405 ng/ml
Codeine	2.630	660101	20960.50	101.3	6578.01	29736	1024.2905 ng/ml
Cyclobenzaprine	5.644	769859	66222.18	9.6	7174.87	33980	986.4800 ng/ml
Dextromethorphan	5.306	789956	52980.79	80.2	50961.57	36817	1001.0522 ng/ml
Dextrorphan	4.147	1360441	188965.17	212.9	148064.24	187502	1032.8948 ng/ml
Diazepam	5.955	1954612	8120.84	87.7	5553.44	101860	987.1555 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.595	1975483	82417.95	67.0	74016.62	154433	753.7023 ng/ml outside curve range
Diphenhydramine	5.327	4083935	1229834.26	31.6	32009.68	315141	1012.8497 ng/ml
Doxylamine	4.594	17601086	389504.42	95.1	4152.10	681735	993.6785 ng/ml
EDDP	5.291	5163050	39021.57	43.4	84682.63	291940	1018.3631 ng/ml
Fentanyl	5.120	86996	25457.12	74.6	64363.99	47141	108.0943 ng/ml
Fluoxetine	5.716	576954	51453.95	8.6	11981.93	23901	1023.9877 ng/ml
Hydrocodone	3.058	1961934	244.66	39.2	∞	157206	890.1584 ng/ml
Hydromorphone	1.648	1686091	∞	72.5	1423.31	65790	996.7712 ng/ml
Ketamine	4.081	6155582	352050.42	37.7	4651.94	312162	917.8630 ng/ml
Lamotrigine	4.315	266157	26603.41	84.6	∞	312162	493.0792 ng/ml outside curve range
Lorazepam	5.748	323554	13756.01	52.5	∞	12501	1286.9988 ng/ml outside curve range
Meprobamate	4.922	245534	646.57	25.4	14633.09	23345	660.8798 ng/ml outside curve range
Methadone	5.668	2067414	461681.48	57.7	45687.97	96563	948.9295 ng/ml
Methamphetamine	3.269	2904691	108415.24	44.0	68157.89	183784	871.7601 ng/ml
Metoprolol	4.354	918013	∞	99.2	∞	710742	722.3772 ng/ml outside curve range
Mirtazapine	4.664	5361198	∞	50.2	111302.68	321688	685.6081 ng/ml
Mitragynine	5.247	335189	27359.85	37.8	82549.11	96563	769.4799 ng/ml
Morphine	1.273	300944	380.18	20.0	2427.14	3531	960.7679 ng/ml
Norbuprenorphine	5.017	2790	211.56	92.6	2476.41	1581	84.2012 ng/ml
Nordiazepam	5.901	691468	13681.20	57.3	2374.92	22664	999.3075 ng/ml
Norfentanyl	4.115	906547	128301.33	37.1	28172.30	321462	117.4423 ng/ml
Norhydrocodone	3.106	87133	676.76	26.3	211.09	25162	1183.5326 ng/ml
Noroxycodone	2.950	1174769	693.19	49.3	5033.65	34632	954.9983 ng/ml
O-desmethyl-tramadol	3.401	15132409	405421.16	6.1	41555.48	844328	1008.5090 ng/ml
Oxazepam	5.758	384480	21832.98	74.8	∞	27769	941.5419 ng/ml
Oxycodone	2.874	4605872	5256.61	31.6	3620.66	212232	1018.7462 ng/ml
Oxymorphone	1.430	750351	∞	47.6	∞	28889	912.7058 ng/ml
Phentermine	3.812	1176433	∞	2.0	1723.53	194558	851.9367 ng/ml
Promethazine	5.562	1852343	64494.83	31.5	23825.59	83956	986.2836 ng/ml
Quetiapine	5.558	4985804	128276.52	58.8	1411.50	71918	1016.4436 ng/ml
Sertraline	5.791	251754	10814.88	92.0	27203.84	10823	1005.0093 ng/ml
Temazepam	5.818	2818373	102076.77	30.0	1855.03	155339	1044.6246 ng/ml
Tramadol	4.267	11547058	214776.78	3.4	313.17	710742	899.3120 ng/ml
Trazodone	5.160	3715199	3359.10	78.7	∞	145317	1061.6183 ng/ml
Venlafaxine	5.074	8960696	310334.38	34.2	94937.44	515627	1012.7156 ng/ml
Zolpidem	4.925	13188274	∞	30.6	∞	781741	893.4710 ng/ml

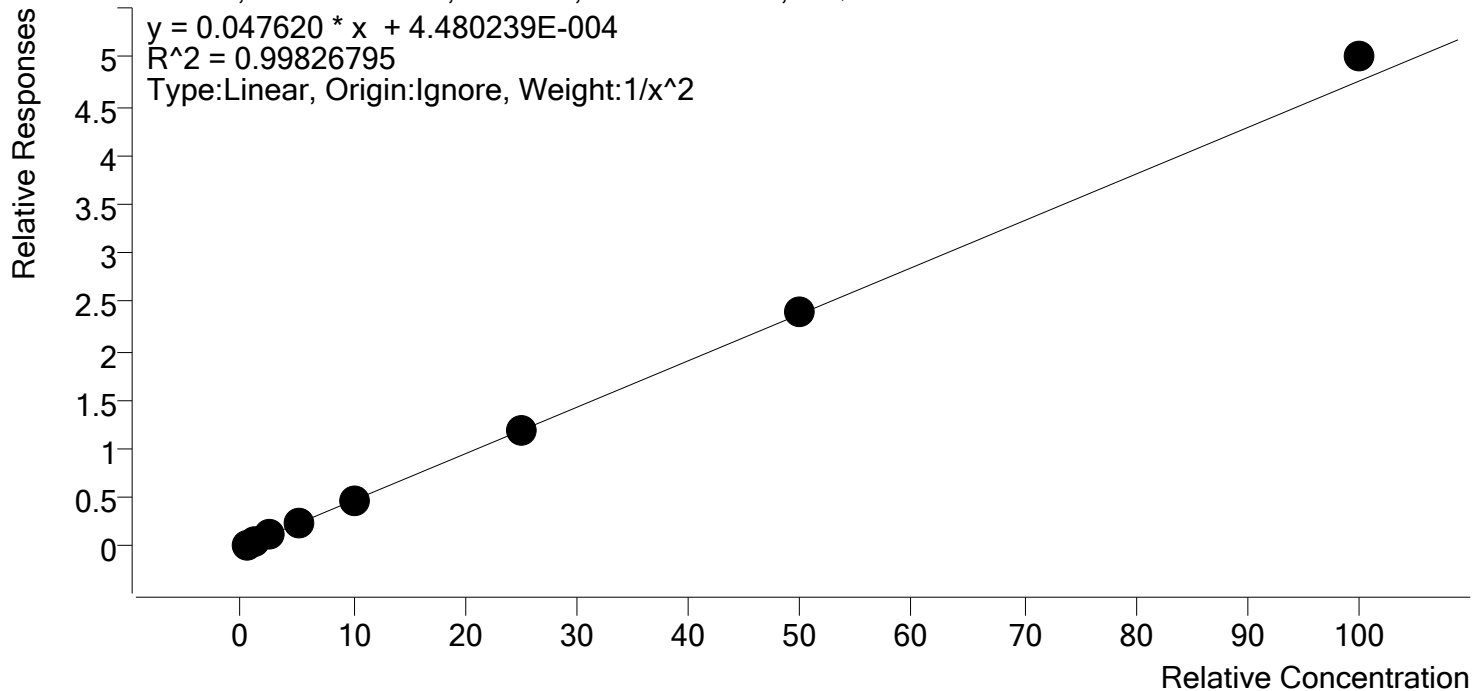
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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

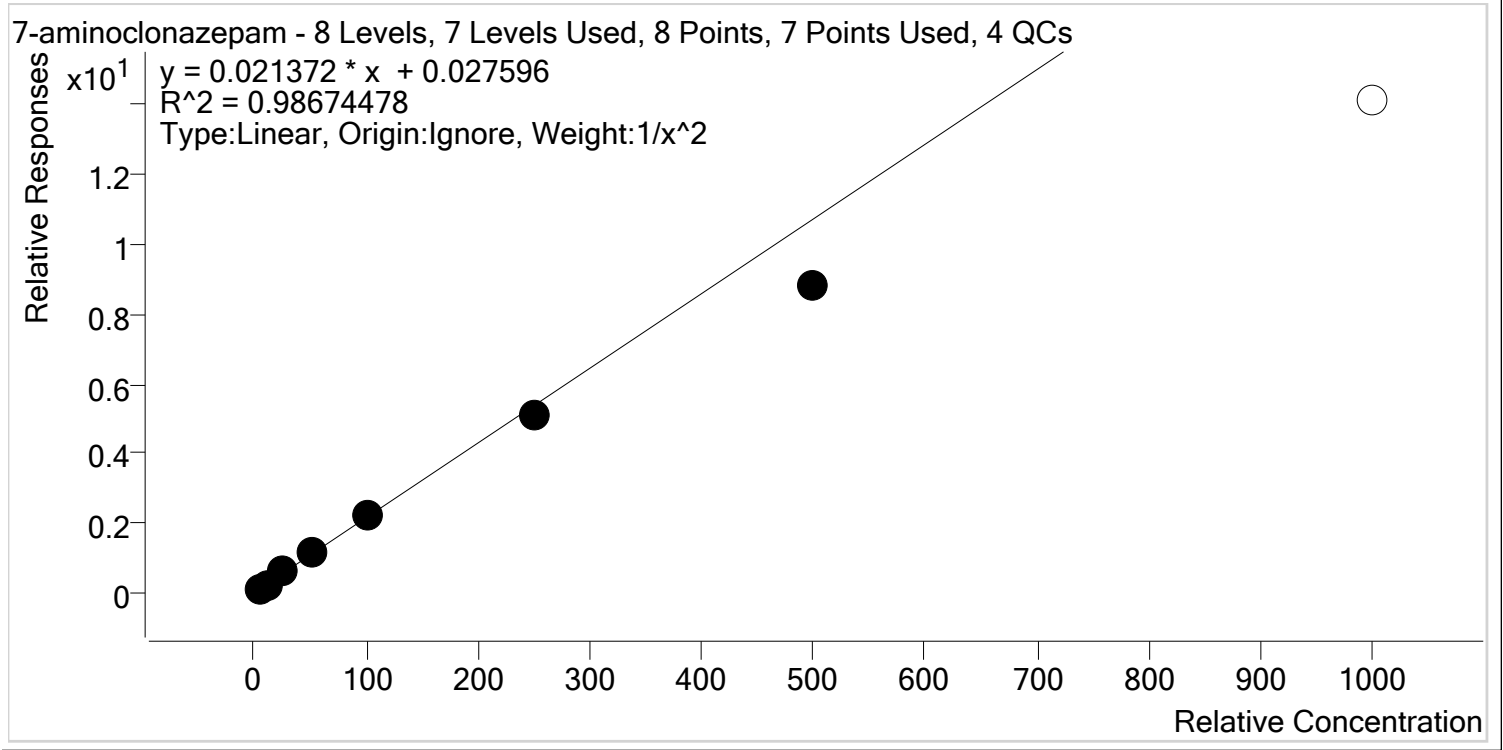


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.5
p1 Cal 2- 10ng	2	✓	1.0	1.0	96.6
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.4
p1 Cal 4-50ng	4	✓	5.0	5.1	102.3
p1 Cal 5-100ng	5	✓	10.0	9.6	95.8
p1 Cal 6-250ng	6	✓	25.0	25.2	100.6
p1 Cal 7-500ng	7	✓	50.0	50.7	101.5
p1 Cal 8-1000ng	8	✓	100.0	105.2	105.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

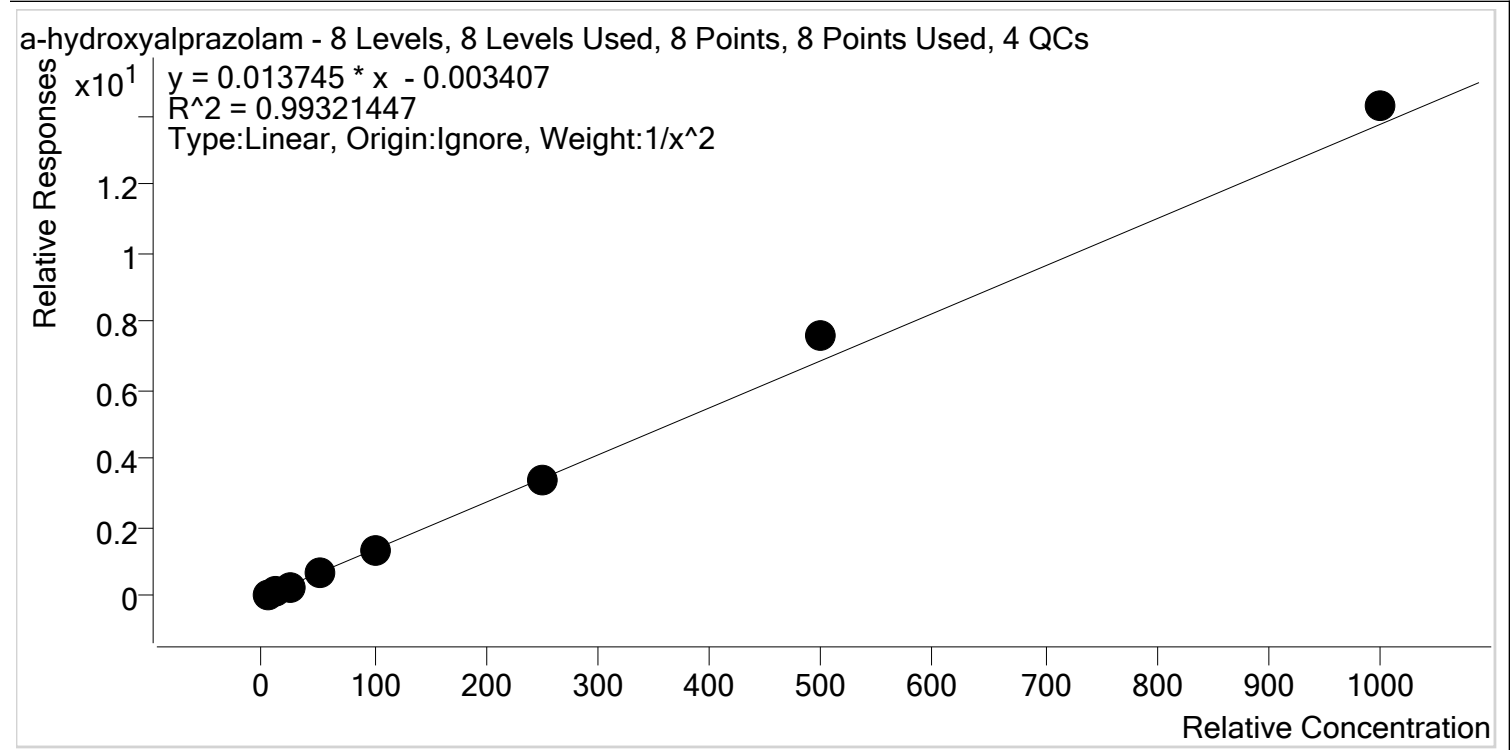


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.6
p1 Cal 4-50ng	4	✓	50.0	55.4	110.8
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	238.0	95.2
p1 Cal 7-500ng	7	✓	500.0	410.7	82.1
p1 Cal 8-1000ng	8	✗	1000.0	658.5	65.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

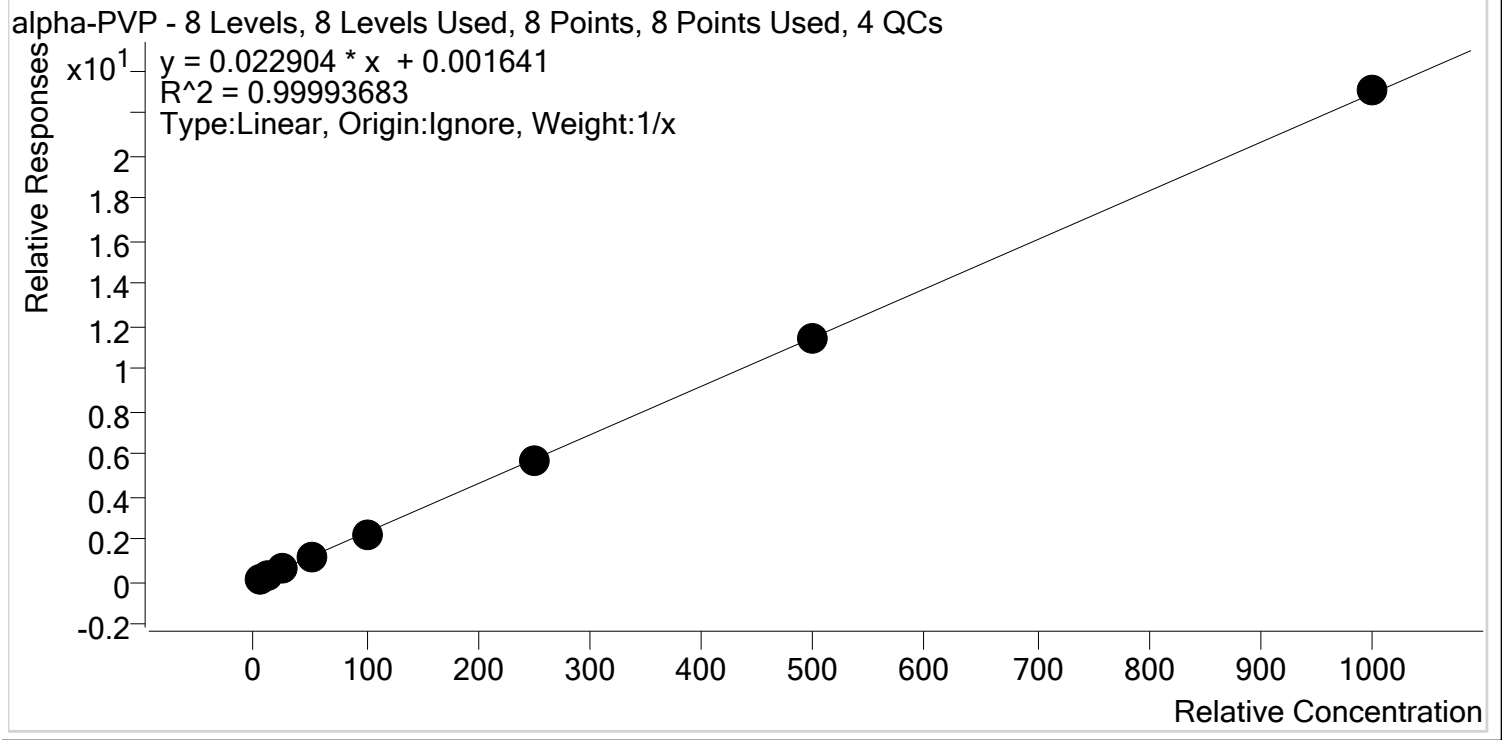


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2- 10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	21.8	87.3
p1 Cal 4-50ng	4	✓	50.0	47.1	94.1
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	555.5	111.1
p1 Cal 8-1000ng	8	✓	1000.0	1038.3	103.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

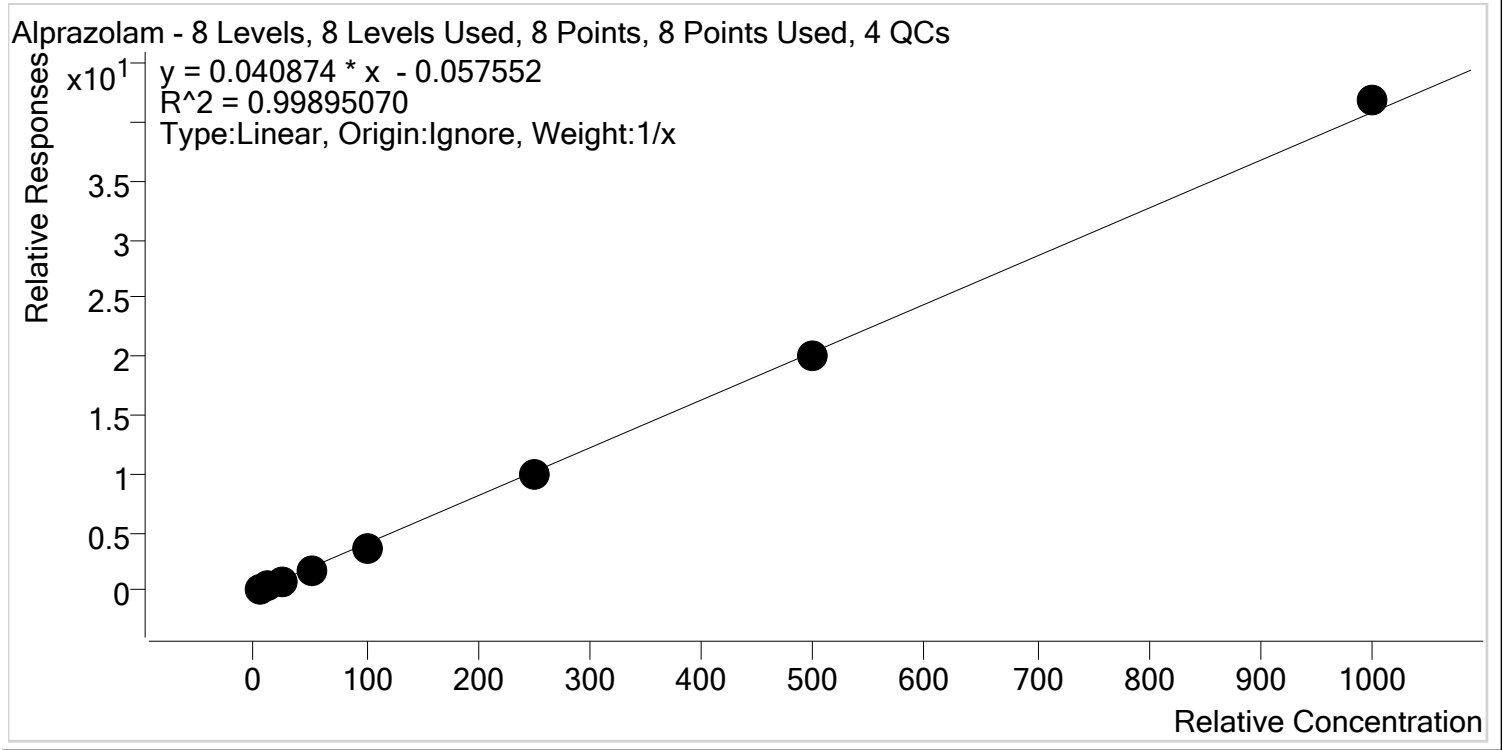


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	496.9	99.4
p1 Cal 8-1000ng	8	✓	1000.0	1006.3	100.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 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	6.0	120.0
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.8
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	93.3	93.3
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	490.6	98.1
p1 Cal 8-1000ng	8	✓	1000.0	1024.7	102.5

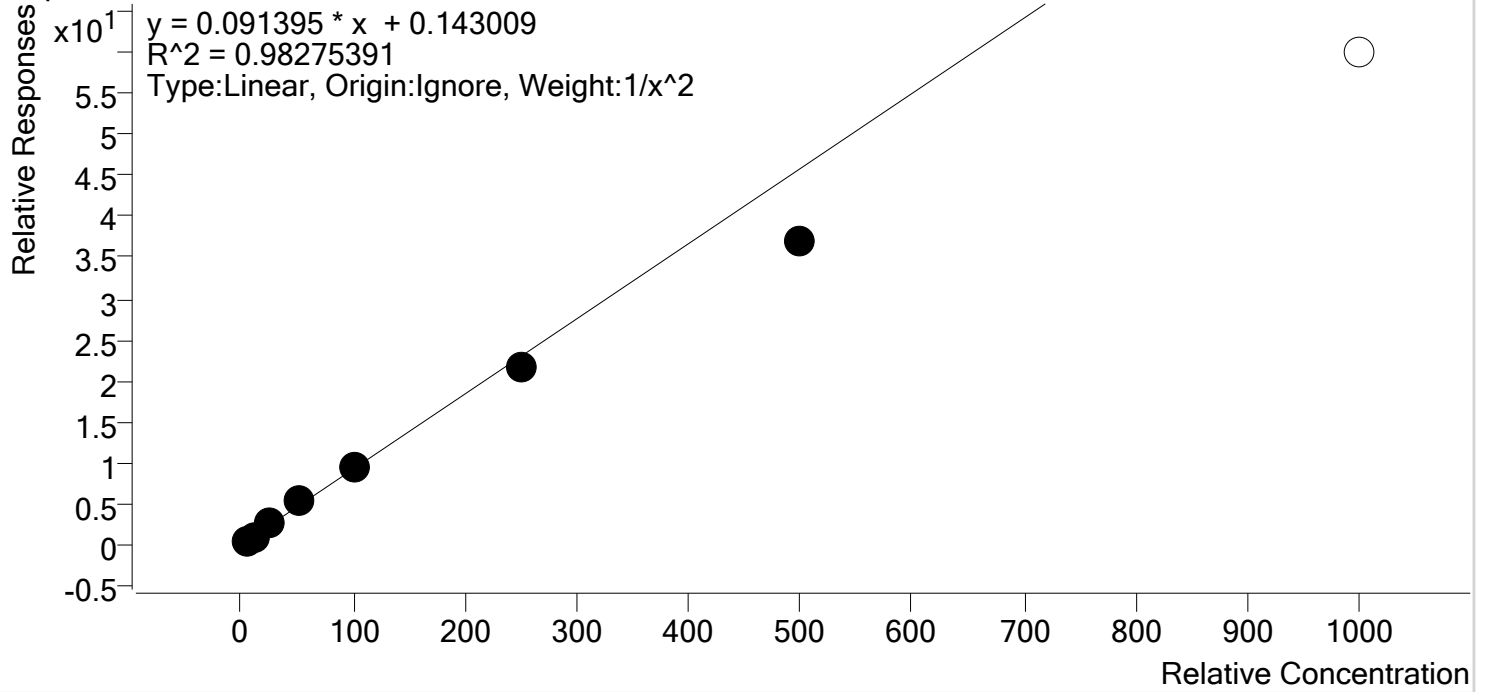
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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

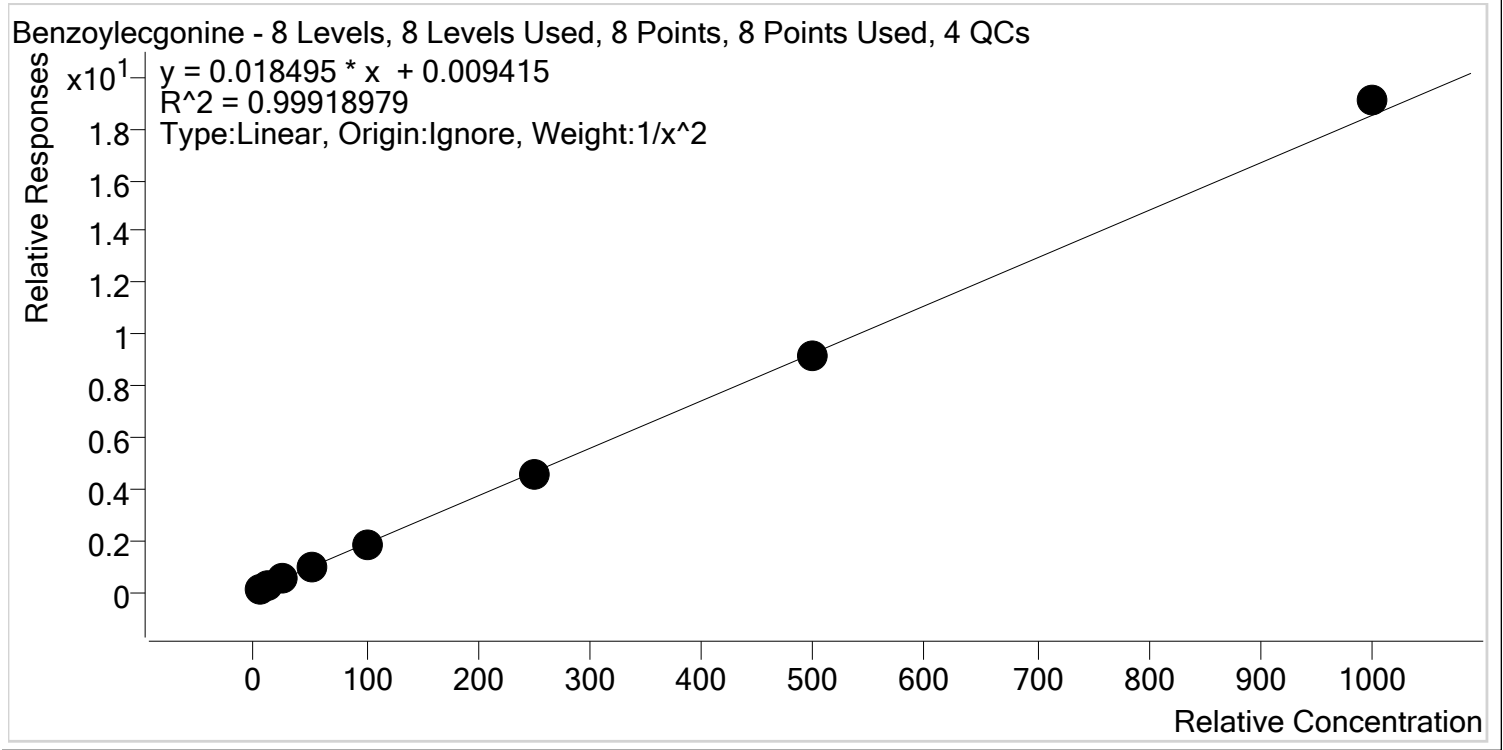


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.6
p1 Cal 2- 10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	27.5	110.0
p1 Cal 4-50ng	4	✓	50.0	56.5	113.1
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	236.2	94.5
p1 Cal 7-500ng	7	✓	500.0	401.1	80.2
p1 Cal 8-1000ng	8	✗	1000.0	654.3	65.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 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	5.0	100.8
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	243.7	97.5
p1 Cal 7-500ng	7	✓	500.0	497.5	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1031.0	103.1

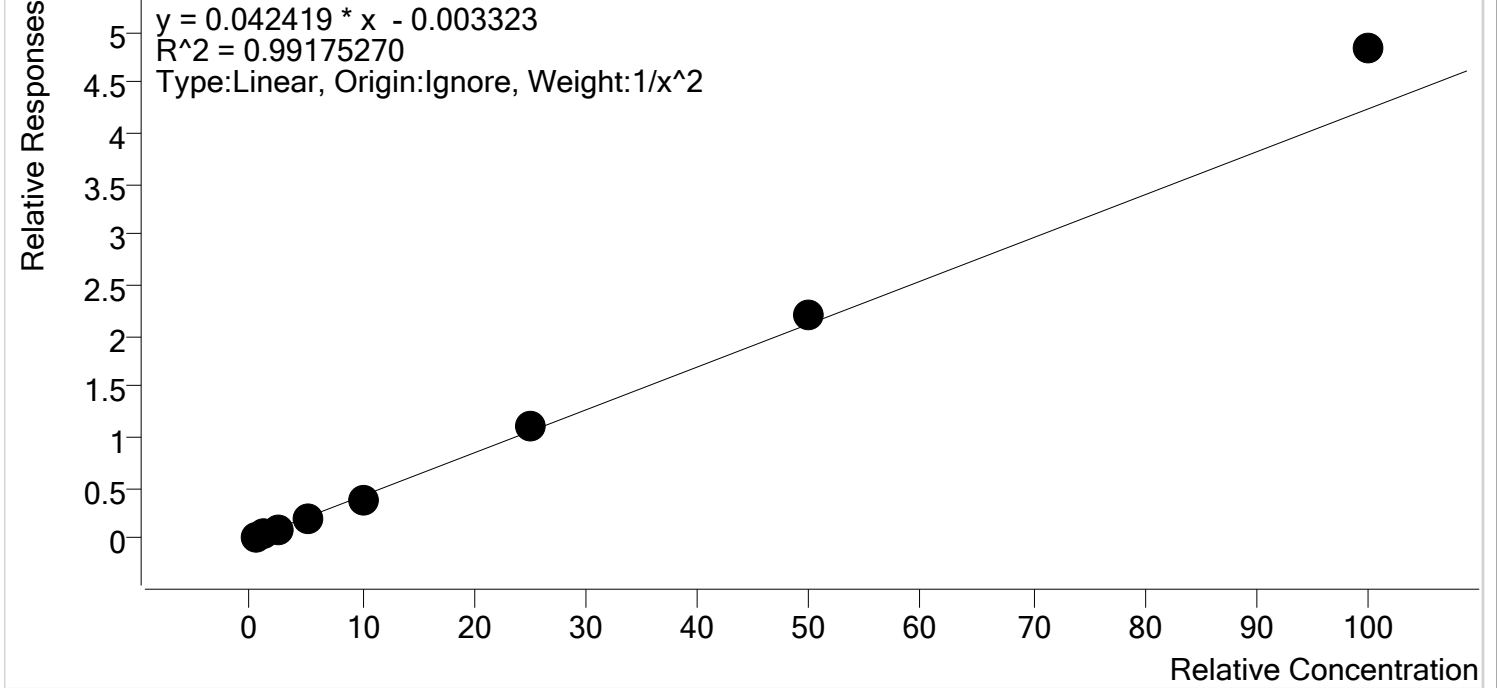
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



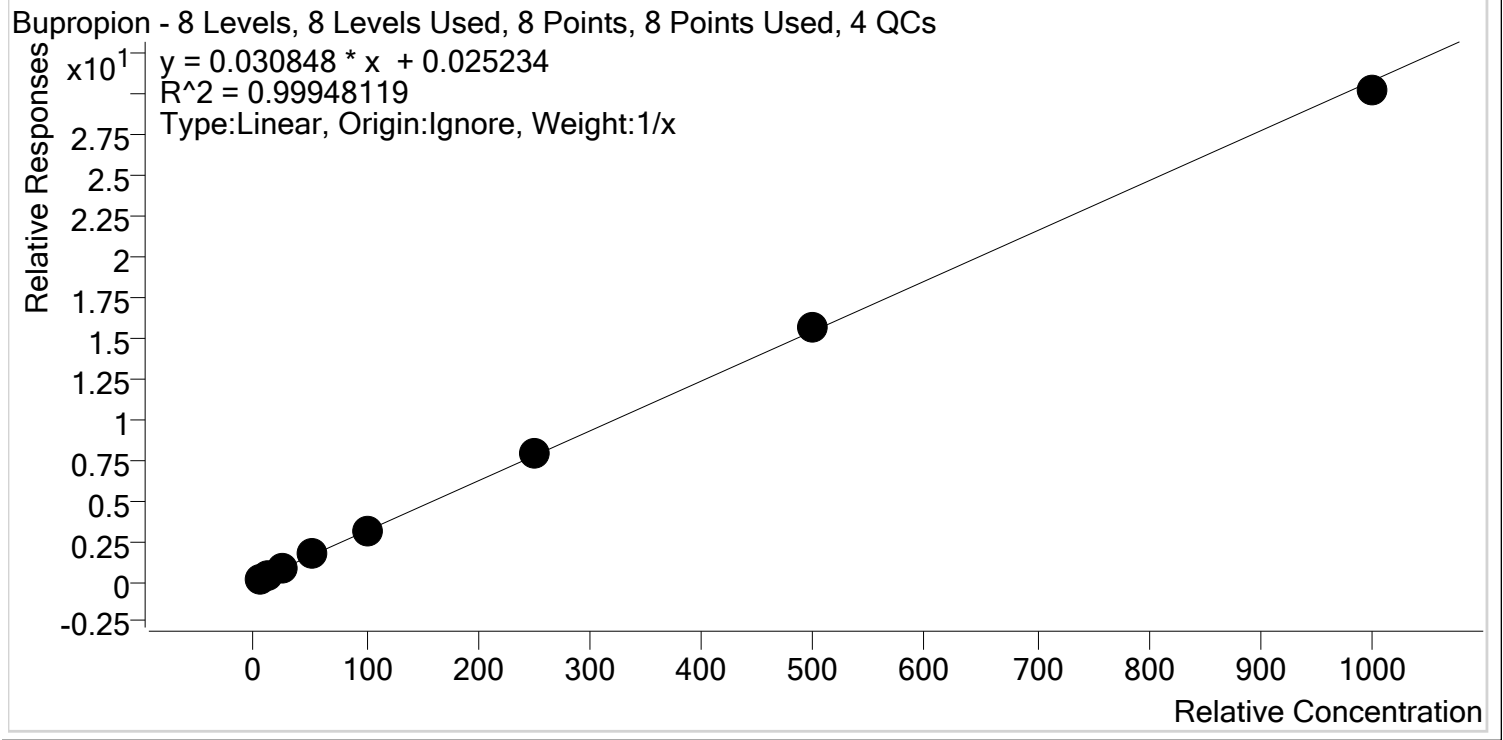
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.4
p1 Cal 2- 10ng	2	✓	1.0	1.0	96.8
p1 Cal 3 -25ng	3	✓	2.5	2.2	89.2
p1 Cal 4-50ng	4	✓	5.0	4.8	95.6
p1 Cal 5-100ng	5	✓	10.0	9.3	92.8
p1 Cal 6-250ng	6	✓	25.0	25.8	103.2
p1 Cal 7-500ng	7	✓	50.0	51.9	103.9
p1 Cal 8-1000ng	8	✓	100.0	114.0	114.0

SD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

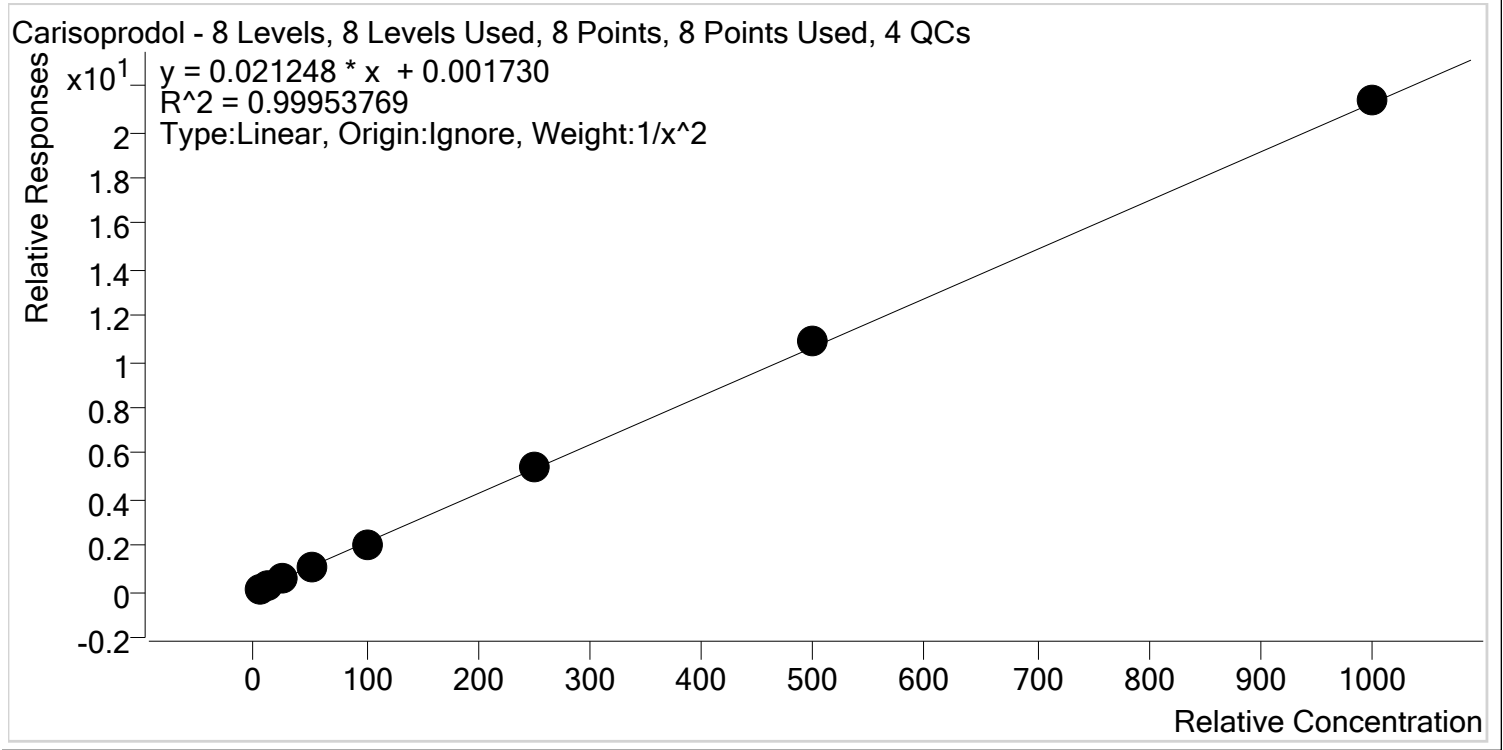


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	91.8
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	51.9	103.9
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	258.4	103.3
p1 Cal 7-500ng	7	✓	500.0	507.4	101.5
p1 Cal 8-1000ng	8	✓	1000.0	980.6	98.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

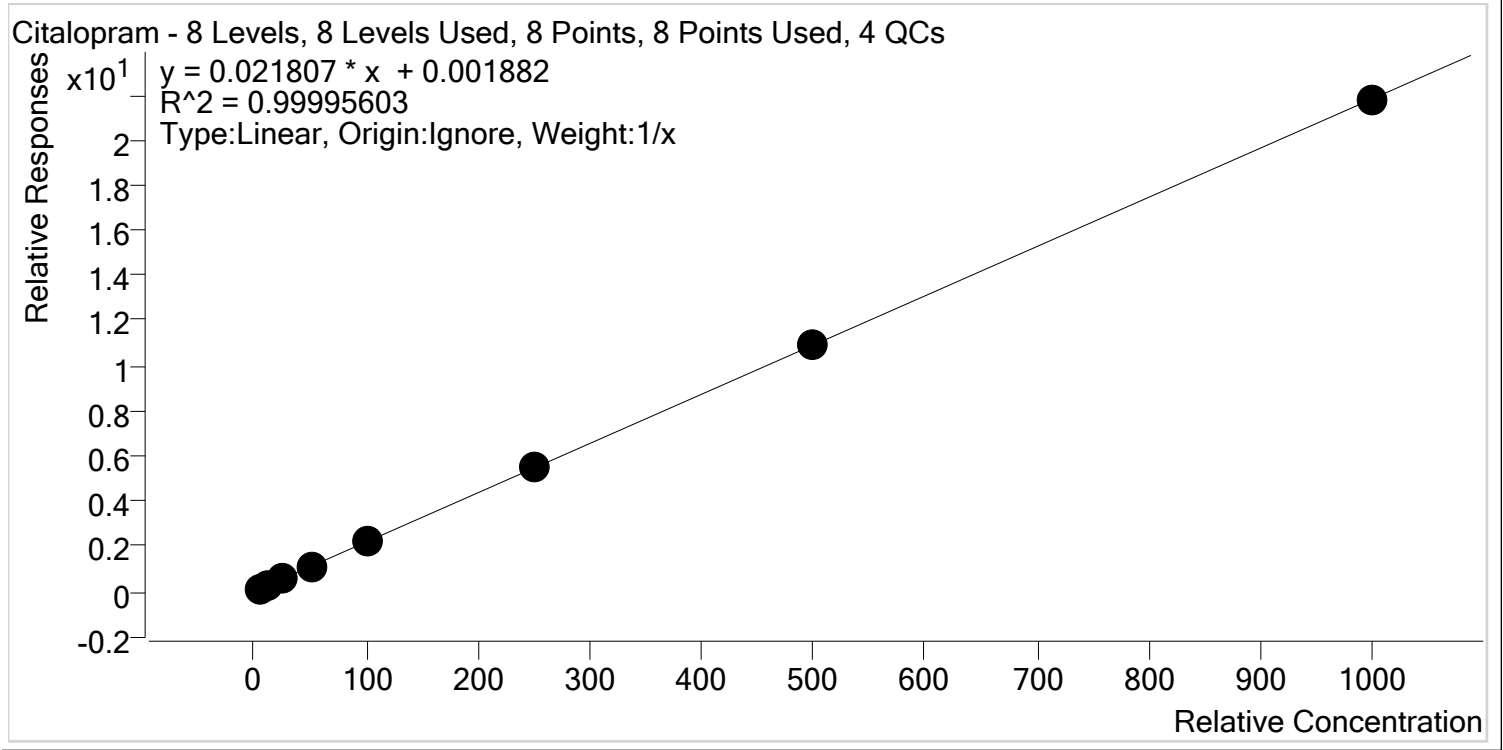


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.0
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1005.4	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	502.0	100.4
p1 Cal 8-1000ng	8	✓	1000.0	996.5	99.7

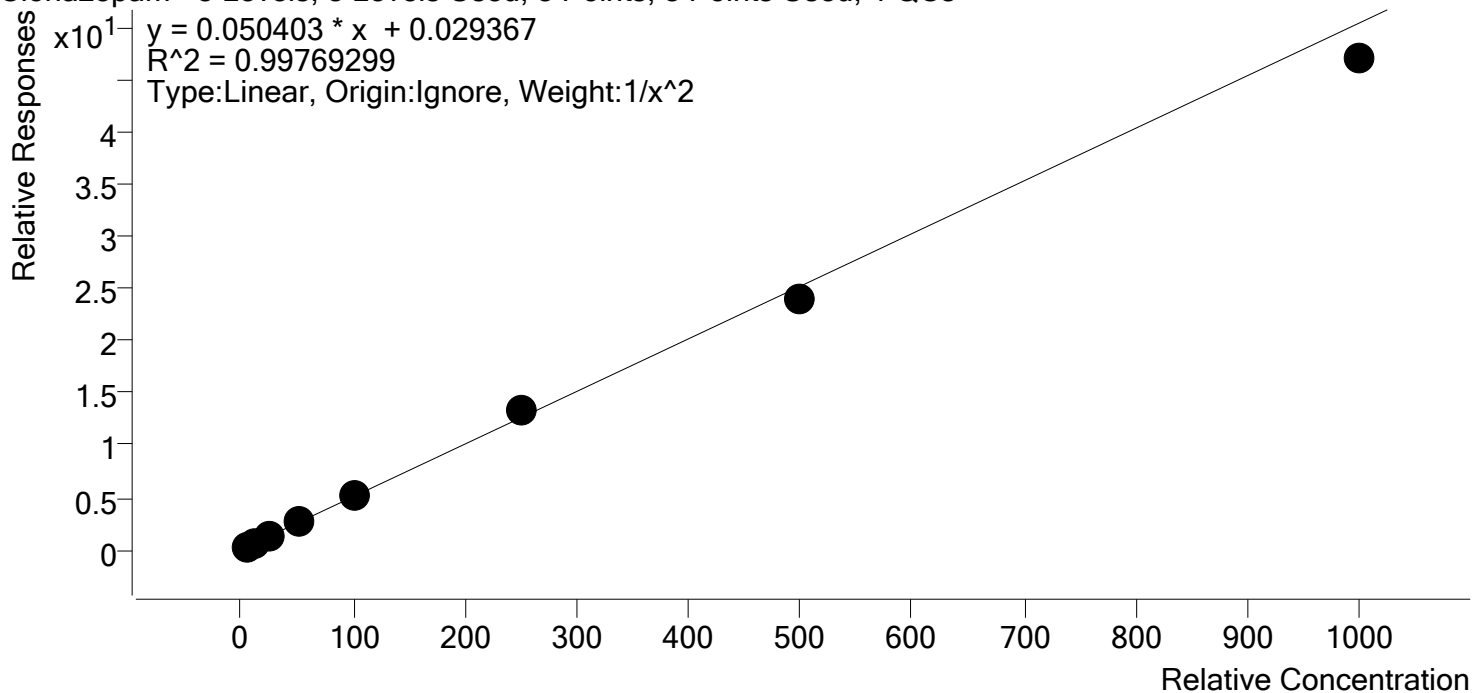
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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



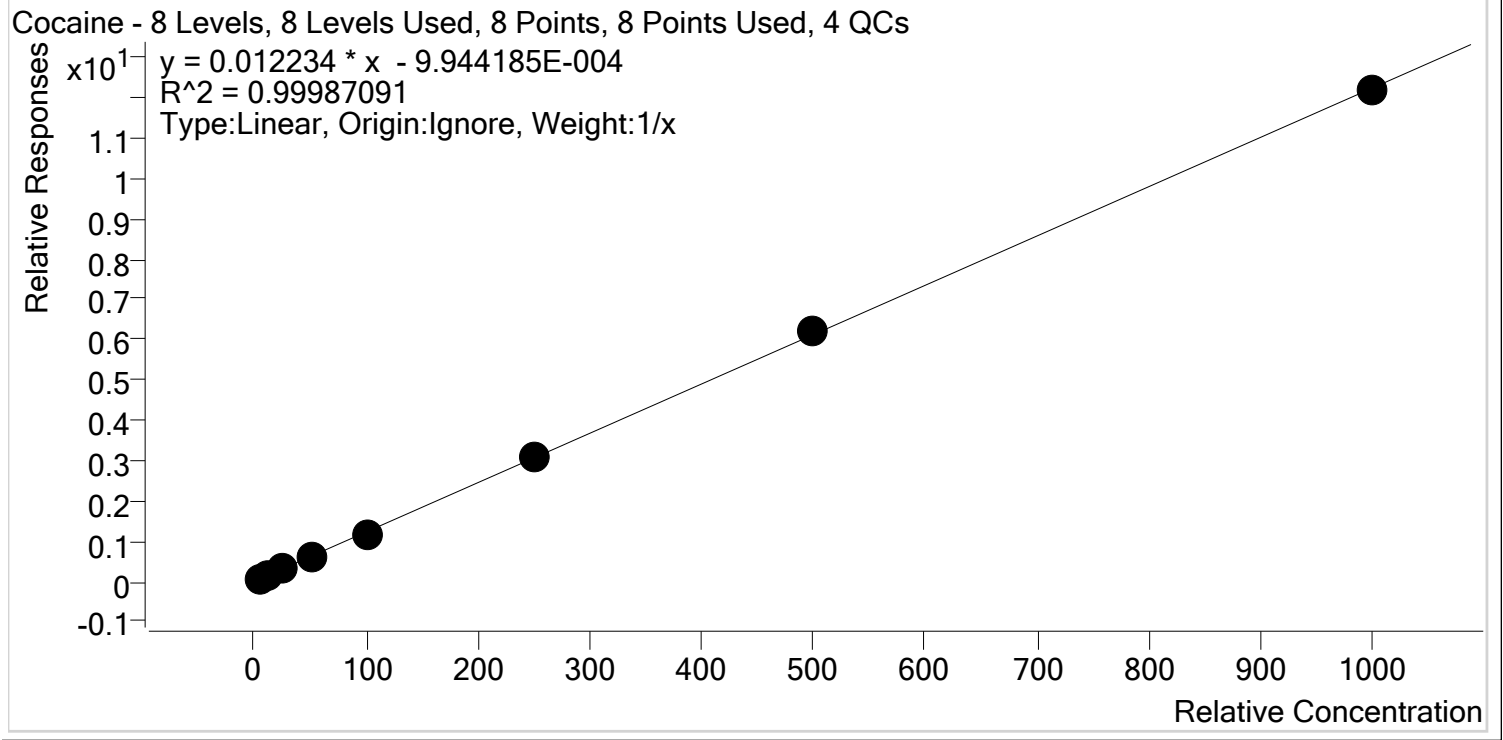
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	261.1	104.4
p1 Cal 7-500ng	7	✓	500.0	477.9	95.6
p1 Cal 8-1000ng	8	✓	1000.0	932.5	93.2

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

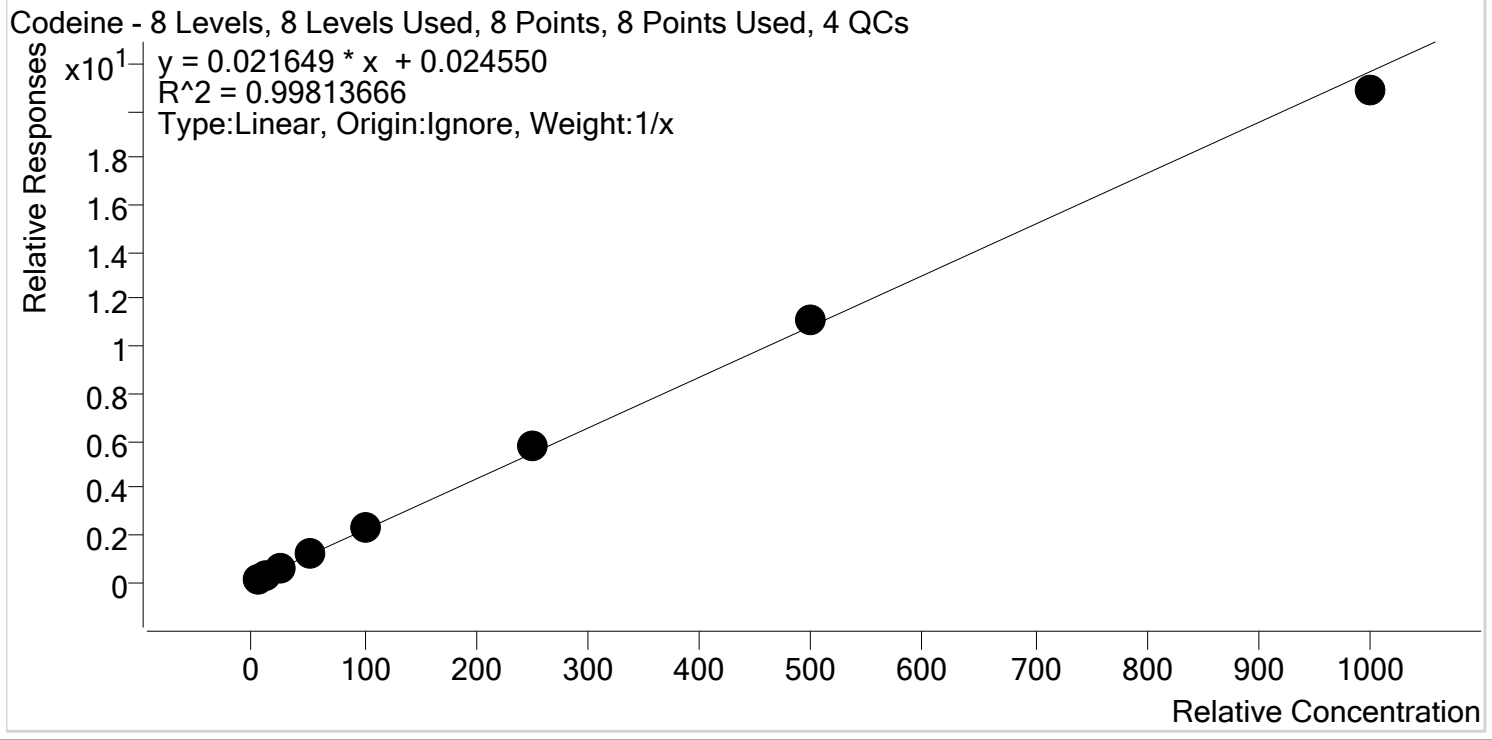


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	505.1	101.0
p1 Cal 8-1000ng	8	✓	1000.0	995.0	99.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 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	4.4	88.0
p1 Cal 2- 10ng	2	✓	10.0	9.5	95.1
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	266.8	106.7
p1 Cal 7-500ng	7	✓	500.0	515.5	103.1
p1 Cal 8-1000ng	8	✓	1000.0	962.7	96.3

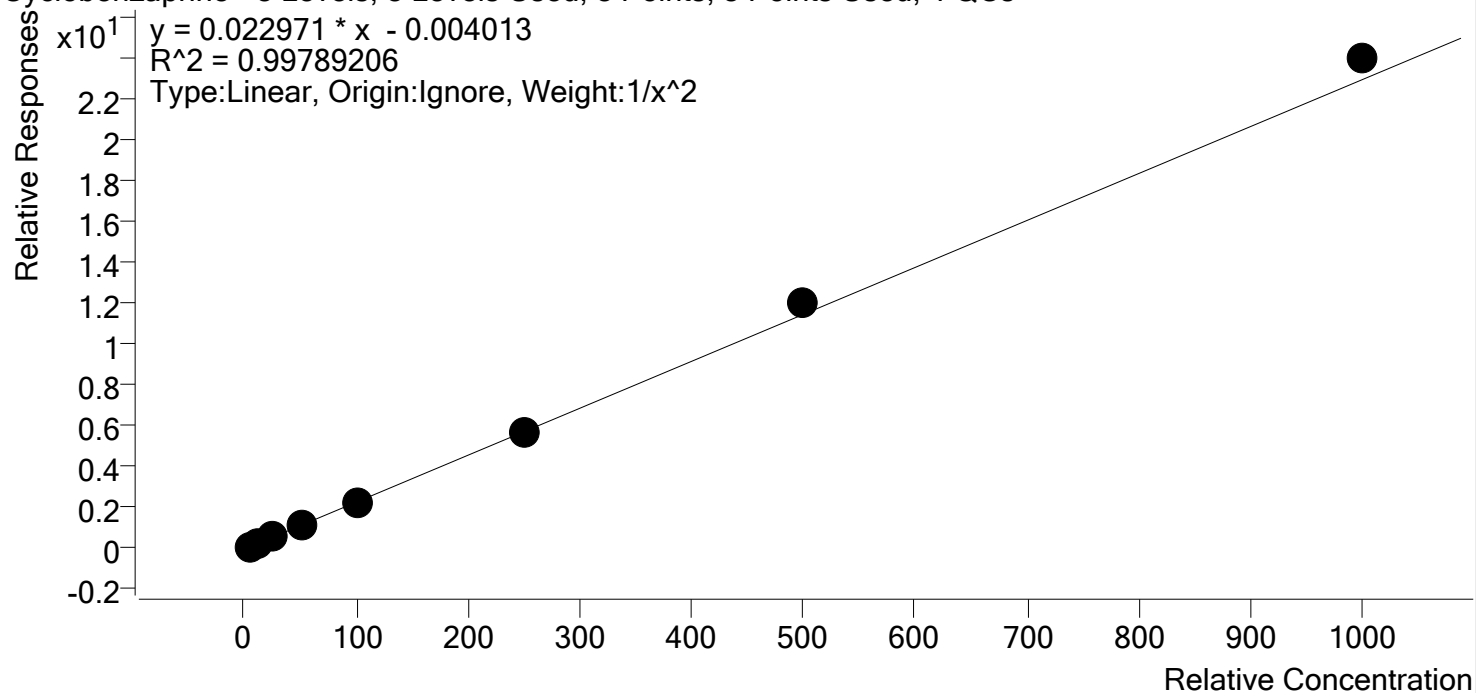
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



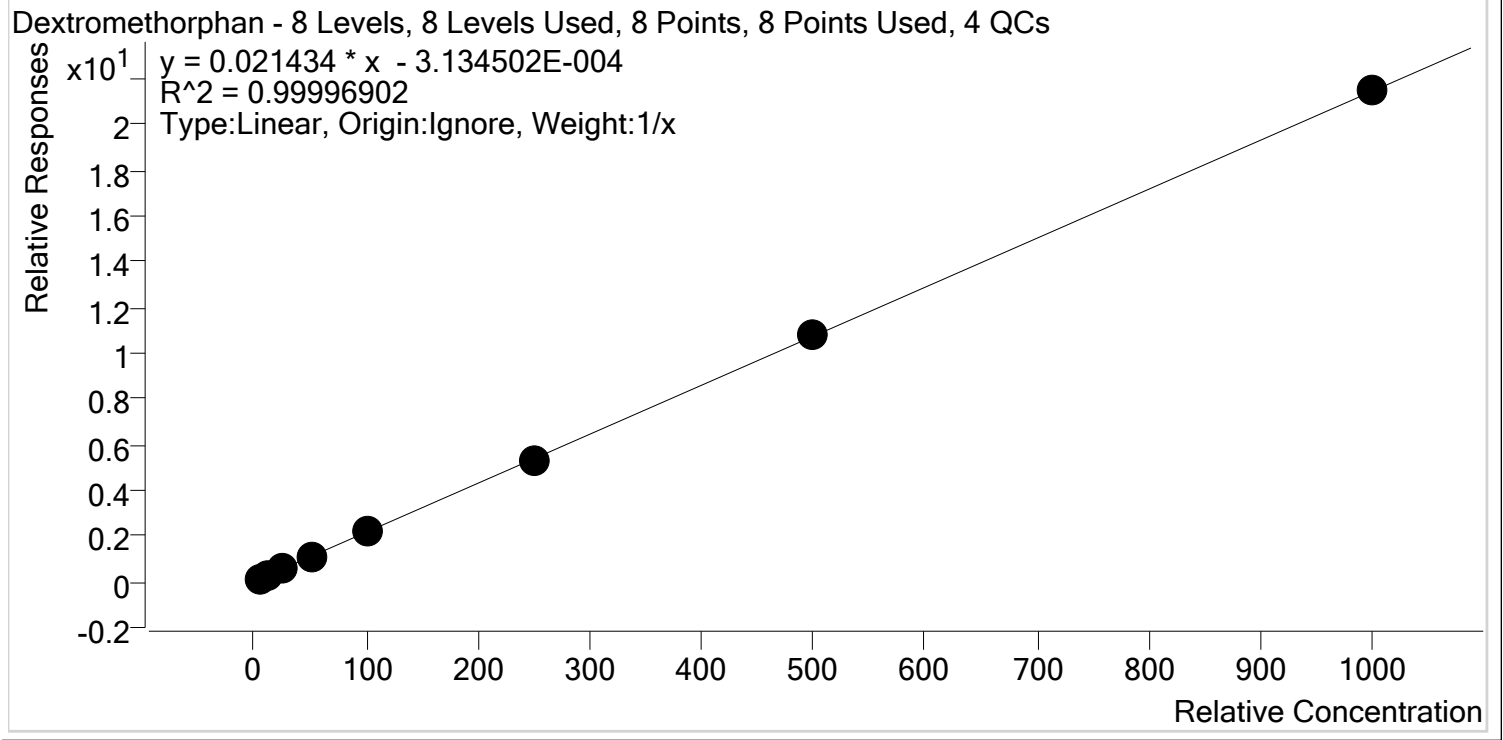
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2- 10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	526.2	105.2
p1 Cal 8-1000ng	8	✓	1000.0	1044.9	104.5

5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

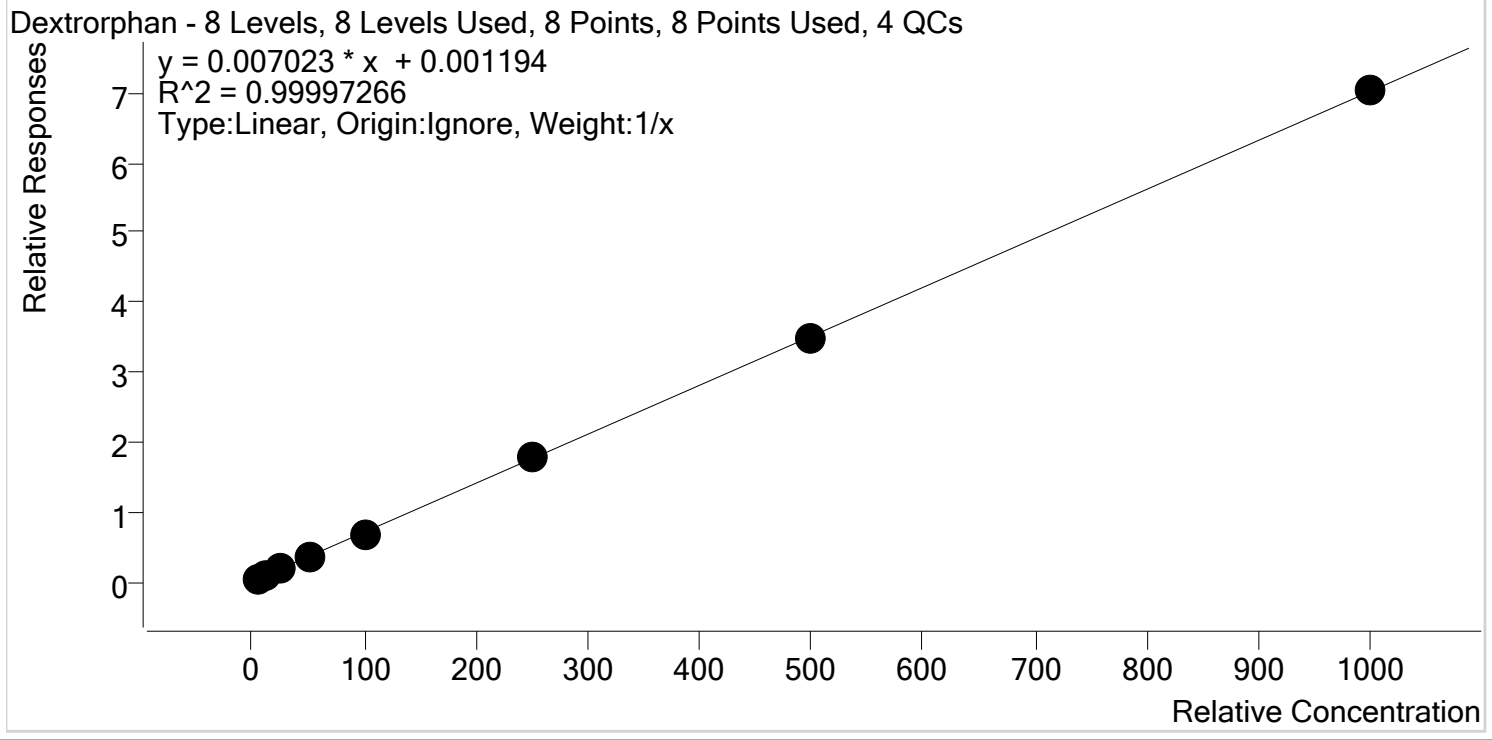


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	501.6	100.3
p1 Cal 8-1000ng	8	✓	1000.0	1001.4	100.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



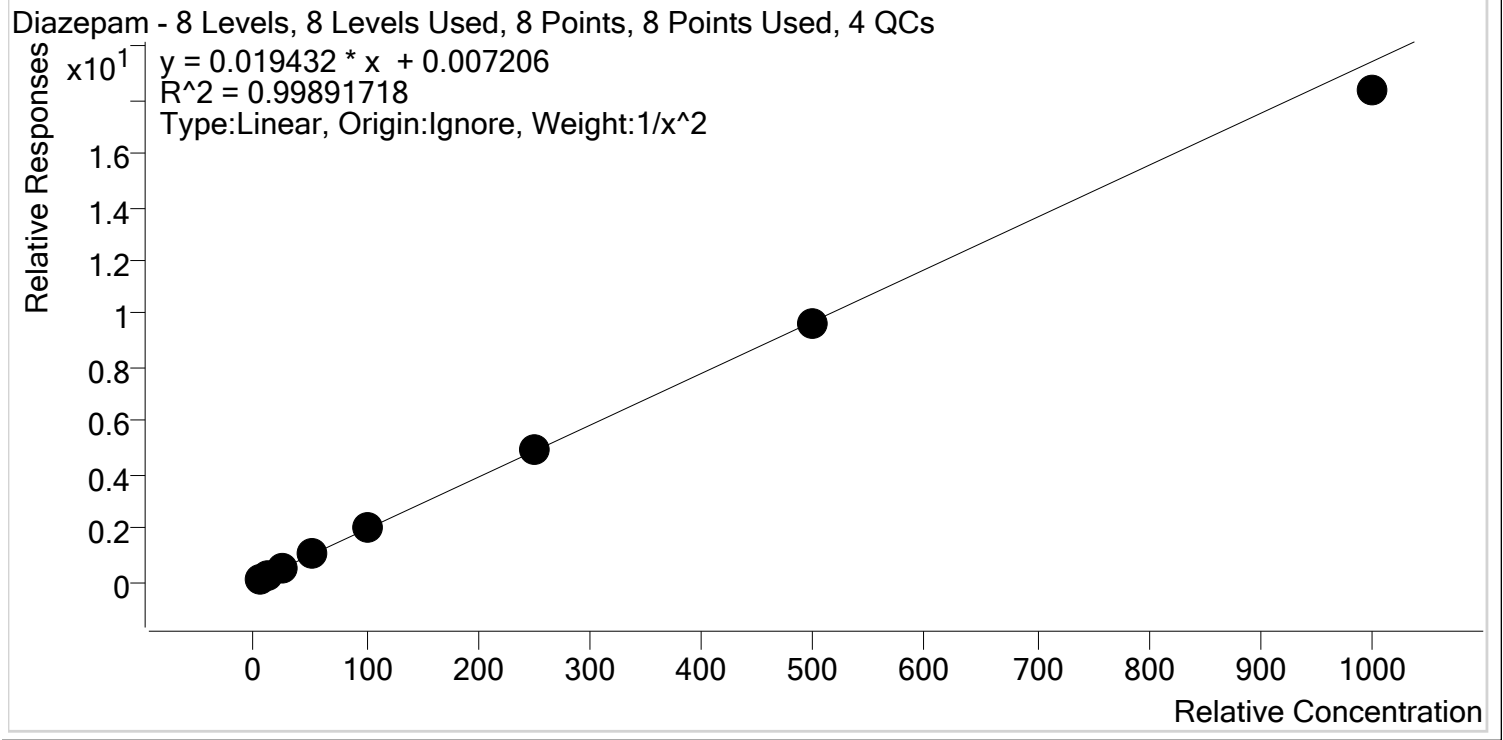
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng	7	✓	500.0	499.0	99.8
p1 Cal 8-1000ng	8	✓	1000.0	1001.8	100.2

SD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

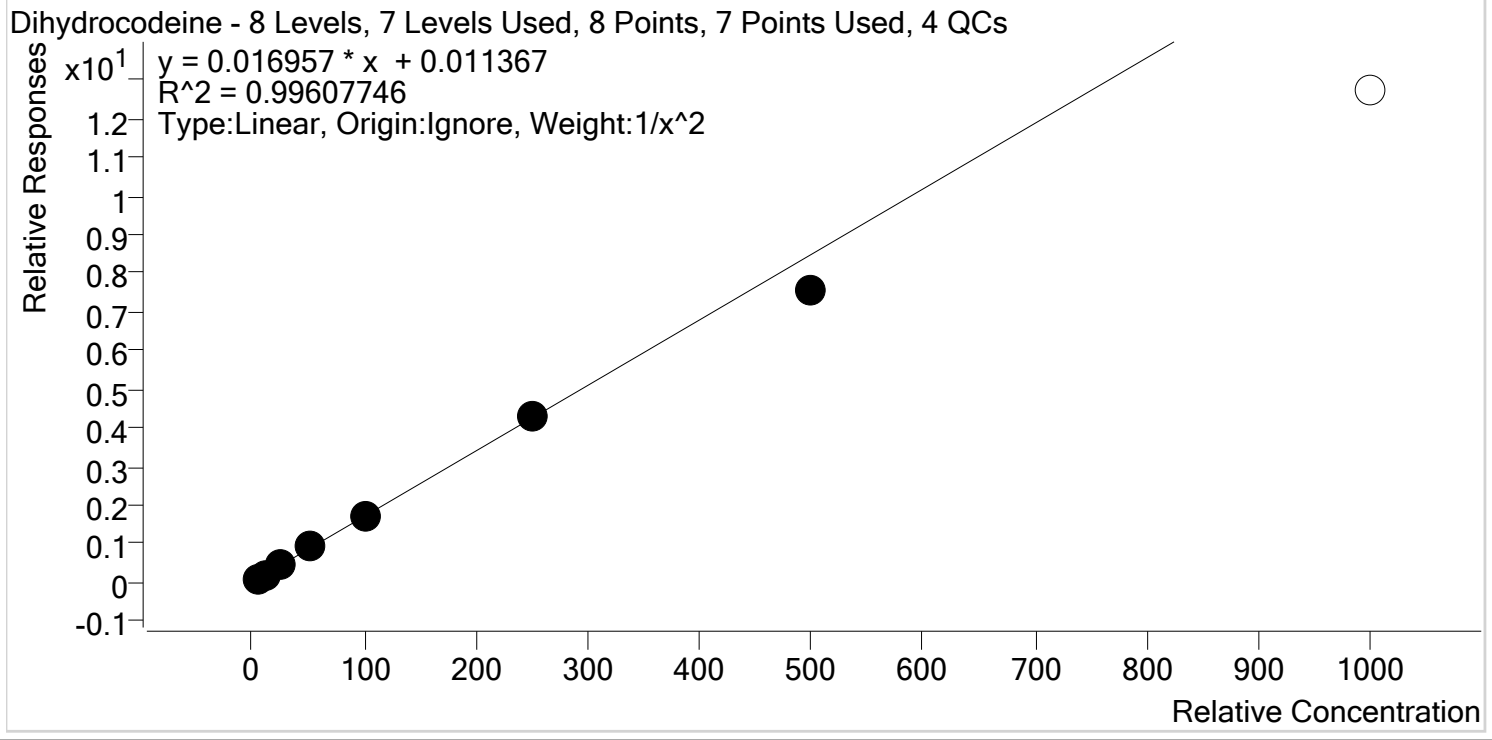


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	52.2	104.3
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	493.9	98.8
p1 Cal 8-1000ng	8	✓	1000.0	944.0	94.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

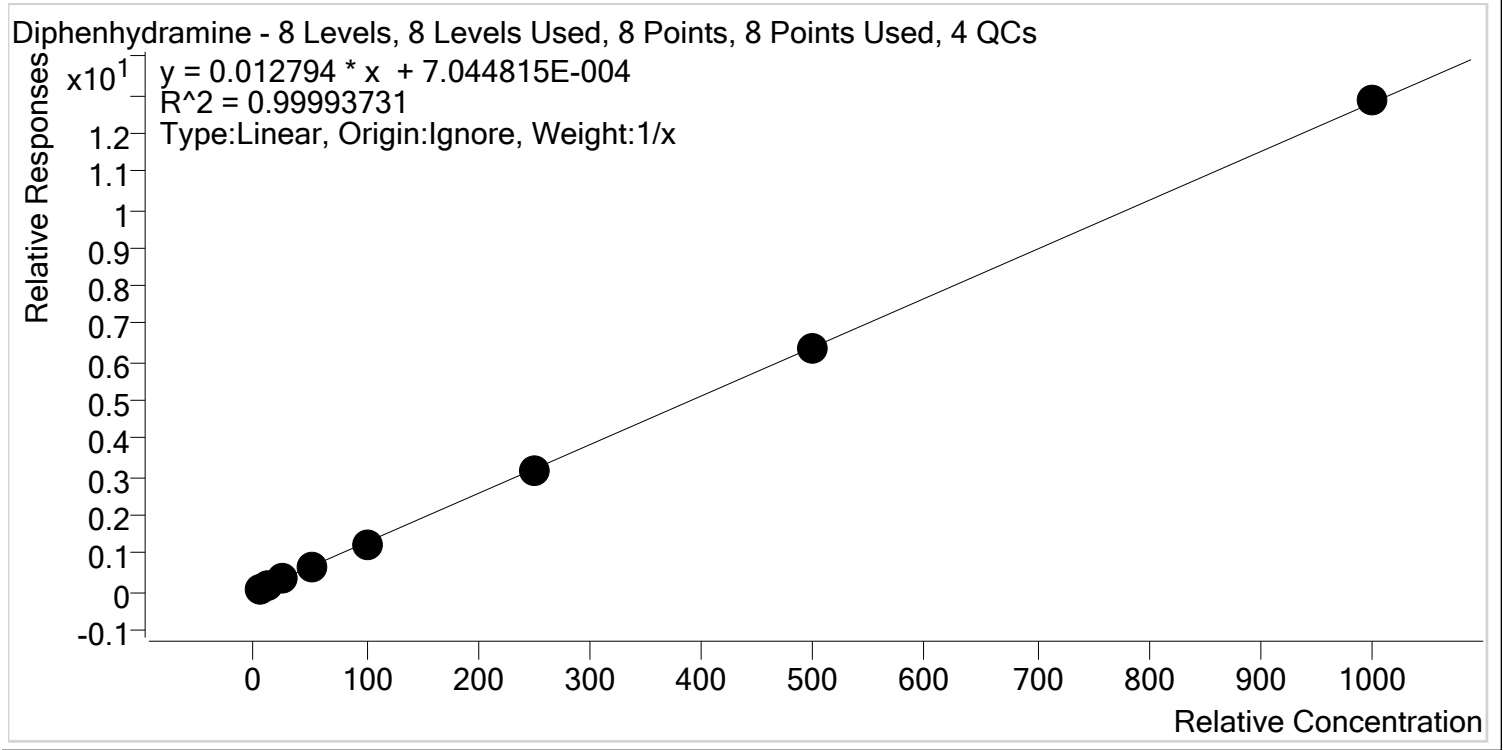


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	446.5	89.3
p1 Cal 8-1000ng	8	✗	1000.0	750.1	75.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

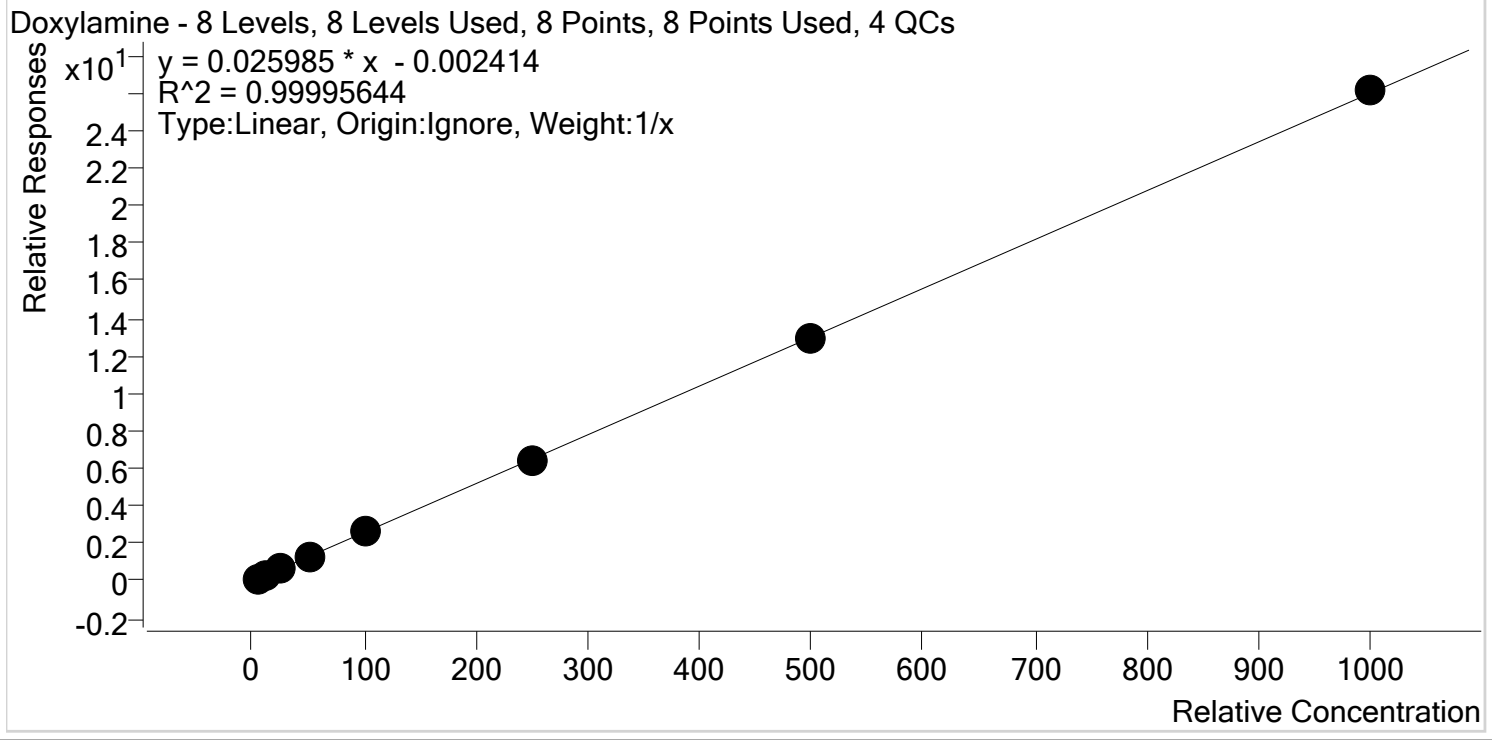


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	500.1	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1004.7	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

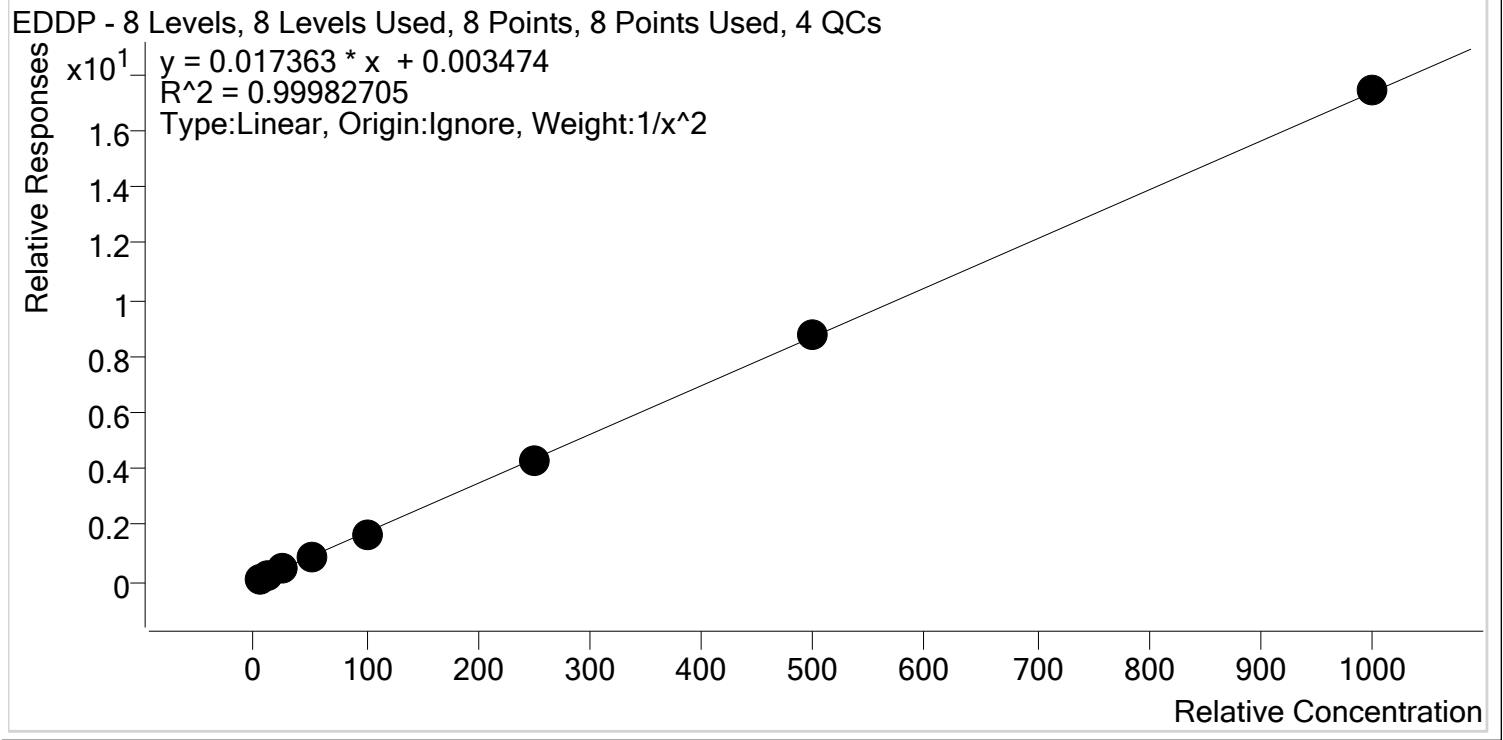


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	496.6	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1005.4	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

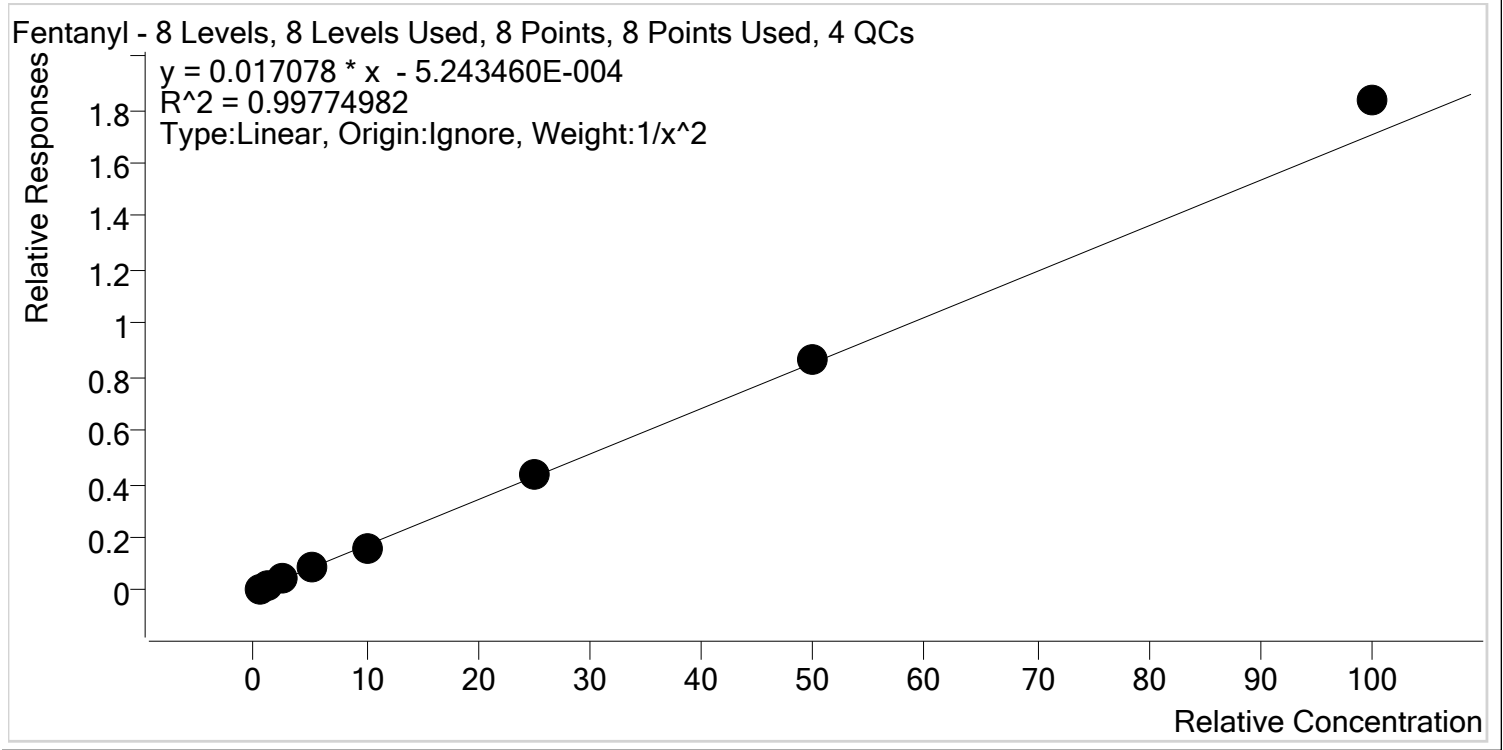


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	506.4	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1003.6	100.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



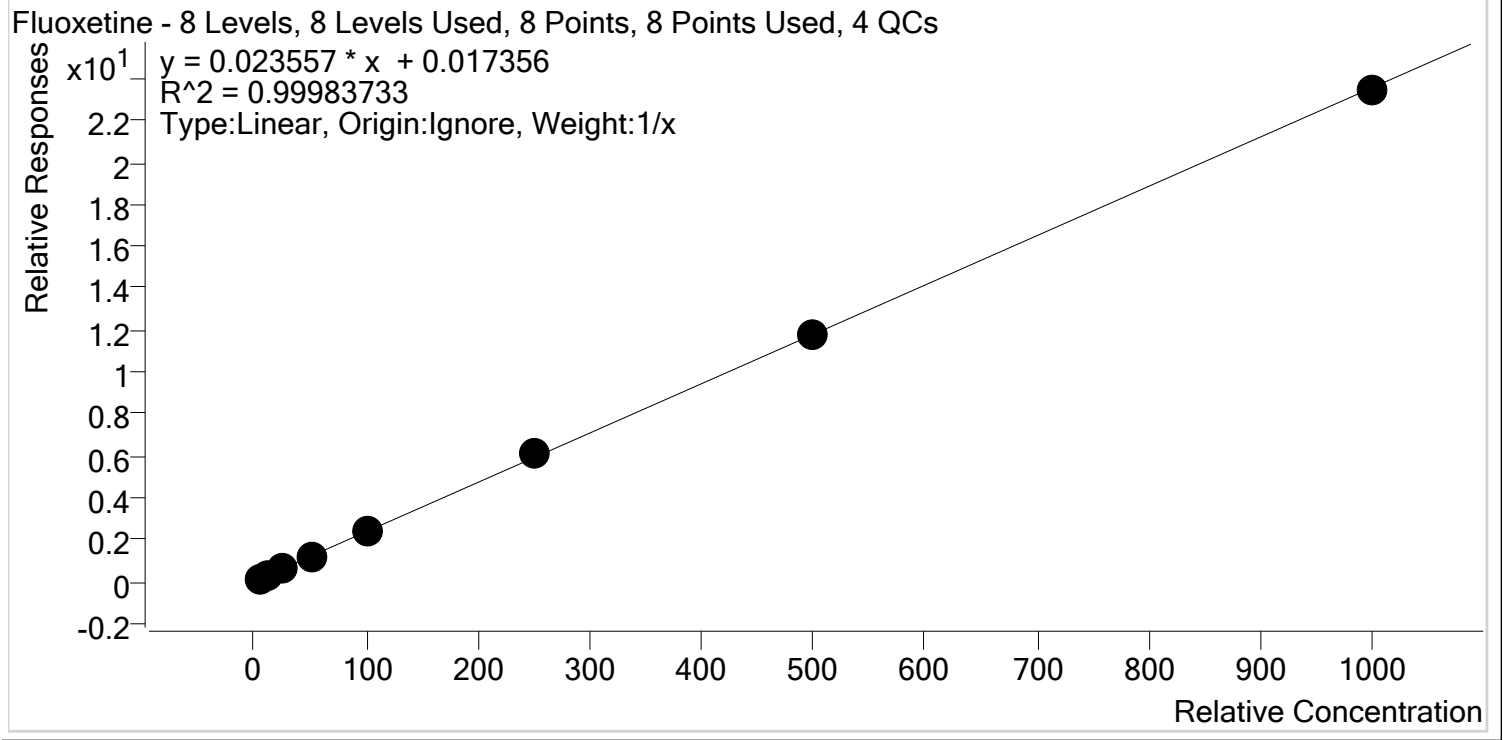
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.3
p1 Cal 2- 10ng	2	✓	1.0	1.0	97.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.7
p1 Cal 4-50ng	4	✓	5.0	4.9	99.0
p1 Cal 5-100ng	5	✓	10.0	9.4	93.8
p1 Cal 6-250ng	6	✓	25.0	25.2	100.6
p1 Cal 7-500ng	7	✓	50.0	51.1	102.1
p1 Cal 8-1000ng	8	✓	100.0	107.5	107.5

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



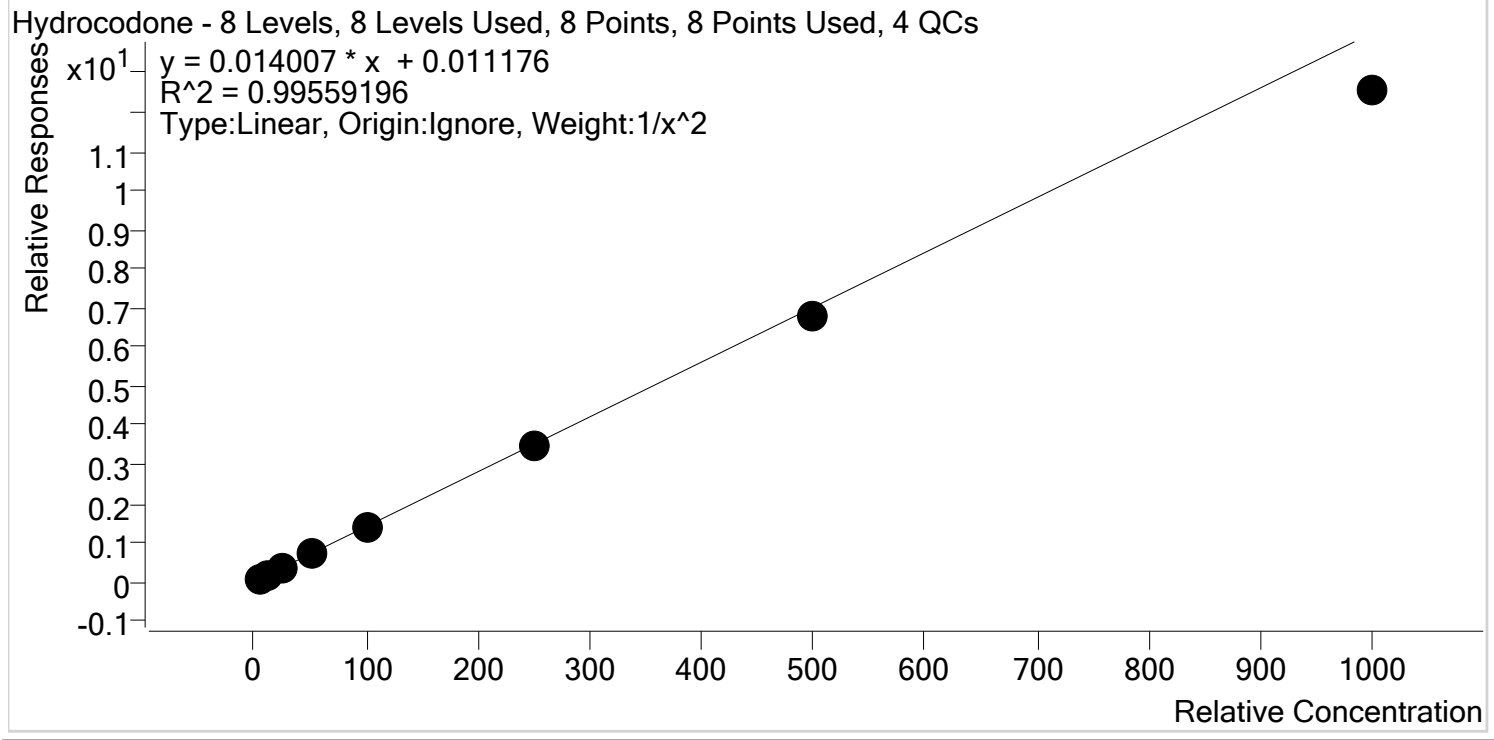
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2- 10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.8
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	497.7	99.5
p1 Cal 8-1000ng	8	✓	1000.0	994.1	99.4

S



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



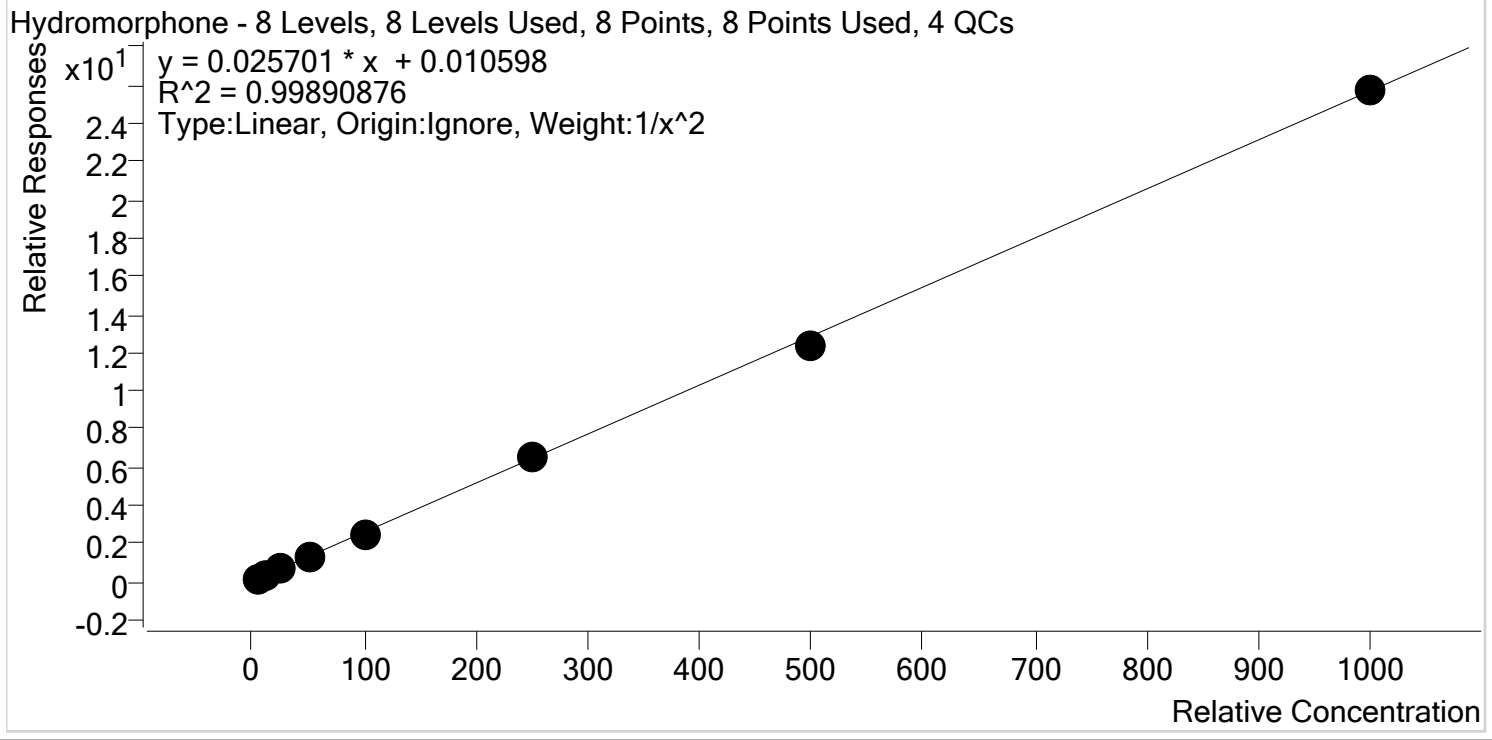
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	54.4	108.7
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	482.7	96.5
p1 Cal 8-1000ng	8	✓	1000.0	895.2	89.5

SS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



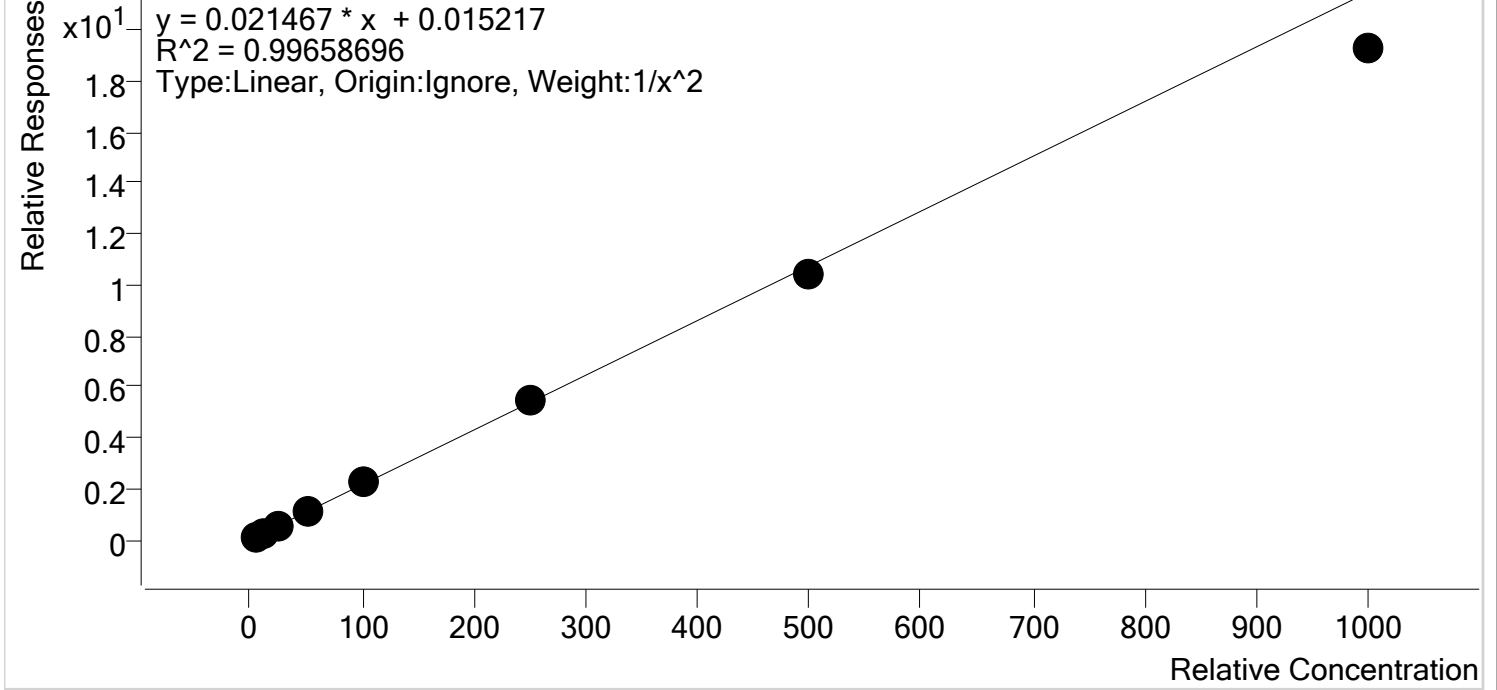
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	482.1	96.4
p1 Cal 8-1000ng	8	✓	1000.0	1000.7	100.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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

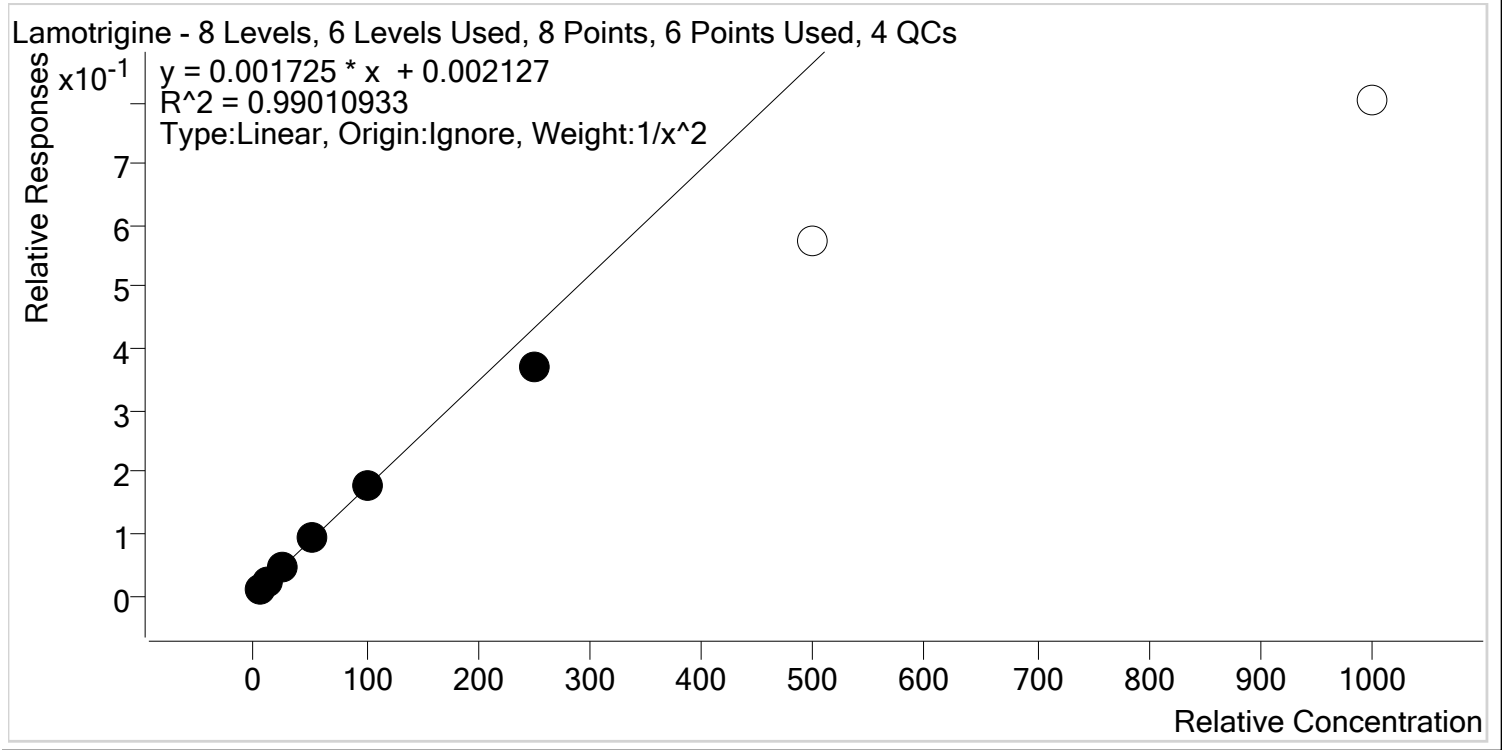


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	53.2	106.3
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	257.1	102.8
p1 Cal 7-500ng	7	✓	500.0	484.7	96.9
p1 Cal 8-1000ng	8	✓	1000.0	897.0	89.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4

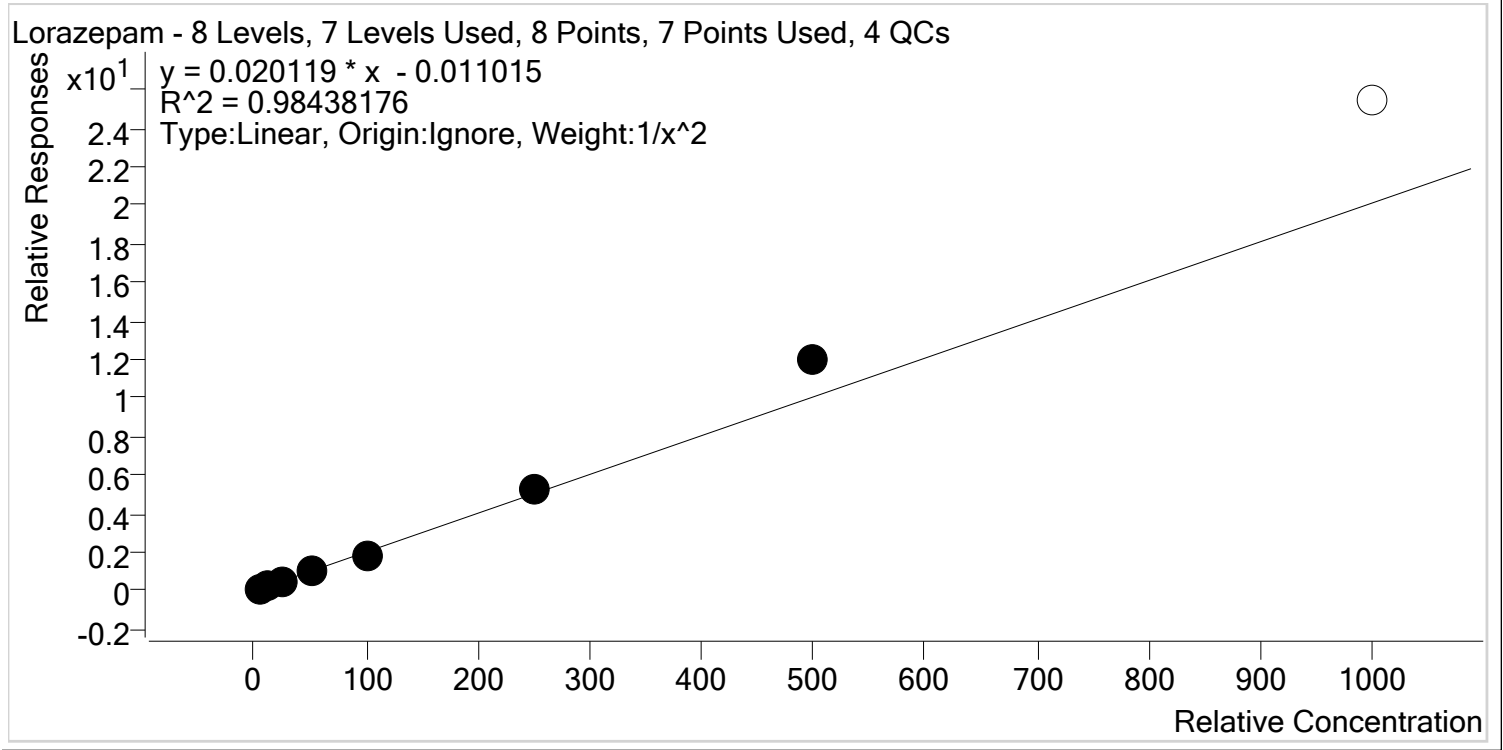


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	214.2	85.7
p1 Cal 7-500ng	7	x	500.0	332.9	66.6
p1 Cal 8-1000ng	8	x	1000.0	464.2	46.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.7
p1 Cal 2- 10ng	2	✓	10.0	9.1	91.5
p1 Cal 3 -25ng	3	✓	25.0	22.7	90.7
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	90.7	90.7
p1 Cal 6-250ng	6	✓	250.0	263.9	105.6
p1 Cal 7-500ng	7	✓	500.0	592.9	118.6
p1 Cal 8-1000ng	8	✗	1000.0	1264.1	126.4

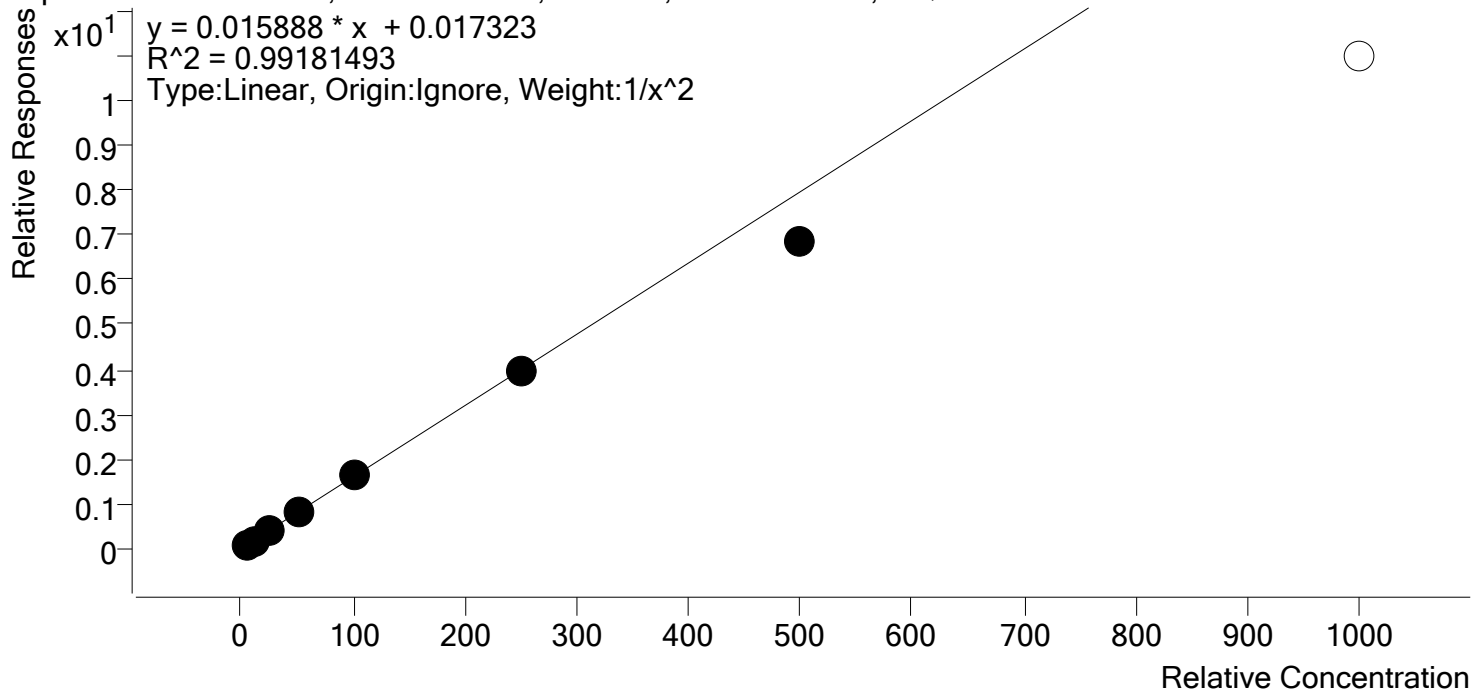
S



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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

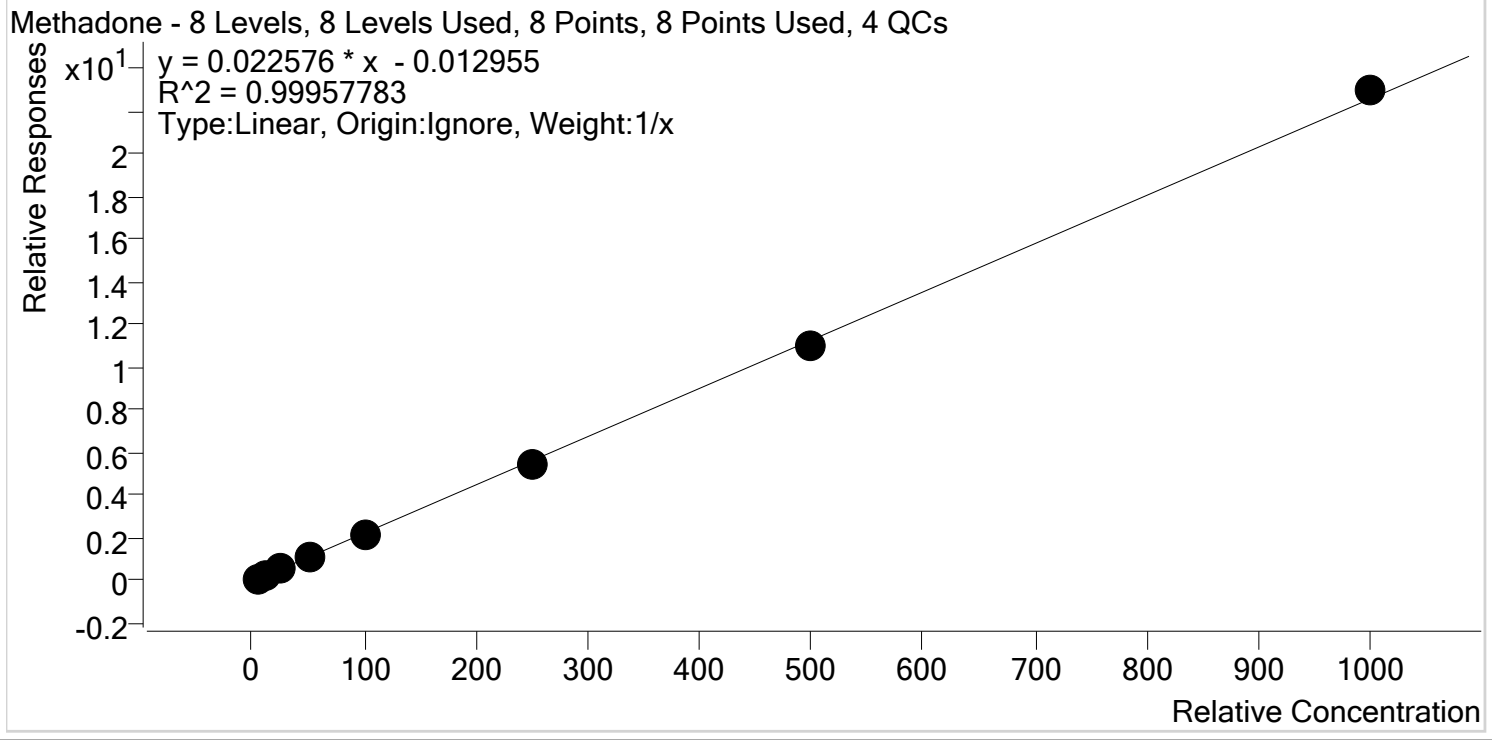


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2- 10ng	2	✓	10.0	10.5	104.5
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.2
p1 Cal 4-50ng	4	✓	50.0	53.2	106.3
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	428.5	85.7
p1 Cal 8-1000ng	8	x	1000.0	689.6	69.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



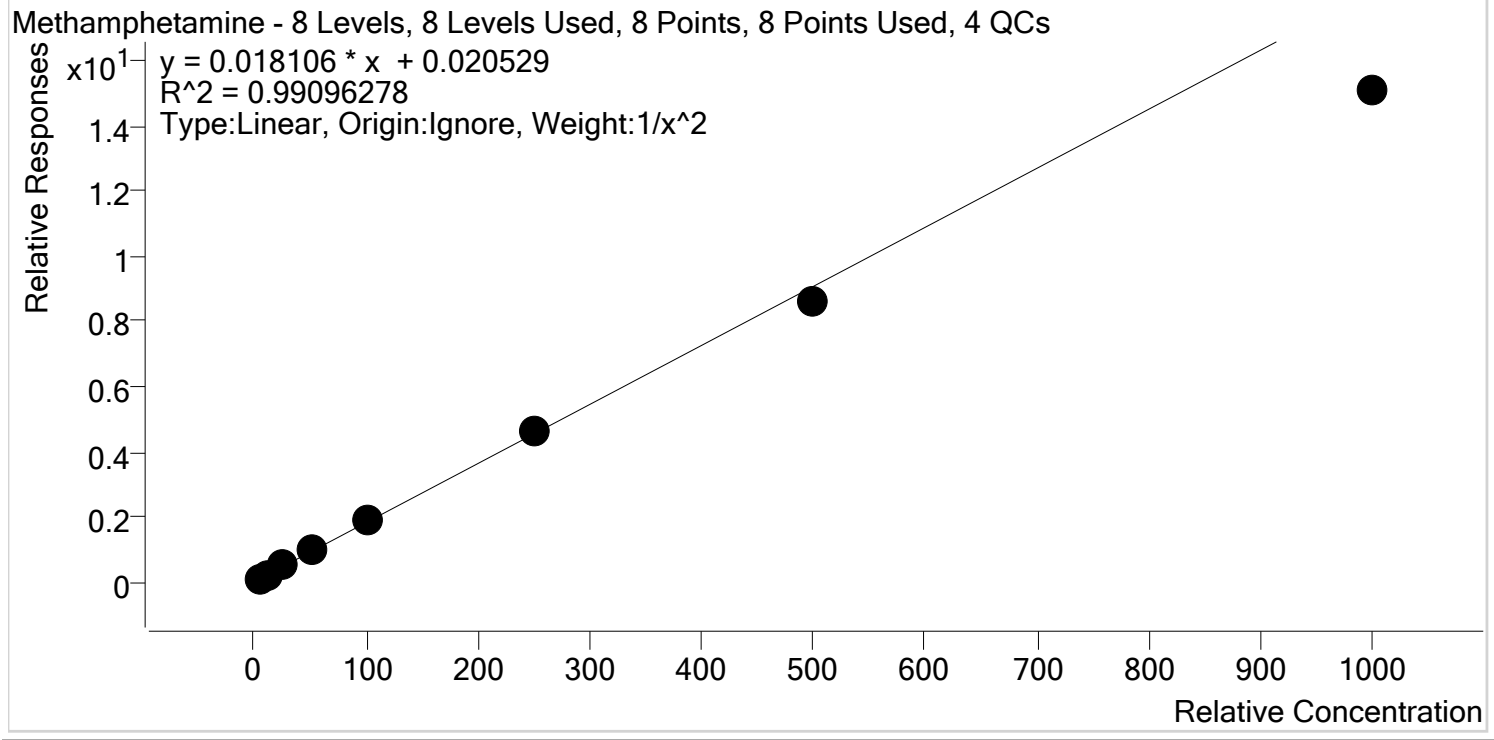
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	110.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	245.6	98.2
p1 Cal 7-500ng	7	✓	500.0	492.0	98.4
p1 Cal 8-1000ng	8	✓	1000.0	1017.3	101.7

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



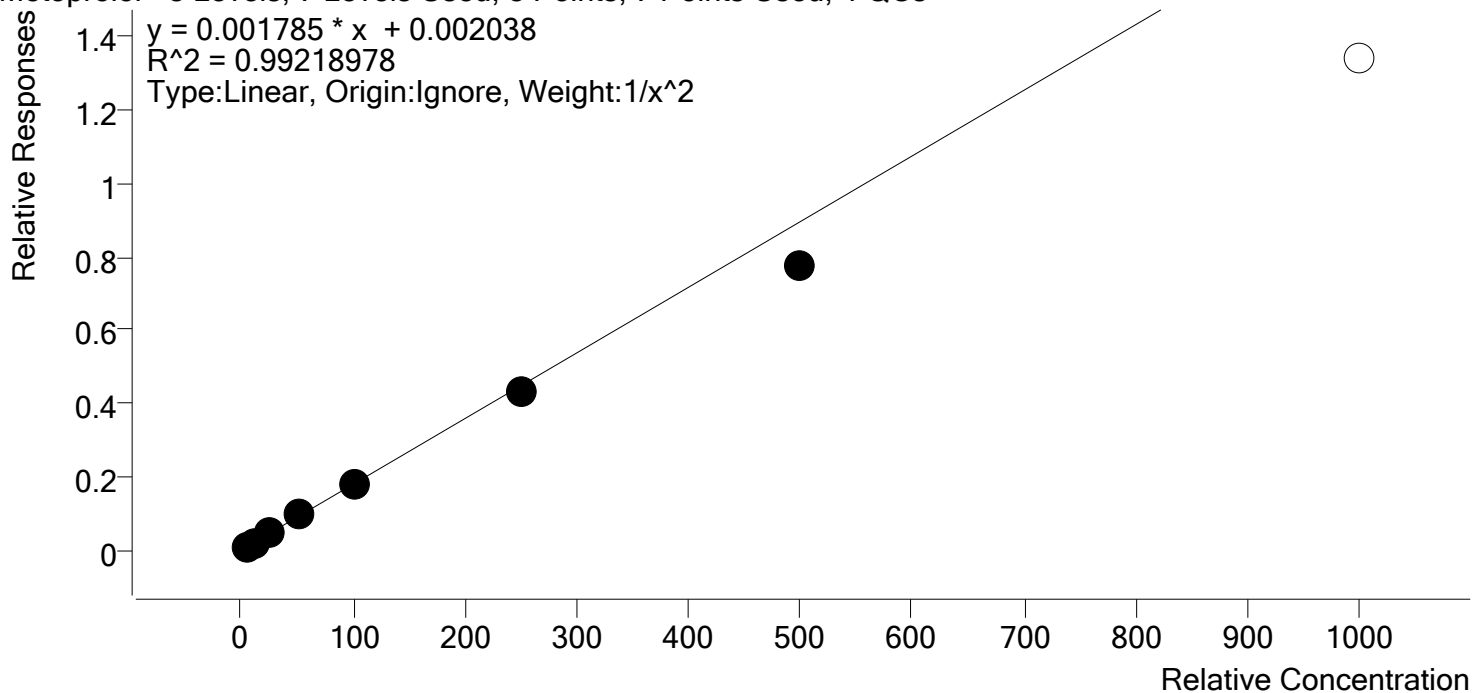
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	54.6	109.2
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	476.3	95.3
p1 Cal 8-1000ng	8	✓	1000.0	831.7	83.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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

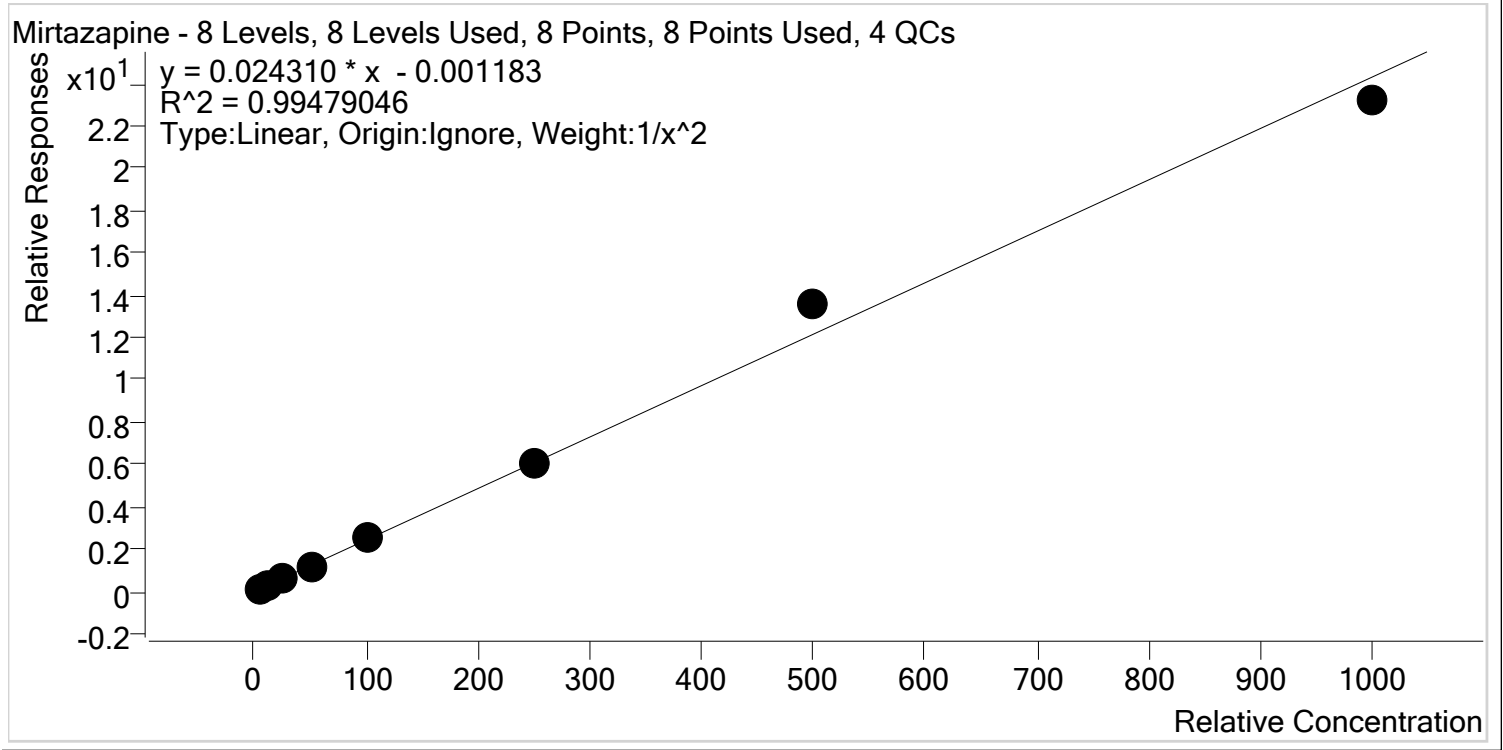


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	54.0	107.9
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	240.1	96.0
p1 Cal 7-500ng	7	✓	500.0	435.1	87.0
p1 Cal 8-1000ng	8	✗	1000.0	748.3	74.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

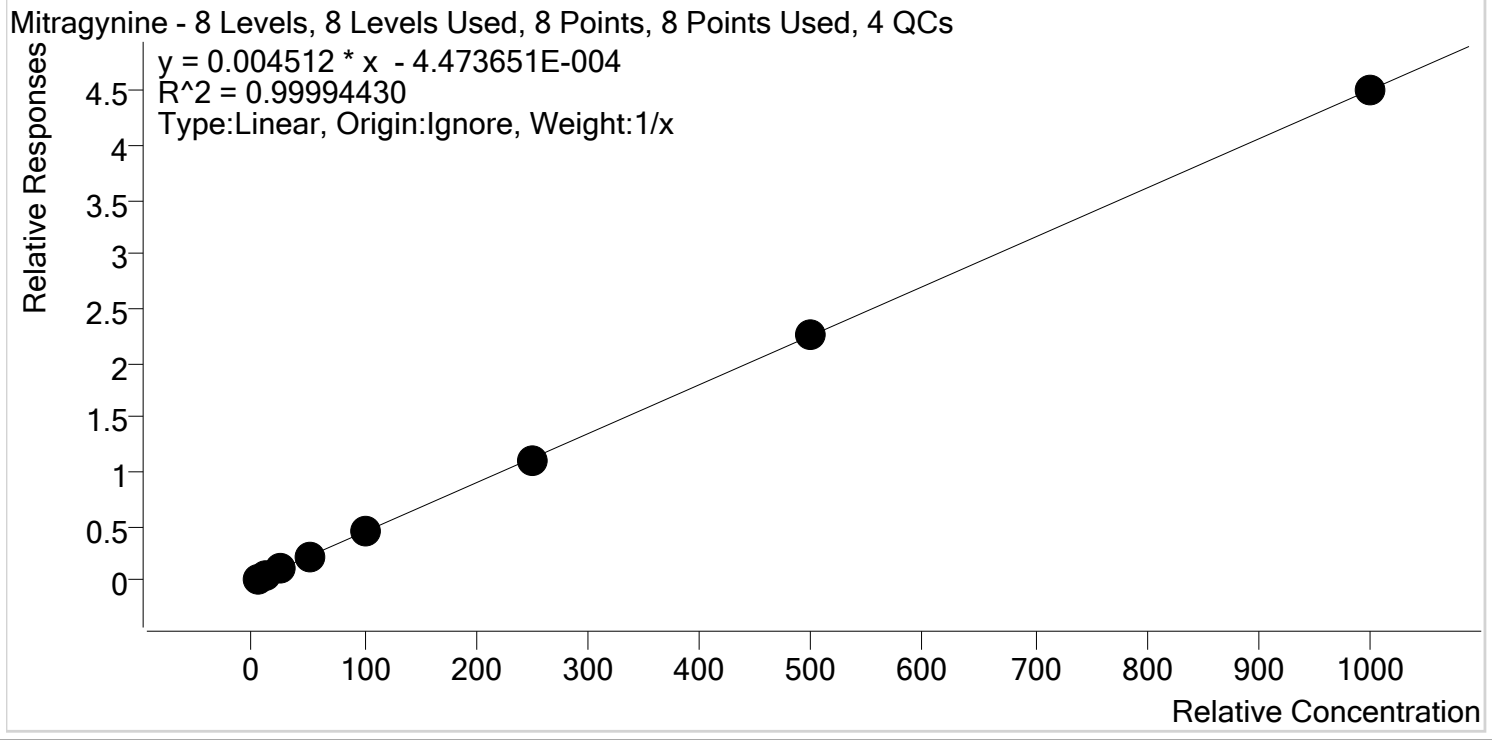


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2- 10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
p1 Cal 4-50ng	4	✓	50.0	47.4	94.8
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	558.9	111.8
p1 Cal 8-1000ng	8	✓	1000.0	954.2	95.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

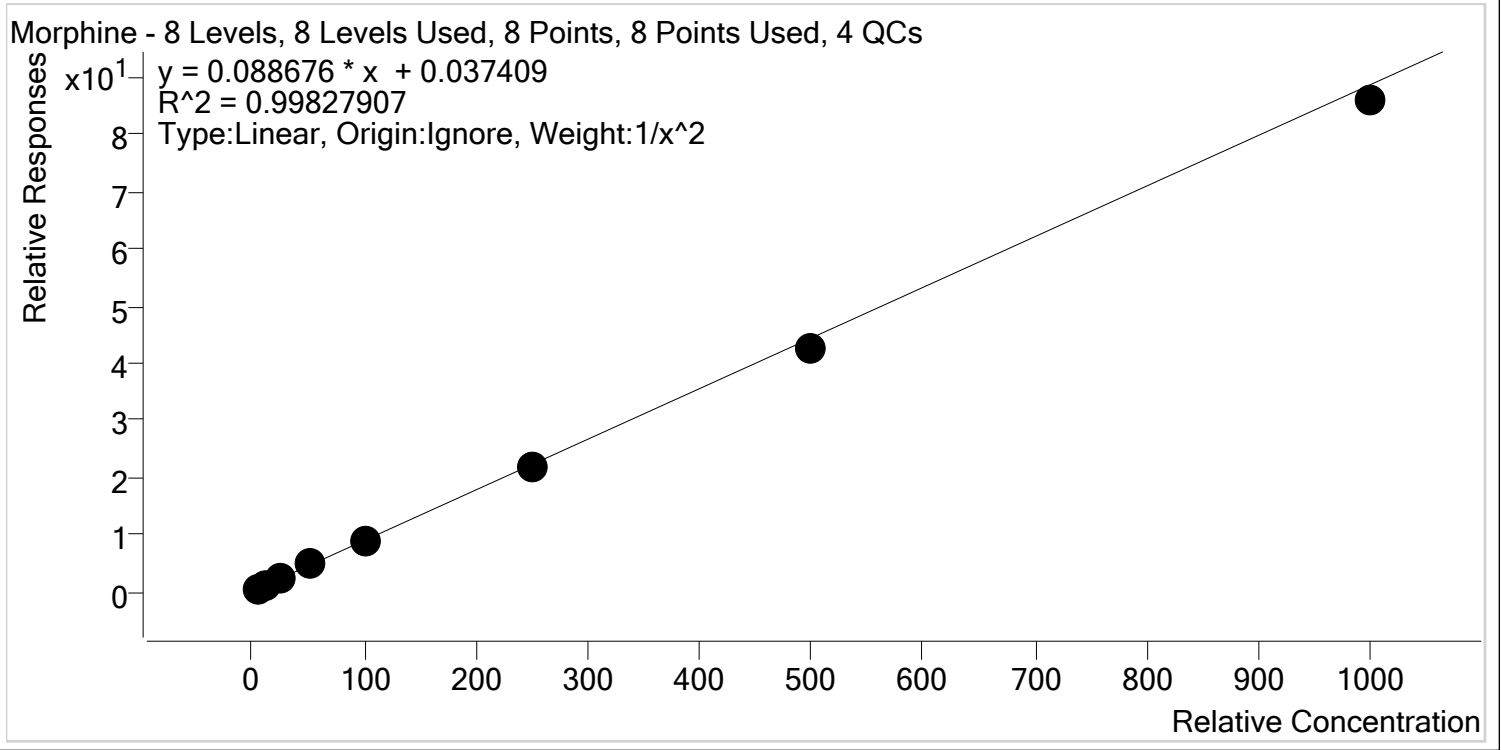


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	503.1	100.6
p1 Cal 8-1000ng	8	✓	1000.0	998.6	99.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



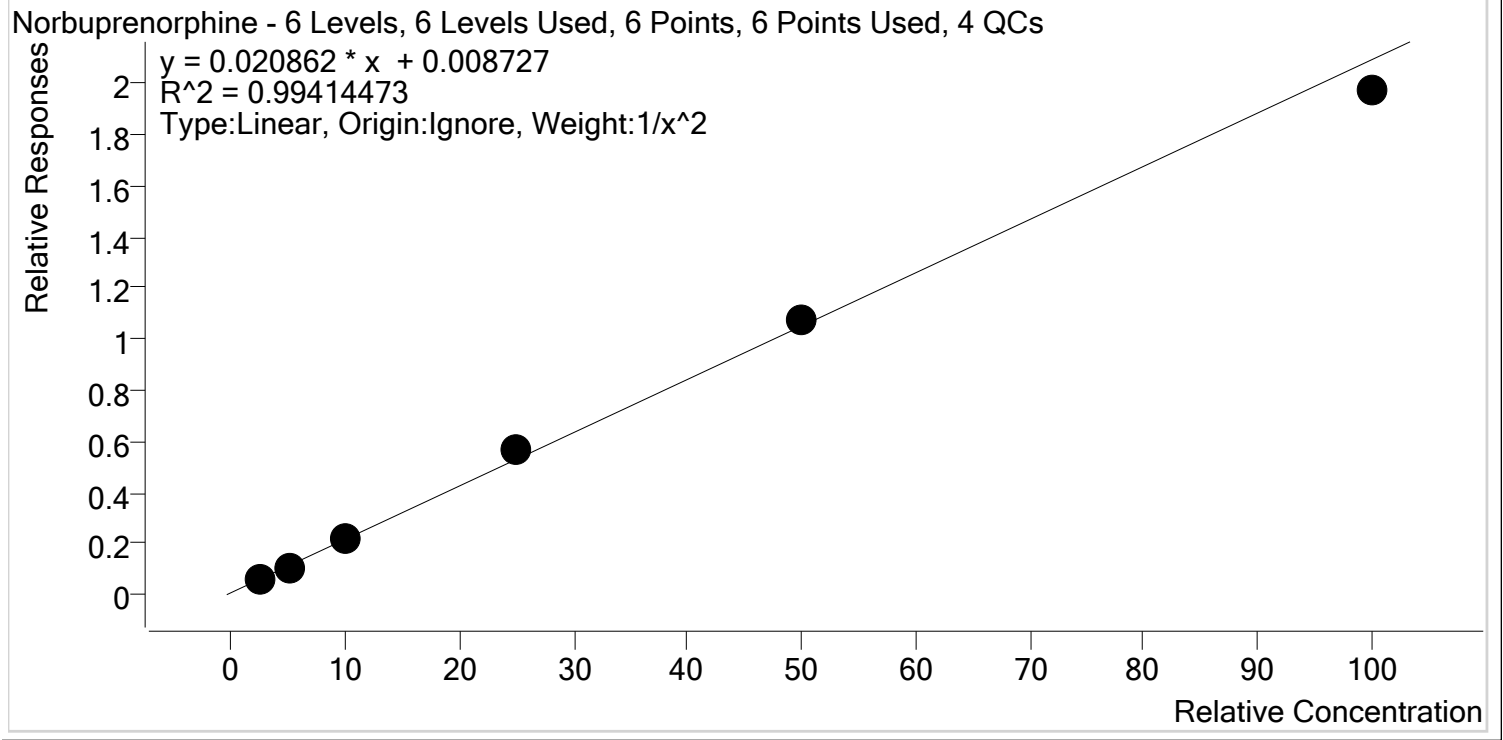
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	53.3	106.7
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	479.6	95.9
p1 Cal 8-1000ng	8	✓	1000.0	968.8	96.9

5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



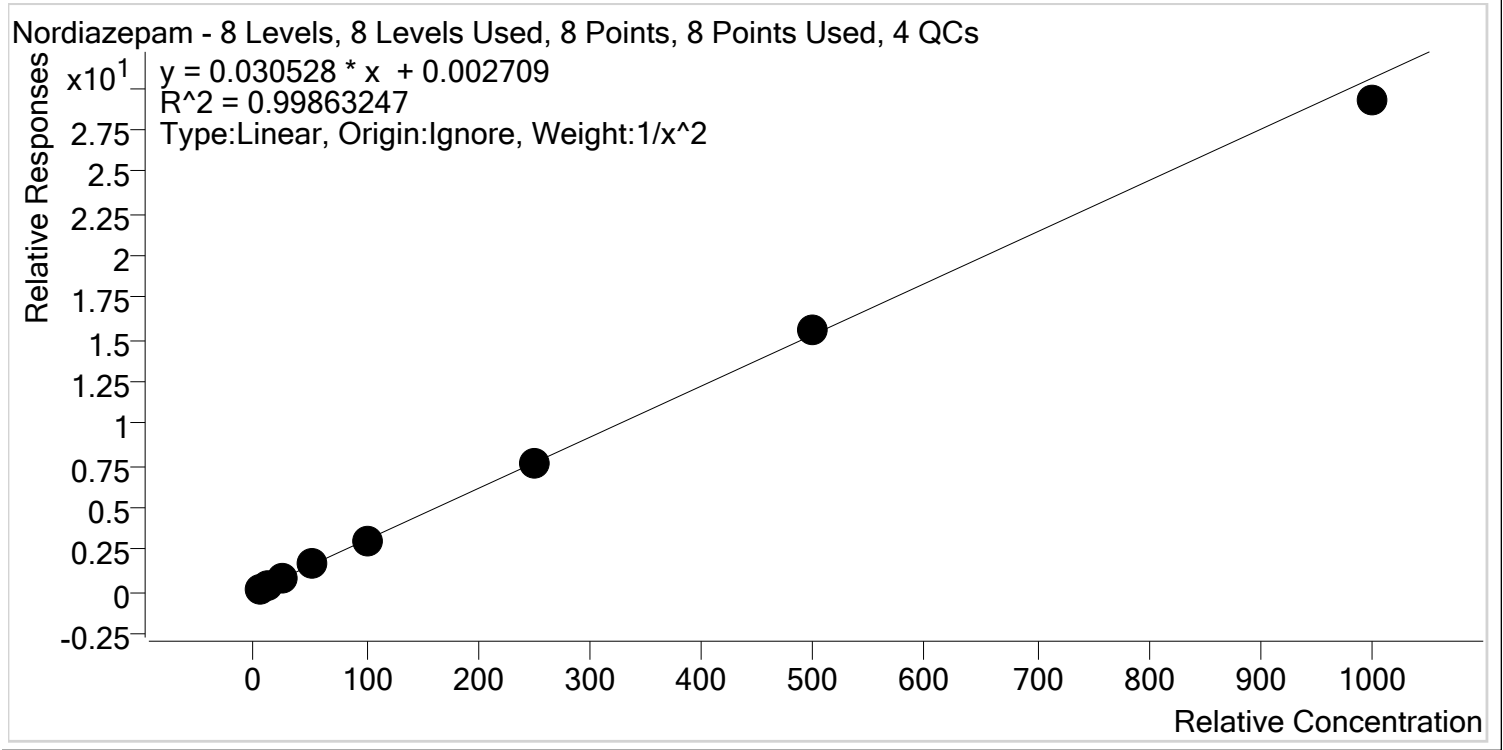
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 3 -25ng	3	✓	2.5	2.6	103.2
p1 Cal 4-50ng	4	✓	5.0	4.6	91.9
p1 Cal 5-100ng	5	✓	10.0	10.0	99.9
p1 Cal 6-250ng	6	✓	25.0	27.2	108.6
p1 Cal 7-500ng	7	✓	50.0	51.1	102.2
p1 Cal 8-1000ng	8	✓	100.0	94.2	94.2

S



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

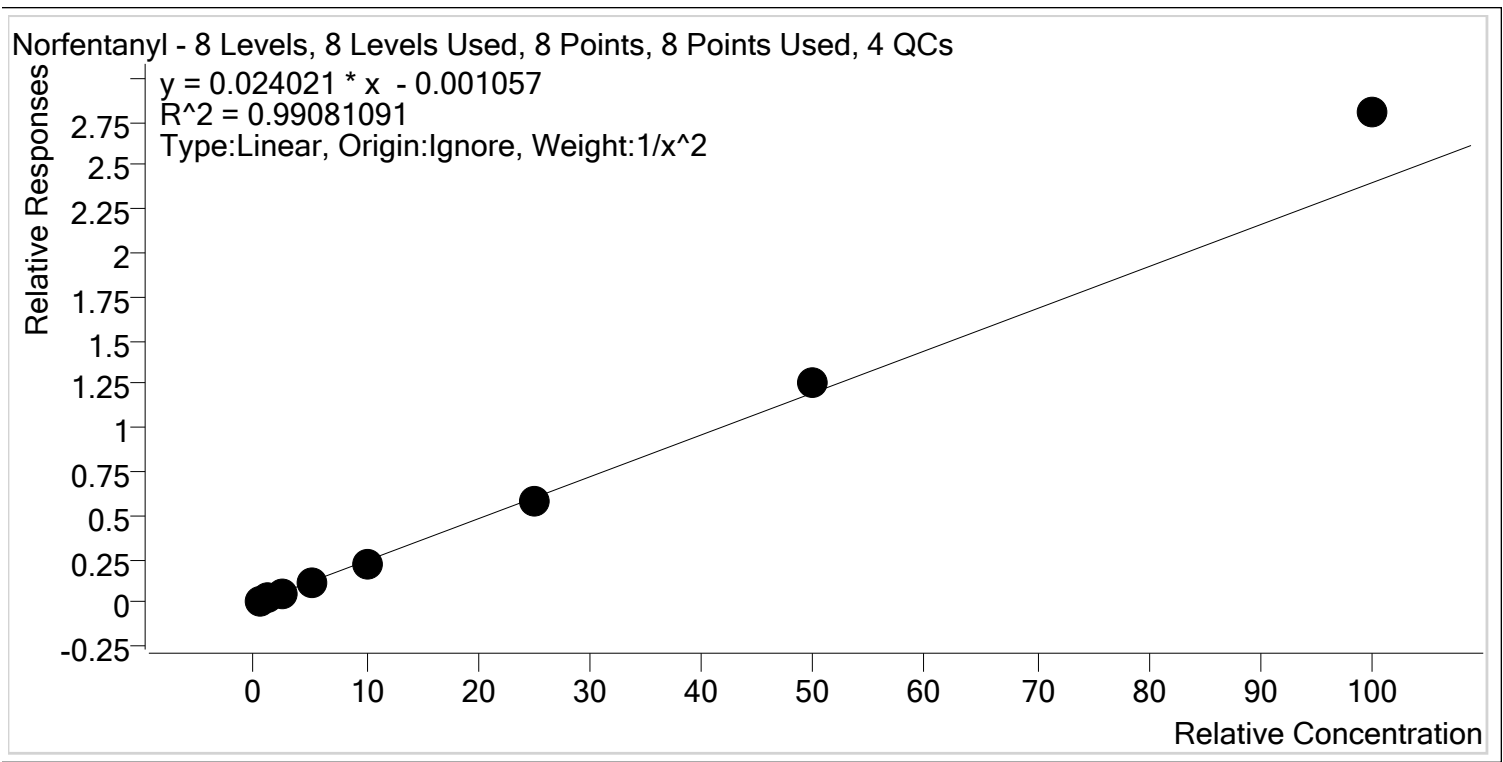


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2- 10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	247.1	98.8
p1 Cal 7-500ng	7	✓	500.0	507.3	101.5
p1 Cal 8-1000ng	8	✓	1000.0	956.2	95.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



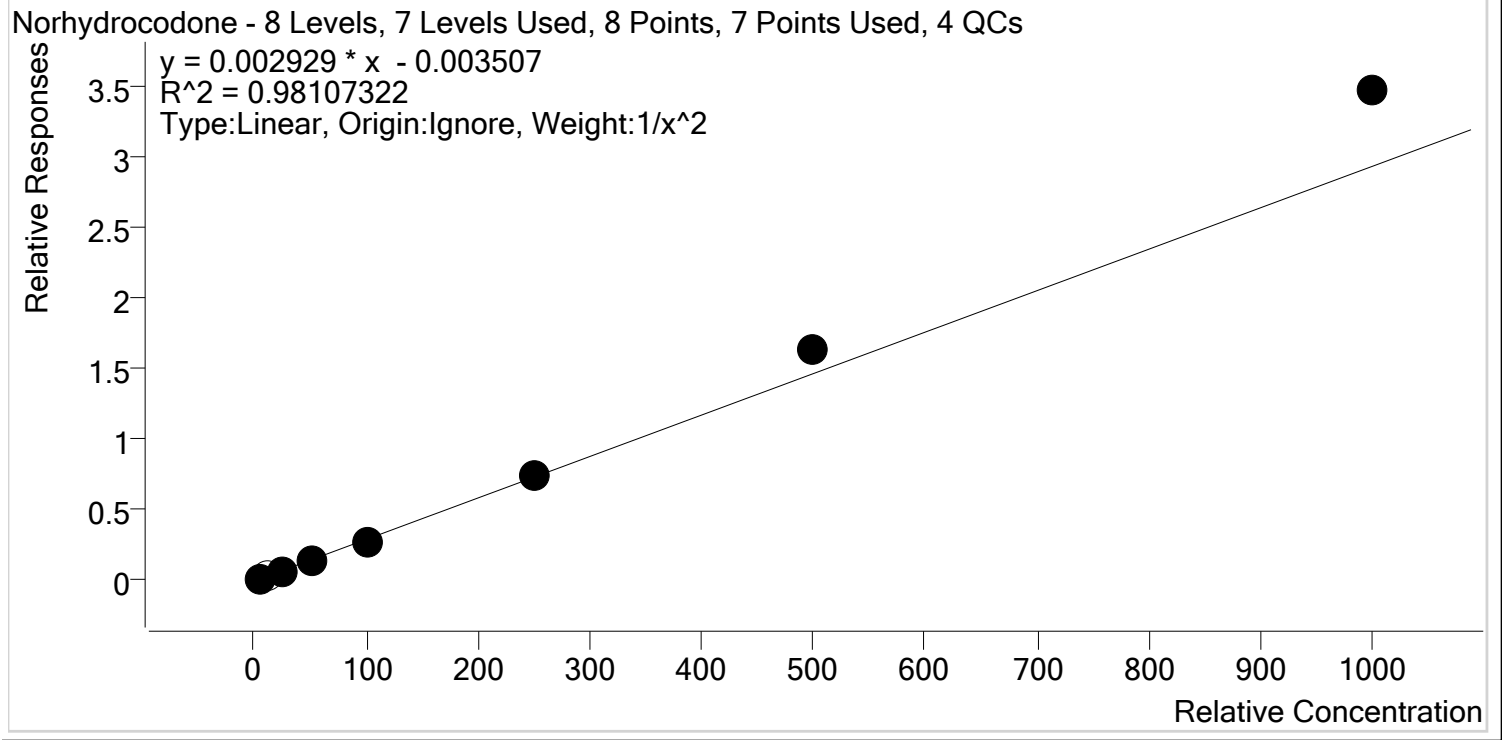
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.2
p1 Cal 2- 10ng	2	✓	1.0	0.9	93.8
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.9
p1 Cal 4-50ng	4	✓	5.0	4.8	95.3
p1 Cal 5-100ng	5	✓	10.0	9.3	93.2
p1 Cal 6-250ng	6	✓	25.0	24.5	98.2
p1 Cal 7-500ng	7	✓	50.0	52.4	104.7
p1 Cal 8-1000ng	8	✓	100.0	116.7	116.7

2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



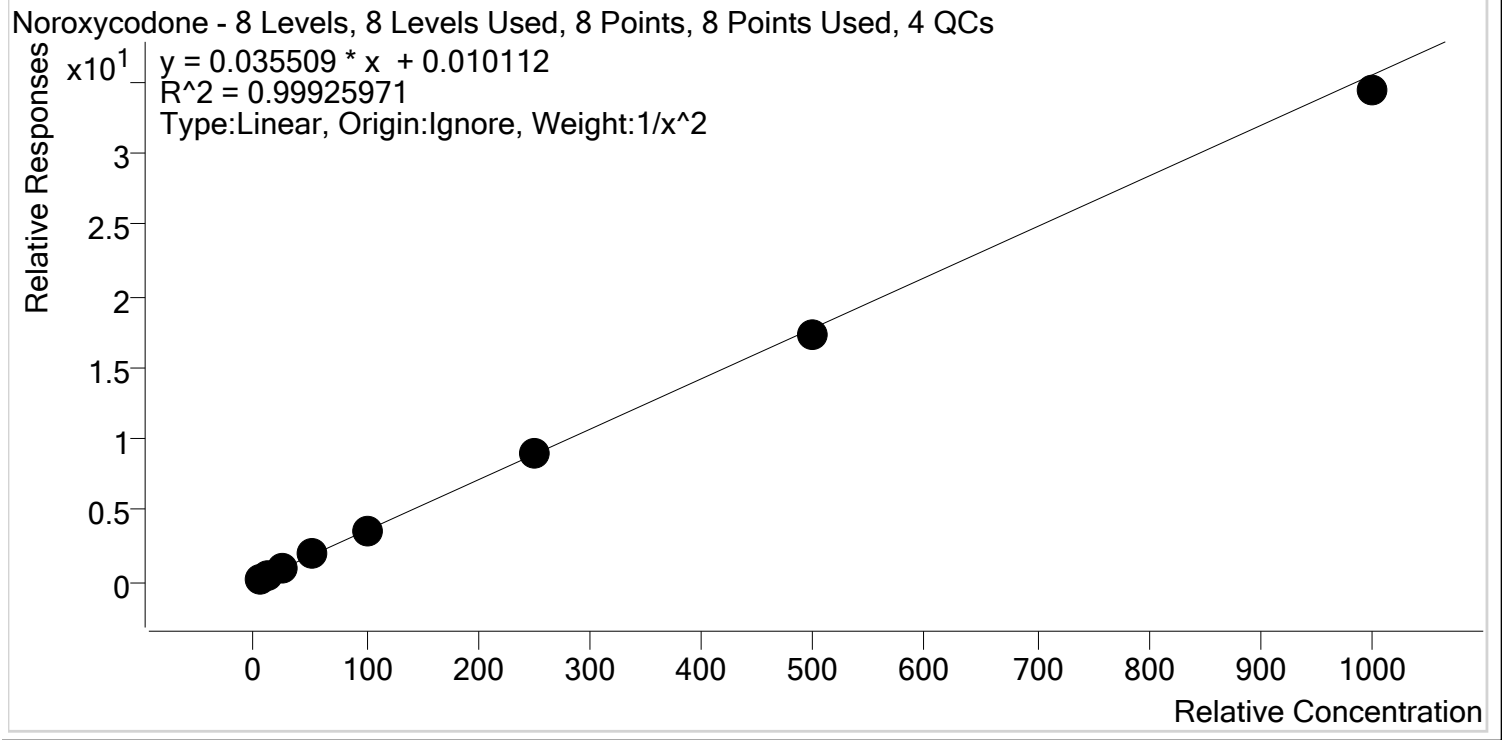
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
p1 Cal 2- 10ng	2	✗	10.0	9.0	90.1
p1 Cal 3 -25ng	3	✓	25.0	20.5	82.0
p1 Cal 4-50ng	4	✓	50.0	44.7	89.4
p1 Cal 5-100ng	5	✓	100.0	91.7	91.7
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	556.8	111.4
p1 Cal 8-1000ng	8	✓	1000.0	1182.8	118.3

SD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

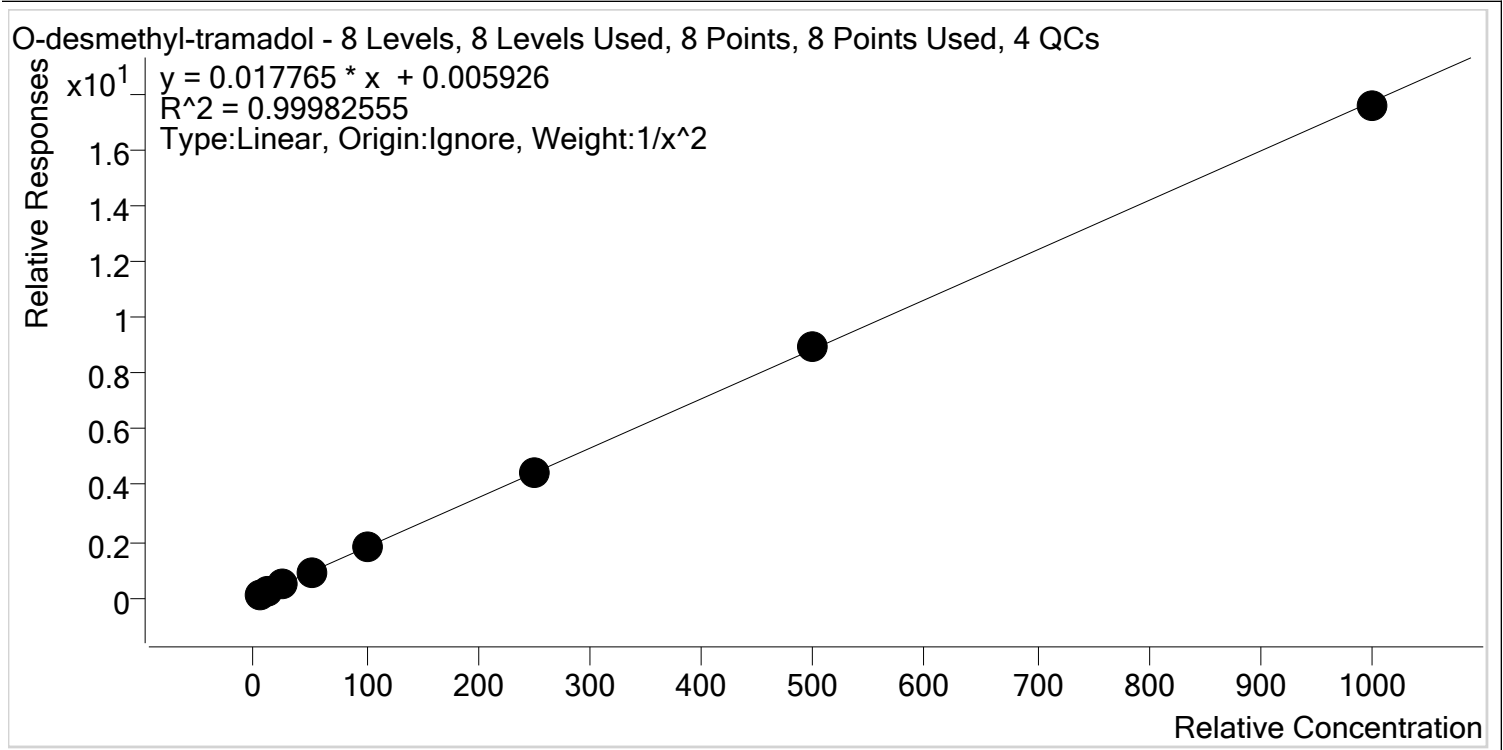


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	490.3	98.1
p1 Cal 8-1000ng	8	✓	1000.0	969.1	96.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

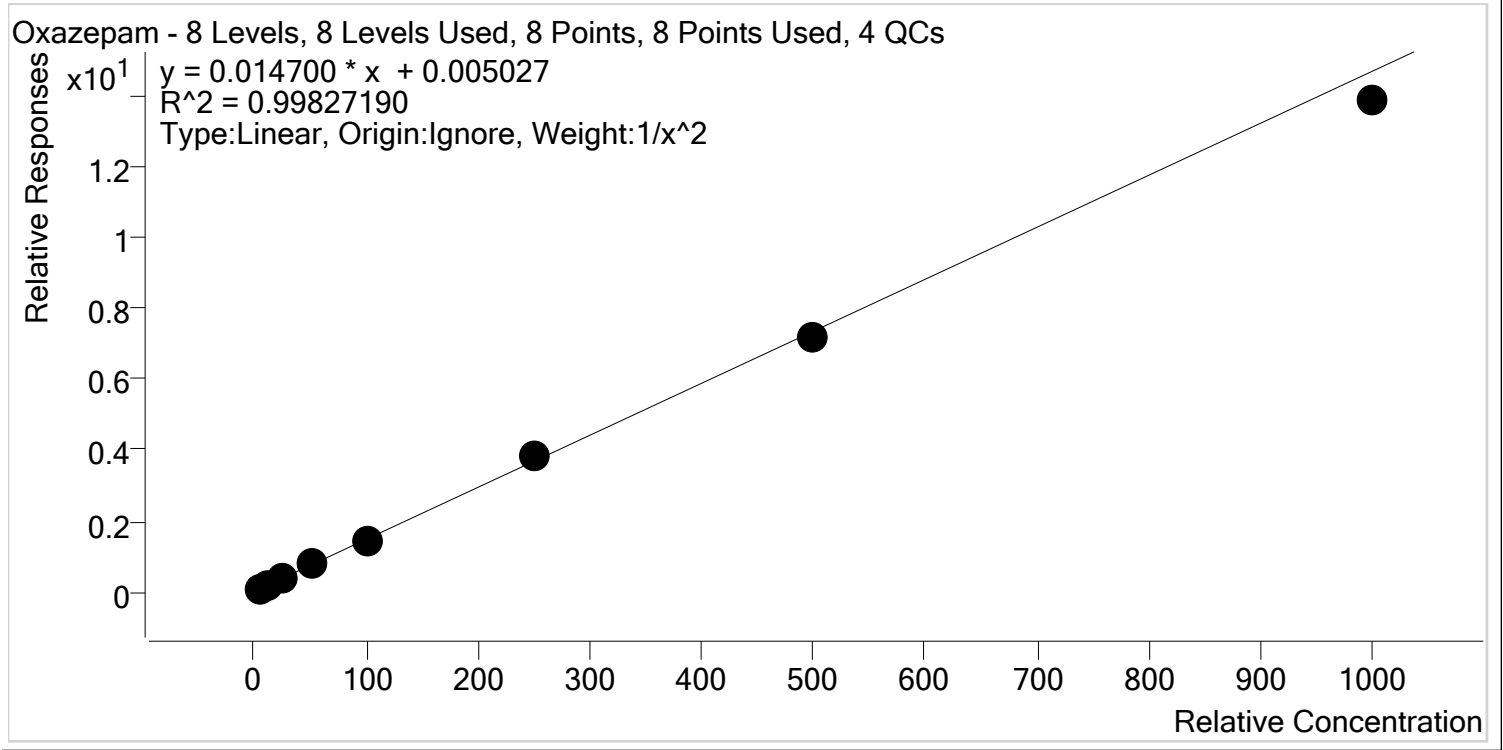


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	502.5	100.5
p1 Cal 8-1000ng	8	✓	1000.0	990.4	99.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

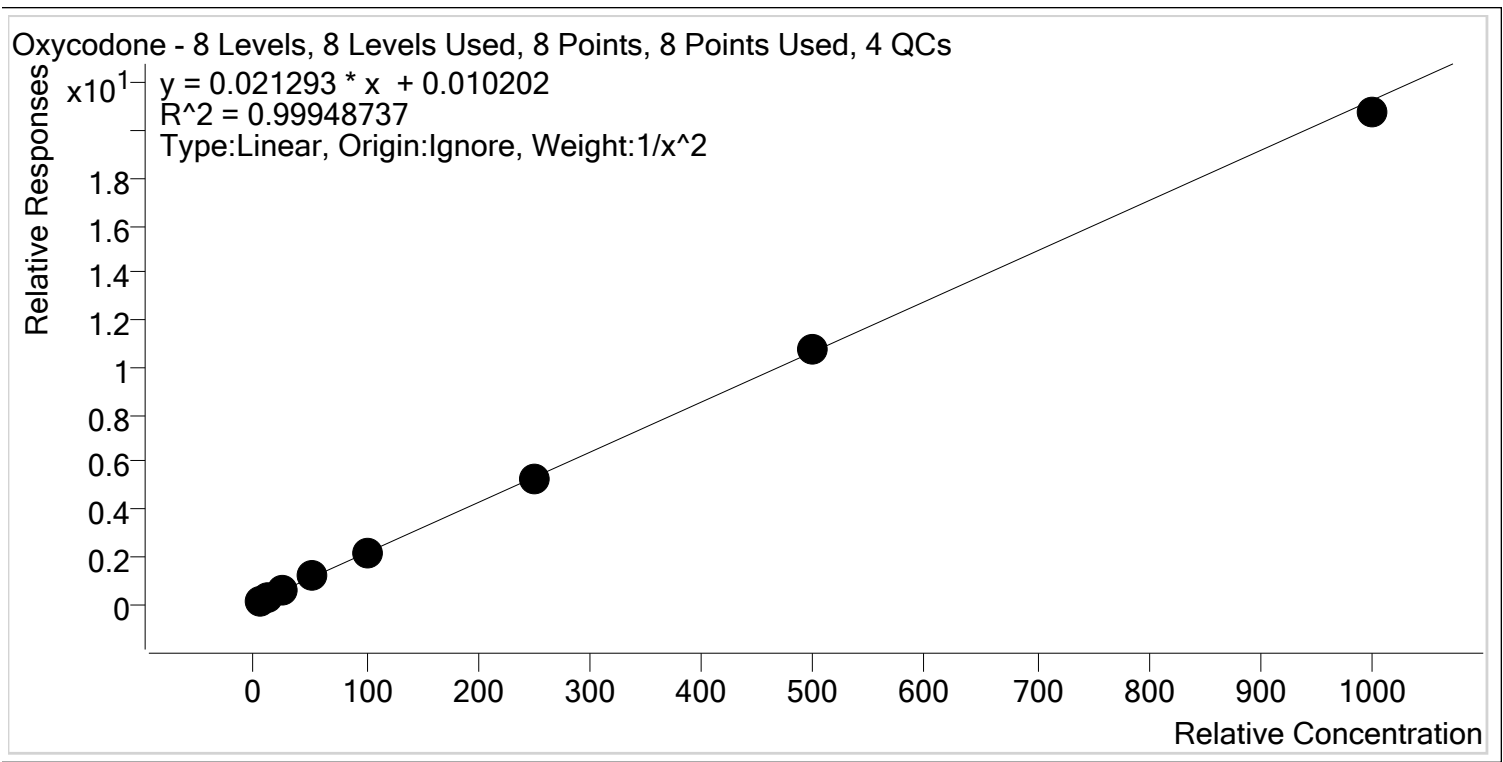


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	262.5	105.0
p1 Cal 7-500ng	7	✓	500.0	489.9	98.0
p1 Cal 8-1000ng	8	✓	1000.0	943.7	94.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



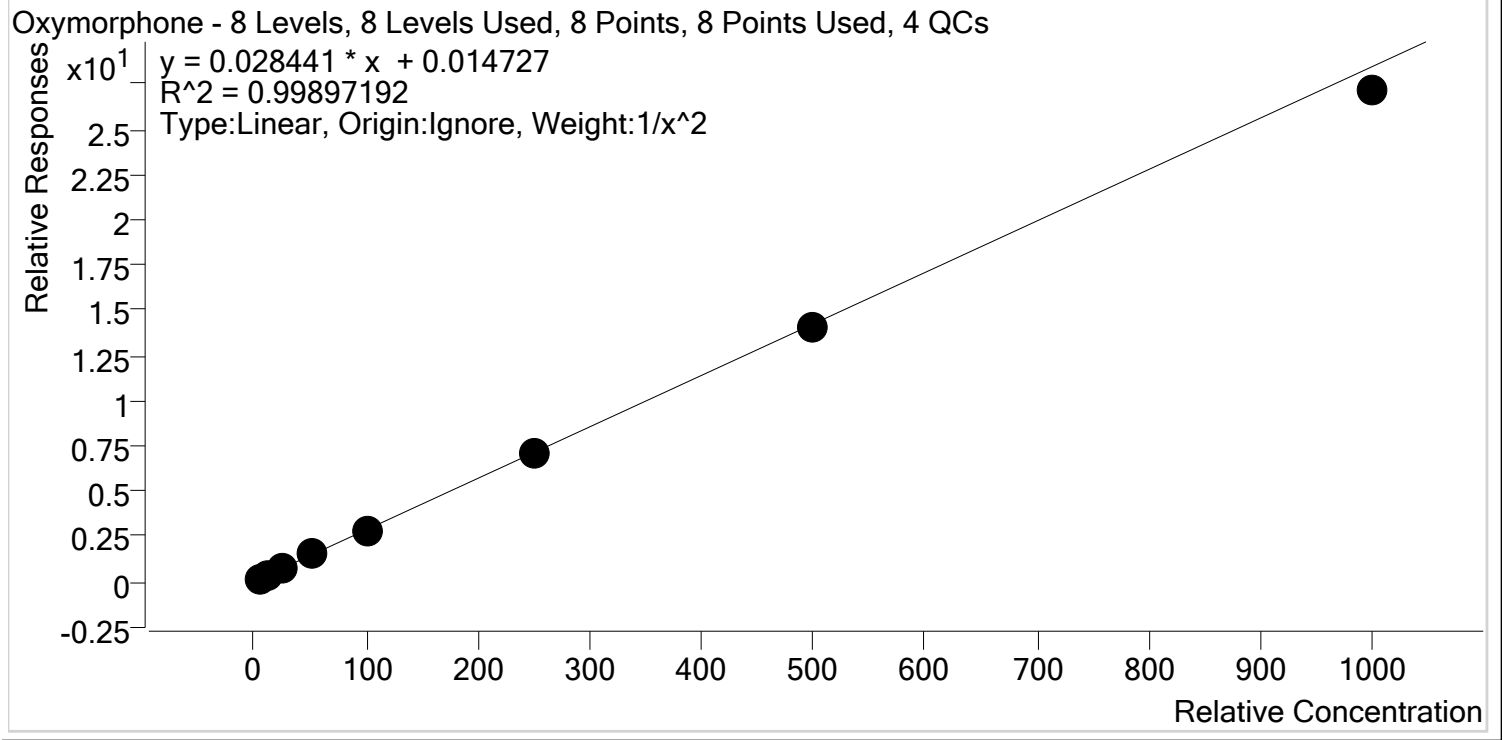
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	503.7	100.7
p1 Cal 8-1000ng	8	✓	1000.0	975.4	97.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



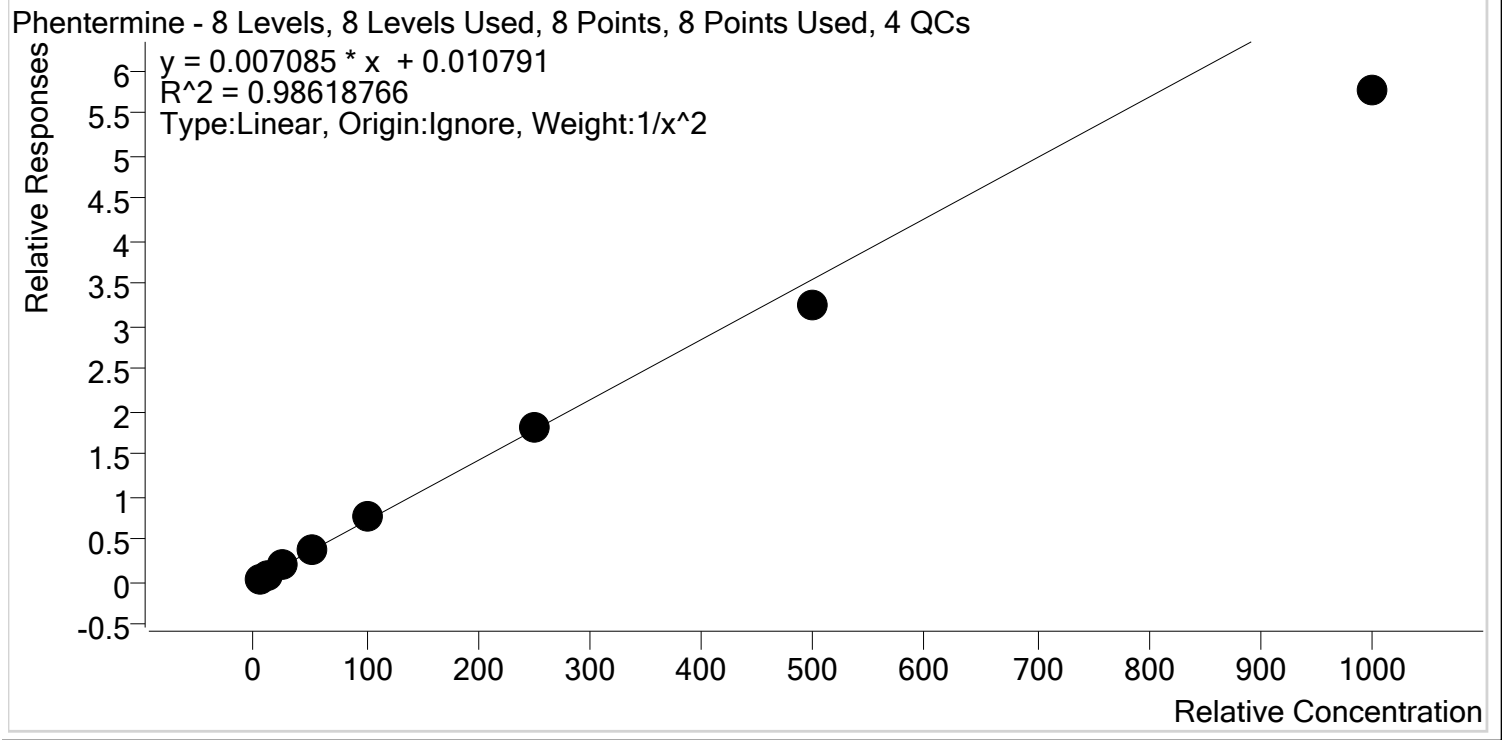
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.0
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	245.6	98.2
p1 Cal 7-500ng	7	✓	500.0	495.6	99.1
p1 Cal 8-1000ng	8	✓	1000.0	953.4	95.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

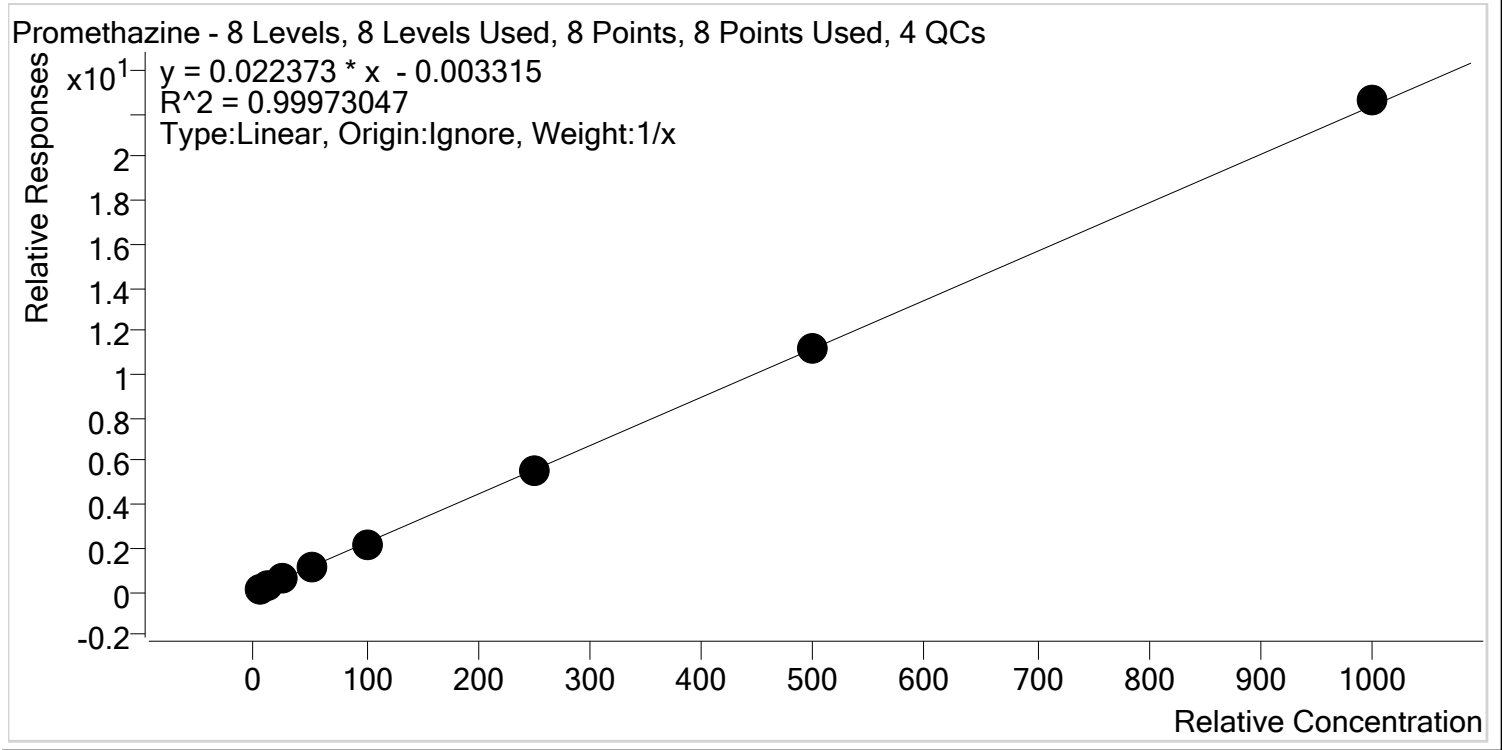


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.0
p1 Cal 2- 10ng	2	✓	10.0	10.7	106.8
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.0
p1 Cal 4-50ng	4	✓	50.0	54.5	109.1
p1 Cal 5-100ng	5	✓	100.0	109.3	109.3
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	455.5	91.1
p1 Cal 8-1000ng	8	✓	1000.0	811.2	81.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

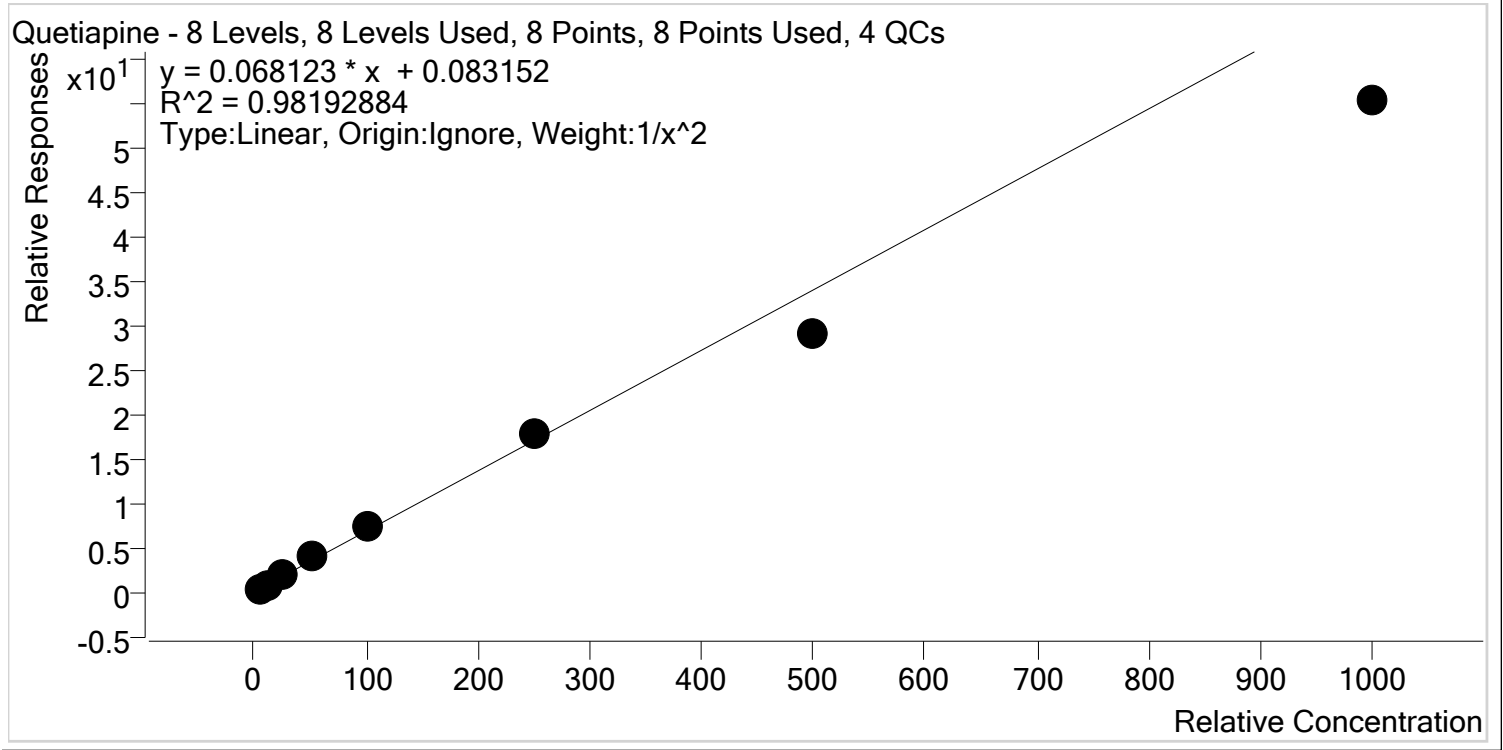


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.4
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	244.9	98.0
p1 Cal 7-500ng	7	✓	500.0	498.4	99.7
p1 Cal 8-1000ng	8	✓	1000.0	1011.1	101.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



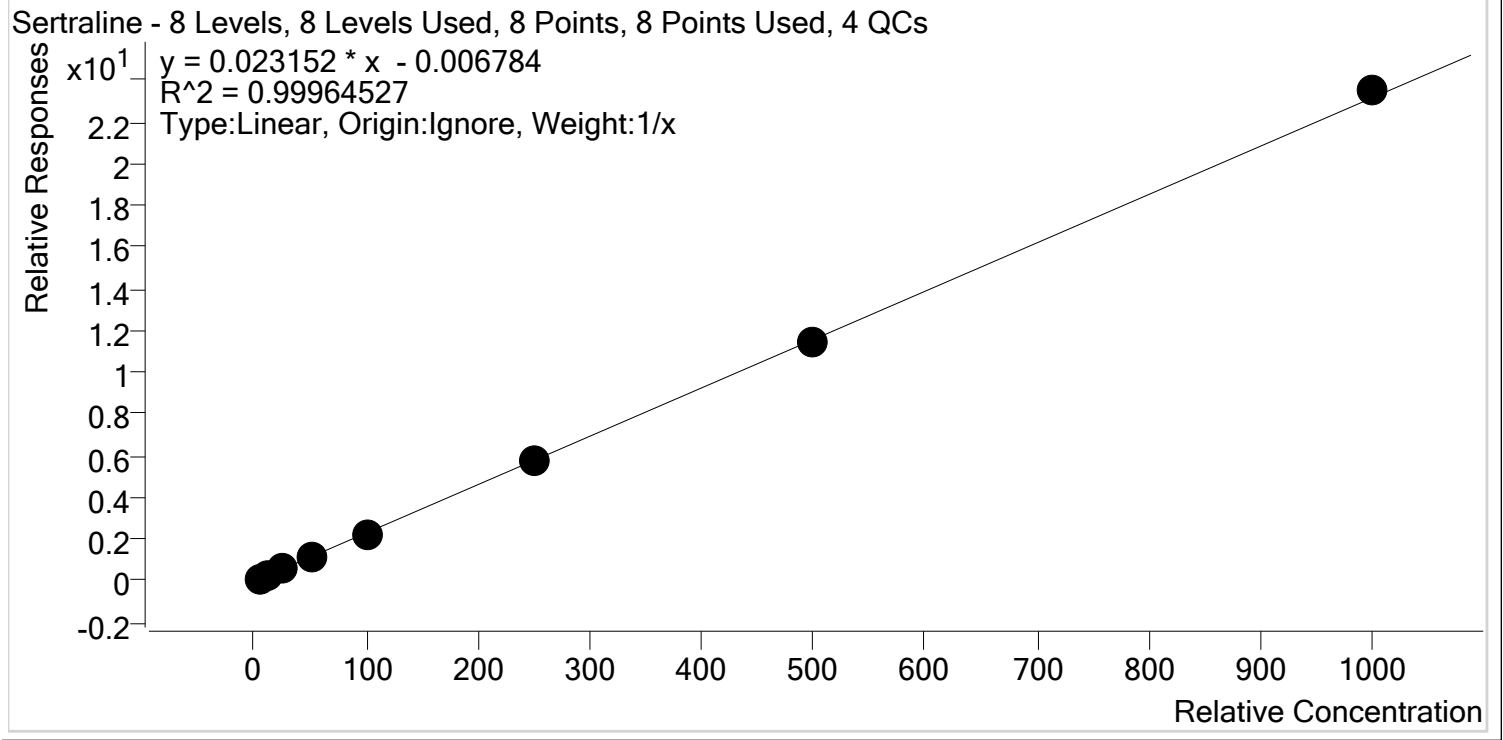
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.2
p1 Cal 2- 10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.1
p1 Cal 4-50ng	4	✓	50.0	56.2	112.4
p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
p1 Cal 6-250ng	6	✓	250.0	259.6	103.9
p1 Cal 7-500ng	7	✓	500.0	425.7	85.1
p1 Cal 8-1000ng	8	✓	1000.0	813.8	81.4

SD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	107.6
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	95.6	95.6
p1 Cal 6-250ng	6	✓	250.0	246.6	98.7
p1 Cal 7-500ng	7	✓	500.0	494.0	98.8
p1 Cal 8-1000ng	8	✓	1000.0	1015.1	101.5

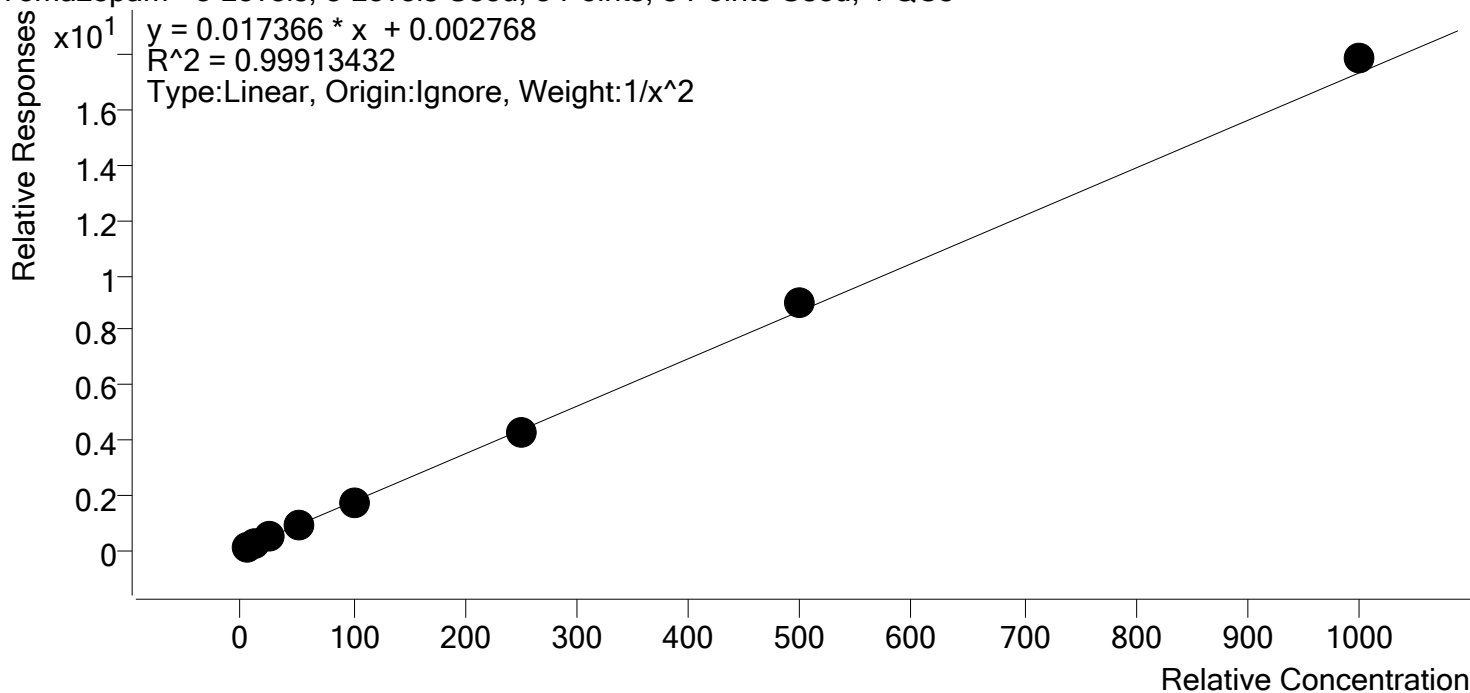
SD



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2- 10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	517.6	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1030.0	103.0

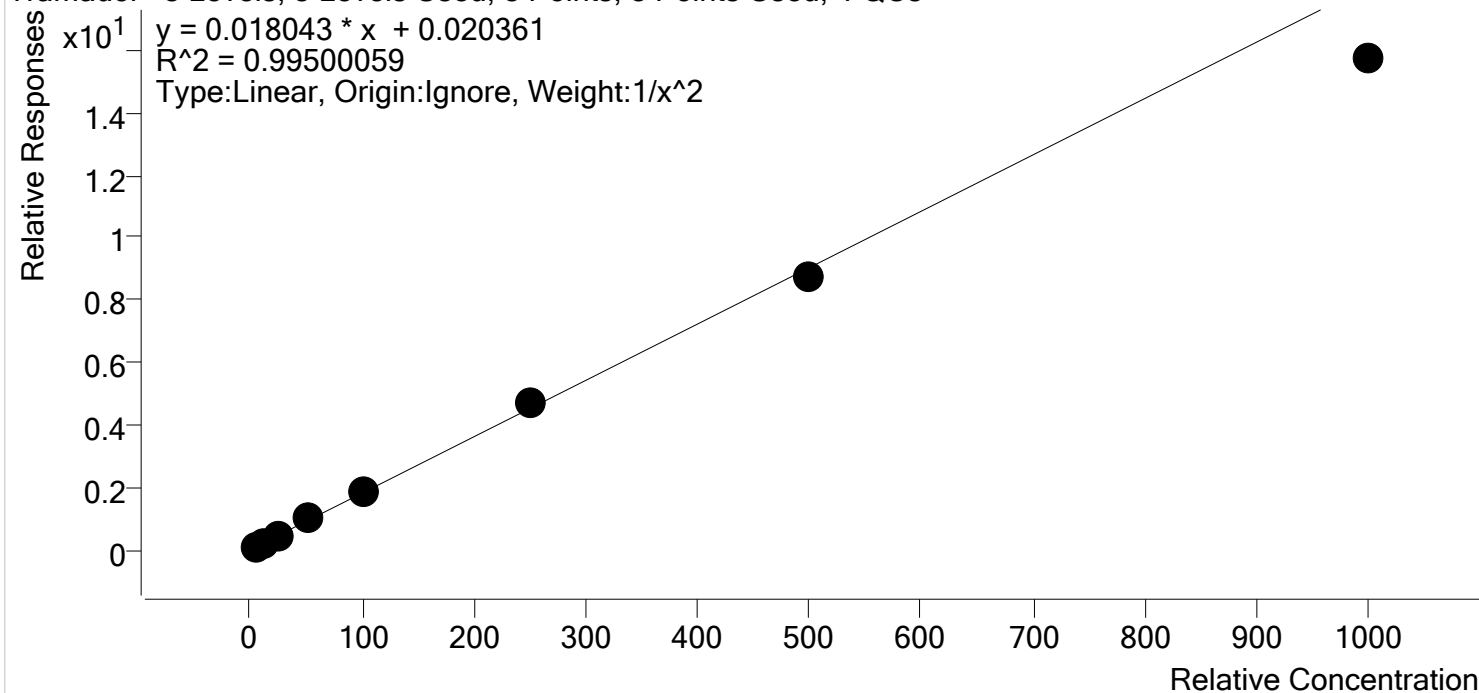
SP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 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



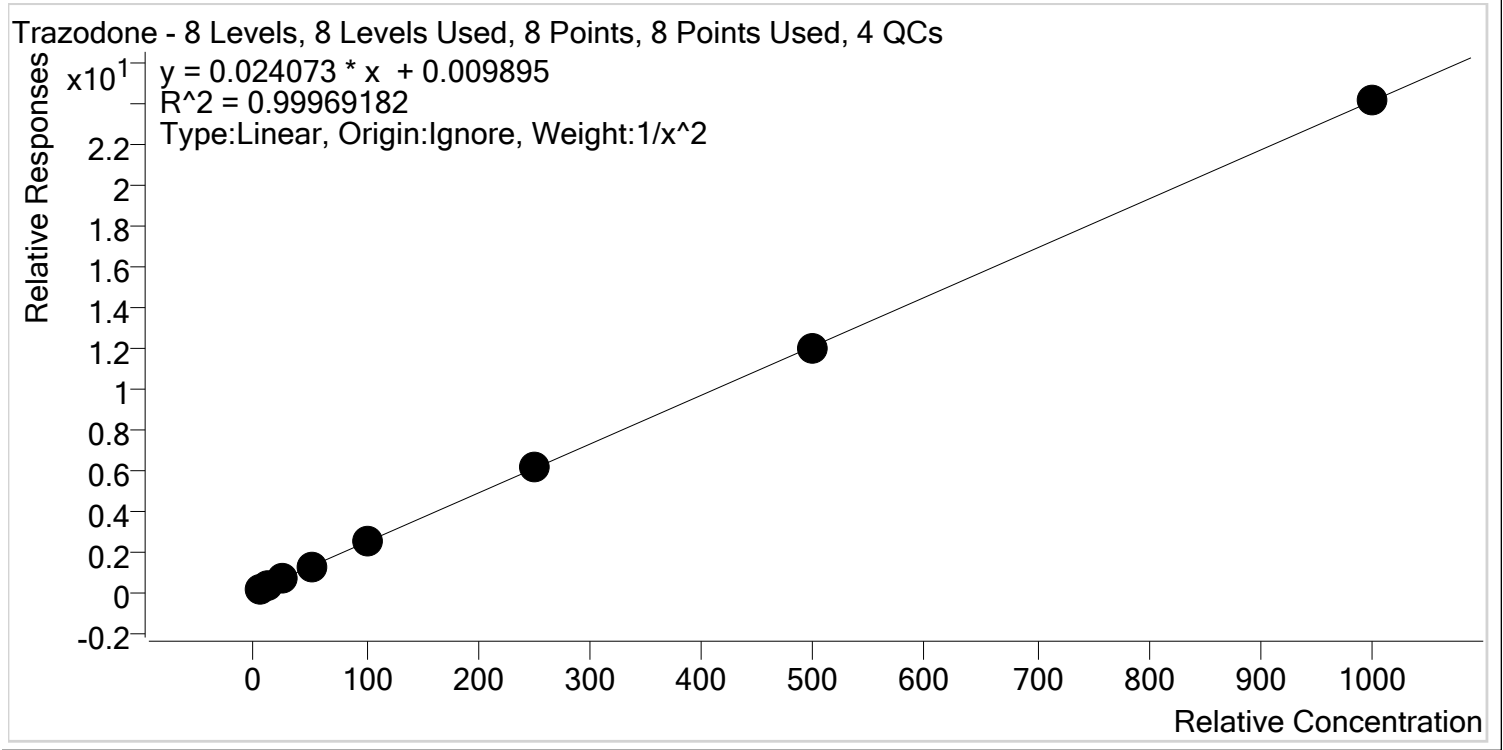
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.2
p1 Cal 4-50ng	4	✓	50.0	53.3	106.5
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	257.7	103.1
p1 Cal 7-500ng	7	✓	500.0	485.1	97.0
p1 Cal 8-1000ng	8	✓	1000.0	871.0	87.1

5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



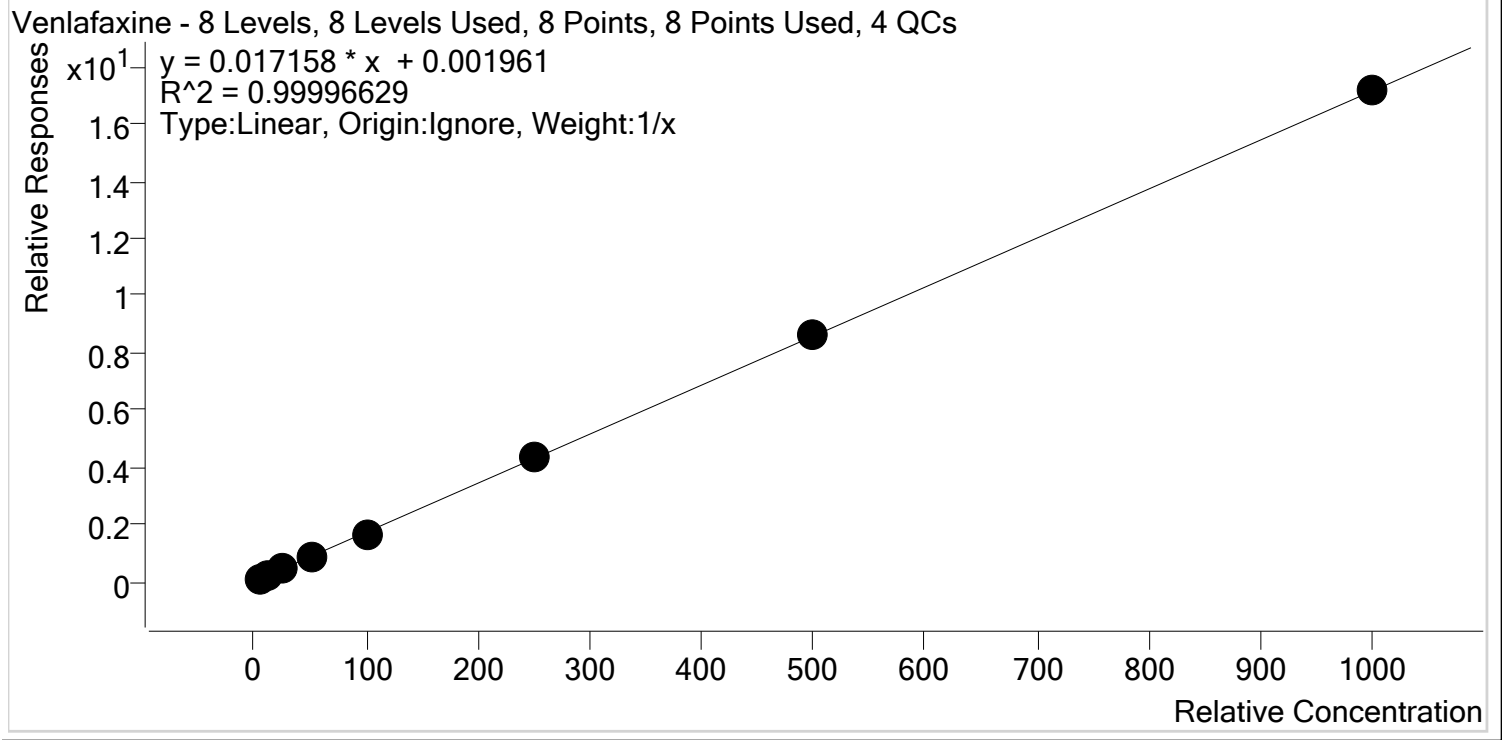
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
p1 Cal 7-500ng	7	✓	500.0	493.8	98.8
p1 Cal 8-1000ng	8	✓	1000.0	1001.1	100.1

5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

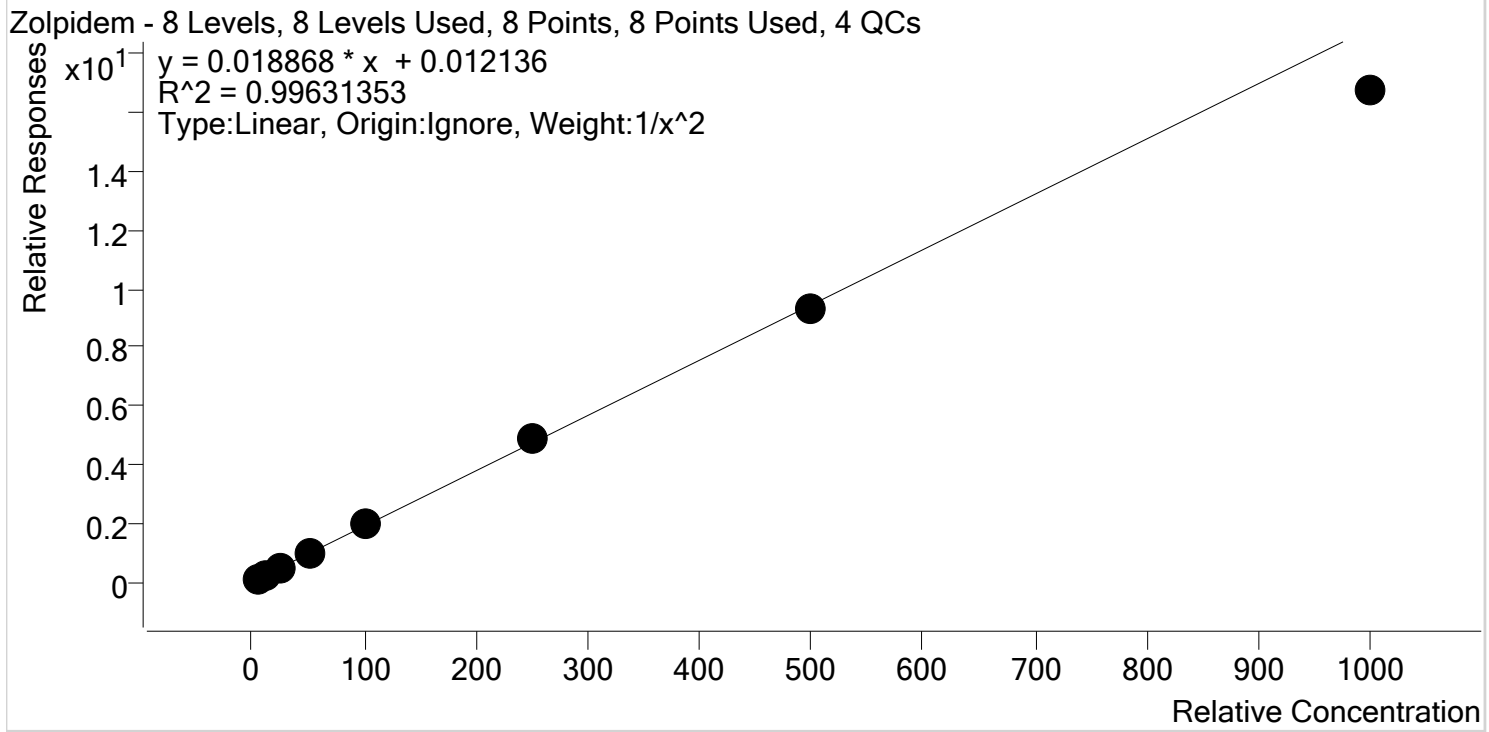


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	500.8	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1000.9	100.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
Last Cal. Update 10/1/2019 10:27 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	490.7	98.1
p1 Cal 8-1000ng	8	✓	1000.0	887.6	88.8

AM #28 Multi-Drug Quant. Results



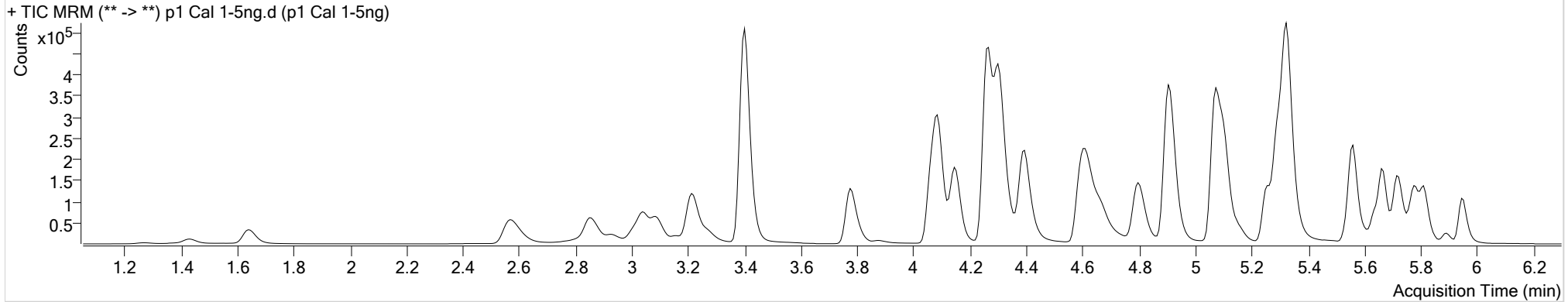
Batch results
Calibration Last Update

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10/1/2019 10:27:29 AM

Instrument Type Falco
Acq. Method MDQ P1 Combined 092319.m
Sample Position P1-A1
Injection Volume 2
Acq. Date-Time 9/30/2019 3:25:12 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	3.170	769	1848.20	73.0	1694.93	30941	0.5126 ng/ml
7-aminoclonazepam	4.278	10753	34087.75	80.0	46434.52	82034	4.8424 ng/ml
a-hydroxyalprazolam	5.700	836	114.71	95.8	3189.26	12691	5.0379 ng/ml
alpha-PVP	4.404	62870	9067.71	48.9	∞	524102	5.1657 ng/ml
Alprazolam	5.777	27103	534.98	107.4	2954.38	144326	6.0025 ng/ml
Amphetamine	3.095	65915	3165.43	54.3	1327.39	114604	4.7283 ng/ml
Benzoyllecgonine	3.900	1308	705.08	9.2	∞	12752	5.0380 ng/ml
Buprenorphine	5.774	1330	87.25	19.3	31.91	70696	0.5219 ng/ml
Bupropion	4.813	54701	7542.58	61.7	840.53	327865	4.5905 ng/ml
Carisoprodol	5.726	13573	31613.97	53.2	∞	124298	5.0578 ng/ml
Citalopram	5.256	33235	153.70	40.3	∞	294546	5.0879 ng/ml
Clonazepam	5.614	4280	350.93	29.5	∞	15281	4.9746 ng/ml
Cocaine	4.304	56296	1233.22	48.2	∞	907064	5.1544 ng/ml
Codeine	2.623	5562	496.76	107.1	39.70	46431	4.3997 ng/ml
Cyclobenzaprine	5.644	16151	39284.93	8.9	85.11	141589	5.1406 ng/ml
Dextromethorphan	5.306	16091	∞	80.0	∞	146785	5.1291 ng/ml
Dextrorphan	4.154	14030	4095.54	215.4	344584.94	384120	5.0306 ng/ml
Diazepam	5.955	19490	181.16	87.6	467.19	188932	4.9380 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.601	16074	118.89	65.3	133.41	169577	4.9197 ng/ml
Diphenhydramine	5.333	69721	24796.33	31.4	1830.82	1046732	5.1511 ng/ml
Doxylamine	4.621	118227	8431.72	98.6	∞	901941	5.1374 ng/ml
EDDP	5.298	46499	7262.77	41.9	133029.65	513337	5.0169 ng/ml
Fentanyl	5.120	1422	∞	87.0	3654.35	173159	0.5114 ng/ml
Fluoxetine	5.722	17298	980.53	8.8	1569.26	133761	4.7528 ng/ml
Hydrocodone	3.072	14162	45.58	36.9	101.71	177720	4.8909 ng/ml
Hydromorphone	1.654	12449	227.68	75.6	721.71	90137	4.9615 ng/ml
Ketamine	4.081	49995	2834.06	36.4	1193.27	414788	4.9059 ng/ml
Lamotrigine	4.308	4356	948.26	78.0	7116.84	414788	4.8556 ng/ml
Lorazepam	5.748	1471	152.73	42.3	8.30 Low	15281	5.3326 ng/ml
Meprobamate	4.922	2842	883.78	26.3	46.87	30469	4.7796 ng/ml
Methadone	5.668	31614	2062.66	59.2	1750.02	283427	5.5146 ng/ml
Methamphetamine	3.275	38074	280.65	44.8	458.16	352473	4.8321 ng/ml
Metoprolol	4.354	11326	14006.59	101.2	34605.02	1067964	4.7994 ng/ml
Mirtazapine	4.670	65365	6902.37	50.6	3473.54	524102	5.1790 ng/ml
Mitragynine	5.247	6186	∞	39.2	7528.90	283427	4.9365 ng/ml
Morphine	1.280	2487	1079.69	21.0	3053.70	5271	4.8992 ng/ml
Nordiazepam	5.901	5275	4106.22	54.4	355.95	34942	4.8569 ng/ml
Norfentanyl	4.115	6301	1686.31	36.0	∞	543939	0.5262 ng/ml
Norhydrocodone	3.106	492	197.89	21.5	340.77	41536	5.2412 ng/ml
Noroxycodone	2.950	9125	256.28	51.8	14.77	49187	4.9399 ng/ml
O-desmethyl-tramadol	3.408	114519	734.34	6.0	268.72	1205615	5.0132 ng/ml
Oxazepam	5.758	1673	32.50	77.9	27.99	21234	5.0174 ng/ml
Oxycodone	2.881	25826	1128.71	30.6	362.14	222495	4.9722 ng/ml
Oxymorphone	1.437	5271	974.63	48.4	267.69	34199	4.9011 ng/ml
Phentermine	3.812	16209	∞	2.2	21.96	367631	4.6999 ng/ml
Promethazine	5.562	40683	1711.70	31.5	194.94	355088	5.2691 ng/ml
Quetiapine	5.558	50654	3288.92	56.3	69399.74	125418	4.7081 ng/ml
Sertraline	5.791	12139	397.82	90.8	1081.65	103056	5.3809 ng/ml
Temazepam	5.818	17790	269.68	32.5	137.08	194415	5.1101 ng/ml
Tramadol	4.273	115396	702.37	3.2	81.38	1067964	4.8602 ng/ml
Trazodone	5.160	35705	76184.63	76.2	38510.07	272089	5.0402 ng/ml
Venlafaxine	5.074	76944	407.18	34.6	869.18	857790	5.1136 ng/ml
Zolpidem	4.925	97437	11526.98	31.4	7827.41	926995	4.9275 ng/ml

AM #28 Multi-Drug Quant. Results



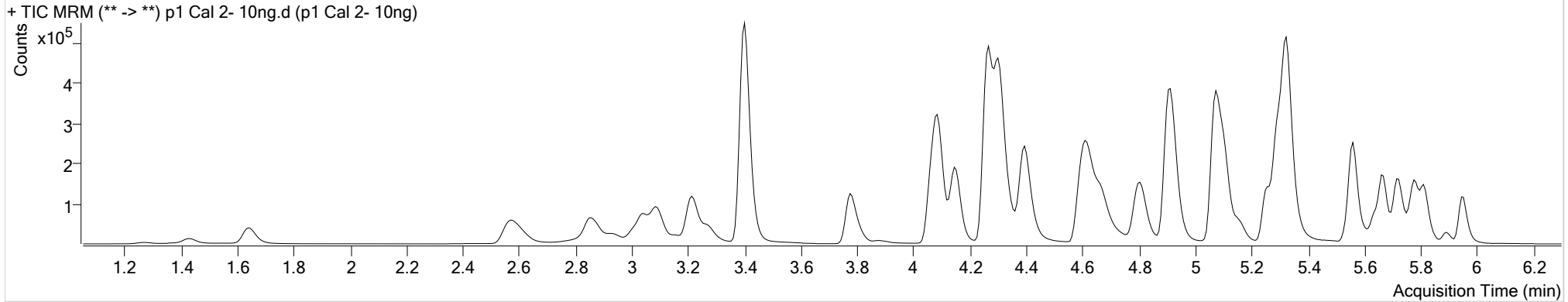
Batch results
Calibration Last Update

D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
10/1/2019 10:27:29 AM

Instrument Falco
Type Cal
Acq. Method MDQ P1 Combined 092319.m
Sample Position P1-B1
Injection Volume 2
Acq. Date-Time 9/30/2019 3:35:52 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	3.170	1470	7557.49	72.8	∞	31644	0.9663 ng/ml
7-aminoclonazepam	4.285	20878	12264.61	78.2	76.25	85997	10.0686 ng/ml
a-hydroxyalprazolam	5.700	1711	61.47	86.3	∞	12178	10.4674 ng/ml
alpha-PVP	4.404	116814	1618.88	48.9	1182.54	509048	9.9472 ng/ml
Alprazolam	5.777	50993	396.77	109.7	588.45	142204	10.1812 ng/ml
Amphetamine	3.095	121187	4578.26	54.4	2425.25	110299	10.4569 ng/ml
Benzoylcegonine	3.907	2458	2143.99	8.4	23.80	12914	9.7813 ng/ml
Buprenorphine	5.774	2342	∞	16.2	42.94	62068	0.9679 ng/ml
Bupropion	4.820	99158	1427.60	60.9	395.89	302049	9.8240 ng/ml
Carisoprodol	5.726	26435	∞	55.7	47.84	124836	9.8848 ng/ml
Citalopram	5.256	57781	1149.57	41.4	∞	266248	9.8656 ng/ml
Clonazepam	5.614	8222	∞	29.8	6871.07	15487	9.9506 ng/ml
Cocaine	4.304	107832	174620.80	48.9	4900.23	890508	9.9792 ng/ml
Codeine	2.630	10738	16536.78	104.4	3202.45	46616	9.5068 ng/ml
Cyclobenzaprine	5.644	26777	616.36	9.3	482.79	122713	9.6742 ng/ml
Dextromethorphan	5.306	26429	3623.15	85.0	674.54	126442	9.7667 ng/ml
Dextrorphan	4.154	26395	83537.99	217.8	1097.49	370579	9.9714 ng/ml
Diazepam	5.955	36957	5647.86	89.3	572.56	181686	10.0972 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.601	31008	2446.74	64.7	917.85	170399	10.0610 ng/ml
Diphenhydramine	5.333	121095	858.15	31.1	3083.03	945618	9.9543 ng/ml
Doxylamine	4.621	225097	1679.50	97.8	10132.83	864023	10.1189 ng/ml
EDDP	5.298	88177	344.16	43.1	3725.02	500652	9.9436 ng/ml
Fentanyl	5.120	2395	∞	76.1	∞	149243	0.9703 ng/ml
Fluoxetine	5.722	27195	4574.85	8.3	∞	111607	9.6069 ng/ml
Hydrocodone	3.072	26970	76.40	36.0	74.03	177472	10.0512 ng/ml
Hydromorphone	1.648	24275	820.57	76.5	577.85	89587	10.1307 ng/ml
Ketamine	4.081	94785	6418.71	36.7	840.18	407506	10.1261 ng/ml
Lamotrigine	4.308	8021	∞	83.9	11306.12	407506	10.1779 ng/ml
Lorazepam	5.748	2680	∞	51.2	27.93	15487	9.1482 ng/ml
Meprobamate	4.922	5632	32650.64	25.6	68.99	30709	10.4518 ng/ml
Methadone	5.668	52800	3968.08	57.9	1172.16	247813	10.0115 ng/ml
Methamphetamine	3.275	70401	3958.72	44.1	1620.40	343220	10.1948 ng/ml
Metoprolol	4.354	21290	9959.06	98.2	1904.25	1036713	10.3618 ng/ml
Mirtazapine	4.670	117763	40063.22	49.9	∞	509048	9.5650 ng/ml
Mitragynine	5.247	11355	∞	34.3	8734.14	247813	10.2552 ng/ml
Morphine	1.273	5135	501.40	21.0	4969.59	5466	10.1723 ng/ml
Nordiazepam	5.895	10725	26629.13	58.5	239.33	32958	10.5705 ng/ml
Norfentanyl	4.115	11551	1787.72	37.0	∞	537912	0.9380 ng/ml
Norhydrocodone	3.106	942	54.36	14.0 Low	37.45	41165	9.0128 ng/ml
Noroxycodone	2.950	17853	982.00	48.8	341.10	48447	10.0931 ng/ml
O-desmethyl-tramadol	3.408	221108	18379.81	5.9	554.47	1208782	9.9627 ng/ml
Oxazepam	5.758	3226	31.44	66.8	19.80	21727	9.7597 ng/ml
Oxycodone	2.881	49887	4788.68	31.0	1407.67	223290	10.0136 ng/ml
Oxymorphone	1.430	10066	136.99	50.0	167.91	32974	10.2155 ng/ml
Phentermine	3.812	30257	1092.17	2.2	41.15	350105	10.6752 ng/ml
Promethazine	5.562	67299	4558.06	29.9	934.53	304722	10.0194 ng/ml
Quetiapine	5.558	92614	7863.03	57.1	∞	116668	10.4323 ng/ml
Sertraline	5.791	19281	210.73	89.9	219.17	83272	10.2940 ng/ml
Temazepam	5.818	33163	3517.17	28.4	193.65	194299	9.6692 ng/ml
Tramadol	4.273	212672	626.10	3.1	297.19	1036713	10.2412 ng/ml
Trazodone	5.160	60762	80968.63	77.5	43600.28	247840	9.7732 ng/ml
Venlafaxine	5.074	141395	2773.88	34.6	571.60	812730	10.0252 ng/ml
Zolpidem	4.925	182360	1652.99	32.4	4596.59	909451	9.9840 ng/ml

AM #28 Multi-Drug Quant. Results



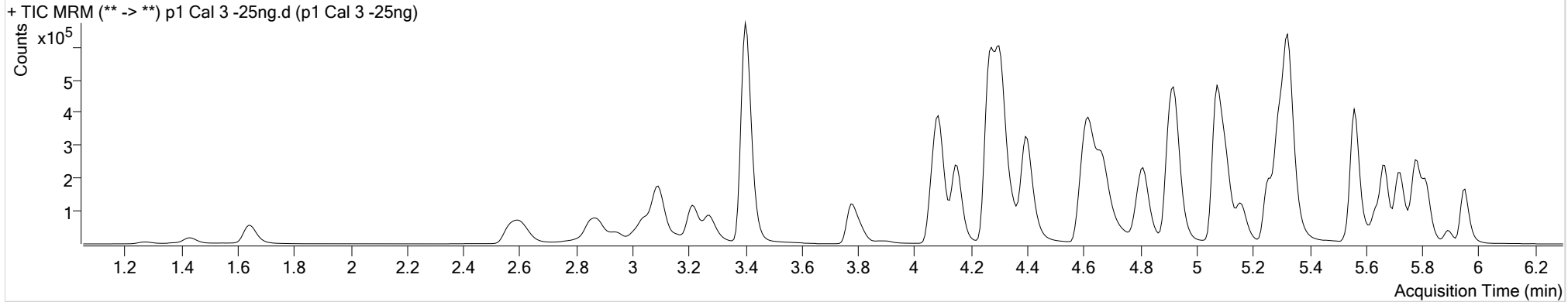
Batch results
Calibration Last Update

D:\MassHunter\Data\2019\AM 28\093019 MDQ P1 SP\QuantResults\MDQ SP.batch.bin
10/1/2019 10:27:29 AM

Instrument Falco
Type Cal
Acq. Method MDQ P1 Combined 092319.m
Sample Position P1-C1
Injection Volume 2
Acq. Date-Time 9/30/2019 3:46:22 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	3.170	3465	4602.83	69.2	5103.70	30380	2.3860 ng/ml
7-aminoclonazepam	4.285	50935	∞	78.0	649779.37	83808	27.1459 ng/ml
a-hydroxyalprazolam	5.700	3879	129.96	98.9	241.87	13083	21.8172 ng/ml
alpha-PVP	4.404	284666	28839.78	48.8	6395.66	501903	24.6911 ng/ml
Alprazolam	5.777	123603	2459.18	111.3	776.94	140438	22.9407 ng/ml
Amphetamine	3.095	282498	19.21	53.8	5236.02	106384	27.4899 ng/ml
Benzoylcegonine	3.907	6044	400.84	6.9	525.14	12697	25.2276 ng/ml
Buprenorphine	5.774	5829	170.97	16.3	82.83	63846	2.2305 ng/ml
Bupropion	4.820	242962	748.48	61.2	2414.02	301460	25.3087 ng/ml
Carisoprodol	5.726	63197	274100.39	56.5	509.55	122234	24.2513 ng/ml
Citalopram	5.256	145457	17097.27	41.6	∞	268400	24.7654 ng/ml
Clonazepam	5.614	20015	∞	30.5	15924.55	15457	25.1075 ng/ml
Cocaine	4.304	257021	31076.76	49.8	29932.40	874976	24.0920 ng/ml
Codeine	2.623	26703	156.71	102.9	45773.28	45439	26.0113 ng/ml
Cyclobenzaprine	5.644	71557	118.07	9.4	1922.09	132444	23.6947 ng/ml
Dextromethorphan	5.306	69046	∞	81.7	∞	128233	25.1355 ng/ml
Dextrorphan	4.154	66164	478989.95	212.2	806.54	373739	25.0361 ng/ml
Diazepam	5.955	93063	814.52	88.7	551.07	185857	25.3976 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.601	76310	10165.81	65.4	15028.27	168910	25.9723 ng/ml
Diphenhydramine	5.333	299863	36670.61	30.7	24140.42	935717	24.9930 ng/ml
Doxylamine	4.621	549676	1808.29	97.2	34220.68	866250	24.5129 ng/ml
EDDP	5.298	214794	∞	43.3	1177.61	493153	24.8849 ng/ml
Fentanyl	5.120	6527	1848.83	73.3	15955.89	158487	2.4423 ng/ml
Fluoxetine	5.722	76883	10685.42	8.1	752.25	122336	25.9416 ng/ml
Hydrocodone	3.072	67091	59.68	36.2	220.24	176543	26.3326 ng/ml
Hydromorphone	1.648	57292	896.19	77.1	429.78	89153	24.5919 ng/ml
Ketamine	4.081	228987	31318.39	38.0	295.11	404338	25.6720 ng/ml
Lamotrigine	4.315	19617	4150.32	81.5	2856.92	404338	26.8944 ng/ml
Lorazepam	5.748	6881	118.23	49.8	29.83	15457	22.6743 ng/ml
Meprobamate	4.929	13637	∞	25.7	449.67	30507	27.0438 ng/ml
Methadone	5.668	135719	6208.04	57.7	7358.99	255886	24.0673 ng/ml
Methamphetamine	3.275	166584	16477.22	44.0	1492.21	331708	26.6023 ng/ml
Metoprolol	4.354	51626	∞	98.5	∞	1030700	26.9161 ng/ml
Mirtazapine	4.670	285955	6097.18	50.8	4850.32	501903	23.4854 ng/ml
Mitragynine	5.247	27912	173367.42	37.5	25333.66	255886	24.2766 ng/ml
Morphine	1.280	11789	9865.23	20.0	1044.22	5071	25.7927 ng/ml
Norbuprenorphine	5.024	148	13.77	97.1	14.55	2361	2.5812 ng/ml
Nordiazepam	5.901	26141	53003.67	57.2	353.20	34496	24.7347 ng/ml
Norfentanyl	4.115	29064	2431.17	36.6	1032.15	530983	2.3226 ng/ml
Norhydrocodone	3.106	2342	159.74	21.9	63.45	41429	20.5021 ng/ml
Noroxycodone	2.950	43361	175.46	48.8	692.86	47424	25.4647 ng/ml
O-desmethyl-tramadol	3.408	538186	36488.97	5.9	3631.98	1209941	24.7041 ng/ml
Oxazepam	5.758	8371	121.17	75.0	46.31	21943	25.6104 ng/ml
Oxycodone	2.881	123052	2128.19	31.0	917.17	224904	25.2165 ng/ml
Oxymorphone	1.430	24284	∞	48.1	∞	32502	25.7524 ng/ml
Phentermine	3.812	67830	3008.51	2.2	463.83	338587	26.7527 ng/ml
Promethazine	5.562	178914	749.71	31.5	60578.56	319825	25.1517 ng/ml
Quetiapine	5.558	230119	6077.03	55.8	403.30	116499	27.7754 ng/ml
Sertraline	5.791	51768	1883.07	94.4	176651.11	92687	24.4180 ng/ml
Temazepam	5.818	85771	2141.35	30.1	701.57	199705	24.5728 ng/ml
Tramadol	4.280	505636	49501.98	3.2	226.51	1030700	26.0610 ng/ml
Trazodone	5.160	157542	∞	77.4	∞	253870	25.3673 ng/ml
Venlafaxine	5.074	342898	7420.35	35.2	264.89	810065	24.5561 ng/ml
Zolpidem	4.925	460646	574.06	31.4	15738.43	912185	26.1209 ng/ml

AM #28 Multi-Drug Quant. Results



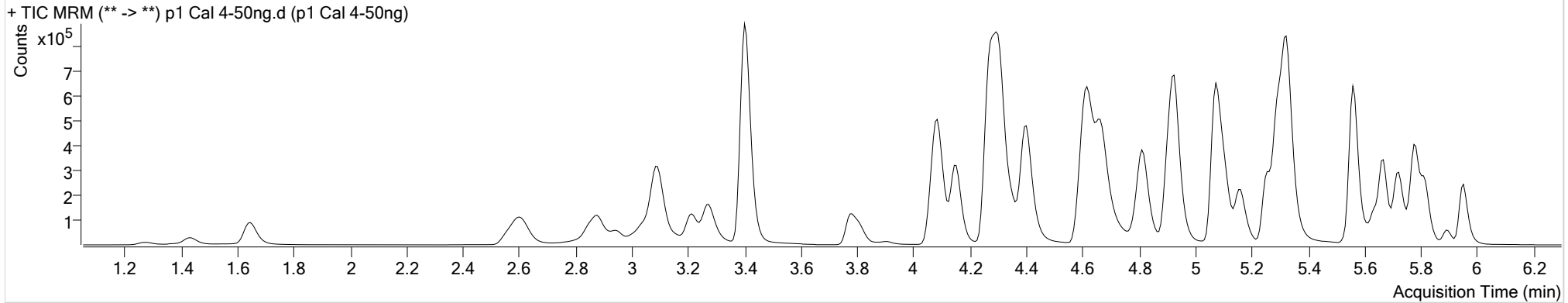
Batch results
Calibration Last Update

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10/1/2019 10:27:29 AM

Instrument Type Falco
Acq. Method MDQ P1 Combined 092319.m
Sample Position P1-D1
Injection Volume 2
Acq. Date-Time 9/30/2019 3:56:53 PM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.170	7349	∞	67.0	17522.83	30124	5.1136 ng/ml
7-aminoclonazepam	4.285	100452	∞	77.3	1425.34	82918	55.3940 ng/ml
a-hydroxyalprazolam	5.700	8439	∞	85.5	425.08	13118	47.0523 ng/ml
alpha-PVP	4.404	582971	48076.86	48.8	6513.96	504265	50.4028 ng/ml
Alprazolam	5.777	247999	1563.97	111.3	1685.46	132435	47.2224 ng/ml
Amphetamine	3.095	561780	12016.40	53.5	11693.97	105775	56.5468 ng/ml
Benzoylcegonine	3.907	12536	37133.50	8.0	49.41	12983	51.6992 ng/ml
Buprenorphine	5.774	12181	949.97	15.3	126.32	61068	4.7806 ng/ml
Bupropion	4.820	495004	70809.65	61.2	2567.87	304218	51.9292 ng/ml
Carisoprodol	5.726	128700	3152.20	54.5	562.37	120214	50.3046 ng/ml
Citalopram	5.256	290682	1292.34	41.5	∞	264177	50.3711 ng/ml
Clonazepam	5.614	41857	5783.82	29.8	21314.56	15517	52.9366 ng/ml
Cocaine	4.304	527246	35050.97	47.9	39950.88	846839	50.9728 ng/ml
Codeine	2.623	52532	518.50	103.8	210.16	45846	51.7947 ng/ml
Cyclobenzaprine	5.644	135822	258.65	9.4	244.05	118758	49.9630 ng/ml
Dextromethorphan	5.306	134923	437.85	81.1	6598.98	124876	50.4233 ng/ml
Dextrorphan	4.154	130742	2360.10	214.7	27915.91	366492	50.6231 ng/ml
Diazepam	5.955	185455	693.36	87.1	1576.97	181699	52.1554 ng/ml

AM #28 Multi-Drug Quant. Results



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Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.601	153158	20657.07	65.8	297.81	168615	52.8964 ng/ml
Diphenhydramine	5.333	592141	114986.16	31.1	10416.95	921182	50.1878 ng/ml
Doxylamine	4.615	1107142	30281.42	99.0	3930.12	862245	49.5074 ng/ml
EDDP	5.298	456117	19989.18	43.0	1056.93	516390	50.6712 ng/ml
Fentanyl	5.120	12615	596.94	74.0	265336.63	150192	4.9489 ng/ml
Fluoxetine	5.722	139961	7357.31	8.5	∞	113421	51.6468 ng/ml
Hydrocodone	3.072	135756	∞	36.7	115.15	175716	54.3578 ng/ml
Hydromorphone	1.648	120530	∞	75.9	1580.36	88046	52.8526 ng/ml
Ketamine	4.081	464170	1382.08	37.1	2799.96	401281	53.1742 ng/ml
Lamotrigine	4.315	38072	15879.11	83.3	∞	401281	53.7719 ng/ml
Lorazepam	5.748	14871	278.85	52.4	160.89	15517	48.1852 ng/ml
Meprobamate	4.929	26931	822.92	25.1	111.61	31244	53.1604 ng/ml
Methadone	5.668	275341	2310.46	56.7	13027.75	249788	49.4000 ng/ml
Methamphetamine	3.275	343868	2068.04	43.6	497.13	340902	54.5759 ng/ml
Metoprolol	4.354	101001	∞	96.6	∞	1026960	53.9503 ng/ml
Mirtazapine	4.670	580405	62232.62	50.5	7146.27	504265	47.3955 ng/ml
Mitragynine	5.247	56903	168063.12	37.4	63303.38	249788	50.5915 ng/ml
Morphine	1.273	24812	8773.33	20.1	2755.59	5205	53.3353 ng/ml
Norbuprenorphine	5.024	260	157.49	88.3	45.05	2488	4.5958 ng/ml
Nordiazepam	5.901	51306	720.18	56.7	2141.94	32662	51.3668 ng/ml
Norfentanyl	4.115	60020	415.58	36.0	1525.69	529369	4.7640 ng/ml
Norhydrocodone	3.106	5152	357.53	23.3	58.09	40449	44.6865 ng/ml
Noroxycodone	2.950	86428	1442.74	50.6	13.99	46371	52.2042 ng/ml
O-desmethyl-tramadol	3.408	1091588	70018.98	6.0	450.74	1196927	51.0019 ng/ml
Oxazepam	5.758	17103	197.42	69.4	32.79	22231	51.9947 ng/ml
Oxycodone	2.881	250987	51862.80	30.9	1270.07	224978	51.9147 ng/ml
Oxymorphone	1.430	48026	1245.98	49.8	389.60	32399	51.6009 ng/ml
Phentermine	3.812	133808	2399.77	2.2	468.15	336868	54.5414 ng/ml
Promethazine	5.562	344119	583.27	31.5	554.56	308998	49.9244 ng/ml
Quetiapine	5.558	447660	44694.69	58.6	72194.06	114451	56.1957 ng/ml
Sertraline	5.791	93428	2504.29	95.5	9088.61	83528	48.6058 ng/ml
Temazepam	5.818	173182	6426.36	30.9	559.91	202167	49.1696 ng/ml
Tramadol	4.280	1007961	662.21	3.3	757.59	1026960	53.2699 ng/ml
Trazodone	5.160	308281	2344.37	78.7	∞	251747	50.4579 ng/ml
Venlafaxine	5.074	693065	1067.95	34.7	1012.22	798030	50.5014 ng/ml
Zolpidem	4.925	926729	891.11	31.9	42888.58	918752	52.8160 ng/ml

AM #28 Multi-Drug Quant. Results



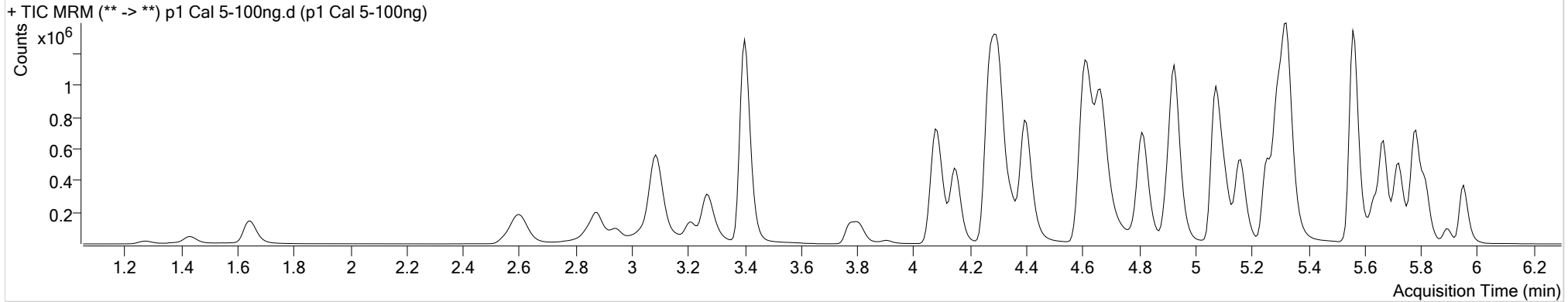
Batch results
Calibration Last Update

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Instrument Type Falco
Acq. Method MDQ P1 Combined 092319.m
Sample Position P1-E1
Injection Volume 2
Acq. Date-Time 9/30/2019 4:07:23 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	3.170	14074	50744.58	71.2	13484.12	30823	9.5794 ng/ml
7-aminoclonazepam	4.278	180421	∞	78.4	32831.33	78860	105.7594 ng/ml
a-hydroxyalprazolam	5.700	15775	295.69	87.9	277.59	11717	98.1988 ng/ml
alpha-PVP	4.404	1138870	26237.96	49.4	611.93	505345	98.3225 ng/ml
Alprazolam	5.777	457420	1985.47	107.2	2510.77	121725	93.3448 ng/ml
Amphetamine	3.088	1051989	16717.75	53.8	38001.54	109960	103.1131 ng/ml
Benzoylcegonine	3.900	23718	110117.87	7.4	628.23	13148	97.0246 ng/ml
Buprenorphine	5.774	26171	∞	16.0	539.48	67026	9.2832 ng/ml
Bupropion	4.813	1024765	607.48	61.0	4402.83	323191	101.9694 ng/ml
Carisoprodol	5.726	232883	1474.26	54.6	6651.53	111847	97.9130 ng/ml
Citalopram	5.256	644092	12114.10	41.2	4124.35	299216	98.6244 ng/ml
Clonazepam	5.614	79538	∞	30.1	∞	15470	101.4247 ng/ml
Cocaine	4.304	1002825	74177.45	48.7	66058.59	842885	97.3315 ng/ml
Codeine	2.623	100593	∞	103.5	291.96	44538	103.1963 ng/ml
Cyclobenzaprine	5.644	364229	86157.60	9.5	2182.18	165865	95.7706 ng/ml
Dextromethorphan	5.306	310247	23488.41	81.0	14675.08	146511	98.8099 ng/ml
Dextrorphan	4.147	254412	∞	212.1	∞	368468	98.1388 ng/ml
Diazepam	5.955	337865	4236.13	88.5	6114.33	171974	100.7339 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.595	289259	41707.59	67.0	8813.88	168847	100.3586 ng/ml
Diphenhydramine	5.333	1319426	87929.10	31.0	40025.71	1054818	97.7142 ng/ml
Doxylamine	4.615	2268897	∞	96.8	1684.95	879062	99.4220 ng/ml
EDDP	5.298	919171	85824.25	43.9	340.84	540278	97.7836 ng/ml
Fentanyl	5.120	33236	43636.39	75.9	∞	208085	9.3836 ng/ml
Fluoxetine	5.722	386751	25203.98	8.4	∞	161945	100.6419 ng/ml
Hydrocodone	3.065	253228	198.72	39.0	357.00	176753	101.4811 ng/ml
Hydromorphone	1.648	223674	1608.31	78.2	5913.48	88772	97.6258 ng/ml
Ketamine	4.081	896827	141293.64	37.4	18946.11	406334	102.1042 ng/ml
Lamotrigine	4.308	71174	8786.20	85.7	28365.24	406334	100.3176 ng/ml
Lorazepam	5.748	28044	683.90	53.0	153.70	15470	90.6546 ng/ml
Meprobamate	4.922	48885	8067.25	25.6	346.22	30132	101.0179 ng/ml
Methadone	5.668	641042	1537.82	56.3	16455.63	297051	96.1629 ng/ml
Methamphetamine	3.269	698096	158302.45	43.9	13452.21	360959	105.6797 ng/ml
Metoprolol	4.354	189561	∞	95.6	∞	1031871	101.7635 ng/ml
Mirtazapine	4.670	1283640	207286.12	50.4	8220.84	505345	104.5384 ng/ml
Mitragynine	5.247	135317	70720.75	36.7	23624.42	297051	101.0668 ng/ml
Morphine	1.273	44937	16604.25	20.0	∞	5121	98.5426 ng/ml
Norbuprenorphine	5.024	529	56.69	103.8	78.71	2436	9.9877 ng/ml
Nordiazepam	5.901	97325	4624.53	56.9	1266.84	31985	99.5857 ng/ml
Norfentanyl	4.115	118128	∞	36.4	∞	530304	9.3172 ng/ml
Norhydrocodone	3.106	10875	358.05	22.8	155.25	41041	91.6642 ng/ml
Noroxycodone	2.943	167461	1750.22	49.4	800.99	47371	99.2693 ng/ml
O-desmethyl-tramadol	3.401	2118368	137560.36	6.0	28844.63	1203048	98.7827 ng/ml
Oxazepam	5.758	32320	5600.12	74.6	125.85	22290	98.2984 ng/ml
Oxycodone	2.874	486623	3140.48	31.1	2314.06	228414	99.5758 ng/ml
Oxymorphone	1.430	95237	∞	46.7	884.30	33014	100.9106 ng/ml
Phentermine	3.812	273242	3475.25	2.1	408.45	347919	109.3266 ng/ml
Promethazine	5.562	903124	4107.05	32.1	486.32	424596	95.2175 ng/ml
Quetiapine	5.558	987729	58197.98	58.0	∞	133185	107.6447 ng/ml
Sertraline	5.791	247633	1619.37	93.4	∞	112235	95.5950 ng/ml
Temazepam	5.818	328417	11339.80	30.6	2959.39	191915	98.3834 ng/ml
Tramadol	4.273	1927443	28224.92	3.3	663.92	1031871	102.3980 ng/ml
Trazodone	5.160	783660	1562763.14	76.7	227617.20	329467	98.3958 ng/ml
Venlafaxine	5.074	1364958	11367.25	35.0	7584.27	811189	97.9538 ng/ml
Zolpidem	4.925	1805127	128284.67	31.6	45572.40	934387	101.7447 ng/ml

AM #28 Multi-Drug Quant. Results



Batch results

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Calibration Last Update

10/1/2019 10:27:29 AM

Instrument

Falco

Data File

p1 Cal 6-250ng.d

Type

Cal

Sample

p1 Cal 6-250ng

Acq. Method

MDQ P1 Combined 092319.m

Operator

Sample Position

P1-F1

Comment

Injection Volume

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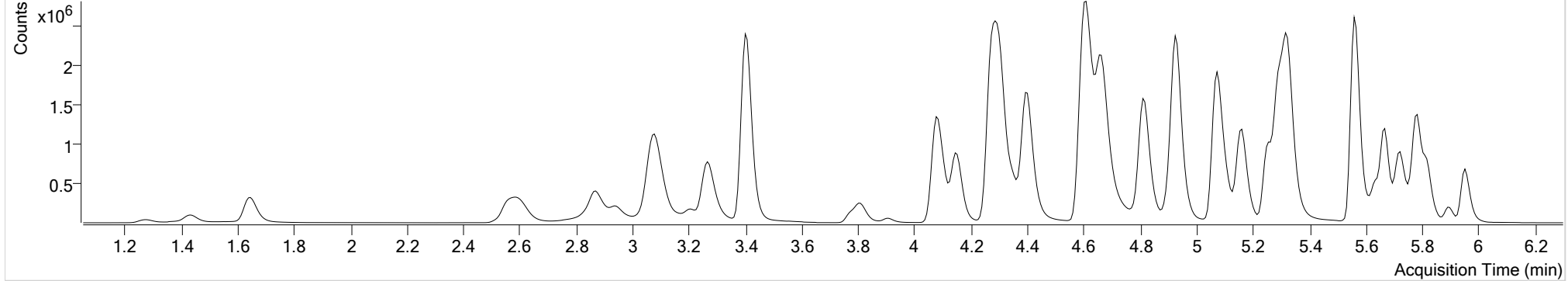
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Sample Info.

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 6-250ng.d (p1 Cal 6-250ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.170	35798	5577.90	71.8	79686.11	29875	25.1532 ng/ml
7-aminoclonazepam	4.285	346583	18603.45	79.0	50849.41	67768	238.0099 ng/ml
a-hydroxyalprazolam	5.700	40306	4877.33	90.2	346.19	11733	250.1806 ng/ml
alpha-PVP	4.404	2811370	993.99	49.0	∞	494222	248.2871 ng/ml
Alprazolam	5.777	1016616	5120.08	106.2	3493.65	102112	244.9854 ng/ml
Amphetamine	3.081	2354436	84125.13	53.6	∞	108352	236.1898 ng/ml
Benzoylcegonine	3.907	68695	359.80	7.5	2155.23	15208	243.7184 ng/ml
Buprenorphine	5.774	47357	2296.69	16.2	913.60	43384	25.8115 ng/ml
Bupropion	4.813	2509295	∞	60.8	106890.97	313849	258.3649 ng/ml
Carisoprodol	5.726	498769	1089111.74	55.1	3883.33	91961	255.1775 ng/ml
Citalopram	5.256	1401046	∞	40.4	4661.50	254077	252.7782 ng/ml
Clonazepam	5.614	191500	1936.31	30.1	299053.31	14519	261.0913 ng/ml
Cocaine	4.304	2366699	103930.74	48.6	57073.79	766735	252.3892 ng/ml
Codeine	2.610	245663	18065.03	102.7	143.50	42351	266.8128 ng/ml
Cyclobenzaprine	5.637	760887	23439.34	9.2	7174.83	132273	250.5938 ng/ml
Dextromethorphan	5.306	650292	437.00	81.5	29892.75	122475	247.7341 ng/ml
Dextrorphan	4.154	599779	1165.64	213.5	125959.18	340799	250.4107 ng/ml
Diazepam	5.955	729289	19062.49	89.8	5010.74	149234	251.1193 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.568	729874	24771.58	65.5	15140.30	168931	254.1233 ng/ml
Diphenhydramine	5.327	2841125	∞	31.3	48929.08	898152	247.1945 ng/ml
Doxylamine	4.608	5709811	60685.32	96.7	5987.17	881837	249.2739 ng/ml
EDDP	5.291	2197911	50764.46	43.5	49309.26	506305	249.8187 ng/ml
Fentanyl	5.120	72709	23742.82	73.8	387935.27	169486	25.1512 ng/ml
Fluoxetine	5.716	827458	71151.73	8.5	15315.75	137071	255.5232 ng/ml
Hydrocodone	3.058	631690	180.19	39.1	∞	179658	250.2171 ng/ml
Hydromorphone	1.648	571873	1907.63	74.7	∞	87742	253.1860 ng/ml
Ketamine	4.081	2168822	154539.17	37.6	10543.88	391892	257.0897 ng/ml
Lamotrigine	4.315	145610	18088.52	83.2	21253.54	391892	214.1774 ng/ml
Lorazepam	5.748	76924	1407.24	50.5	418.66	14519	263.8846 ng/ml
Meprobamate	4.922	110416	14222.95	24.9	1613.11	28048	246.6835 ng/ml
Methadone	5.668	1407949	108888.56	56.6	865.07	254515	245.6079 ng/ml
Methamphetamine	3.269	1839277	112089.47	44.0	23919.88	397611	254.3461 ng/ml
Metoprolol	4.354	412923	14978.98	98.5	∞	958806	240.0994 ng/ml
Mirtazapine	4.664	3011621	11714.45	50.1	7769.93	494222	250.7156 ng/ml
Mitragynine	5.247	283765	24307.26	36.7	59943.86	254515	247.2181 ng/ml
Morphine	1.273	109933	1386.20	20.3	887.37	4995	247.7840 ng/ml
Norbuprenorphine	5.024	1277	37.30	77.3	100.99	2221	27.1524 ng/ml
Nordiazepam	5.901	224736	∞	57.3	4568.71	29787	247.0548 ng/ml
Norfentanyl	4.115	304296	906.50	36.5	∞	516994	24.5467 ng/ml
Norhydrocodone	3.106	28911	462.90	24.5	111.65	38709	256.2043 ng/ml
Noroxycodone	2.943	403205	1206.91	48.8	1715.62	45480	249.3875 ng/ml
O-desmethyl-tramadol	3.401	5142794	165199.74	6.1	4206.77	1145294	252.4266 ng/ml
Oxazepam	5.758	88136	8385.63	73.8	2003.26	22815	262.4508 ng/ml
Oxycodone	2.868	1195976	6837.49	30.9	10065.89	229100	244.6898 ng/ml
Oxymorphone	1.430	225616	∞	49.2	∞	32231	245.5996 ng/ml
Phentermine	3.812	626730	2200.37	2.0	1145.61	346146	254.0333 ng/ml
Promethazine	5.562	1916885	75886.90	31.9	23268.13	350048	244.9068 ng/ml
Quetiapine	5.558	2196435	86529.71	58.8	∞	123596	259.6485 ng/ml
Sertraline	5.791	496241	1542.18	92.9	2355.82	87009	246.6417 ng/ml
Temazepam	5.818	801103	469850.36	30.7	∞	185207	248.9212 ng/ml
Tramadol	4.273	4477555	167964.93	3.4	∞	958806	257.6963 ng/ml
Trazodone	5.160	1790970	245887.12	77.6	∞	291788	254.5607 ng/ml
Venlafaxine	5.074	3325438	168801.96	35.1	1932.20	774598	250.0946 ng/ml
Zolpidem	4.925	4442712	231418.46	30.7	75637.63	913350	257.1542 ng/ml

AM #28 Multi-Drug Quant. Results



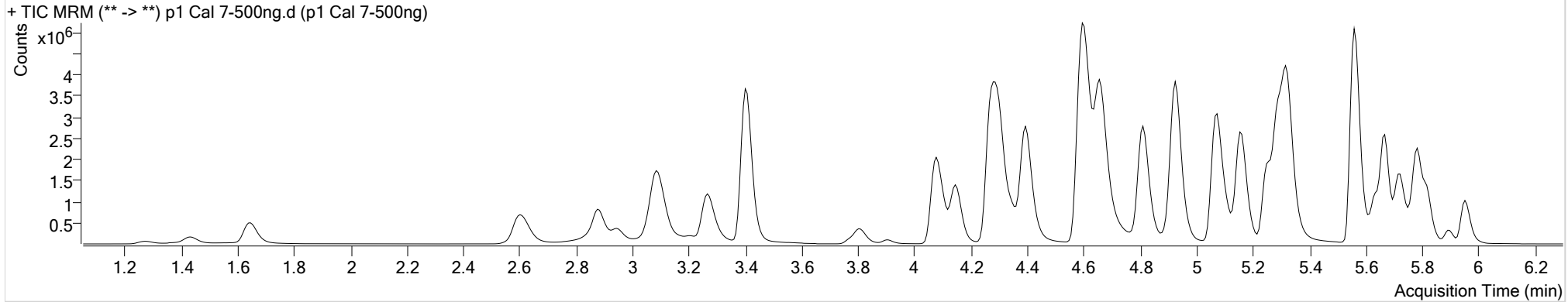
Batch results
Calibration Last Update

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Instrument Falco
Type Cal
Acq. Method MDQ P1 Combined 092319.m
Sample Position P1-G1
Injection Volume 2
Acq. Date-Time 9/30/2019 4:28:23 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	3.170	65539	8407.09	70.9	90194.48	27119	50.7409 ng/ml
7-aminoclonazepam	4.278	452105	33721.19	79.5	20632.70	51352	410.6536 ng/ml
a-hydroxyalprazolam	5.700	75294	667.42	88.1	∞	9866	555.4678 ng/ml
alpha-PVP	4.398	4962583	312692.57	49.5	140000.88	435987	496.8833 ng/ml
Alprazolam	5.777	1596692	1263.58	104.6	1720.00	79854	490.6020 ng/ml
Amphetamine	3.095	3458930	84304.22	53.3	70411.73	93986	401.1105 ng/ml
Benzoylcegonine	3.900	119926	20176.20	7.5	3957.84	13020	497.5308 ng/ml
Buprenorphine	5.774	101382	6545.39	15.8	33212.48	46076	51.9490 ng/ml
Bupropion	4.813	4615273	122309.80	60.2	80530.40	294390	507.3999 ng/ml
Carisoprodol	5.733	727692	∞	54.7	1476.69	67236	509.2882 ng/ml
Citalopram	5.256	2728595	∞	40.2	∞	249223	501.9695 ng/ml
Clonazepam	5.614	316858	58897.46	30.1	357633.12	13137	477.9492 ng/ml
Cocaine	4.297	3931344	346897.75	48.1	155123.55	636284	505.1189 ng/ml
Codeine	2.623	392831	12911.94	102.2	15441.50	35121	515.5307 ng/ml
Cyclobenzaprine	5.637	1928850	63393.17	9.2	8910.01	159626	526.2084 ng/ml
Dextromethorphan	5.299	1349027	82442.44	80.2	47590.19	125483	501.5899 ng/ml
Dextrorphan	4.147	1031887	104990.68	214.2	48428.46	294317	499.0265 ng/ml
Diazepam	5.955	1217793	12711.96	88.7	7411.92	126789	493.9207 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.595	1180501	100745.36	67.1	24747.93	155673	446.5310 ng/ml
Diphenhydramine	5.327	5672315	743904.70	31.5	45592.32	886365	500.1442 ng/ml
Doxylamine	4.594	10543782	175258.93	97.6	∞	817215	496.6183 ng/ml
EDDP	5.291	3998712	787.01	43.3	35588.34	454615	506.3833 ng/ml
Fentanyl	5.120	207006	44981.19	74.9	∞	237546	51.0589 ng/ml
Fluoxetine	5.716	2017358	52129.40	8.6	837486.78	171796	497.7487 ng/ml
Hydrocodone	3.065	1127164	269.03	40.0	∞	166432	482.6976 ng/ml
Hydromorphone	1.648	899469	∞	81.8	∞	72533	482.0956 ng/ml
Ketamine	4.081	3736293	304694.62	37.4	2573.58	358528	484.7372 ng/ml
Lamotrigine	4.315	206641	45689.69	83.6	42713.17	358528	332.9127 ng/ml
Lorazepam	5.748	156569	12465.06	50.3	740.26	13137	592.9448 ng/ml
Meprobamate	4.922	167564	27610.98	24.6	1508.09	24549	428.5127 ng/ml
Methadone	5.668	3259469	1139345.90	55.7	42089.81	293822	491.9516 ng/ml
Methamphetamine	3.269	2834682	114985.59	43.8	62127.47	327911	476.3041 ng/ml
Metoprolol	4.354	653764	197340.34	98.3	18017.10	839428	435.1234 ng/ml
Mirtazapine	4.664	5923556	∞	49.8	13060.39	435987	558.9395 ng/ml
Mitragynine	5.247	666771	53996.66	37.9	751988.42	293822	503.0812 ng/ml
Morphine	1.273	178639	806.46	19.3	2669.57	4197	479.5932 ng/ml
Norbuprenorphine	5.024	3239	114.70	84.5	688.62	3015	51.0887 ng/ml
Nordiazepam	5.895	391650	872.36	56.9	8483.55	25285	507.2892 ng/ml
Norfentanyl	4.115	526061	47721.41	36.9	16949.05	418492	52.3739 ng/ml
Norhydrocodone	3.106	50031	979.02	26.0	383.76	30743	556.8327 ng/ml
Noroxycodone	2.950	686077	2218.53	49.1	2729.23	39381	490.3348 ng/ml
O-desmethyl-tramadol	3.401	8837555	173027.65	6.0	939.16	989411	502.4507 ng/ml
Oxazepam	5.758	178499	4466.22	74.9	1351.60	24770	489.8853 ng/ml
Oxycodone	2.874	2314871	4337.68	31.4	6828.86	215639	503.6807 ng/ml
Oxymorphone	1.430	416238	529.21	48.6	∞	29499	495.5935 ng/ml
Phentermine	3.812	990090	1896.76	2.1	842.99	305795	455.4695 ng/ml
Promethazine	5.562	5077959	374844.78	31.0	194321.37	455542	498.3776 ng/ml
Quetiapine	5.558	3681152	3300.34	59.7	103262.70	126578	425.6872 ng/ml
Sertraline	5.791	1055609	25331.29	91.0	3757.59	92353	494.0001 ng/ml
Temazepam	5.818	1472922	67248.88	29.7	2652.80	163812	517.6171 ng/ml
Tramadol	4.273	7364643	179094.29	3.4	∞	839428	485.1262 ng/ml
Trazodone	5.154	4072339	∞	78.8	119715.76	342320	493.7651 ng/ml
Venlafaxine	5.074	5977930	35944.66	34.7	1525.21	695509	500.8168 ng/ml
Zolpidem	4.925	7730646	208255.95	30.6	39146.45	833935	490.6623 ng/ml

AM #28 Multi-Drug Quant. Results



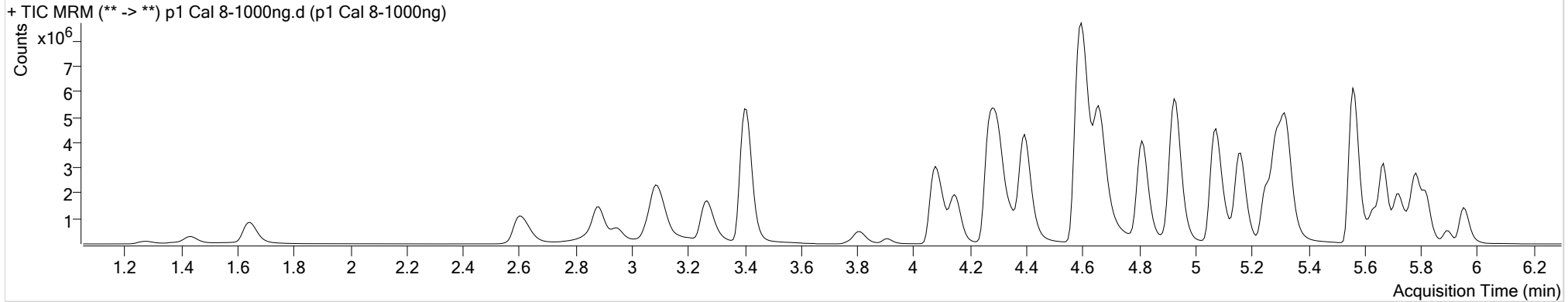
Batch results
Calibration Last Update

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10/1/2019 10:27:29 AM

Instrument Falco
Type Cal
Acq. Method MDQ P1 Combined 092319.m
Sample Position P1-H1
Injection Volume 2
Acq. Date-Time 9/30/2019 4:38:54 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	3.170	123836	5185.49	69.4	281476.65	24707	105.2440 ng/ml
7-aminoclonazepam	4.278	513256	29634.91	78.7	82440.45	36397	658.5424 ng/ml
a-hydroxyalprazolam	5.700	146519	1192.04	87.6	352.62	10269	1038.3074 ng/ml
alpha-PVP	4.398	8182548	135110.83	49.5	97305.40	354988	1006.3002 ng/ml
Alprazolam	5.777	2419579	1506.44	104.5	2114.22	57848	1024.7210 ng/ml
Amphetamine	3.095	4672384	91697.35	53.6	139677.40	77948	654.2928 ng/ml
Benzoylcegonine	3.907	266322	11060.14	7.7	12966.00	13960	1031.0013 ng/ml
Buprenorphine	5.774	95999	3590.61	14.9	∞	19863	114.0158 ng/ml
Bupropion	4.813	6791830	221075.89	61.6	271241.88	224338	980.6135 ng/ml
Carisoprodol	5.733	1112765	120870.15	54.8	5919.00	52085	1005.4028 ng/ml
Citalopram	5.256	3391503	∞	40.2	981.19	156050	996.5380 ng/ml
Clonazepam	5.614	557585	4467.78	30.4	∞	11856	932.4807 ng/ml
Cocaine	4.297	5973344	133219.53	48.0	114795.39	490772	994.9621 ng/ml
Codeine	2.630	626194	7432.57	103.4	27440.40	30009	962.7476 ng/ml
Cyclobenzaprine	5.637	2211829	61399.79	9.4	59031.04	92164	1044.9134 ng/ml
Dextromethorphan	5.306	1516989	41965.12	80.4	214.33	70677	1001.4116 ng/ml
Dextrorphan	4.147	1541599	1998.86	213.1	45725.94	219072	1001.7630 ng/ml
Diazepam	5.955	1867876	8353.12	88.3	5863.12	101786	944.0139 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Dihydrocodeine	2.601	1930169	95946.02	68.1	76167.30	151616	750.0904 ng/ml
Diphenhydramine	5.327	6979723	230313.71	32.1	14731.02	542988	1004.6609 ng/ml
Doxylamine	4.594	18303921	105760.52	95.0	590809.22	700685	1005.4092 ng/ml
EDDP	5.291	6190799	257820.67	43.1	∞	355212	1003.5682 ng/ml
Fentanyl	5.120	256847	∞	73.5	566017.29	140002	107.4580 ng/ml
Fluoxetine	5.716	2062476	35700.20	8.6	∞	88004	994.1382 ng/ml
Hydrocodone	3.065	1992645	273.42	39.1	457.34	158774	895.1699 ng/ml
Hydromorphone	1.648	1733043	∞	73.8	∞	67357	1000.6962 ng/ml
Ketamine	4.081	6189097	313384.89	37.4	65264.03	321164	896.9773 ng/ml
Lamotrigine	4.315	257839	48643.07	83.9	43973.00	321164	464.2086 ng/ml
Lorazepam	5.748	301388	∞	52.2	1774.88	11856	1264.0787 ng/ml
Meprobamate	4.922	243219	21987.90	24.5	149.10	22164	689.5845 ng/ml
Methadone	5.668	4134945	151327.65	55.3	47920.92	180146	1017.2842 ng/ml
Methamphetamine	3.269	4154752	107249.22	44.0	154100.38	275520	831.7027 ng/ml
Metoprolol	4.354	955561	69405.70	98.6	34618.23	714186	748.3378 ng/ml
Mirtazapine	4.664	8234450	5558.64	49.7	259159.59	354988	954.2495 ng/ml
Mitragynine	5.247	811526	53672.61	37.7	418395.35	180146	998.5740 ng/ml
Morphine	1.273	322668	2210.11	20.1	∞	3754	968.7667 ng/ml
Norbuprenorphine	5.024	4201	250.74	84.2	1810.09	2129	94.1713 ng/ml
Nordiazepam	5.901	663062	19790.34	56.7	9813.03	22713	956.1924 ng/ml
Norfentanyl	4.115	921757	64683.74	37.1	18832.28	329010	116.6736 ng/ml
Norhydrocodone	3.106	88950	1094.89	27.0	220.15	25701	1182.8307 ng/ml
Noroxycodone	2.950	1181883	∞	49.7	892.25	34334	969.1235 ng/ml
O-desmethyl-tramadol	3.408	14629624	225868.62	6.1	50927.08	831153	990.4500 ng/ml
Oxazepam	5.758	361097	23368.49	74.5	6503.61	26021	943.6790 ng/ml
Oxycodone	2.881	4422386	37965.44	31.4	9536.72	212836	975.3629 ng/ml
Oxymorphone	1.430	782544	∞	45.9	∞	28843	953.4205 ng/ml
Phentermine	3.812	1470437	2548.04	2.0	836.93	255363	811.2216 ng/ml
Promethazine	5.562	5831588	2287.32	31.3	10880.32	257817	1011.1336 ng/ml
Quetiapine	5.558	5186329	4255.10	59.9	8684.52	93410	813.8142 ng/ml
Sertraline	5.791	983071	39106.26	90.0	∞	41844	1015.0645 ng/ml
Temazepam	5.818	2608551	321223.66	30.2	7022.89	145814	1030.0133 ng/ml
Tramadol	4.273	11237972	145683.29	3.5	∞	714186	870.9829 ng/ml
Trazodone	5.160	5608683	152390.50	79.3	323738.32	232646	1001.0539 ng/ml
Venlafaxine	5.074	9582095	5032.47	34.2	331321.49	557871	1000.9385 ng/ml
Zolpidem	4.925	12714138	150375.15	30.5	77354.05	758658	887.5531 ng/ml