

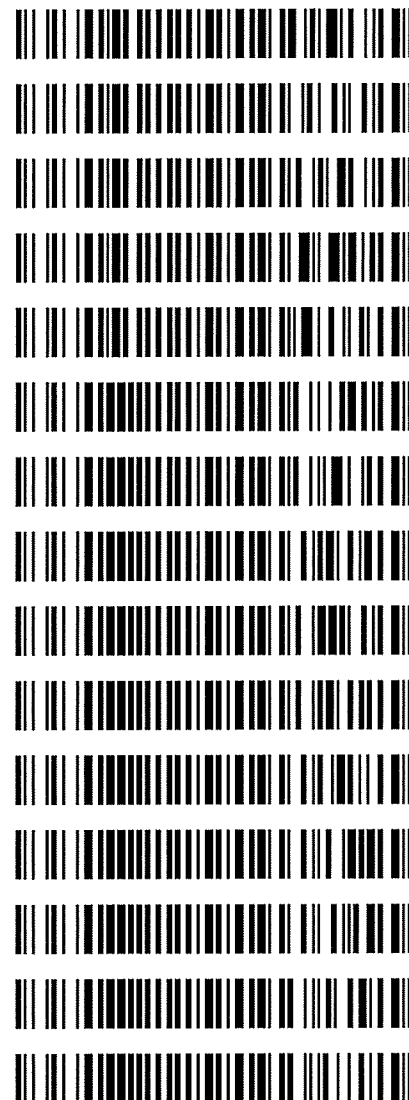
REVIEWED

By Tamara Salazar at 8:15 am, Aug 11, 2020

8/7/2020

SS
P**Worklist: 4421**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2020-2568	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2020-2677	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2020-2680	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2020-2806	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2020-2811	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-2066	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-2073	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-2077	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-2092	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-2093	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-2108	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-2110	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-2111	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-2114	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2020-2142	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 08/06/20
Plate lot#: IDP-111-2-200513

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

Mobile phase A: 5mM Amm Form + 0.01% FA
0.5M Ammonium Hydroxide

Blank Blood Lot: Hemostat 445283-4

LCMS-QQQ ID: 069901

Mobile phase B: 0.01% Formic Acid in MeOH
Ethyl Acetate 20% Methanol in Water

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

Pre-Analytic:

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

Analytic:

- ☒ 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- ☒ 2. Pipette **250 µL blood (calibrated pipette)** in wells of analytical (standards) plate. **Pipette ID: #42**
- ☒ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ☒ 4. Pipette **250 µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- ☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ☒ 6. Transfer **300 µL of blood+base** mixture to corresponding wells of SLE+ plate.
- ☒ 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
- ☒ 8. Wait 5 minutes.
- ☒ 9. Add **900 µL ethyl acetate**.
- ☒ 10. Wait 5 minutes.
- ☒ 11. Apply positive pressure for approx. 10-15 seconds. (12-15 PSI- Selector to the left).
- ☒ 12. Add **900 µL ethyl acetate**.
- ☒ 13. Wait 5 minutes.
- ☒ 14. Apply positive pressure for approx. 15 seconds. (12-15 PSI- Selector to the left).
- ☒ 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 067103
- ☒ 16. Reconstitute in **100 µL 20% LCMS MeOH in water** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

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

COMMENTS: Hands of the analyst Sophie Jackson. Curves limited: Alpha-PHP 5-500, Amphetamine 5-500, Buprenorphine 2.5-100, Lamotrigine 5-250, Lorazepam 5-100, Meprobamate 5-500, Mitragynine 5-500, Norbuprenorphine 1-100, Mirtazapine not evaluated.



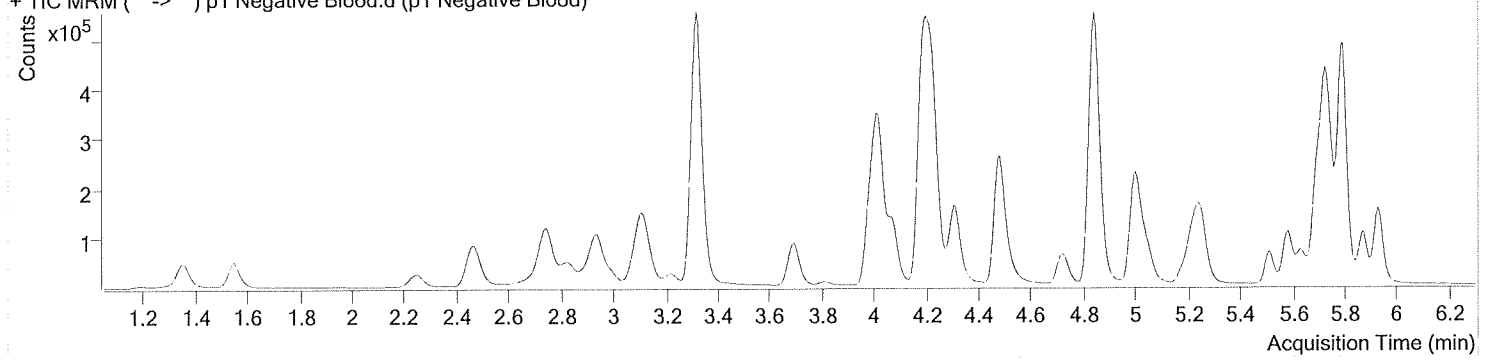
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-F2	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 9:35:23 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Negative Blood.d (p1 Negative Blood)



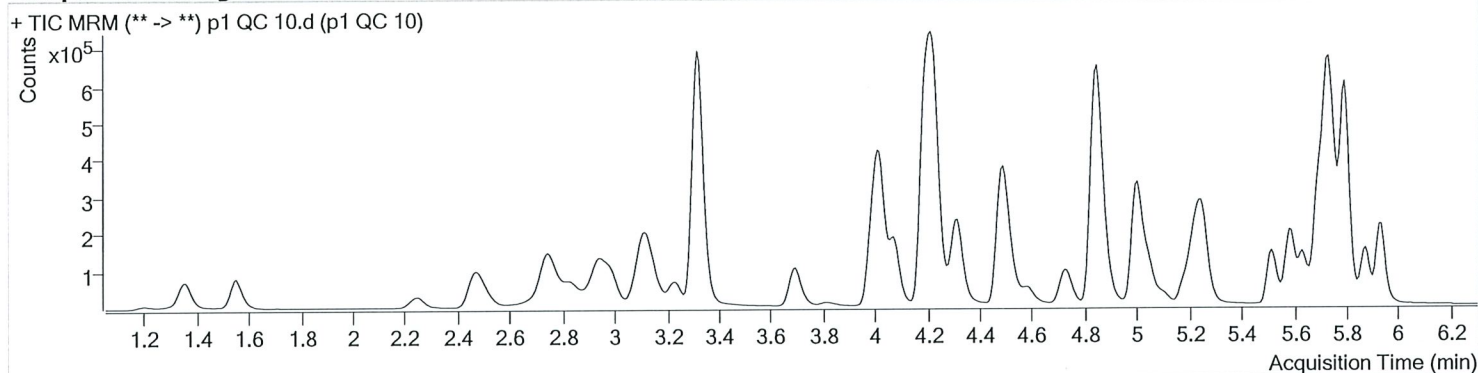
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-A2	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 8:00:07 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	3081	581.94	77.9	6844.30	65464	0.9600 ng/ml
7-aminoclonazepam	4.223	73681	1710.97	83.2	286.25	272954	10.0454 ng/ml
a-hydroxyalprazolam	5.674	35324	240.93	61.1	762.32	80226	10.0347 ng/ml
alpha-PHP	4.888	19575	400.68	267.2	1585.51	491829	9.1541 ng/ml
alpha-PVP	4.322	113980	886.75	50.5	370.48	491829	10.0949 ng/ml
Alprazolam	5.751	116181	570.39	107.7	663.01	324758	10.6581 ng/ml
Amphetamine	2.990	130668	1025.84	51.7	582.49	132713	10.0392 ng/ml
Benzoylcegonine	3.838	6528	225.67	7.6	32.34	22103	10.1481 ng/ml
Buprenorphine	5.796	1372	19.26	20.6 High	82.59	59524	1.2748 ng/ml
Bupropion	4.739	68508	2813.50	60.0	98.73	221633	9.9963 ng/ml
Carisoprodol	5.700	104603	381517.21	54.0	2251.19	477072	10.4677 ng/ml
Citalopram	5.183	34997	222.76	44.3	26523.11	156089	9.9399 ng/ml
Clonazepam	5.581	154017	4492.58	32.6	12420.52	173443	9.9821 ng/ml
Cocaine	4.223	149313	303.78	44.1	410.21	1039079	10.2580 ng/ml
Codeine	2.516	18001	790.92	104.6	792.40	83635	9.8024 ng/ml
Cyclobenzaprine	5.598	23082	90845.11	9.5	48.31	91599	10.0033 ng/ml
Dextromethorphan	5.226	16683	24983.63	82.9	31.98	81997	9.7140 ng/ml
Dextrorphan	4.077	27988	2662.78	211.1	765.28	363263	9.9591 ng/ml
Diazepam	5.936	83755	2168.25	86.7	816.92	387938	10.2539 ng/ml
Dihydrocodeine	2.495	47998	446.42	63.6	1000.28	248788	10.2980 ng/ml
Diphenhydramine	5.253	76227	1739.07	32.0	34.52	514248	10.3140 ng/ml
Doxylamine	4.500	228449	∞	99.7	5271.45	968085	9.8756 ng/ml
EDDP	5.225	61219	378.20	42.0	84474.80	327541	9.9393 ng/ml
Fentanyl	5.053	2303	102.16	70.5	∞	104984	0.9745 ng/ml
Fluoxetine	5.690	29776	4312.51	8.7	201.02	114677	10.2349 ng/ml
Hydrocodone	2.966	57006	129.95	38.4	252.01	351320	10.1835 ng/ml
Hydromorphone	1.561	51981	544.99	75.9	282.35	167450	9.7329 ng/ml
Ketamine	4.003	127731	1335.96	41.0	330.77	540896	10.2540 ng/ml
Lamotrigine	4.232	13197	1778.25	80.4	989.57	540896	11.6153 ng/ml
Lorazepam	5.729	128503	∞	55.8	528.03	173443	10.2542 ng/ml
MDA	3.137	114199	2828.83	20.9	61.14	239219	10.3007 ng/ml
MDMA	3.237	83762	5887.47	60.8	2600.34	76542	10.2168 ng/ml
Meprobamate	4.869	44237	4011.71	27.9	1113.26	239159	9.7601 ng/ml

p1 QC 10

** Outside curve range

Generated at 9:54 AM on 8/10/2020

8/10/20
FSC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	47132	990.24	53.9	257.01	219659	9.7301 ng/ml
Methamphetamine	3.165	69284	343.42	40.2	139.88	319935	10.3942 ng/ml
Metoprolol	4.285	19552	3639.55	96.4	437.19	1365296	9.0263 ng/ml
Mirtazapine	4.582	67173	2878.49	49.1	3246.84	491829	8.0914 ng/ml *
Mitragynine	5.188	9590	21574.20	36.8	8194.87	219659	10.3620 ng/ml
Morphine	1.206	8971	300.45	23.1	246.09	9800	10.1406 ng/ml
Norbuprenorphine	4.944	207	∞	74.4	14.40	6692	1.1181 ng/ml
Nordiazepam	5.882	78242	1960.31	58.3	508.72	245198	10.3551 ng/ml
Norfentanyl	4.044	18794	951.95	38.3	135.65	880710	0.9469 ng/ml
Norhydrocodone	3.014	5657	87.27	39.3	∞	57653	9.9548 ng/ml
Noroxycodone	2.852	54335	1583.33	48.6	16.25	180878	10.2147 ng/ml
O-desmethyl-tramadol	3.323	343451	3345.35	6.0	185.49	1768900	10.0899 ng/ml
Oxazepam	5.732	143432	1131.59	69.5	∞	843071	10.2249 ng/ml
Oxycodone	2.769	129547	1712.56	30.4	559.61	545708	9.9576 ng/ml
Oxymorphone	1.356	54269	∞	46.8	666.07	190947	9.5854 ng/ml
Phentermine	3.730	24909	260.16	3.0	24.28	324809	10.5830 ng/ml
Promethazine	5.515	51990	495.56	31.5	253.07	225012	10.1094 ng/ml
Quetiapine	5.525	44317	∞	57.0	∞	52237	10.8235 ng/ml
Sertraline	5.758	14977	220.78	94.7	16665.90	64576	8.9042 ng/ml
Temazepam	5.799	234164	1044.91	30.6	753.77	1123889	9.9552 ng/ml
Tramadol	4.205	270217	2279.17	3.4	83.49	1365296	9.8484 ng/ml
Trazodone	5.100	44978	∞	76.5	2000.51	182176	9.9909 ng/ml
Venlafaxine	5.001	158129	1190.10	36.1	510.72	780818	10.8165 ng/ml
Zolpidem	4.865	320710	852.26	31.3	5382.81	1529735	10.1112 ng/ml

* Did not evaluate

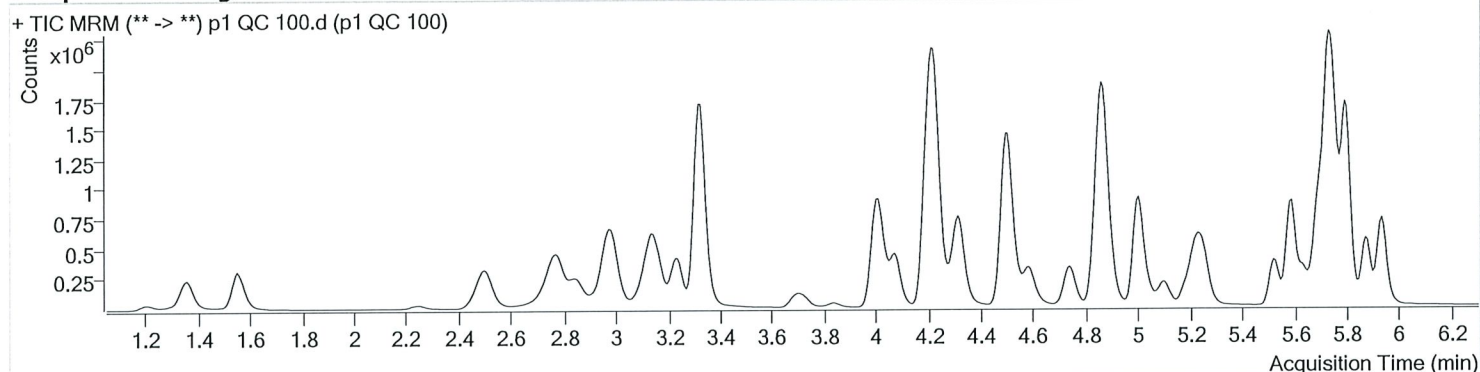
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-B2	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 8:21:17 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	33281	1623.88	72.1	649.35	64468	10.6459 ng/ml
7-aminoclonazepam	4.223	645966	13219.65	84.2	∞	232070	108.8995 ng/ml
a-hydroxyalprazolam	5.674	337787	692.35	60.7	2181.16	72886	110.6743 ng/ml
alpha-PHP	4.888	167760	2808.97	267.1	23920.97	454488	91.3816 ng/ml
alpha-PVP	4.322	1090592	1473.29	51.0	908.54	454488	99.9115 ng/ml
Alprazolam	5.751	1076797	2554.24	107.7	2167.71	290692	100.8354 ng/ml
Amphetamine	2.990	1173525	13270.14	51.1	4414.37	121401	107.1302 ng/ml
Benzoylcegonine	3.838	67003	819.61	7.4	223.79	21570	105.9493 ng/ml
Buprenorphine	5.796	9177	89.97	16.1	365.34	37074	9.9584 ng/ml
Bupropion	4.739	567285	1082.55	60.5	14391.94	178030	103.6528 ng/ml
Carisoprodol	5.700	948310	2155.91	54.3	1118.35	430408	107.2152 ng/ml
Citalopram	5.183	256068	775.63	42.9	712.46	111651	103.1147 ng/ml
Clonazepam	5.588	1457473	34147.58	32.9	46217.99	163443	104.0133 ng/ml
Cocaine	4.223	1452516	196294.52	43.5	2565095.42	967085	103.7866 ng/ml
Codeine	2.516	175697	1095.84	105.9	8833.37	77957	106.2686 ng/ml
Cyclobenzaprine	5.598	134278	7584.61	10.1	185.10	50361	106.6484 ng/ml
Dextromethorphan	5.226	116152	1082.64	79.1	336.20	51861	104.9954 ng/ml
Dextrorphan	4.077	260277	10104.97	209.3	4488.97	322363	103.3815 ng/ml
Diazepam	5.936	792023	∞	87.5	2500.91	360128	104.8842 ng/ml
Dihydrocodeine	2.495	477280	3135.14	63.7	2159.72	245229	110.6279 ng/ml
Diphenhydramine	5.253	541835	1145.73	32.5	1340.12	355455	103.8263 ng/ml
Doxylamine	4.500	2173764	670611.54	98.7	131990.24	881168	103.5744 ng/ml
EDDP	5.218	562368	9302.64	43.1	10744.08	295181	102.1300 ng/ml
Fentanyl	5.053	13960	149.34	62.4	29735.96	58005	10.8520 ng/ml
Fluoxetine	5.690	152683	1804.90	8.5	41249.32	58036	108.4357 ng/ml
Hydrocodone	2.966	573010	178.47	37.3	∞	334960	112.9488 ng/ml
Hydromorphone	1.561	509228	∞	76.4	∞	157877	103.6127 ng/ml
Ketamine	4.003	1263308	4639.80	40.2	3919.97	527757	106.7445 ng/ml
Lamotrigine	4.232	118002	7634.52	81.1	3551.08	527757	114.2304 ng/ml
Lorazepam	5.729	1027055	∞	56.6	∞	163443	93.6776 ng/ml
MDA	3.137	1012813	10308.02	20.7	565.19	206948	109.0865 ng/ml
MDMA	3.237	779531	11691.71	62.6	6447.95	67725	107.6093 ng/ml
Meprobamate	4.869	403533	1501.11	26.3	2737.48	206168	109.9393 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	319883	10881.38	51.6	8088.29	143694	106.4375 ng/ml
Methamphetamine	3.165	584180	2002.41	41.9	1267.23	279716	110.9593 ng/ml
Metoprolol	4.285	190913	32849.69	96.4	2355.17	1307384	97.6353 ng/ml
Mirtazapine	4.582	536587	24515.28	49.3	4202.83	454488	67.5283 ng/ml *
Mitragynine	5.188	62191	4744.05	36.9	1449.81	143694	105.0795 ng/ml
Morphine	1.206	84415	1045.59	23.0	450.88	9027	108.3142 ng/ml
Norbuprenorphine	4.950	1193	146.81	80.8	32.41	4581	11.5462 ng/ml
Nordiazepam	5.876	749011	1704.66	57.8	7765.67	227306	107.8648 ng/ml
Norfentanyl	4.044	190224	19599.95	36.7	462.90	810460	9.8478 ng/ml
Norhydrocodone	3.014	48991	171.46	43.2	169.68	49104	95.3410 ng/ml
Noroxycodone	2.852	533171	2402.32	48.1	1564.42	166428	108.4426 ng/ml
O-desmethyl-tramadol	3.323	3484474	8248.17	6.0	8978.50	1700706	105.4285 ng/ml
Oxazepam	5.732	1222511	∞	71.8	15614.28	695456	109.4618 ng/ml
Oxycodone	2.769	1306412	4404.74	30.3	1742.68	525395	107.1944 ng/ml
Oxymorphone	1.356	525325	∞	46.4	∞	178840	104.4823 ng/ml
Phentermine	3.723	227444	4642.35	3.2	653.27	289696	112.0671 ng/ml
Promethazine	5.515	286554	924.37	31.4	977.40	123580	100.7302 ng/ml
Quetiapine	5.525	372937	35706.65	58.7	∞	41707	113.5668 ng/ml
Sertraline	5.765	79953	355.88	93.9	1482.50	31305	107.6589 ng/ml
Temazepam	5.799	2287260	2586.54	29.8	613.11	1058350	102.0377 ng/ml
Tramadol	4.197	2631110	77449.53	3.4	3135.53	1307384	103.9639 ng/ml
Trazodone	5.100	338447	4941.16	77.0	25087.70	132771	102.3932 ng/ml
Venlafaxine	5.001	1496845	5574.31	36.6	1632.06	710434	106.9545 ng/ml
Zolpidem	4.865	3213192	9590.51	31.1	∞	1500016	106.1682 ng/ml

* Did not evaluate

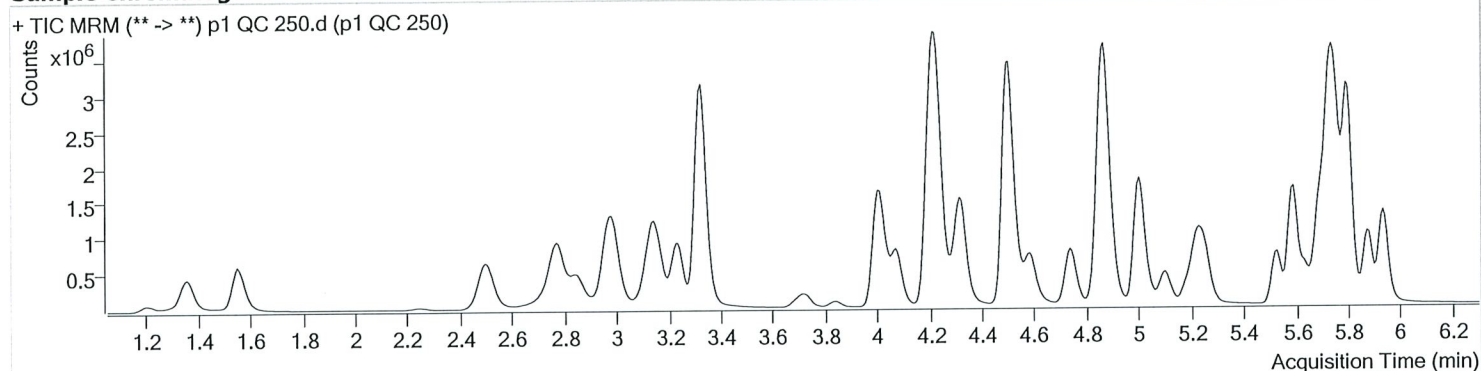
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-C2	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 8:42:27 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	77012	1242.23	72.1	2169.52	62875	25.2747 ng/ml
7-aminoclonazepam	4.223	1196267	9674.00	83.2	320.78	185226	253.4281 ng/ml
a-hydroxyalprazolam	5.674	683035	992.43	61.9	2935.93	65244	250.6741 ng/ml
alpha-PHP	4.888	374183	36479.04	264.8	80685.96	438447	212.3086 ng/ml
alpha-PVP	4.322	2515285	39197.20	50.6	2198.26	438447	238.1752 ng/ml
Alprazolam	5.758	2281600	1963.31	106.5	∞	246587	250.3479 ng/ml
Amphetamine	2.990	2461185	16666.87	50.4	10533.17	114292	239.8475 ng/ml
Benzoylcegonine	3.838	162533	1581.35	7.6	376.34	20482	270.5257 ng/ml
Buprenorphine	5.796	16924	196.32	15.6	91.69	26186	25.3837 ng/ml
Bupropion	4.739	1468746	64306.04	60.1	1063.08	193853	246.5494 ng/ml
Carisoprodol	5.700	1835710	3626.45	54.7	2062.36	360915	247.7996 ng/ml
Citalopram	5.183	518988	7017.31	42.6	628.13	92925	251.3286 ng/ml
Clonazepam	5.588	3049187	9087.98	32.4	7581.94	140018	254.6155 ng/ml
Cocaine	4.223	3177128	126369.85	44.0	169115.94	882996	248.1279 ng/ml
Codeine	2.516	381800	398.11	103.9	521.82	70567	255.6464 ng/ml
Cyclobenzaprine	5.605	227080	∞	9.6	∞	35179	258.3088 ng/ml
Dextromethorphan	5.226	220635	706.04	79.8	∞	41964	246.2156 ng/ml
Dextrorphan	4.077	560632	4517.98	211.7	222533.64	292826	245.0010 ng/ml
Diazepam	5.936	1662160	2539.58	86.1	1072.39	316049	250.8766 ng/ml
Dihydrocodeine	2.495	1058315	5940.60	64.1	1189.33	235606	256.2940 ng/ml
Diphenhydramine	5.253	1117908	1083.72	32.7	21223.57	308747	246.2879 ng/ml
Doxylamine	4.500	5487653	387485.31	98.5	267606.24	917364	251.2069 ng/ml
EDDP	5.225	1286149	21580.20	43.5	1181.49	279958	246.4007 ng/ml
Fentanyl	5.053	23057	409.38	67.8	636.10	42360	24.5643 ng/ml
Fluoxetine	5.690	244544	2306.09	8.9	17848.47	40011	252.5998 ng/ml
Hydrocodone	2.966	1189528	1145.88	38.6	632.12	311284	253.0300 ng/ml
Hydromorphone	1.561	1098272	1816.41	78.3	5499.73	148560	237.8221 ng/ml
Ketamine	4.003	2897572	6668.02	39.8	2552.34	508867	254.3450 ng/ml
Lamotrigine	4.239	228016	16247.66	80.5	11685.62	508867	229.8808 ng/ml
Lorazepam	5.722	1606951	∞	57.6	7702.70	140018	171.8327 ng/ml
MDA	3.137	2185726	48939.14	20.1	757.11	191108	255.4329 ng/ml
MDMA	3.237	1784103	∞	63.6	30481.00	65753	253.6906 ng/ml
Meprobamate	4.869	746572	38705.98	26.5	4268.23	173033	243.1839 ng/ml

p1 QC 250

Generated at 9:54 AM on 8/10/2020

** Outside curve range

2/10/2020

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	624566	55566.21	52.0	9679.64	117930	254.0276 ng/ml
Methamphetamine	3.165	1262206	7601.66	41.9	1514.94	258564	261.0139 ng/ml
Metoprolol	4.285	432853	17710.01	95.7	9584.37	1189089	244.2967 ng/ml
Mirtazapine	4.582	1211557	7485.72	49.8	170920.33	438447	157.6263 ng/ml *
Mitragynine	5.188	113607	13995.92	38.0	2944.87	117930	234.2165 ng/ml
Morphine	1.206	186880	2290.50	22.4	408.54	8631	251.4620 ng/ml
Norbuprenorphine	4.950	2388	∞	75.7	881.82	4123	26.0280 ng/ml
Nordiazepam	5.876	1550812	∞	57.9	2006.56	193810	262.0723 ng/ml
Norfentanyl	4.044	469527	66088.20	36.8	9442.09	812728	24.1566 ng/ml
Norhydrocodone	3.014	104848	269.77	42.7	595.58	39189	254.5965 ng/ml
Noroxycodone	2.852	1123634	1673.12	48.2	4806.82	148423	256.1904 ng/ml
O-desmethyl-tramadol	3.323	7960899	83069.53	5.8	11447.32	1582911	258.6358 ng/ml
Oxazepam	5.732	2120249	38072.91	73.6	23453.05	522075	253.4265 ng/ml
Oxycodone	2.769	2971640	∞	30.4	4467.47	501729	255.7543 ng/ml
Oxymorphone	1.356	1094214	1484.84	47.6	∞	155793	250.6295 ng/ml
Phentermine	3.729	509330	∞	3.1	360.60	271312	268.5243 ng/ml
Promethazine	5.515	506701	2097.98	30.3	1398.22	88470	248.6869 ng/ml
Quetiapine	5.525	878292	30374.82	59.2	8297519.69	42550	262.0902 ng/ml
Sertraline	5.765	118919	299.46	93.0	488136.62	19111	263.6867 ng/ml
Temazepam	5.799	4946236	7200.63	30.3	1494.20	965342	241.7389 ng/ml
Tramadol	4.205	5826786	12258.77	3.4	771.96	1189089	253.7386 ng/ml
Trazodone	5.100	792630	1472644.90	78.6	87999.33	126908	250.7613 ng/ml
Venlafaxine	5.001	3504412	30535.88	36.5	9669.90	689059	257.3308 ng/ml
Zolpidem	4.865	7353096	562278.84	30.6	80007.36	1425125	256.1604 ng/ml

* Did not evaluate

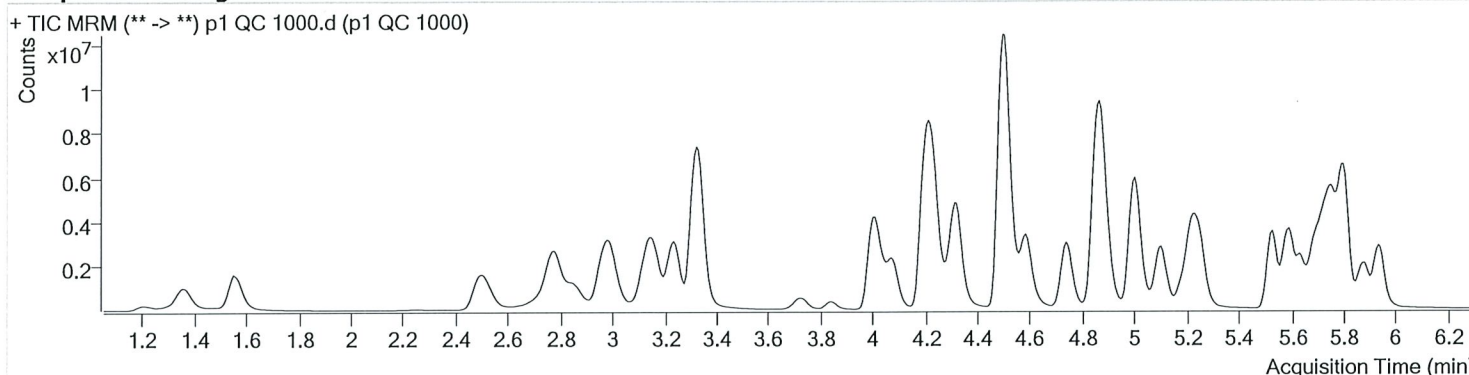
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-D2	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 9:03:38 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.092	276980	3424.74	72.2	3995.44	57301	99.7807 ng/ml
7-aminoclonazepam	4.230	1955819	9056.97	83.0	6836.15	86799	885.6012 ng/ml
a-hydroxyalprazolam	5.668	1627509	∞	60.9	5184.08	40906	954.1439 ng/ml
alpha-PPH	4.895	1278935	62742.87	267.3	12676.91	376237	847.9801 ng/ml **
alpha-PVP	4.322	9213020	1353732.40	48.7	249428.79	376237	1015.0259 ng/ml
Alprazolam	5.758	5609873	∞	106.3	∞	147340	1026.9967 ng/ml
Amphetamine	2.997	6506448	403241.36	49.7	71468.08	105844	686.4774 ng/ml **
Benzoylcegonine	3.838	741100	4228.93	7.6	1824.59	20546	1229.3851 ng/ml
Buprenorphine	5.796	61596	2003.91	16.8	568.34	22363	106.9292 ng/ml
Bupropion	4.739	5837929	11918.76	59.0	4416.73	191396	992.7541 ng/ml
Carisoprodol	5.700	3797970	112943.81	53.7	63070.51	189133	978.9932 ng/ml
Citalopram	5.183	2166342	17160.03	42.8	2412.46	96925	1006.2601 ng/ml
Clonazepam	5.588	7237557	106459.42	31.9	∞	92259	918.2950 ng/ml
Cocaine	4.229	9337230	832939.48	43.0	194411.28	629653	1021.4908 ng/ml
Codeine	2.523	1017778	1822.18	104.2	4201.82	50897	945.8929 ng/ml
Cyclobenzaprine	5.598	1031931	74039.95	10.2	∞	41871	986.4615 ng/ml
Dextromethorphan	5.226	900867	878.28	79.4	420.15	41676	1011.6643 ng/ml
Dextrorphan	4.077	1821710	34591.16	213.5	48252.27	233366	998.6233 ng/ml
Diazepam	5.939	4365885	2153.08	86.8	∞	201691	1032.7347 ng/ml
Dihydrocodeine	2.495	3124106	46386.91	65.0	55257.13	211141	845.9348 ng/ml
Diphenhydramine	5.253	4921134	1494.55	32.5	1384.41	328765	1017.4104 ng/ml
Doxylamine	4.500	22031093	1311216.69	97.7	∞	925555	999.6919 ng/ml
EDDP	5.218	6205158	1539.44	42.2	1493.86	325815	1021.7485 ng/ml
Fentanyl	5.053	114806	751.07	67.6	343691.35	51026	101.5932 ng/ml
Fluoxetine	5.690	850997	404651.95	8.9	33095.59	33982	1036.5961 ng/ml
Hydrocodone	2.966	3599458	∞	38.9	464.41	267338	892.9975 ng/ml
Hydromorphone	1.561	3356926	∞	79.3	1234.15	108941	992.1104 ng/ml
Ketamine	4.003	9455719	2292540.50	38.4	3958.58	433372	975.4691 ng/ml
Lamotrigine	4.246	424442	3042.36	78.7	∞	433372	503.5873 ng/ml **
Lorazepam	5.722	1847887	∞	55.6	2872.09	92259	300.5526 ng/ml **
MDA	3.137	5995309	102514.24	19.0	9901.25	140090	956.8282 ng/ml
MDMA	3.237	6396760	432223.85	62.5	60511.11	58106	1029.3555 ng/ml
Meprobamate	4.876	1195468	50434.67	26.1	11434.13	97886	689.6268 ng/ml **

p1 QC 1000

Generated at 9:54 AM on 8/10/2020

** Outside curve range

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	3088560	2560.67	50.8	18318.00	141451	1049.1396 ng/ml
Methamphetamine	3.165	4419013	19433.84	41.7	12135.56	251557	942.4934 ng/ml
Metoprolol	4.285	1299453	∞	95.3	∞	971748	899.0520 ng/ml
Mirtazapine	4.582	6047457	305530.58	48.6	147867.64	376237	915.3570 ng/ml *
Mitragynine	5.188	489748	27887.18	38.9	783456.85	141451	842.4722 ng/ml **
Morphine	1.206	553351	∞	23.4	∞	6674	964.2975 ng/ml
Norbuprenorphine	4.951	8841	233.20	85.7	788.98	4014	99.7458 ng/ml
Nordiazepam	5.882	3698923	3744.43	57.5	1690.12	121858	994.4498 ng/ml
Norfentanyl	4.044	1696822	24005.31	36.8	10902.67	606814	116.7057 ng/ml
Norhydrocodone	3.021	330911	119.65	41.6	72.22	24247	1296.0622 ng/ml
Noroxycodone	2.852	2749305	450.50	49.6	301.04	92971	1000.5811 ng/ml
O-desmethyl-tramadol	3.323	23851294	266975.31	5.8	4150.21	1185015	1034.7463 ng/ml
Oxazepam	5.726	2645803	∞	74.2	9050.46	183461	900.9770 ng/ml
Oxycodone	2.776	9999584	18023.46	30.1	23561.86	442383	976.9272 ng/ml
Oxymorphone	1.356	3189403	∞	44.9	∞	119376	955.0167 ng/ml
Phentermine	3.730	1691809	4421.68	3.0	∞	253245	956.6032 ng/ml
Promethazine	5.515	2280411	25184.17	30.6	462732.65	100536	984.6510 ng/ml
Quetiapine	5.525	4558444	689834.79	59.0	75163.91	55440	1043.8473 ng/ml
Sertraline	5.765	307781	781.02	92.6	793527.56	12595	1038.3463 ng/ml
Temazepam	5.799	12897620	242250.30	29.1	27067.30	584354	1040.8935 ng/ml
Tramadol	4.197	17606774	9474.80	3.2	7560.67	971748	939.3307 ng/ml
Trazodone	5.100	5023172	1341596.30	77.7	1190402.19	193604	1041.4492 ng/ml
Venlafaxine	5.001	13598456	407742.34	35.6	158596.43	637090	1078.0977 ng/ml
Zolpidem	4.858	22828389	768006.24	30.6	481825.41	1222127	928.1835 ng/ml

* Did not evaluate

** Outside curve range

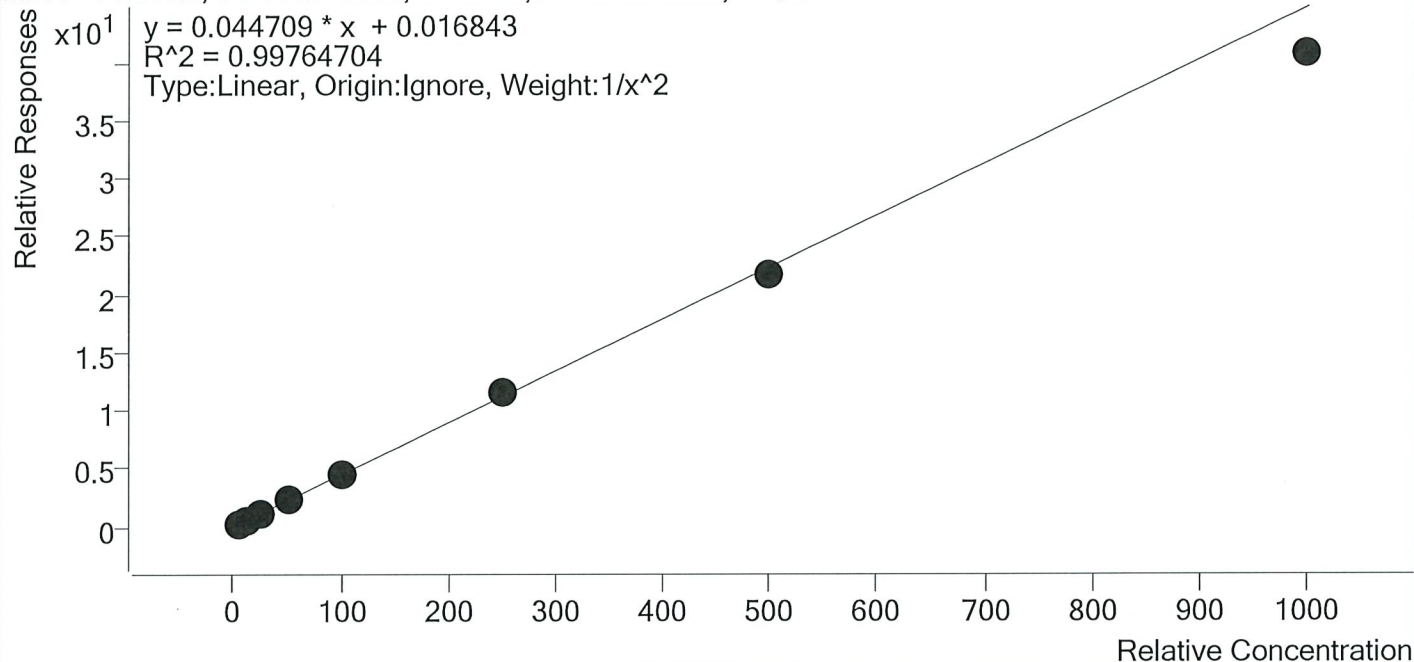
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte MDA Internal Standard MDA-D5

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



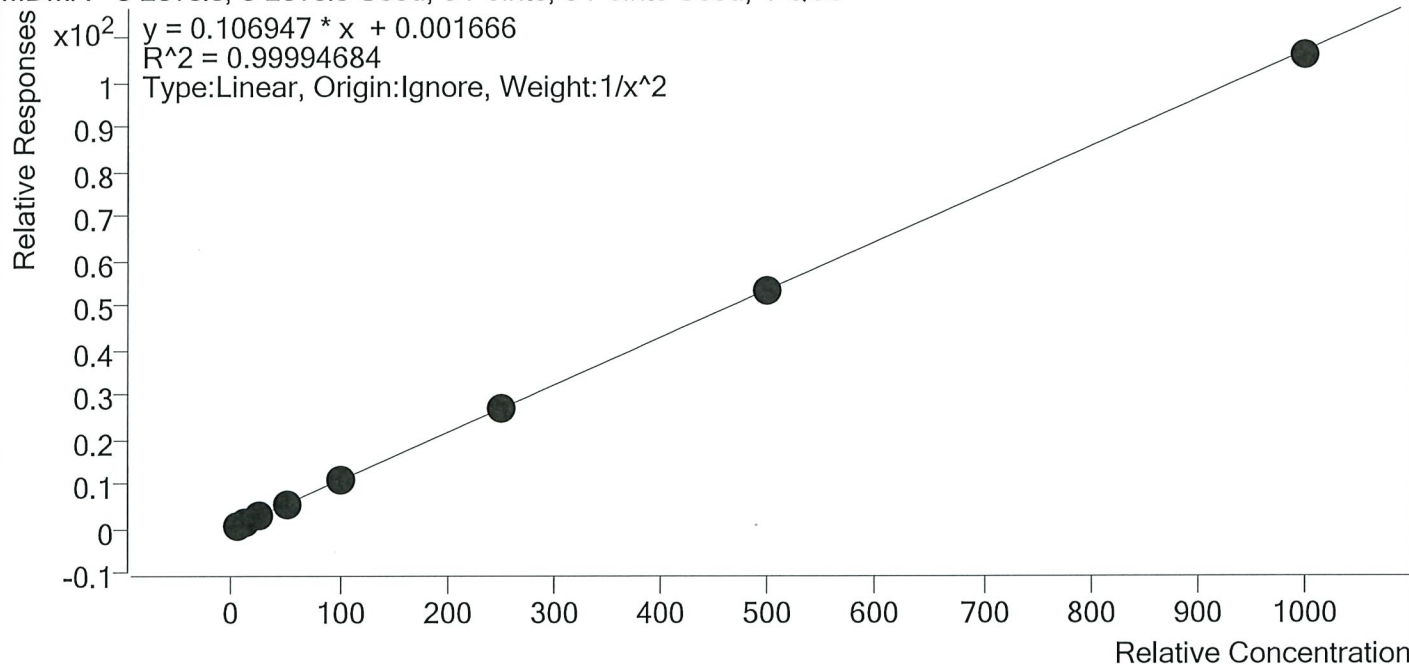
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.6
p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	255.4	102.1
p1 Cal 7-500ng	7	✓	500.0	489.1	97.8
p1 Cal 8-1000ng	8	✓	1000.0	911.6	91.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



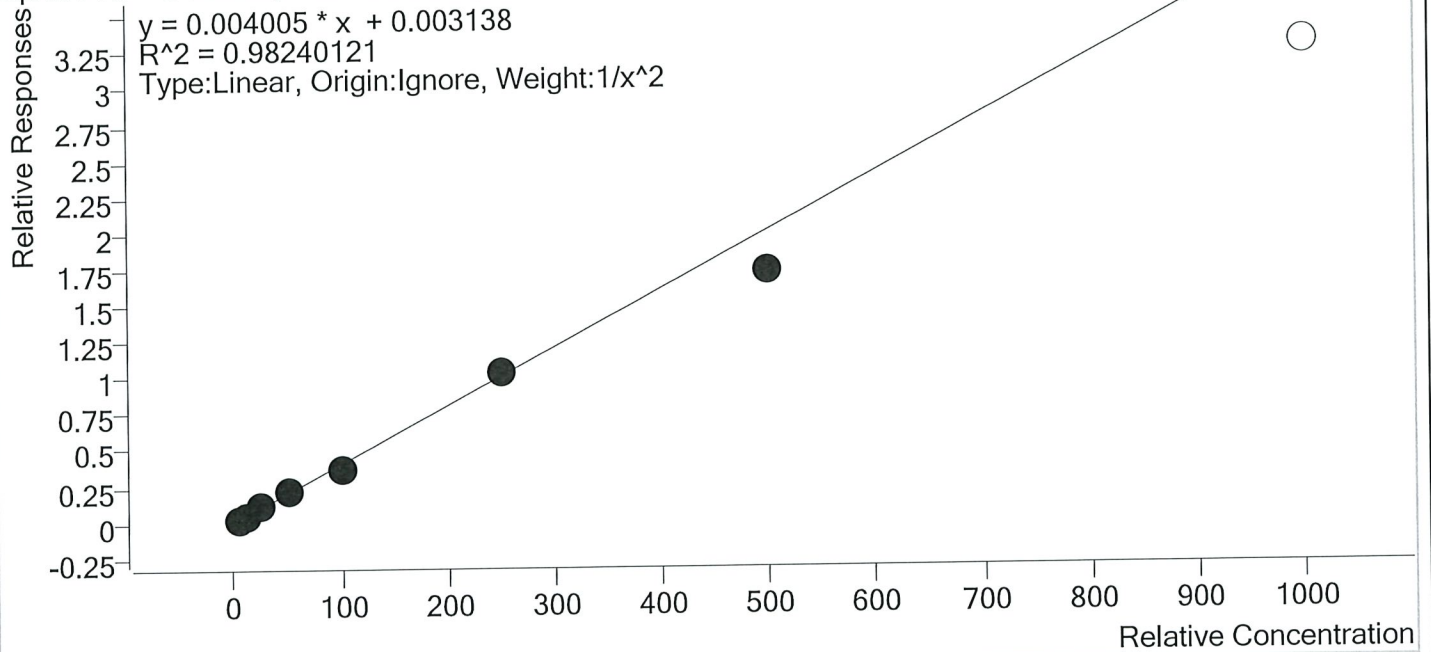
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	498.5	99.7
p1 Cal 8-1000ng	8	✓	1000.0	990.8	99.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

alpha-PHP - 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	4.6	91.1
p1 Cal 2- 10ng	2	✓	10.0	11.4	114.0
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.2
p1 Cal 4-50ng	4	✓	50.0	54.6	109.1
p1 Cal 5-100ng	5	✓	100.0	88.6	88.6
p1 Cal 6-250ng	6	✓	250.0	258.0	103.2
p1 Cal 7-500ng	7	✓	500.0	428.9	85.8
p1 Cal 8-1000ng	8	×	1000.0	818.3	81.8

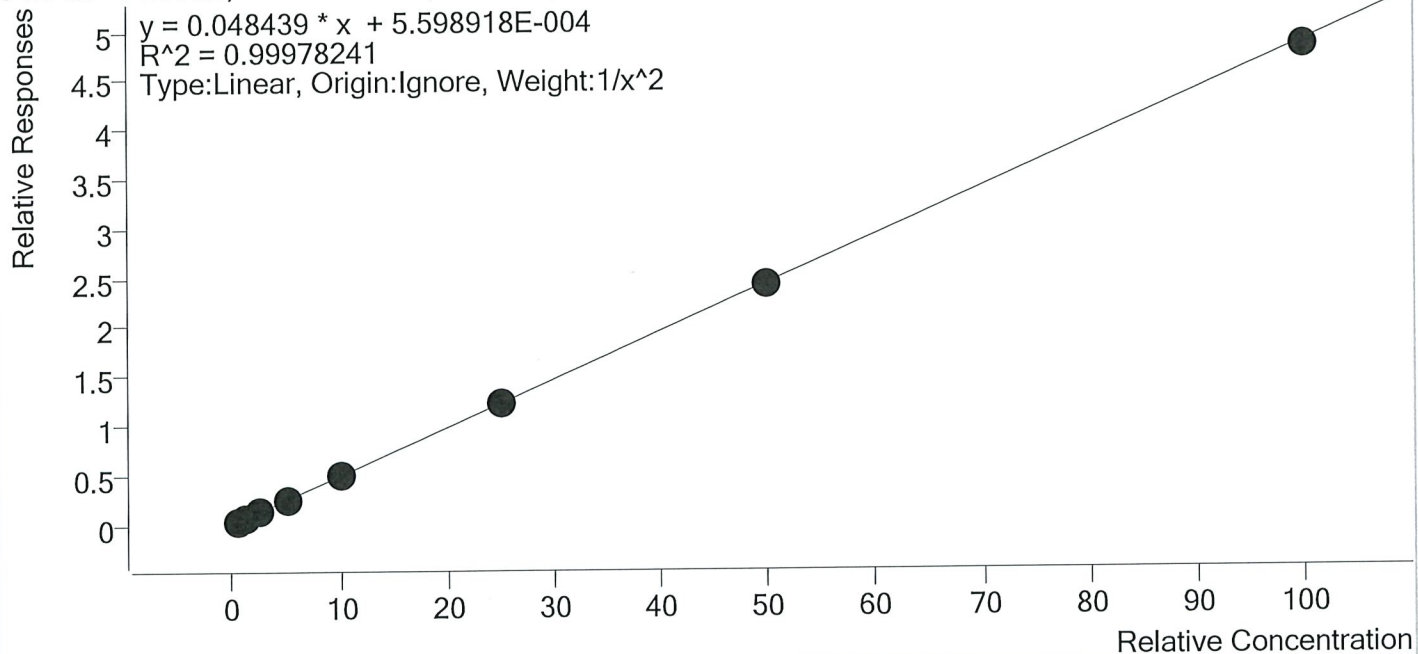
SP
P



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte 6-MAM Internal Standard 6-MAM-D6

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



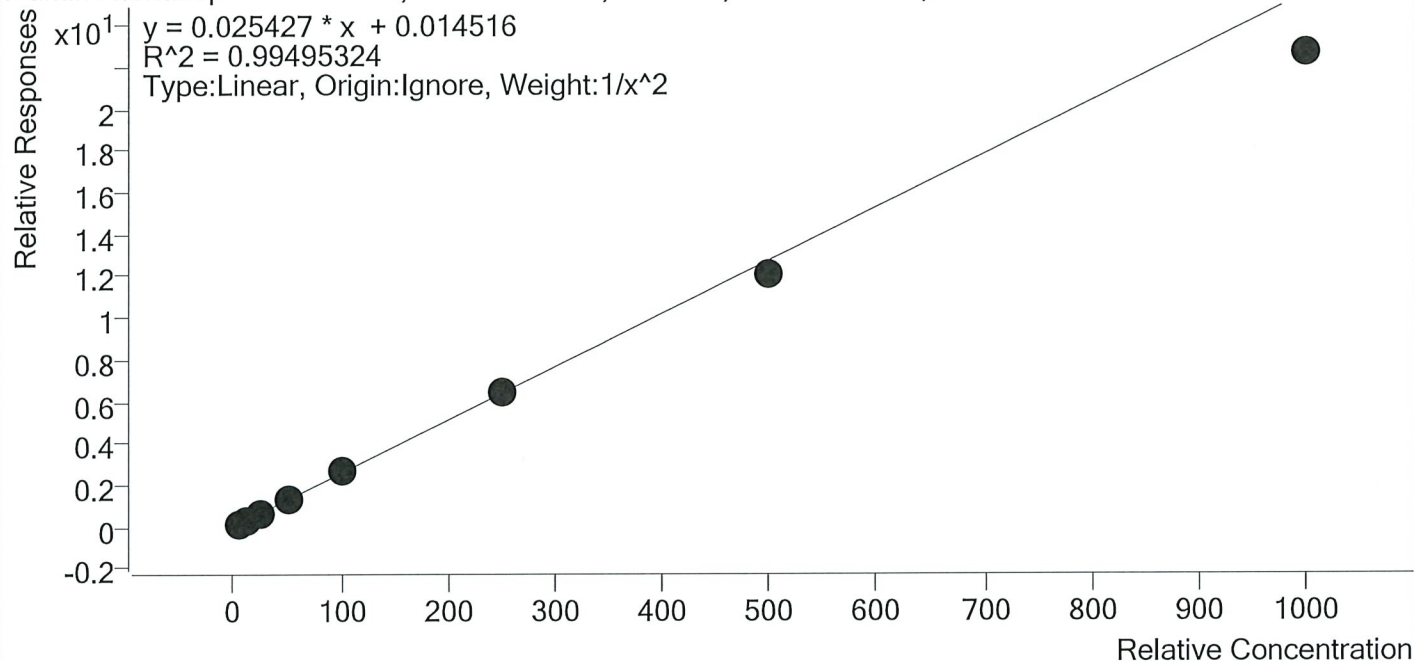
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.0
p1 Cal 2- 10ng	2	✓	1.0	1.0	100.4
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.8
p1 Cal 4-50ng	4	✓	5.0	5.1	101.5
p1 Cal 5-100ng	5	✓	10.0	10.1	101.0
p1 Cal 6-250ng	6	✓	25.0	25.3	101.1
p1 Cal 7-500ng	7	✓	50.0	49.6	99.2
p1 Cal 8-1000ng	8	✓	100.0	99.0	99.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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



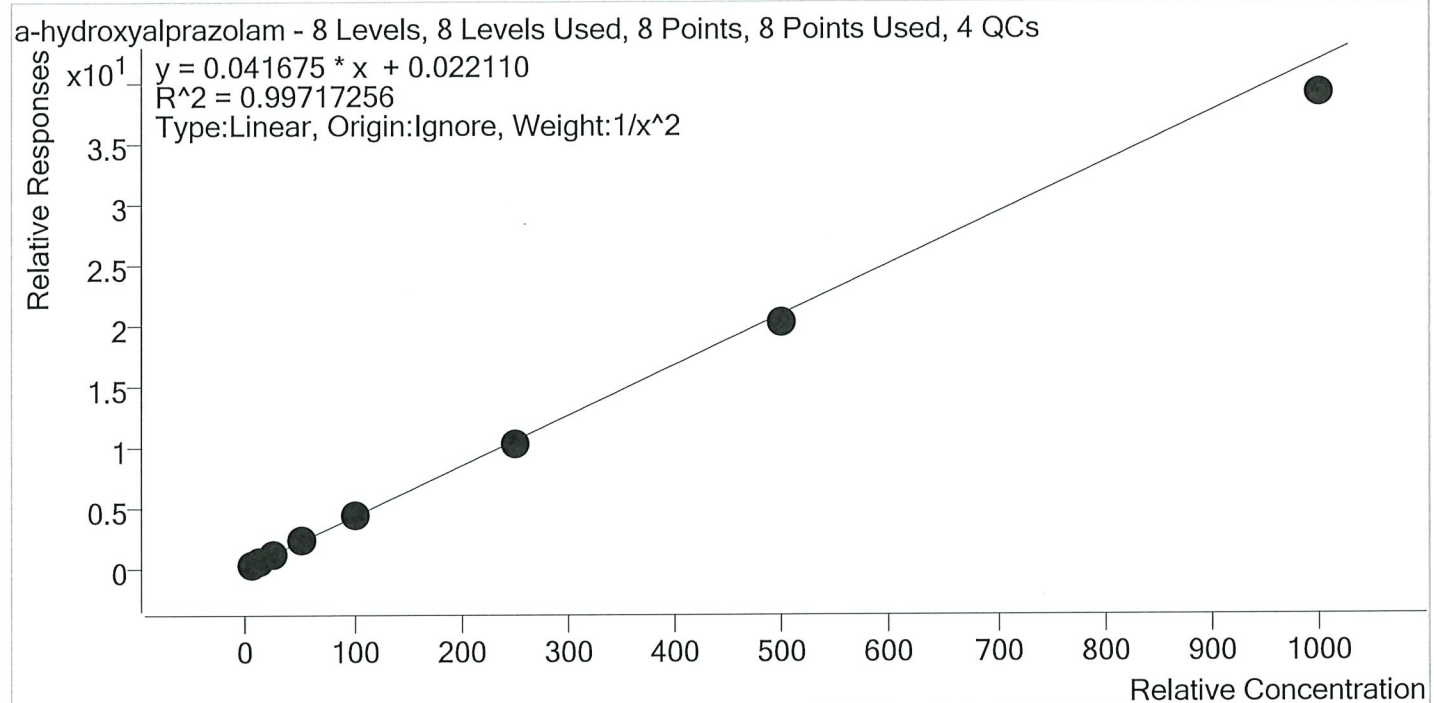
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	473.6	94.7
p1 Cal 8-1000ng	8	✓	1000.0	889.0	88.9

58



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte a-hydroxyalprazolam Internal Standard a-hydroxyalprazolam-D5



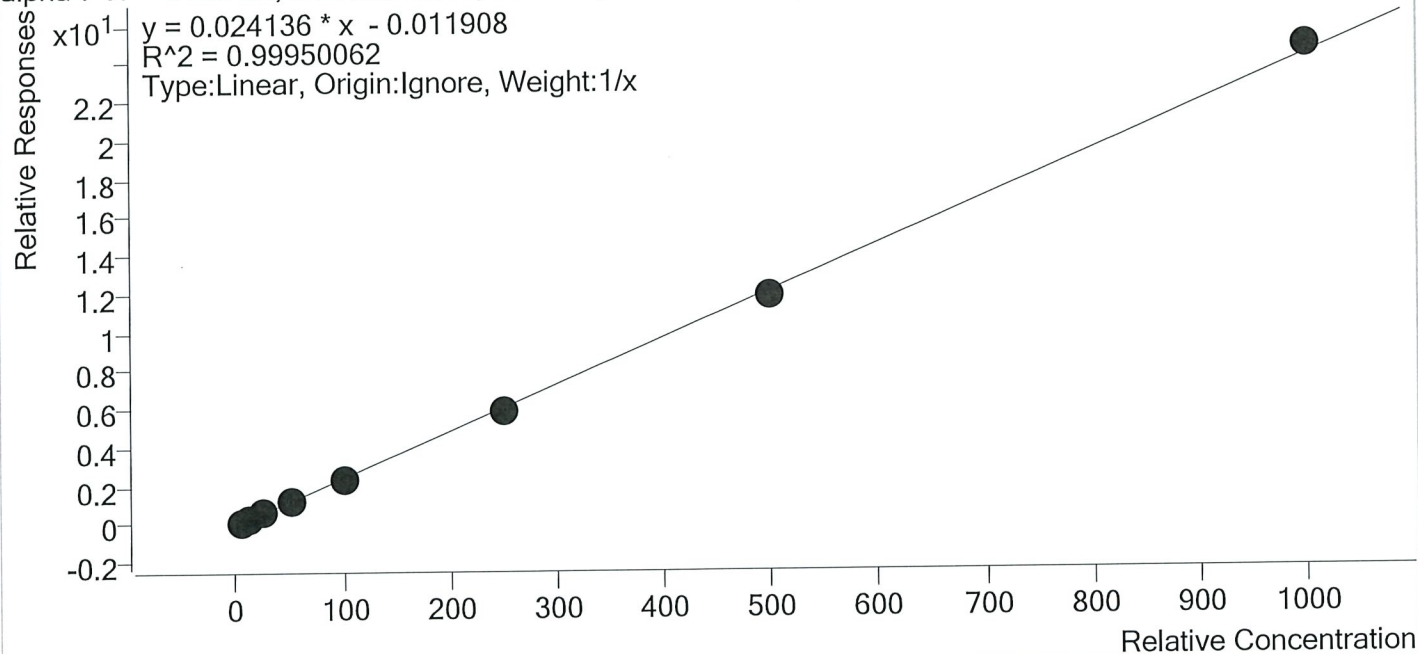
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	242.1	96.8
p1 Cal 7-500ng	7	✓	500.0	482.4	96.5
p1 Cal 8-1000ng	8	✓	1000.0	933.9	93.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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



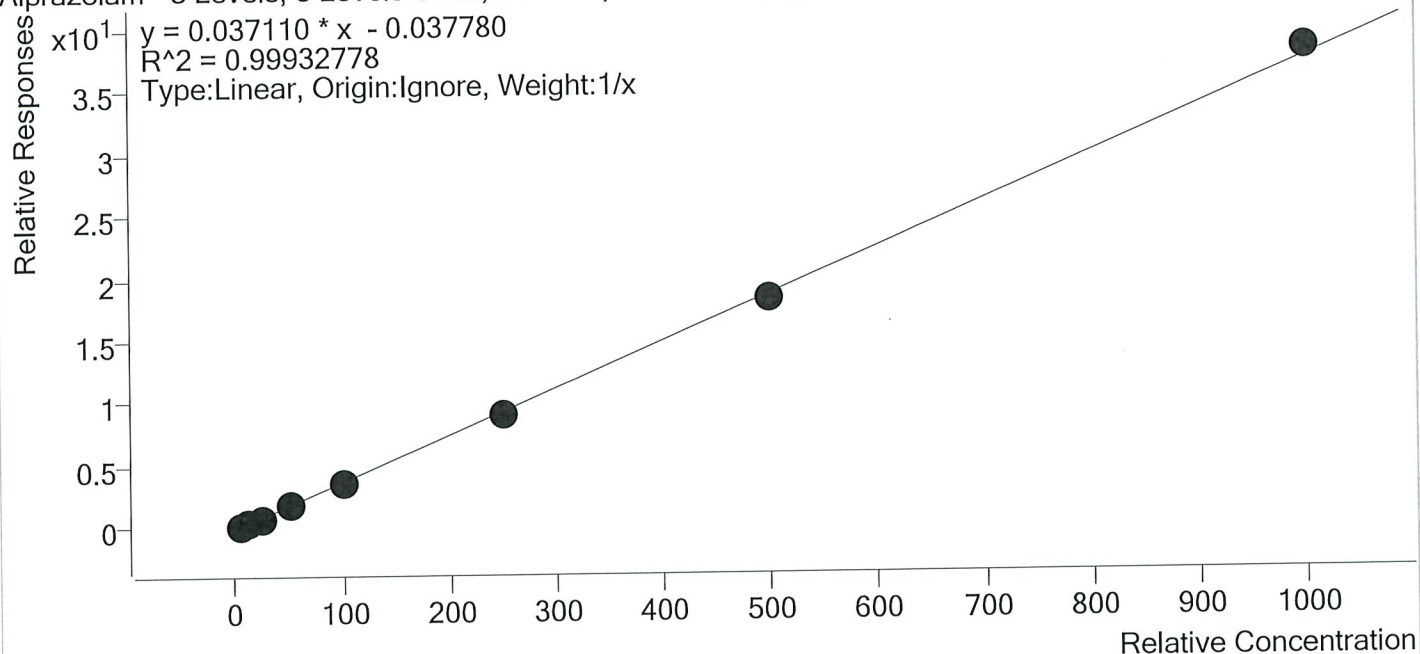
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	107.6
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	242.7	97.1
p1 Cal 7-500ng	7	✓	500.0	492.5	98.5
p1 Cal 8-1000ng	8	✓	1000.0	1019.2	101.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Alprazolam Internal Standard Alprazolam-D5

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



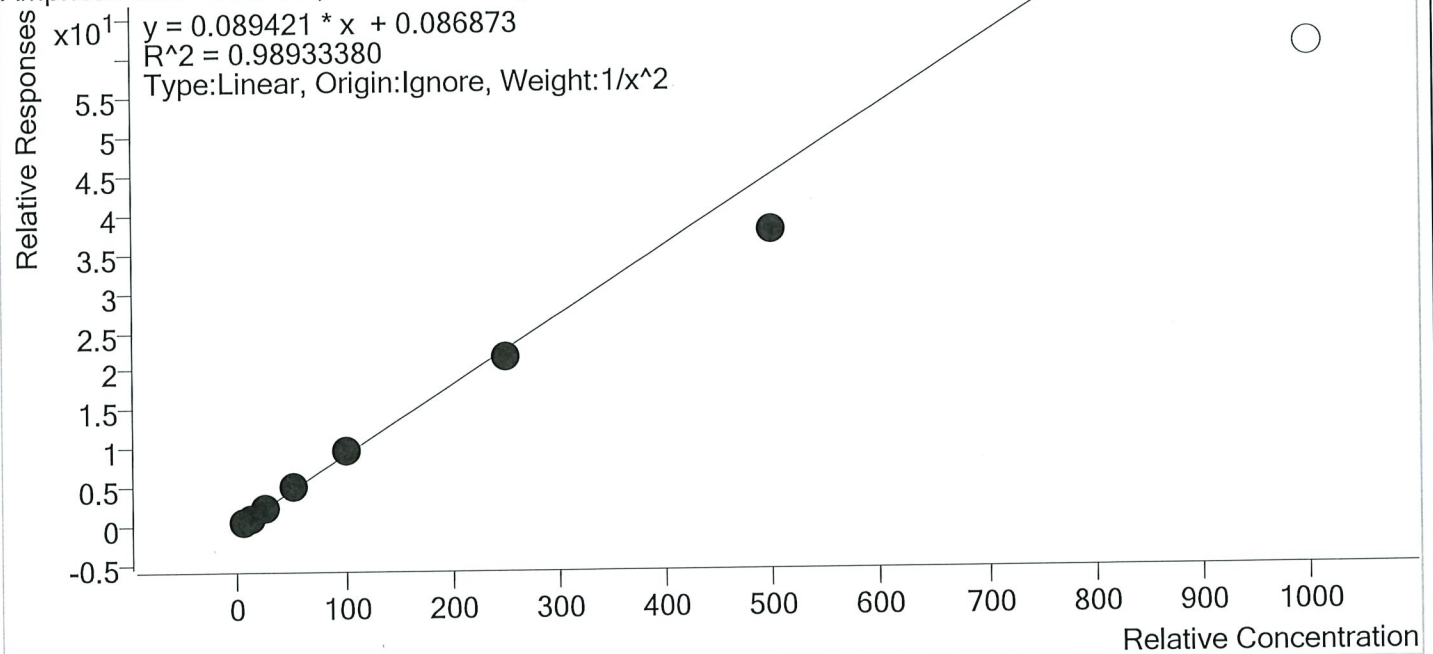
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.6	112.2
p1 Cal 2- 10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.8
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	94.3	94.3
p1 Cal 6-250ng	6	✓	250.0	246.8	98.7
p1 Cal 7-500ng	7	✓	500.0	490.5	98.1
p1 Cal 8-1000ng	8	✓	1000.0	1020.4	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



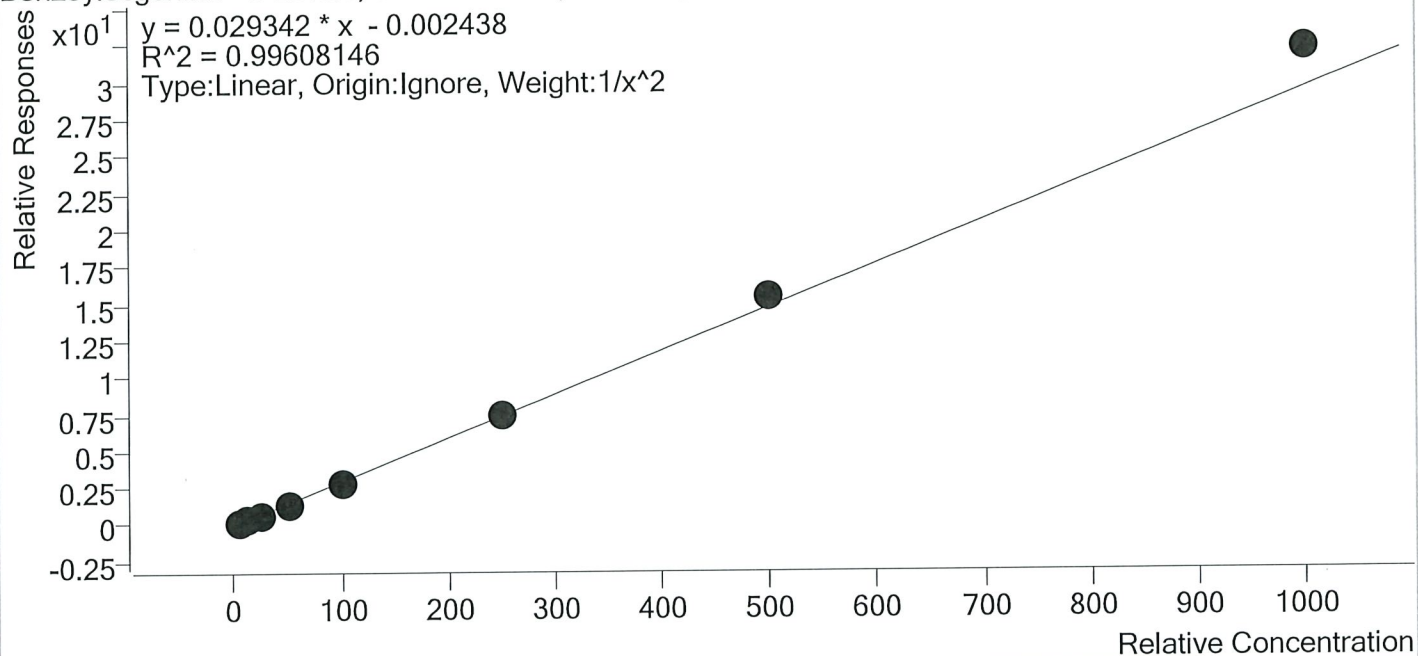
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2- 10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.0
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	238.4	95.4
p1 Cal 7-500ng	7	✓	500.0	421.1	84.2
p1 Cal 8-1000ng	8	×	1000.0	680.9	68.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	93.2	93.2
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	523.8	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1093.1	109.3

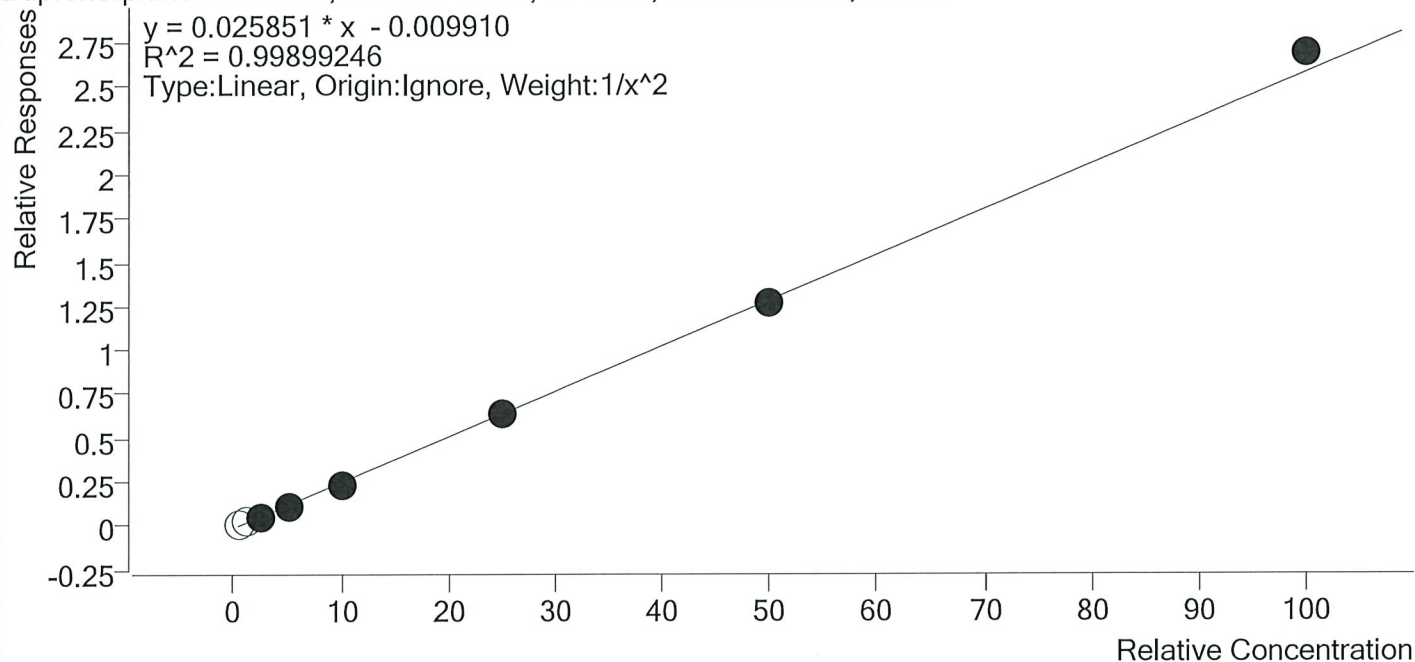
58



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Buprenorphine Internal Standard Buprenorphine-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	×	0.5	0.8	167.7
p1 Cal 2- 10ng	2	×	1.0	1.4	137.1
p1 Cal 3 -25ng	3	✓	2.5	2.5	100.7
p1 Cal 4-50ng	4	✓	5.0	5.0	100.4
p1 Cal 5-100ng	5	✓	10.0	9.7	96.6
p1 Cal 6-250ng	6	✓	25.0	24.9	99.6
p1 Cal 7-500ng	7	✓	50.0	49.3	98.6
p1 Cal 8-1000ng	8	✓	100.0	104.2	104.2

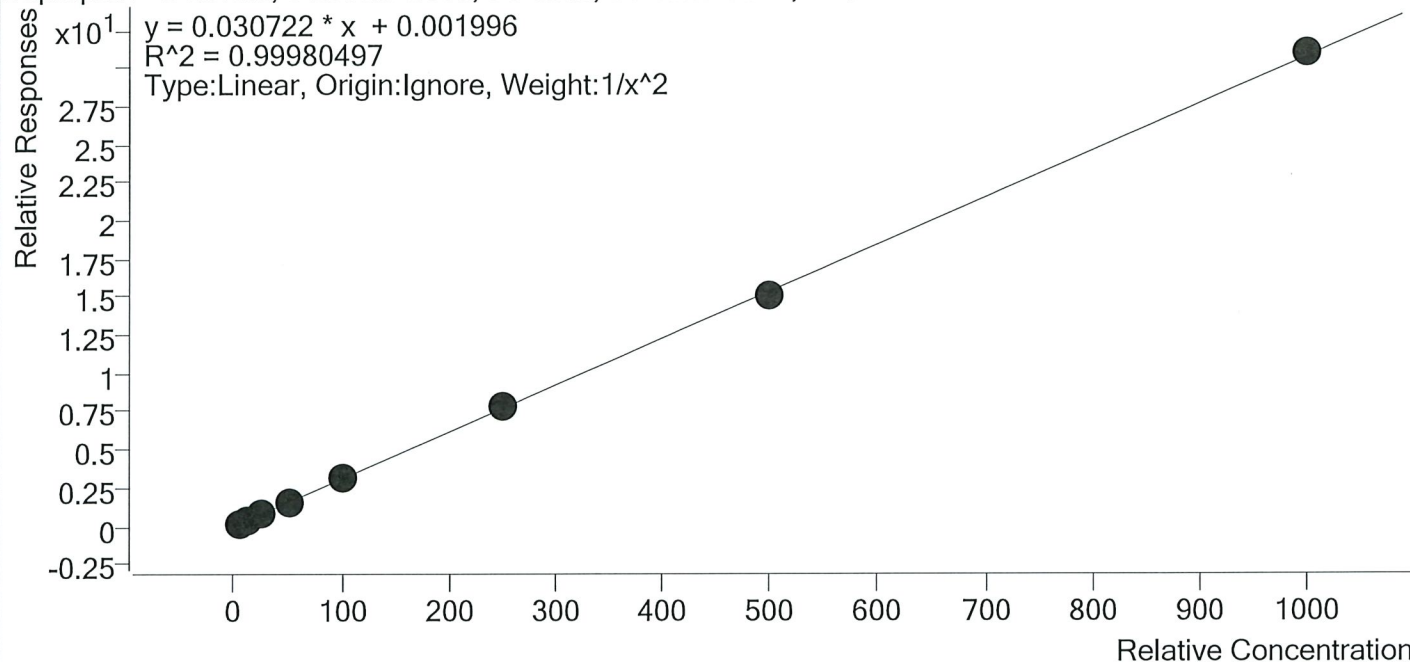
55



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Bupropion Internal Standard Bupropion-D9

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



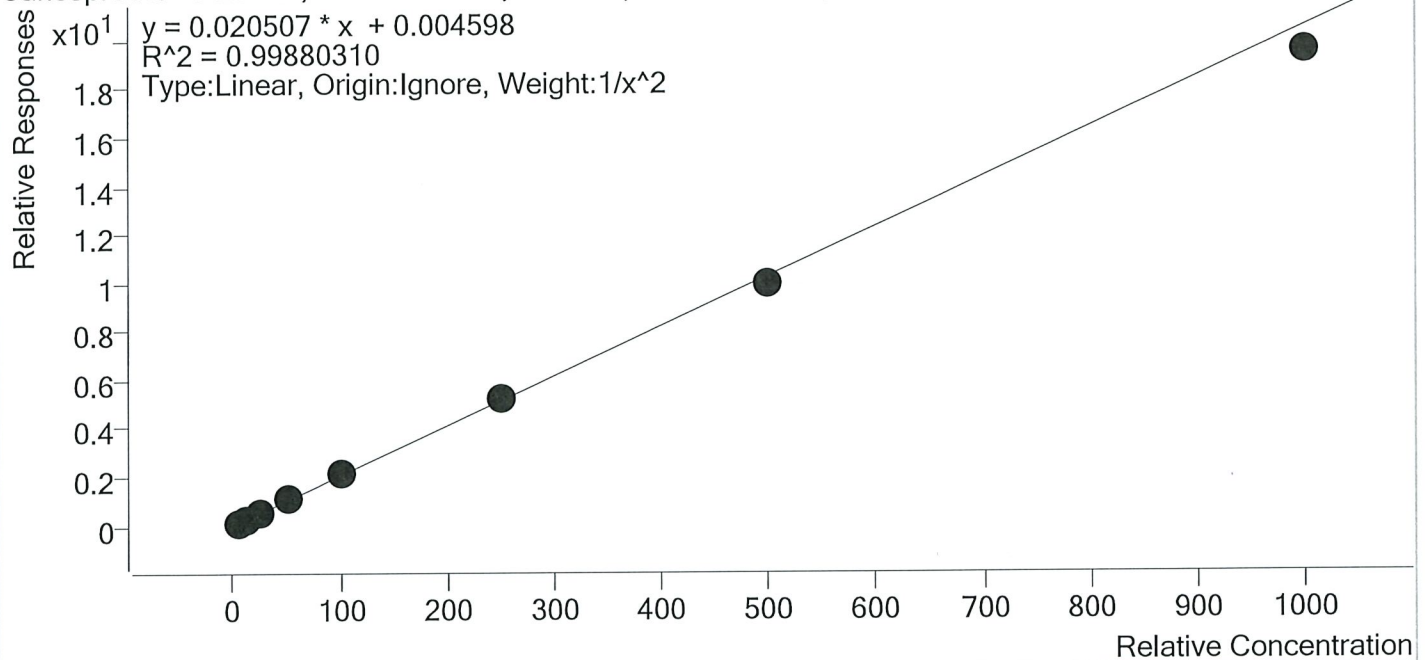
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	488.7	97.7
p1 Cal 8-1000ng	8	✓	1000.0	1007.4	100.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	485.1	97.0
p1 Cal 8-1000ng	8	✓	1000.0	950.8	95.1

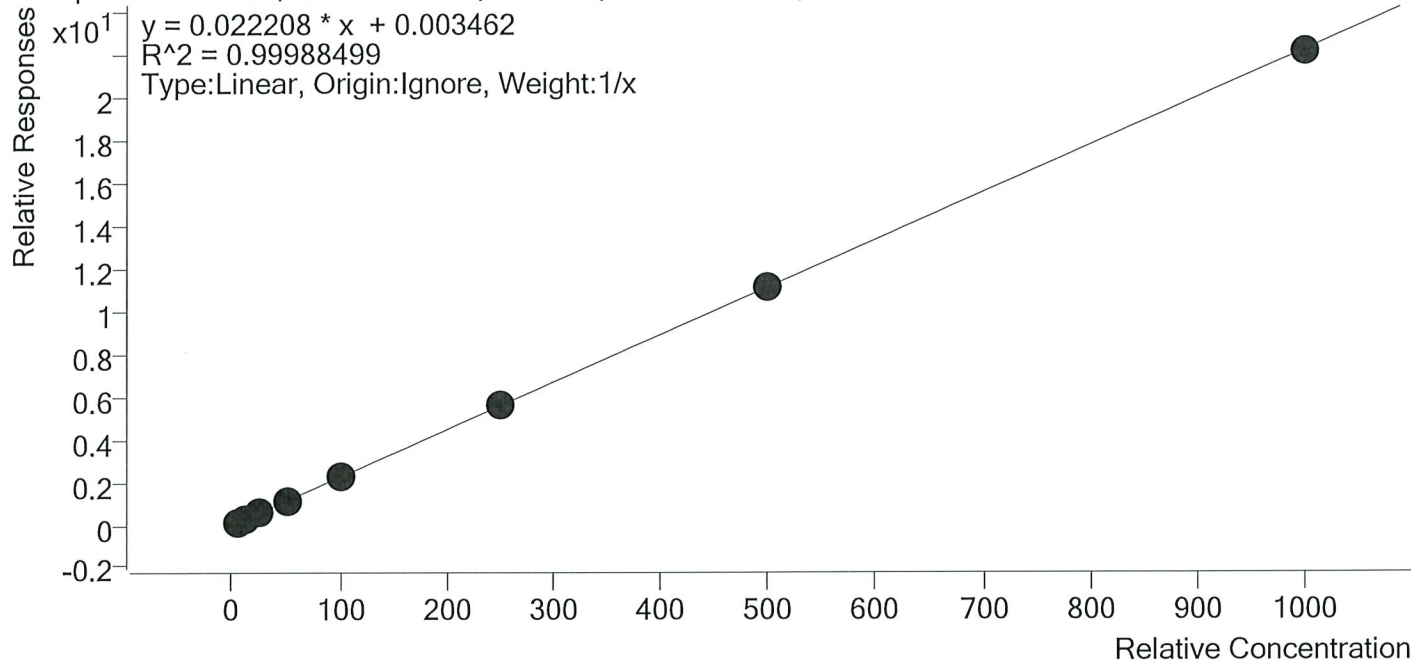
57



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Citalopram Internal Standard Citalopram-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	25.2	101.0
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	499.3	99.9
p1 Cal 8-1000ng	8	✓	1000.0	995.6	99.6

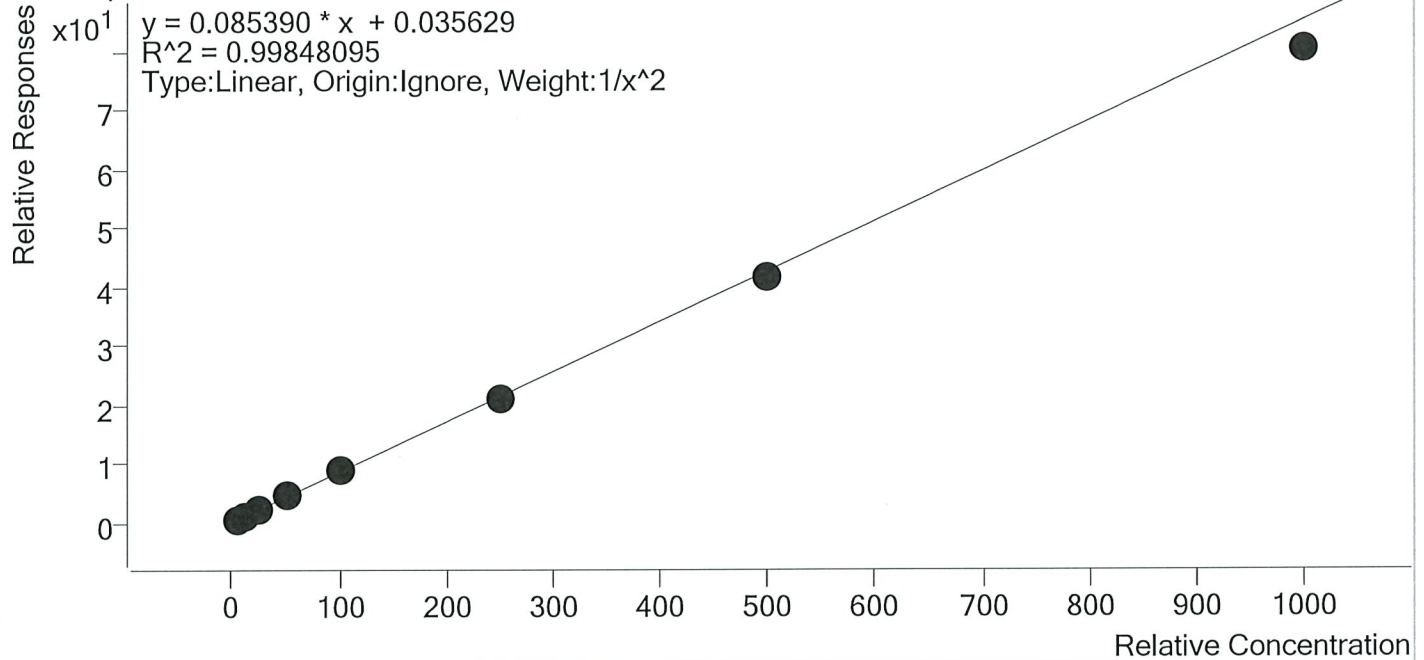
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Clonazepam Internal Standard Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	484.8	97.0
p1 Cal 8-1000ng	8	✓	1000.0	942.2	94.2



AM #28 Multi-Drug Quant. Calibration Curve Report

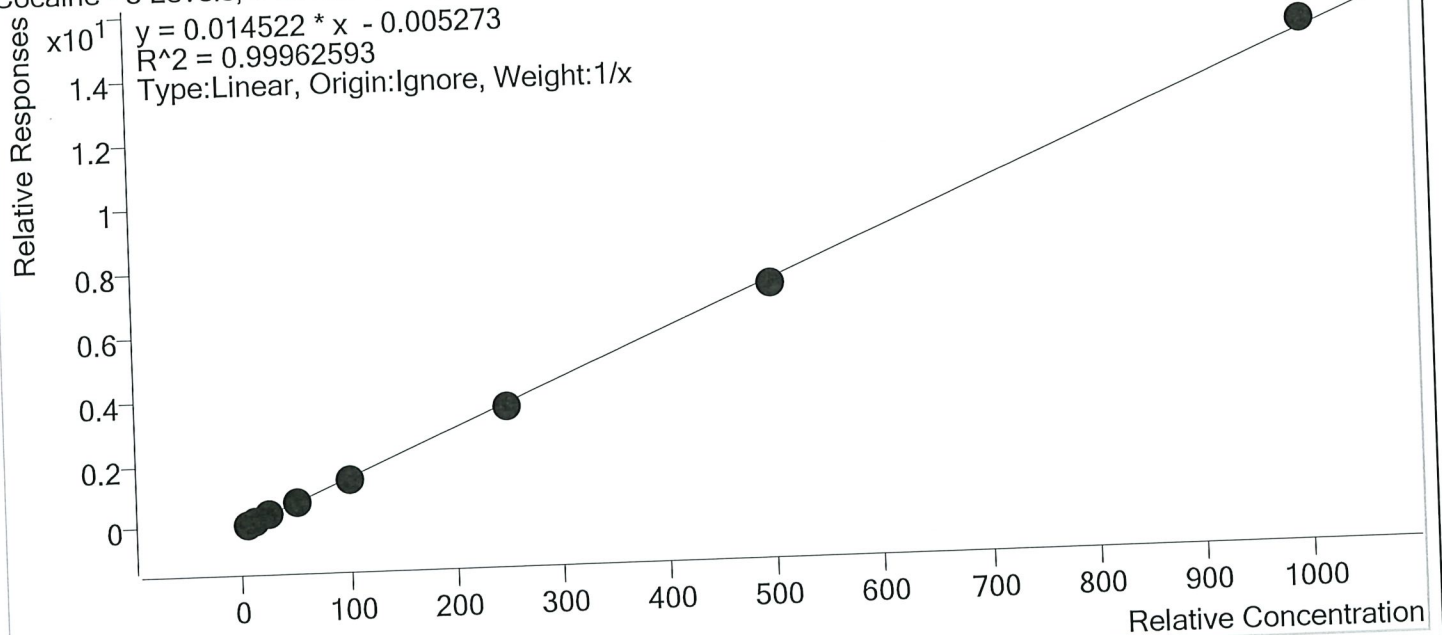
Batch results
Last Cal. Update
Analyst Name
Analyte

D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
8/7/2020 12:11 PM
ISP\datastor
Cocaine
Cocaine

Internal Standard

Cocaine-d3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	490.1	98.0
p1 Cal 8-1000ng	8	✓	1000.0	1017.2	101.7

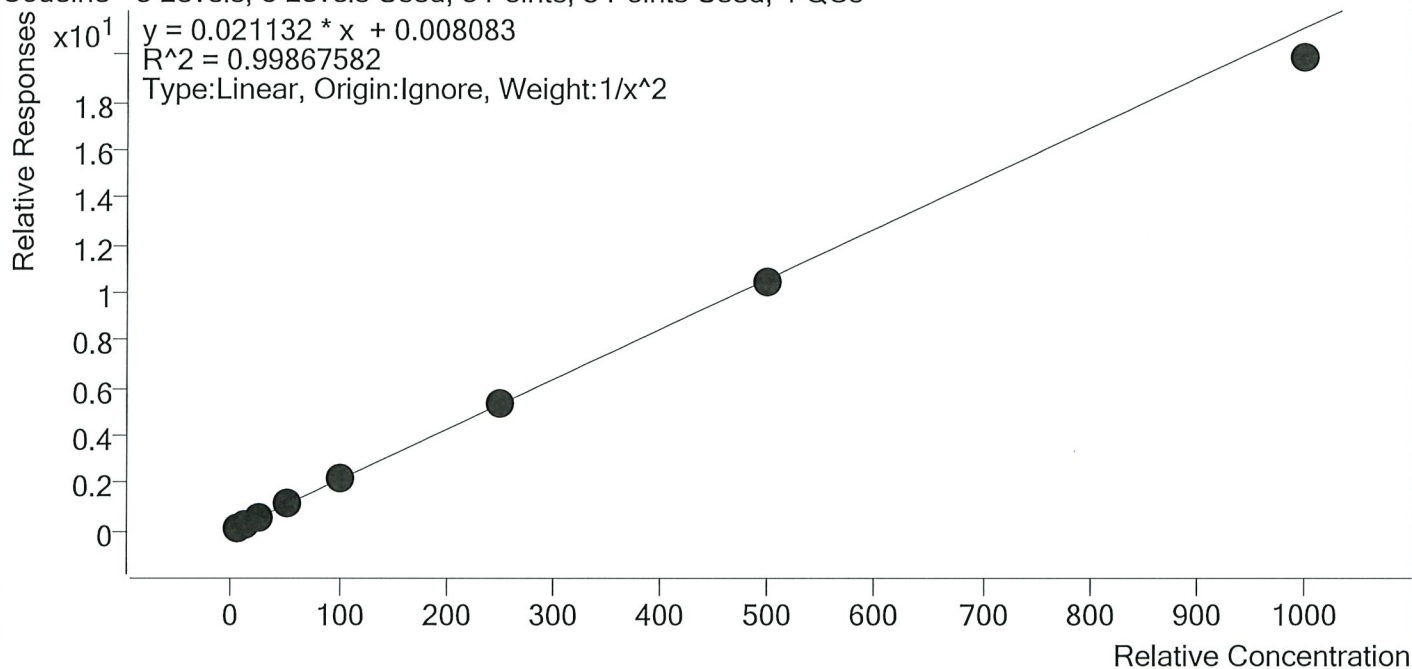
57 15



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Codeine Internal Standard Codeine-D6

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



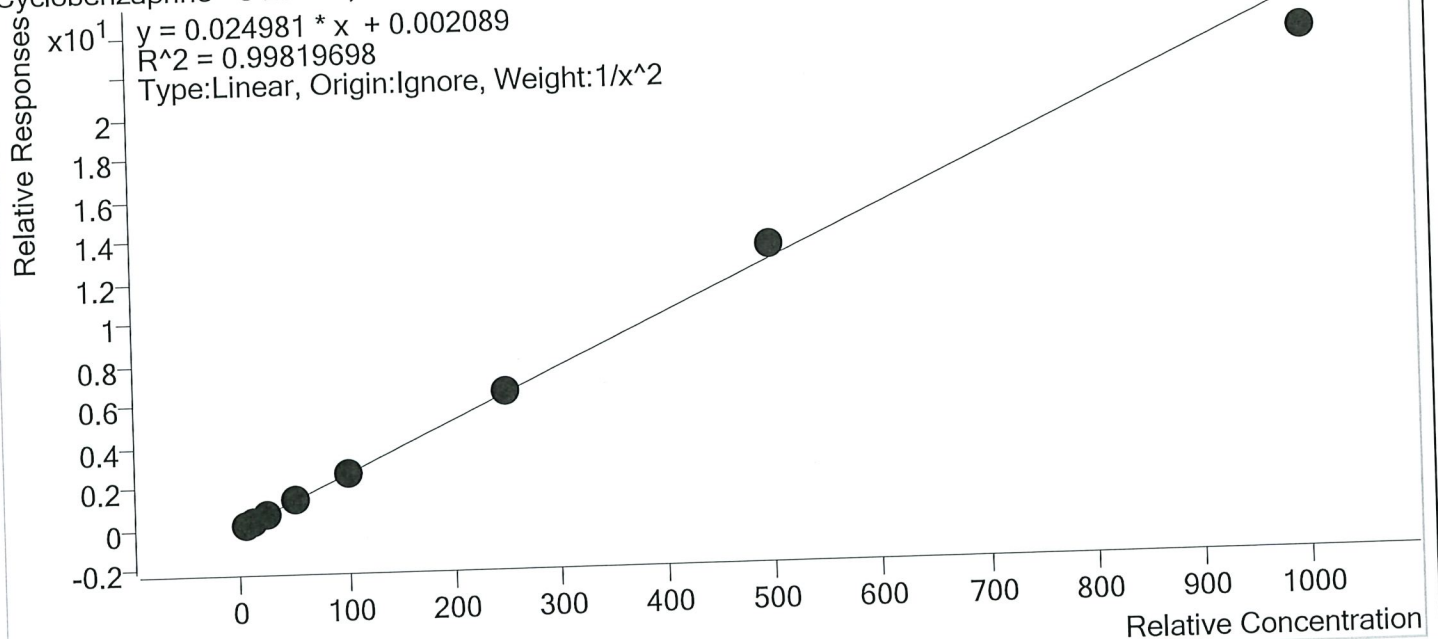
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	493.3	98.7
p1 Cal 8-1000ng	8	✓	1000.0	940.3	94.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine Internal Standard Cyclobenzaprine-D3

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



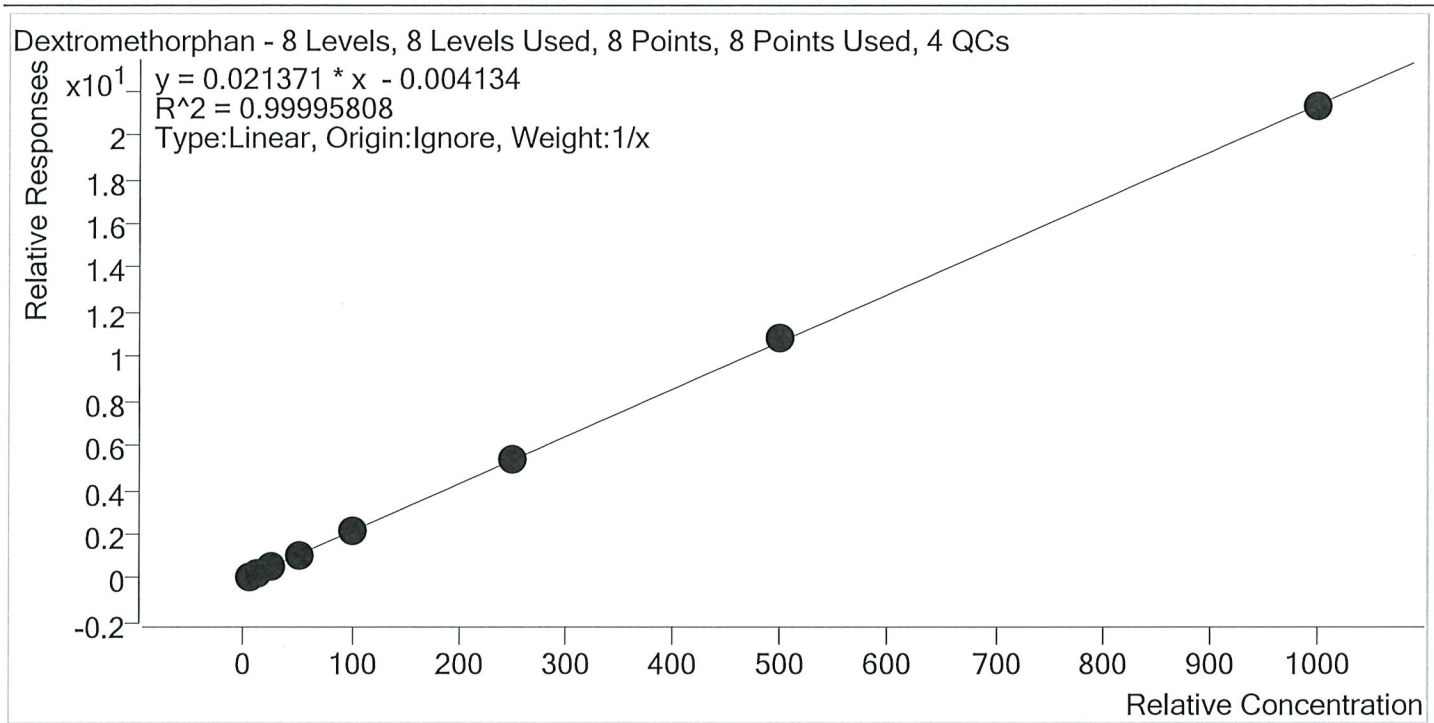
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	523.9	104.8
p1 Cal 8-1000ng	8	✓	1000.0	924.0	92.4

SP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Dextromethorphan Internal Standard Dextromethorphan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	50.3	100.7
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	504.6	100.9
p1 Cal 8-1000ng	8	✓	1000.0	996.5	99.6

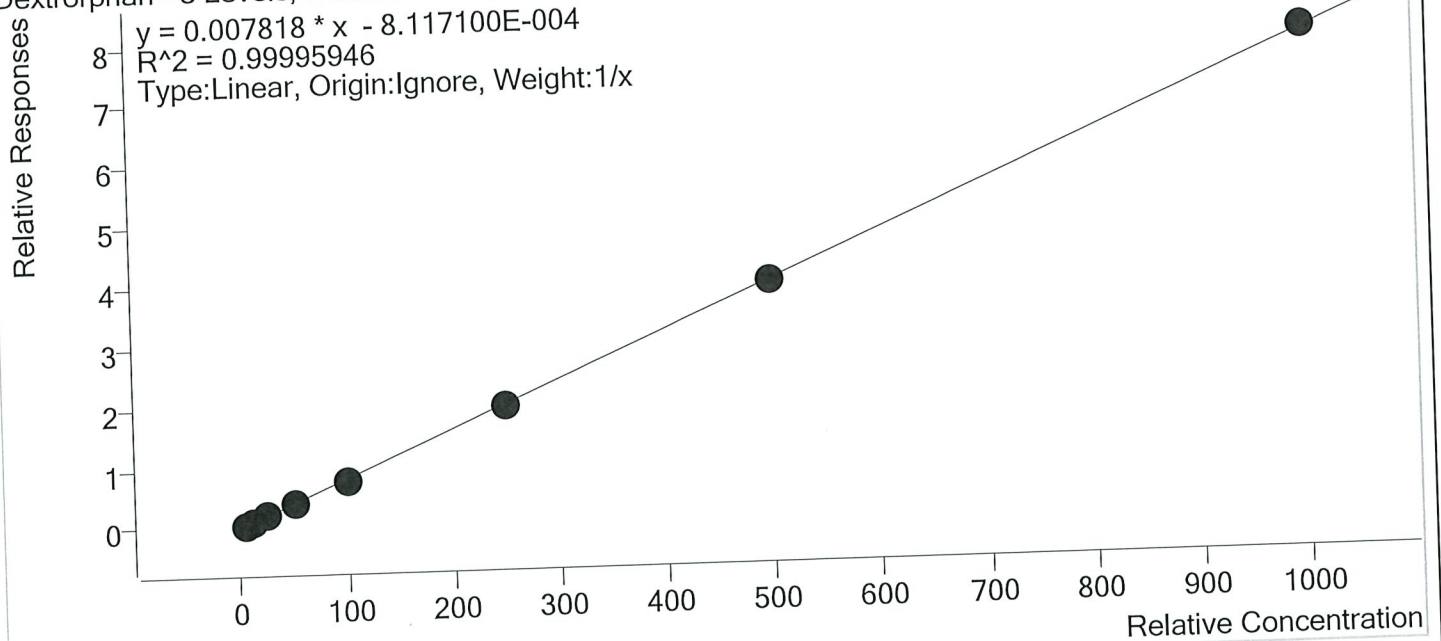


AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results
Last Cal. Update
Analyst Name
Analyte

D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
8/7/2020 12:11 PM
ISP\datastor
Dextrophan
Internal Standard
Dextrophan-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	497.3	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1004.0	100.4

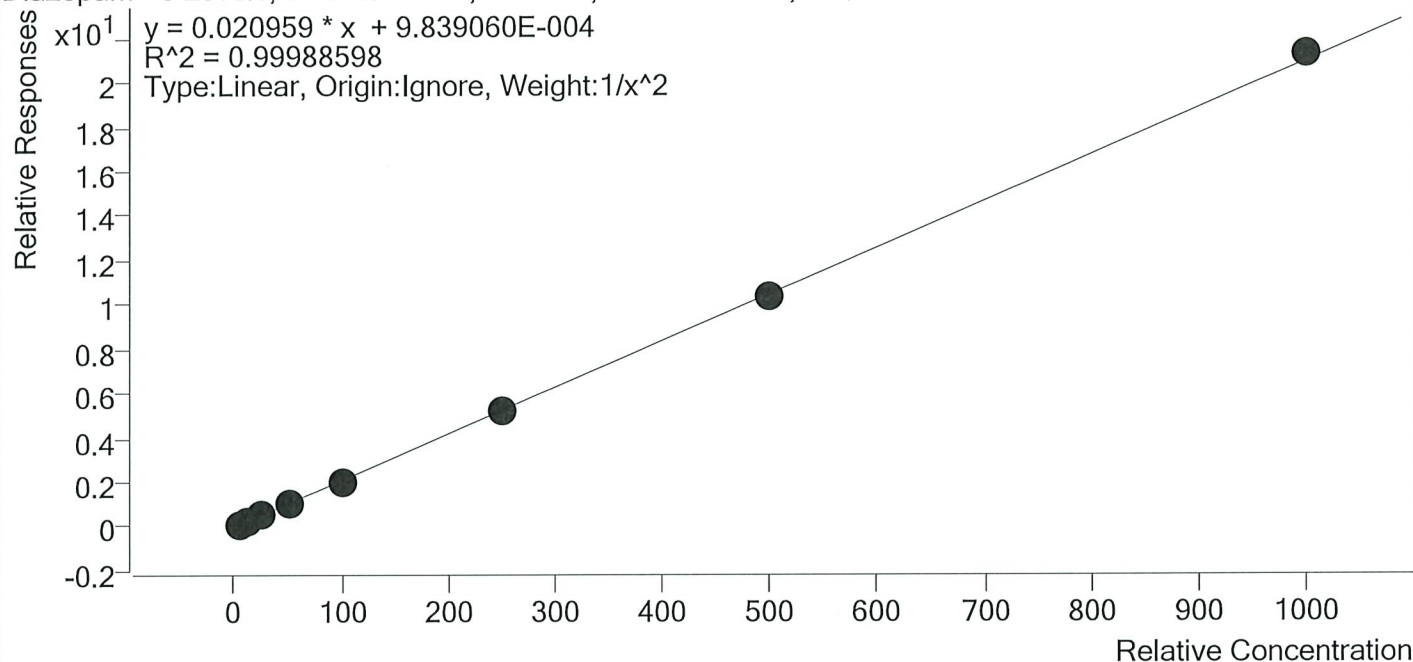
SJ AS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Diazepam Internal Standard Diazepam-D5

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



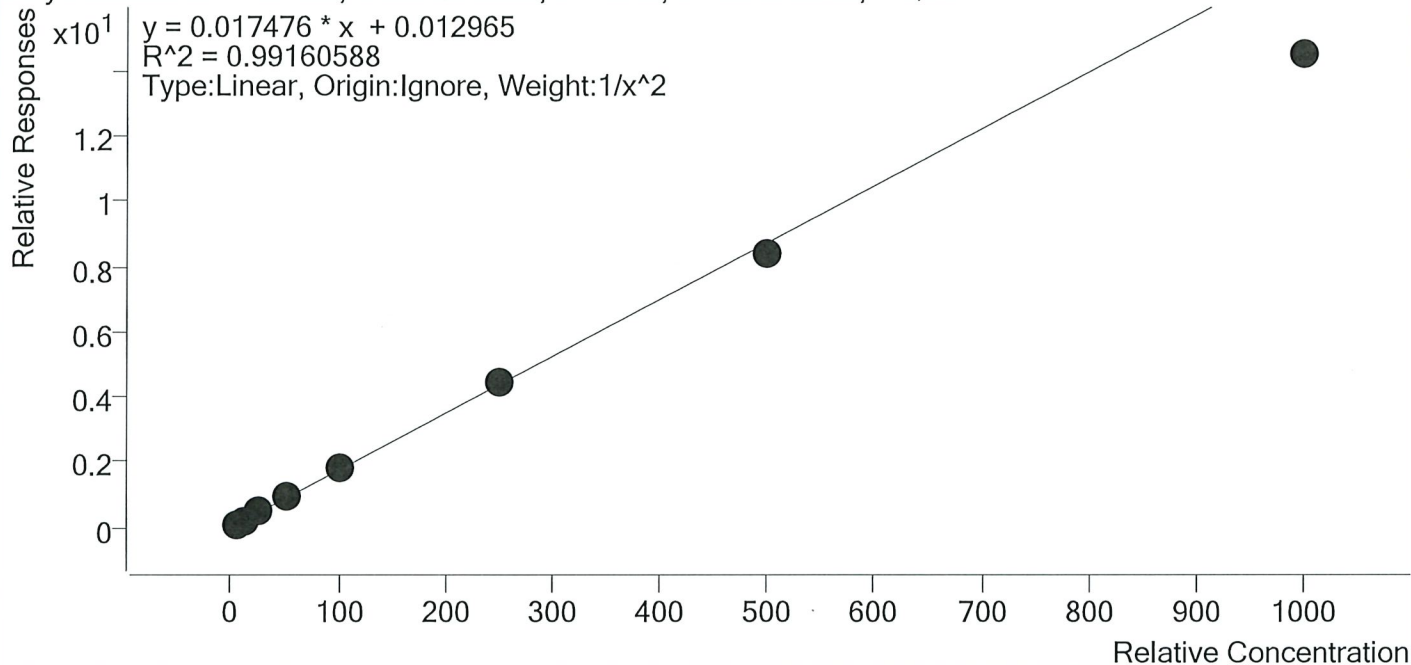
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	492.8	98.6
p1 Cal 8-1000ng	8	✓	1000.0	1015.1	101.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



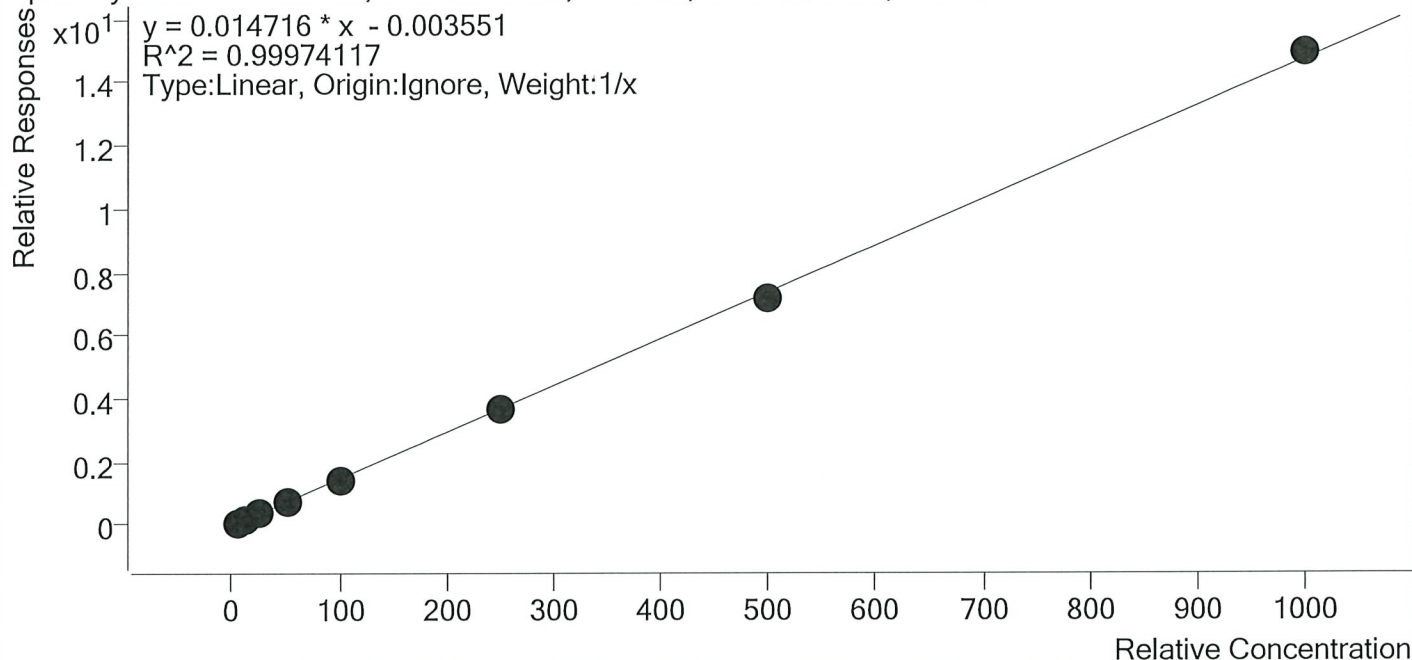
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	481.3	96.3
p1 Cal 8-1000ng	8	✓	1000.0	830.7	83.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.3
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
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	489.6	97.9
p1 Cal 8-1000ng	8	✓	1000.0	1013.7	101.4

SP

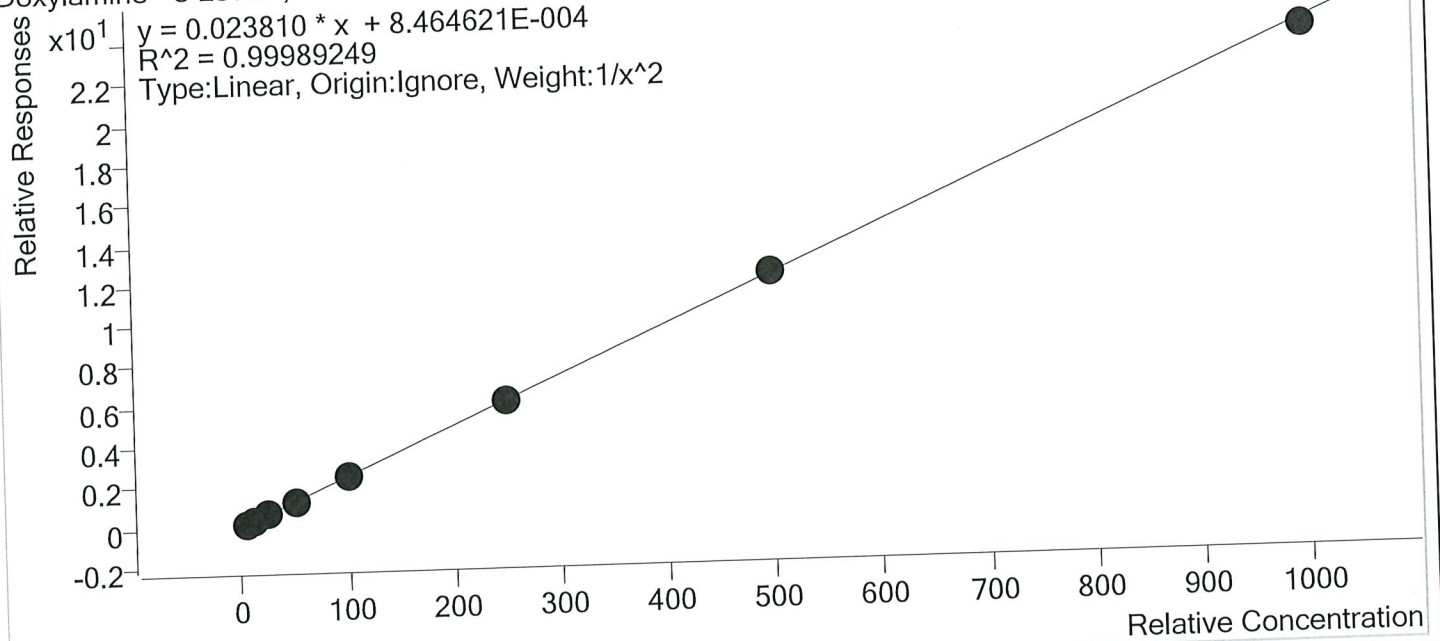


AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results
Last Cal. Update
Analyst Name
Analyte

D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
8/7/2020 12:11 PM
ISP\datastor
Doxylamine
Internal Standard Doxylamine-D5

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



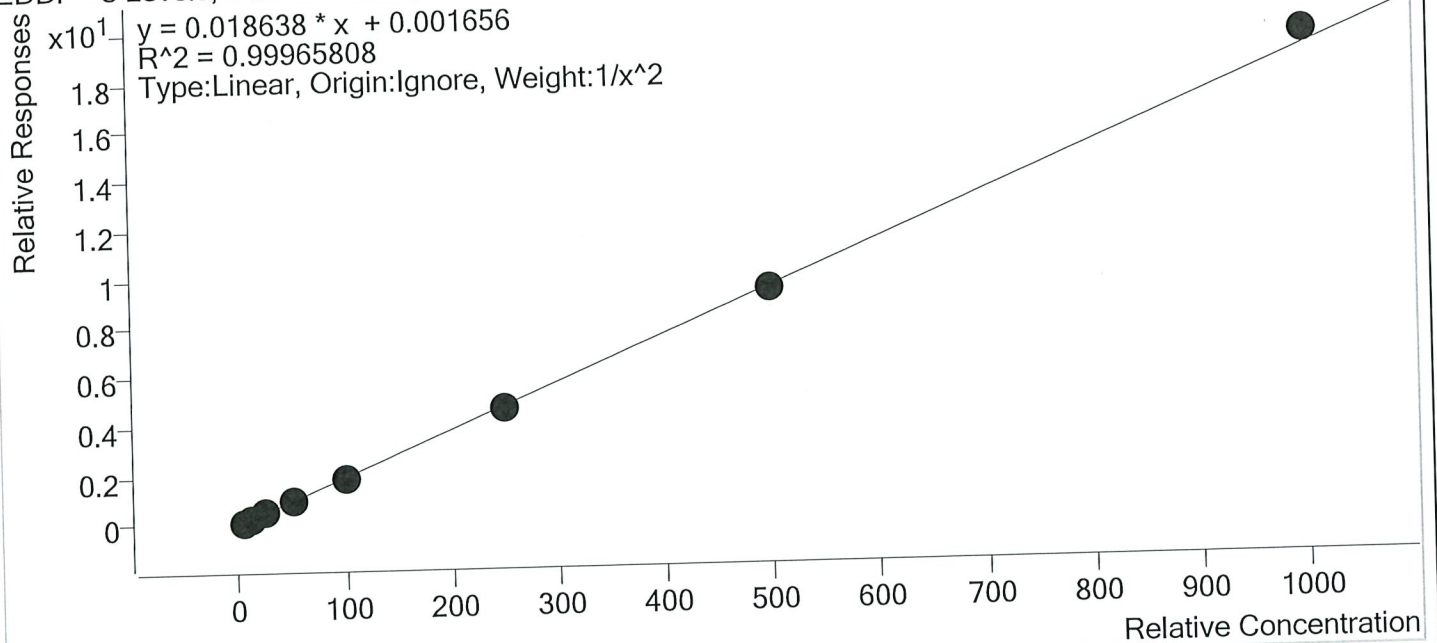
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	505.8	101.2
p1 Cal 8-1000ng	8	✓	1000.0	985.3	98.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte EDDP Internal Standard EDDP-D3

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



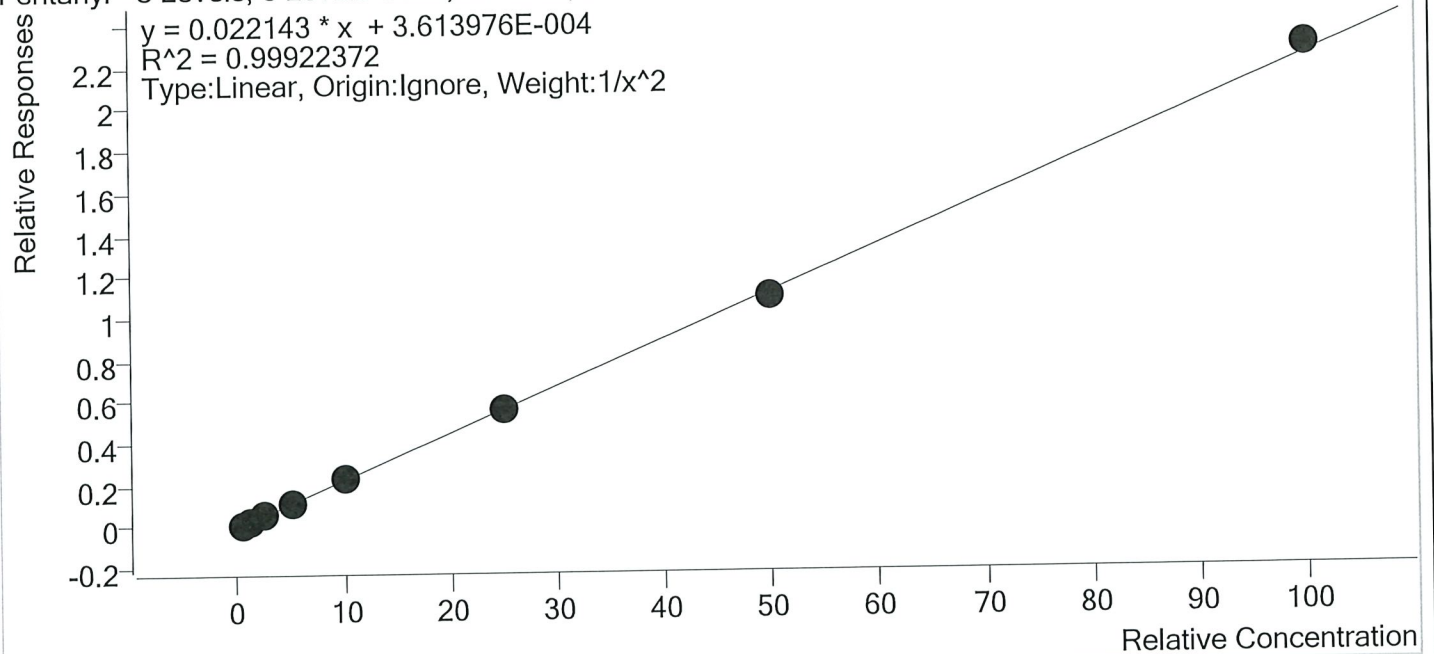
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	245.2	98.1
p1 Cal 7-500ng	7	✓	500.0	495.1	99.0
p1 Cal 8-1000ng	8	✓	1000.0	1031.3	103.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Fentanyl Internal Standard Fentanyl-D5

Fentanyl - 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	99.3
p1 Cal 2- 10ng	2	✓	1.0	1.0	102.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.8
p1 Cal 4-50ng	4	✓	5.0	5.0	100.8
p1 Cal 5-100ng	5	✓	10.0	10.1	100.7
p1 Cal 6-250ng	6	✓	25.0	25.3	101.1
p1 Cal 7-500ng	7	✓	50.0	48.6	97.2
p1 Cal 8-1000ng	8	✓	100.0	102.1	102.1

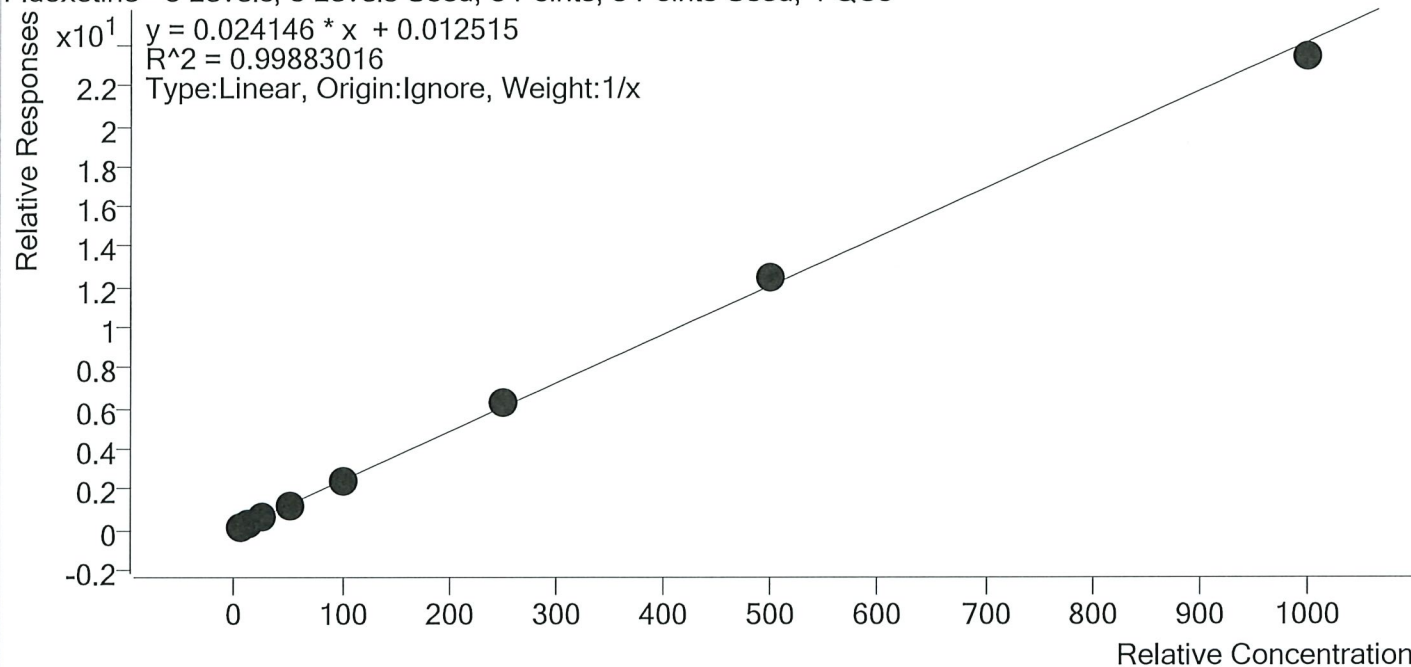
SP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Fluoxetine Internal Standard Fluoxetine-D6

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

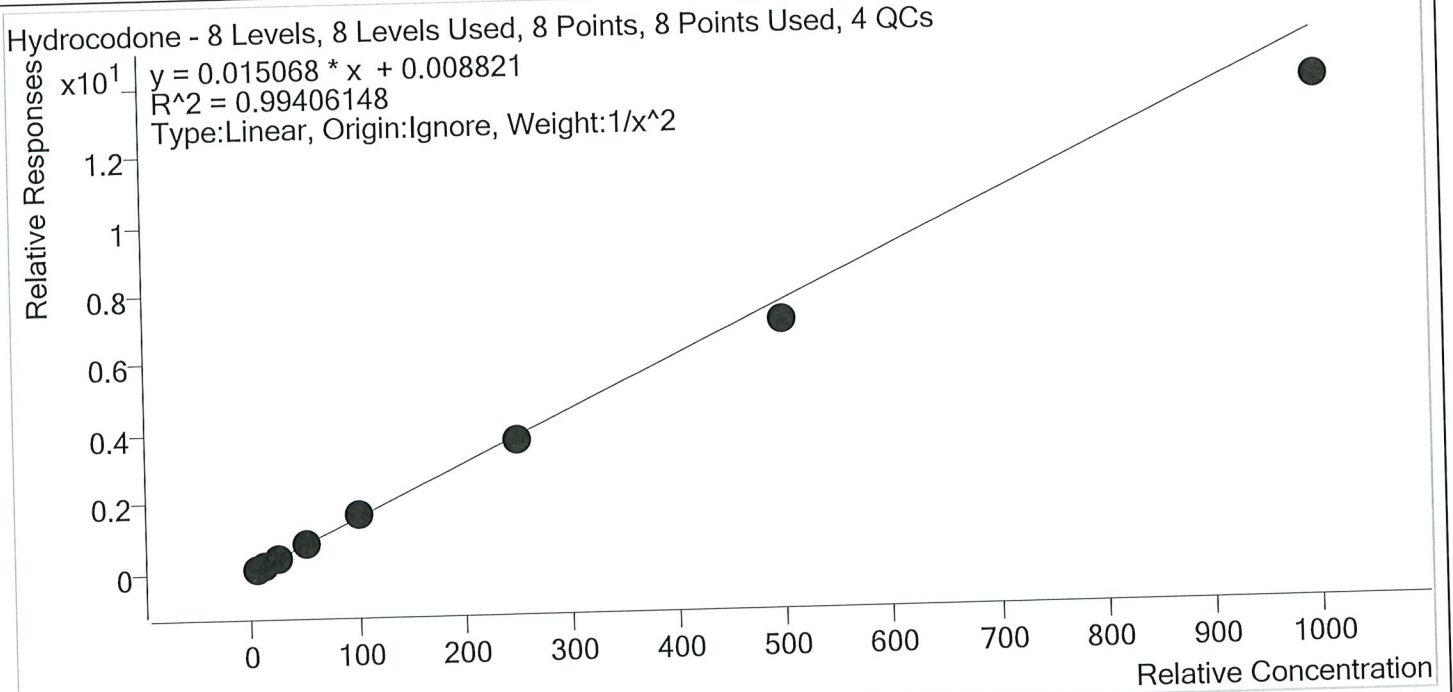


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2- 10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	50.9	101.9
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	260.8	104.3
p1 Cal 7-500ng	7	✓	500.0	518.0	103.6
p1 Cal 8-1000ng	8	✓	1000.0	969.9	97.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 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	4.8	96.6
p1 Cal 2- 10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	242.7	97.1
p1 Cal 7-500ng	7	✓	500.0	463.2	92.6
p1 Cal 8-1000ng	8	✓	1000.0	906.3	90.6

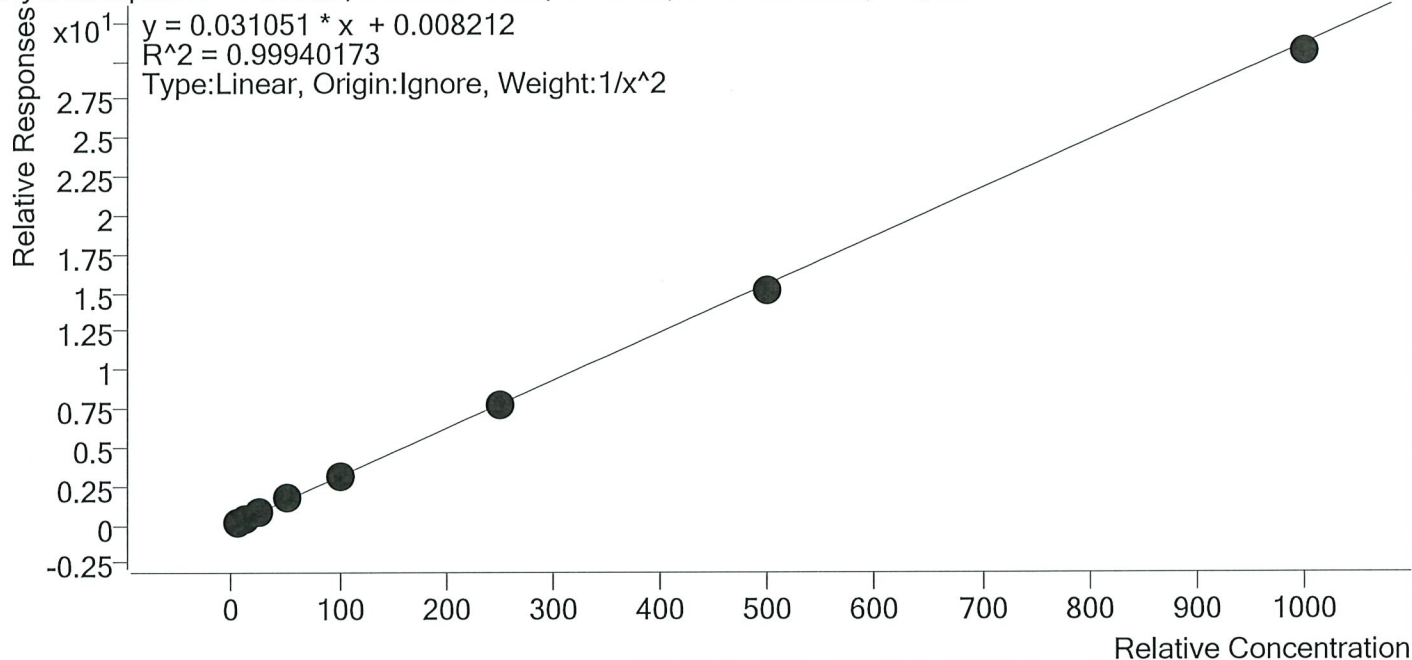
SP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Hydromorphone Internal Standard Hydromorphone-D6

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



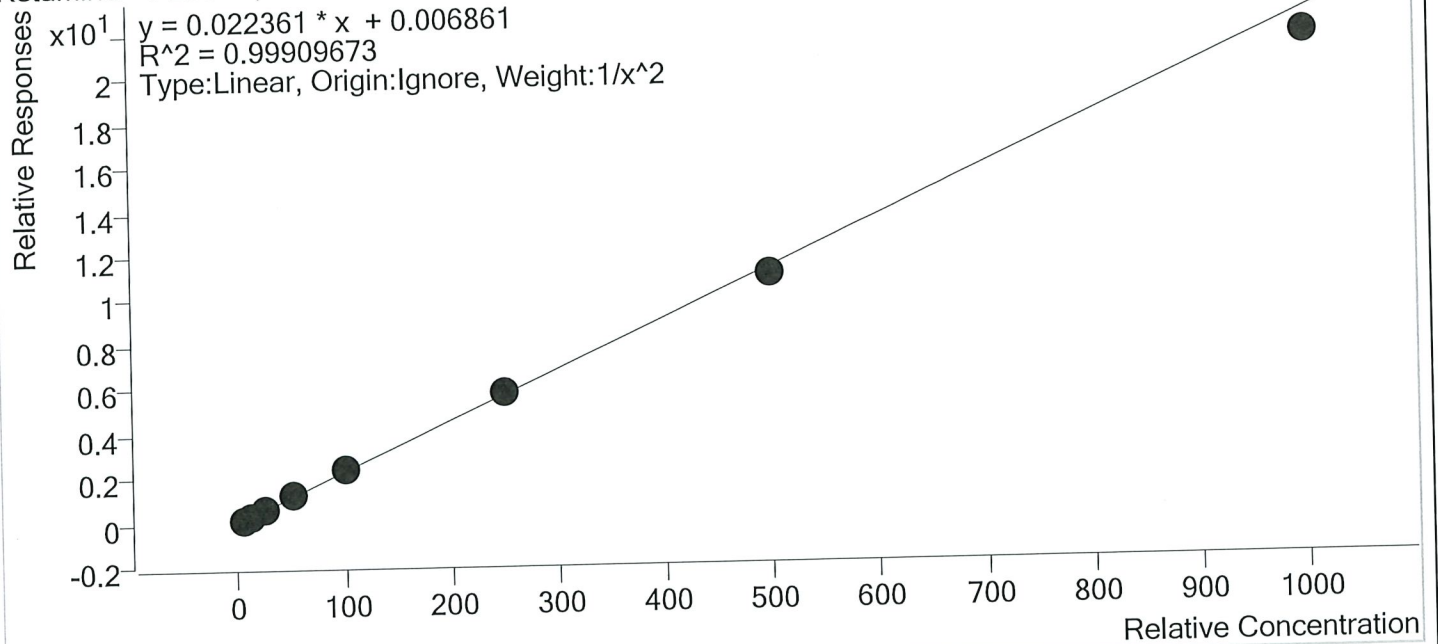
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	52.1	104.3
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	250.4	100.1
p1 Cal 7-500ng	7	✓	500.0	484.5	96.9
p1 Cal 8-1000ng	8	✓	1000.0	983.3	98.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Ketamine Internal Standard Ketamine-D4

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



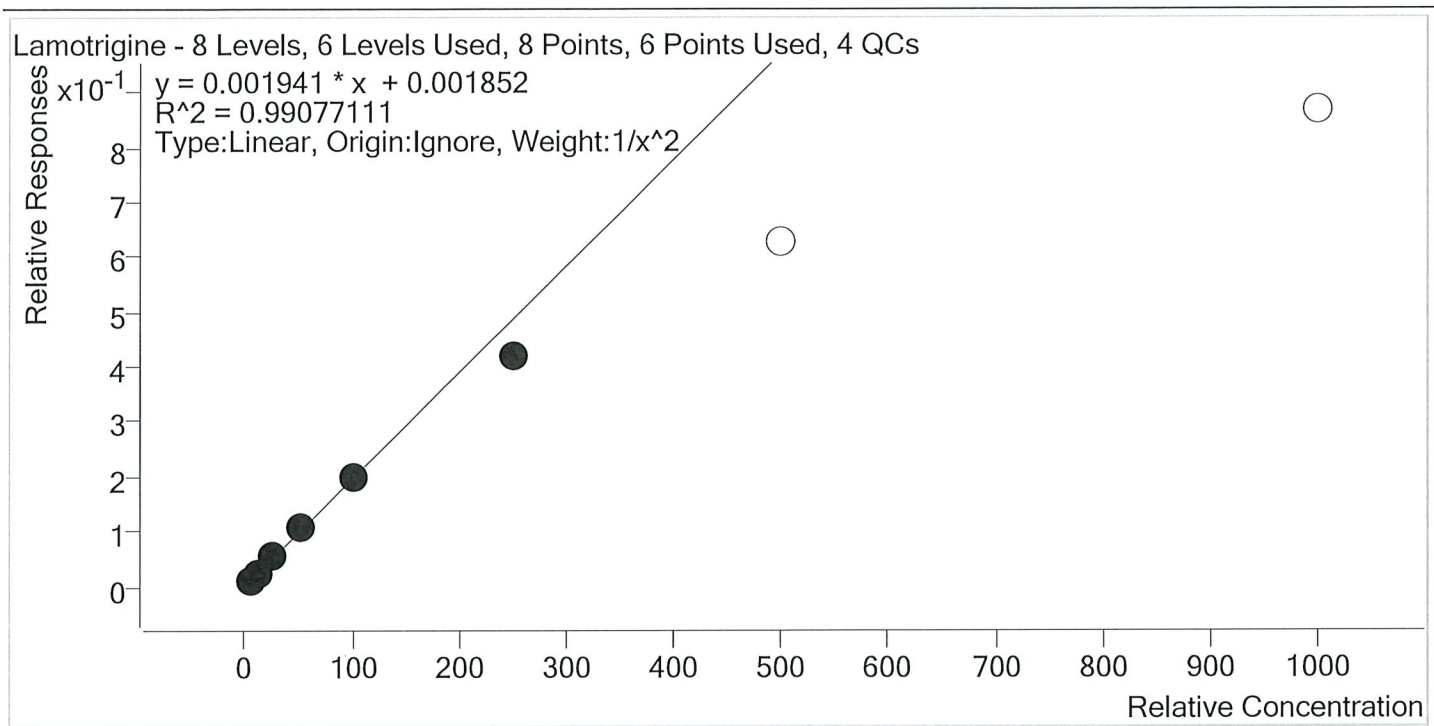
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	489.1	97.8
p1 Cal 8-1000ng	8	✓	1000.0	952.5	95.2

SP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Lamotrigine Internal Standard Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	53.7	107.3
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	214.2	85.7
p1 Cal 7-500ng	7	×	500.0	323.9	64.8
p1 Cal 8-1000ng	8	×	1000.0	446.4	44.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results
Last Cal. Update

D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
8/7/2020 12:11 PM

Analyst Name

ISP\datastor

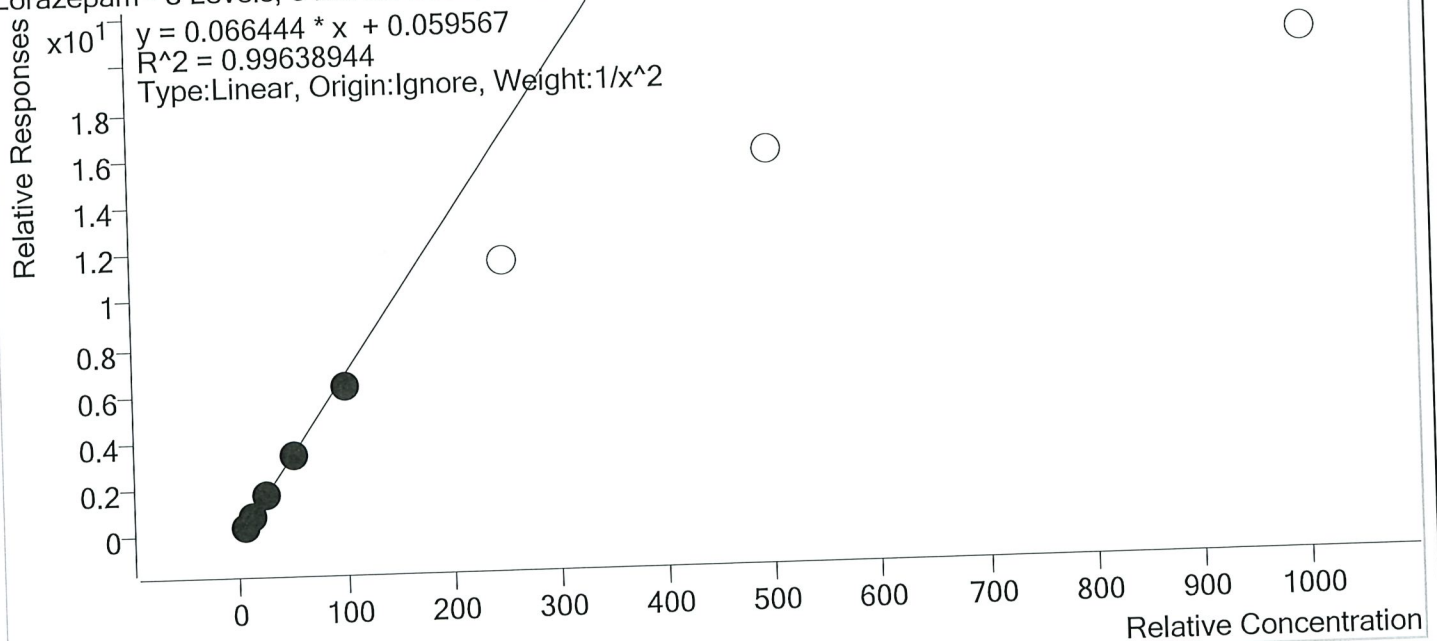
Internal Standard

Clonazepam-D4

Analyte

Lorazepam

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



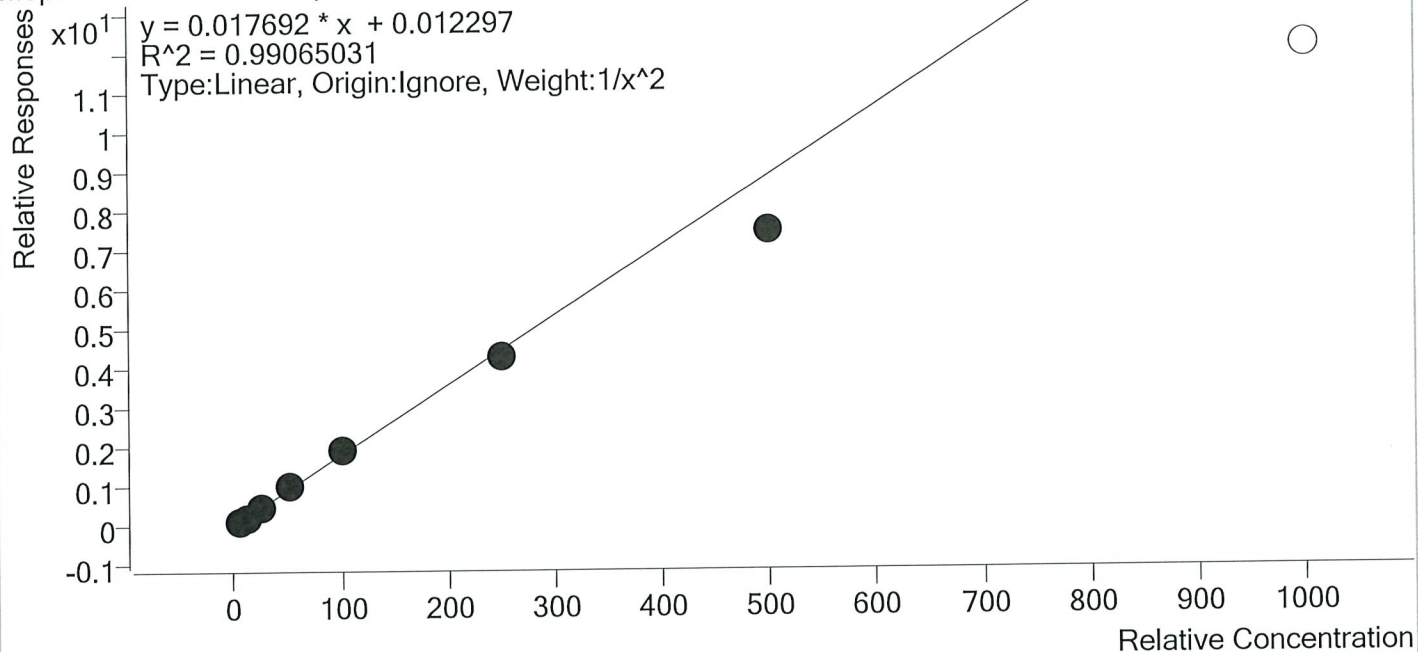
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2- 10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	92.8	92.8
p1 Cal 6-250ng	6	×	250.0	171.5	68.6
p1 Cal 7-500ng	7	×	500.0	237.4	47.5
p1 Cal 8-1000ng	8	×	1000.0	305.3	30.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
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	96.8
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	241.5	96.6
p1 Cal 7-500ng	7	✓	500.0	422.7	84.5
p1 Cal 8-1000ng	8	×	1000.0	682.2	68.2

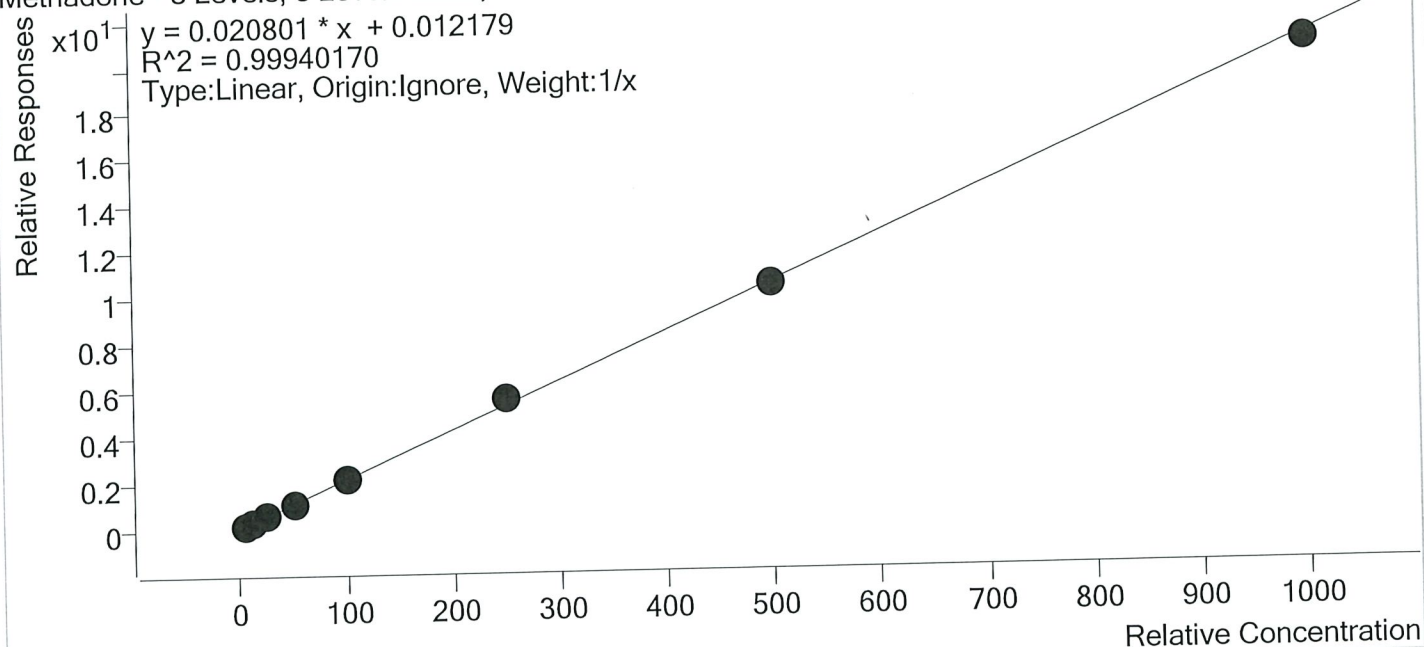
SP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Methadone Internal Standard Methadone-D9

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



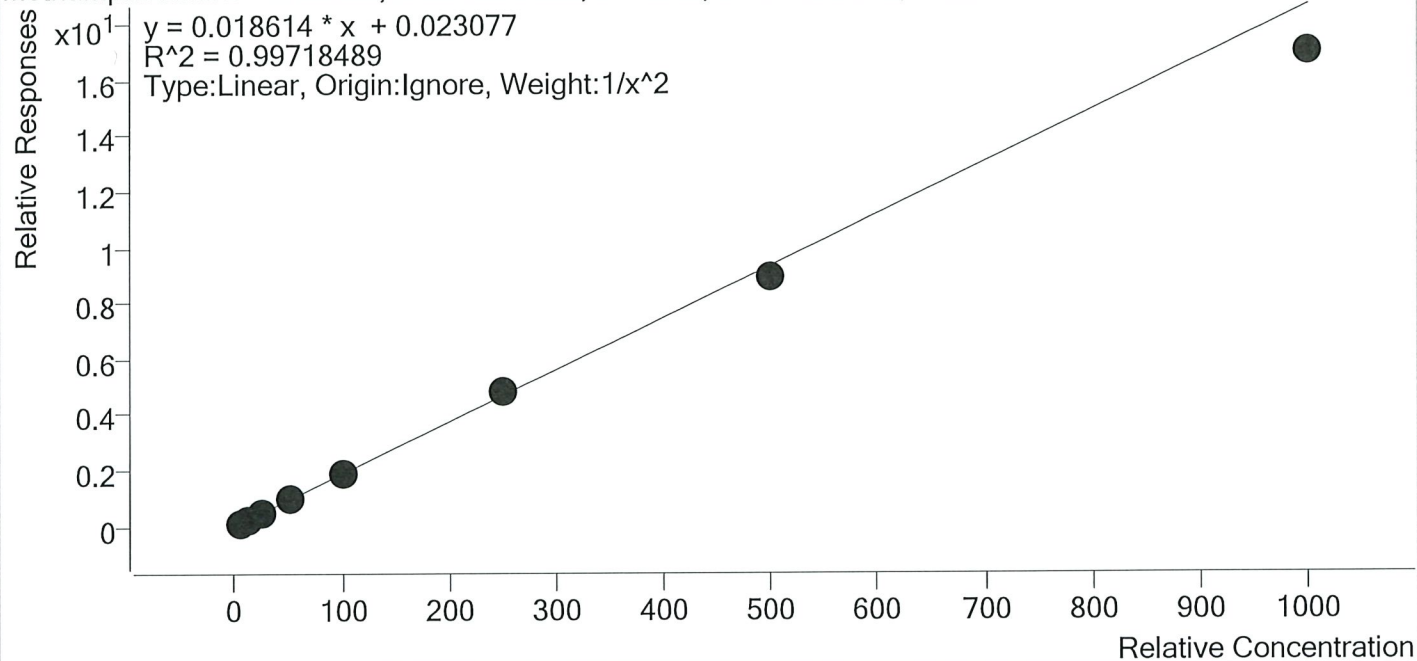
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.1
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	51.9	103.7
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	263.9	105.6
p1 Cal 7-500ng	7	✓	500.0	498.9	99.8
p1 Cal 8-1000ng	8	✓	1000.0	986.5	98.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Methamphetamine Internal Standard Methamphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	255.9	102.4
p1 Cal 7-500ng	7	✓	500.0	481.5	96.3
p1 Cal 8-1000ng	8	✓	1000.0	910.1	91.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results

D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin

Last Cal. Update

8/7/2020 12:11 PM

Analyst Name

ISP\datastor

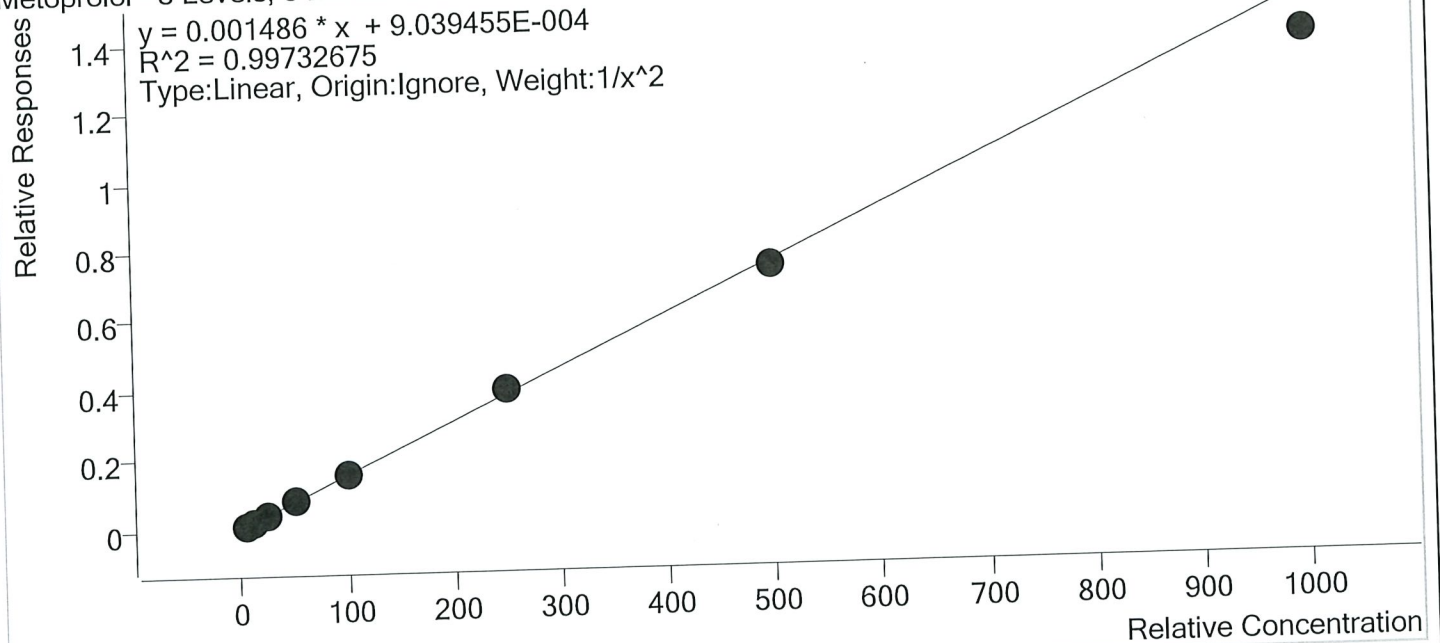
Analyte

Metoprolol

Internal Standard

Tramadol-13C-D3

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

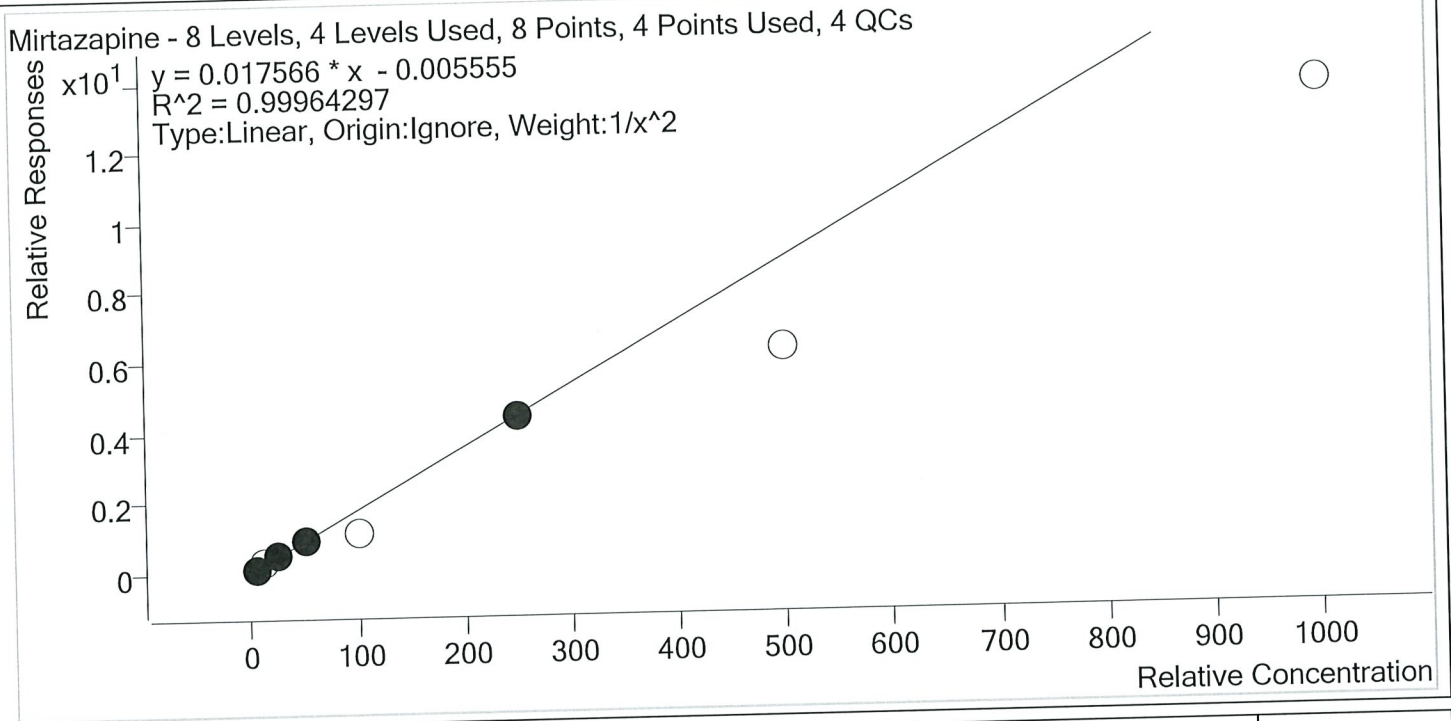


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2- 10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.6
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	261.2	104.5
p1 Cal 7-500ng	7	✓	500.0	487.6	97.5
p1 Cal 8-1000ng	8	✓	1000.0	917.6	91.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Mirtazapine Internal Standard alpha-PVP-d8

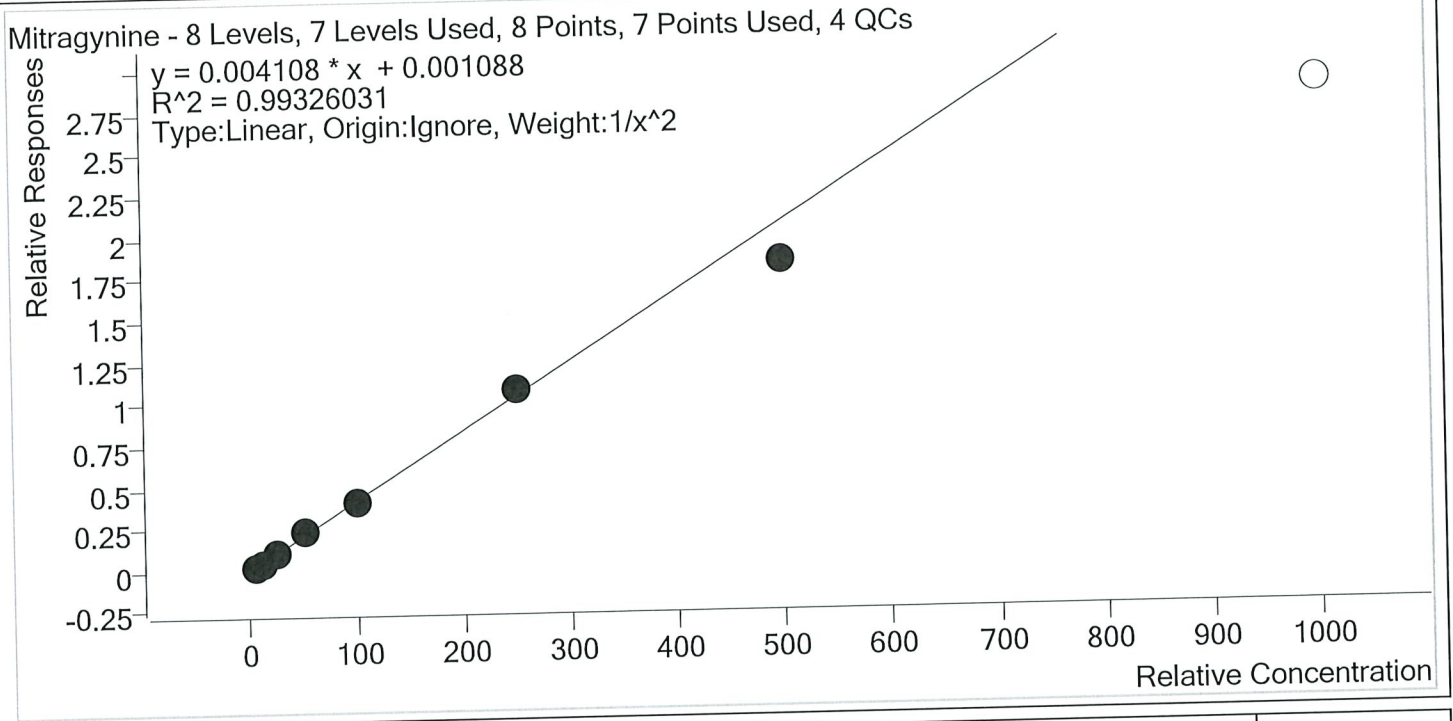


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2- 10ng	2	×	10.0	12.8	127.7
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	×	100.0	59.6	59.6
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	×	500.0	355.3	71.1
p1 Cal 8-1000ng	8	×	1000.0	772.0	77.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Mitragynine Internal Standard Methadone-D9



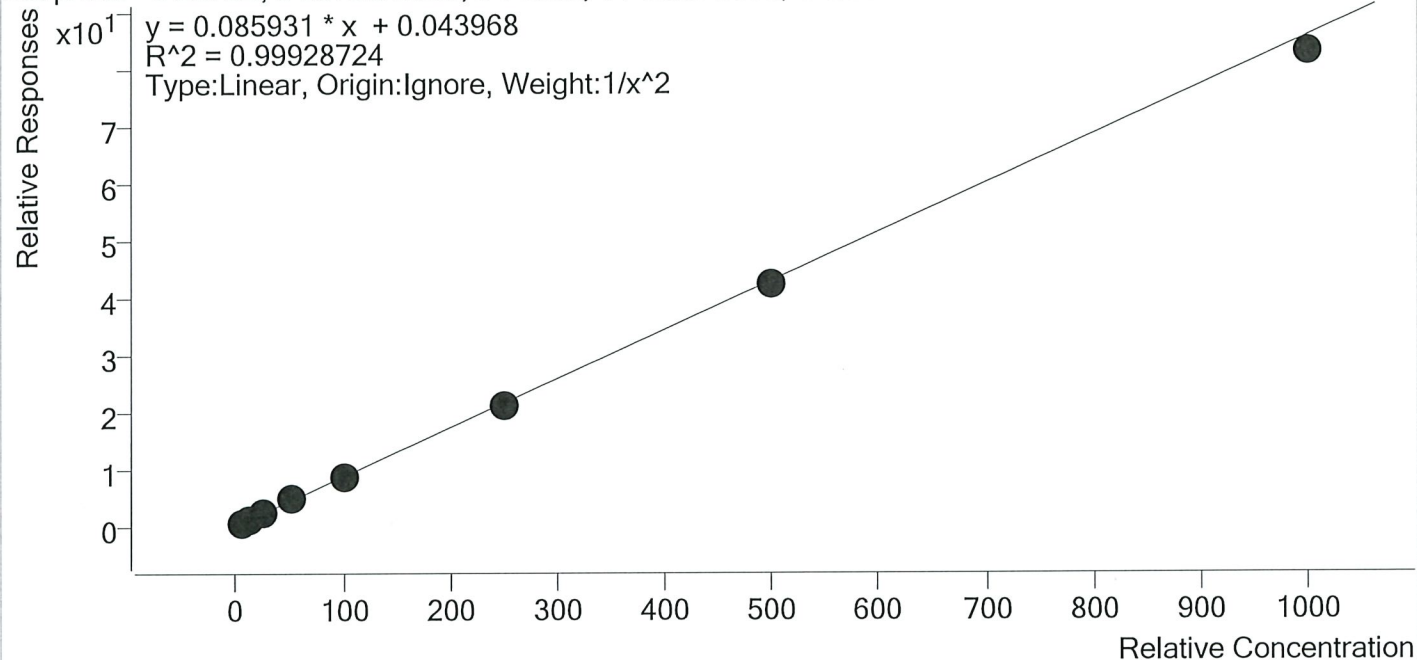
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	53.9	107.7
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	257.7	103.1
p1 Cal 7-500ng	7	✓	500.0	440.9	88.2
p1 Cal 8-1000ng	8	×	1000.0	692.3	69.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Morphine Internal Standard Morphine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2- 10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng	7	✓	500.0	491.0	98.2
p1 Cal 8-1000ng	8	✓	1000.0	966.6	96.7

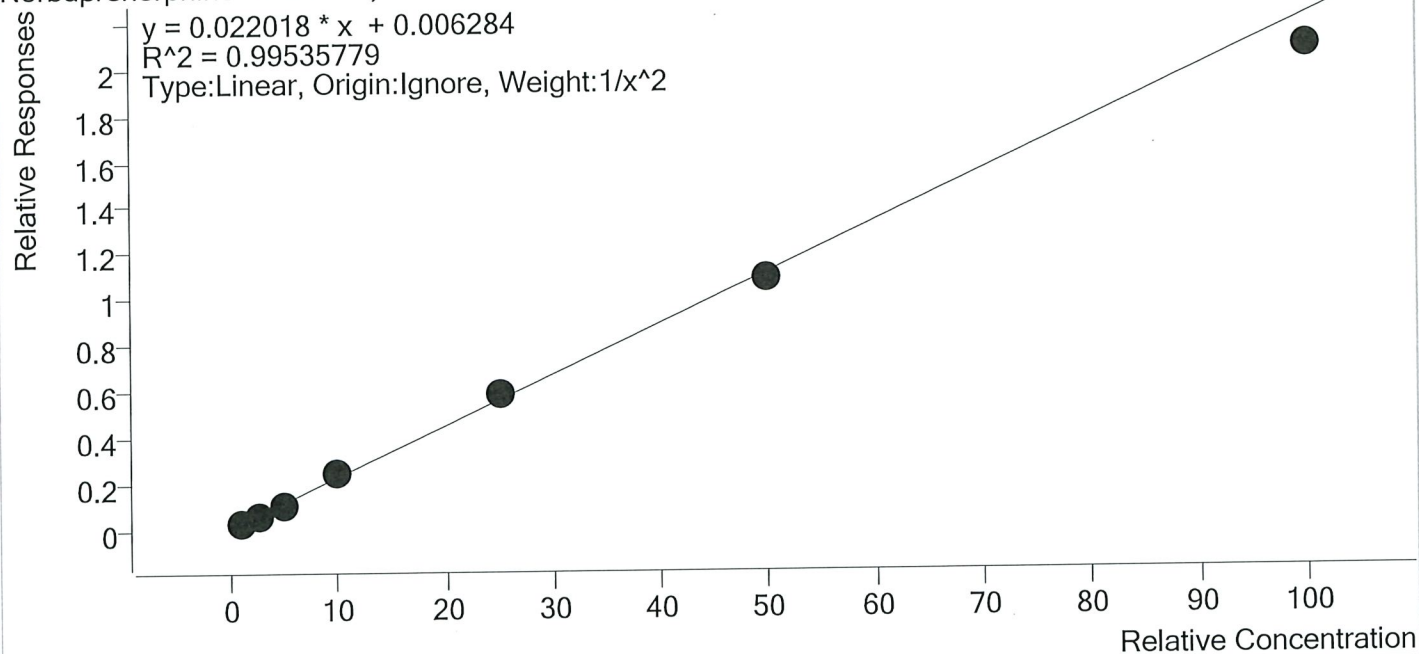
ST
P



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



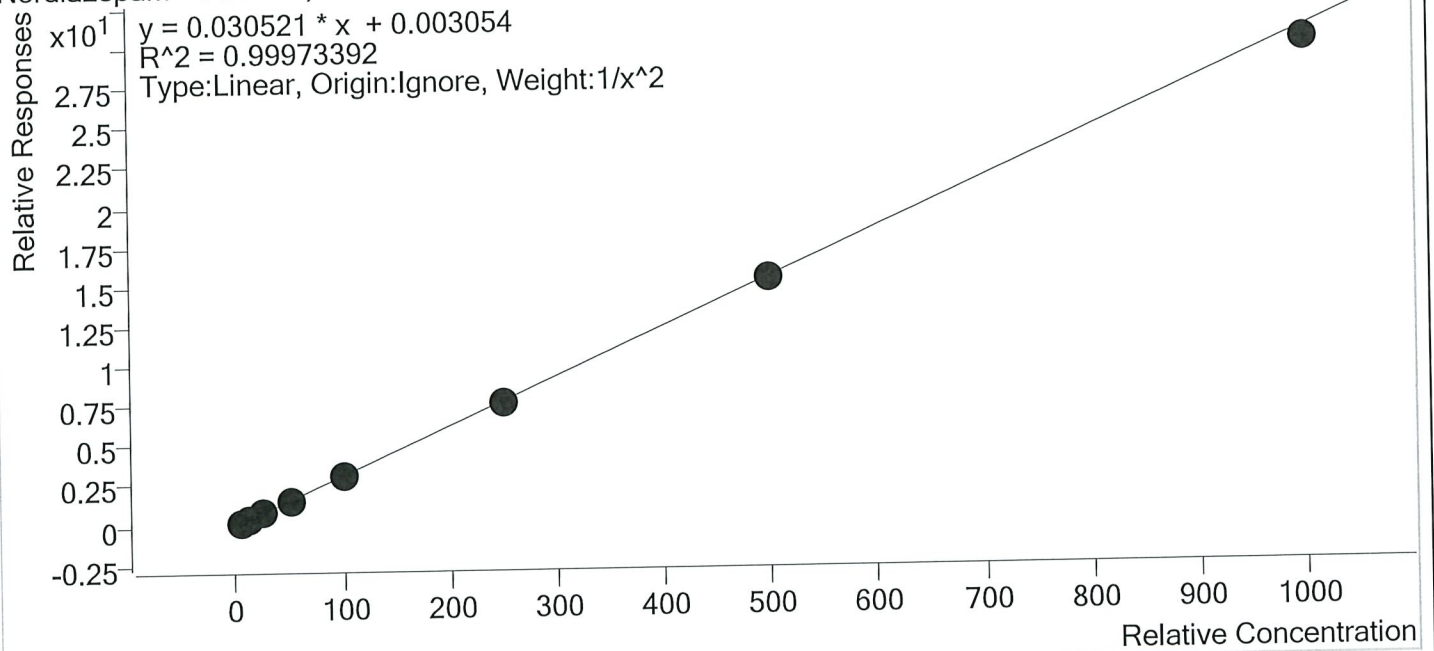
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2- 10ng	2	✓	1.0	1.0	98.9
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.3
p1 Cal 4-50ng	4	✓	5.0	4.6	92.8
p1 Cal 5-100ng	5	✓	10.0	10.7	106.8
p1 Cal 6-250ng	6	✓	25.0	26.6	106.3
p1 Cal 7-500ng	7	✓	50.0	48.5	97.0
p1 Cal 8-1000ng	8	✓	100.0	93.8	93.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Nordiazepam Internal Standard Nordiazepam-D5

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

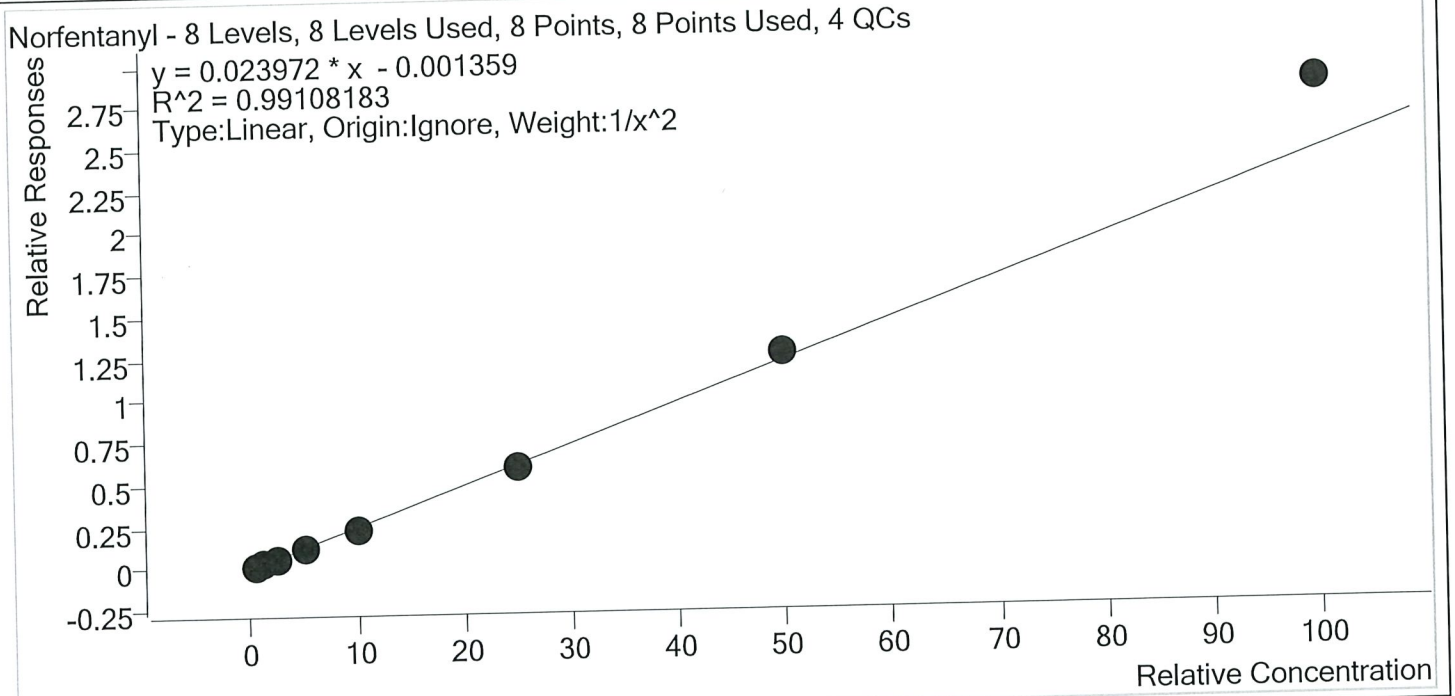


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	494.9	99.0
p1 Cal 8-1000ng	8	✓	1000.0	974.5	97.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.2
p1 Cal 2- 10ng	2	✓	1.0	1.0	95.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.0
p1 Cal 4-50ng	4	✓	5.0	4.7	93.7
p1 Cal 5-100ng	5	✓	10.0	9.4	93.9
p1 Cal 6-250ng	6	✓	25.0	24.3	97.4
p1 Cal 7-500ng	7	✓	50.0	51.8	103.5
p1 Cal 8-1000ng	8	✓	100.0	117.5	117.5

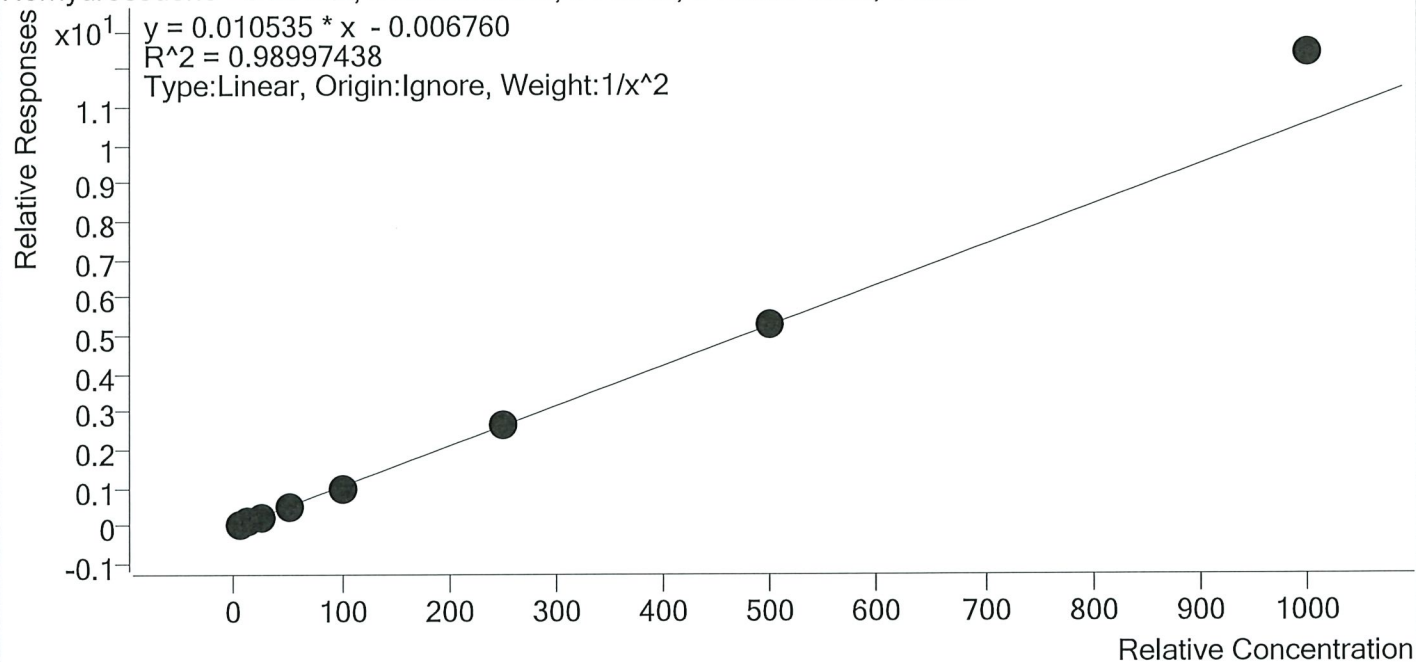
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Norhydrocodone Internal Standard Norhydrocodone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.9
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	22.4	89.6
p1 Cal 4-50ng	4	✓	50.0	46.5	93.1
p1 Cal 5-100ng	5	✓	100.0	93.8	93.8
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	506.0	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1176.4	117.6

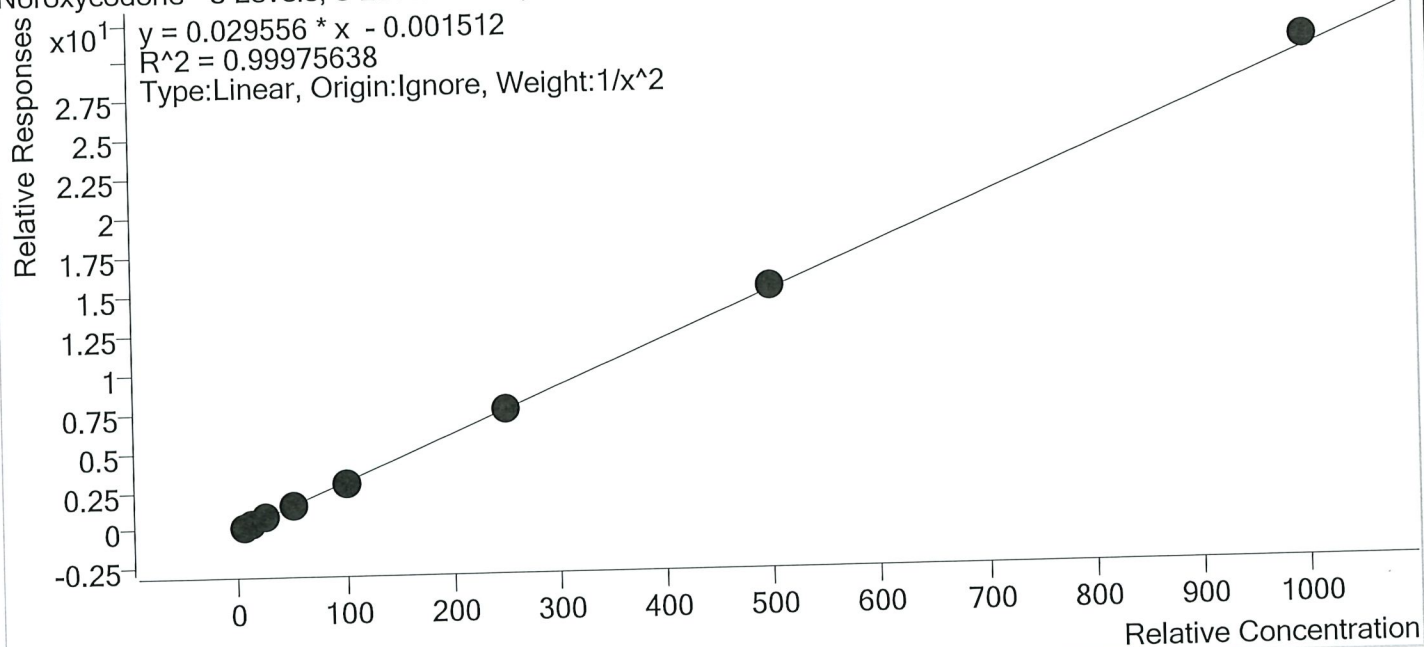
SJ SP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Noroxycodone Internal Standard Noroxycodone-D3

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



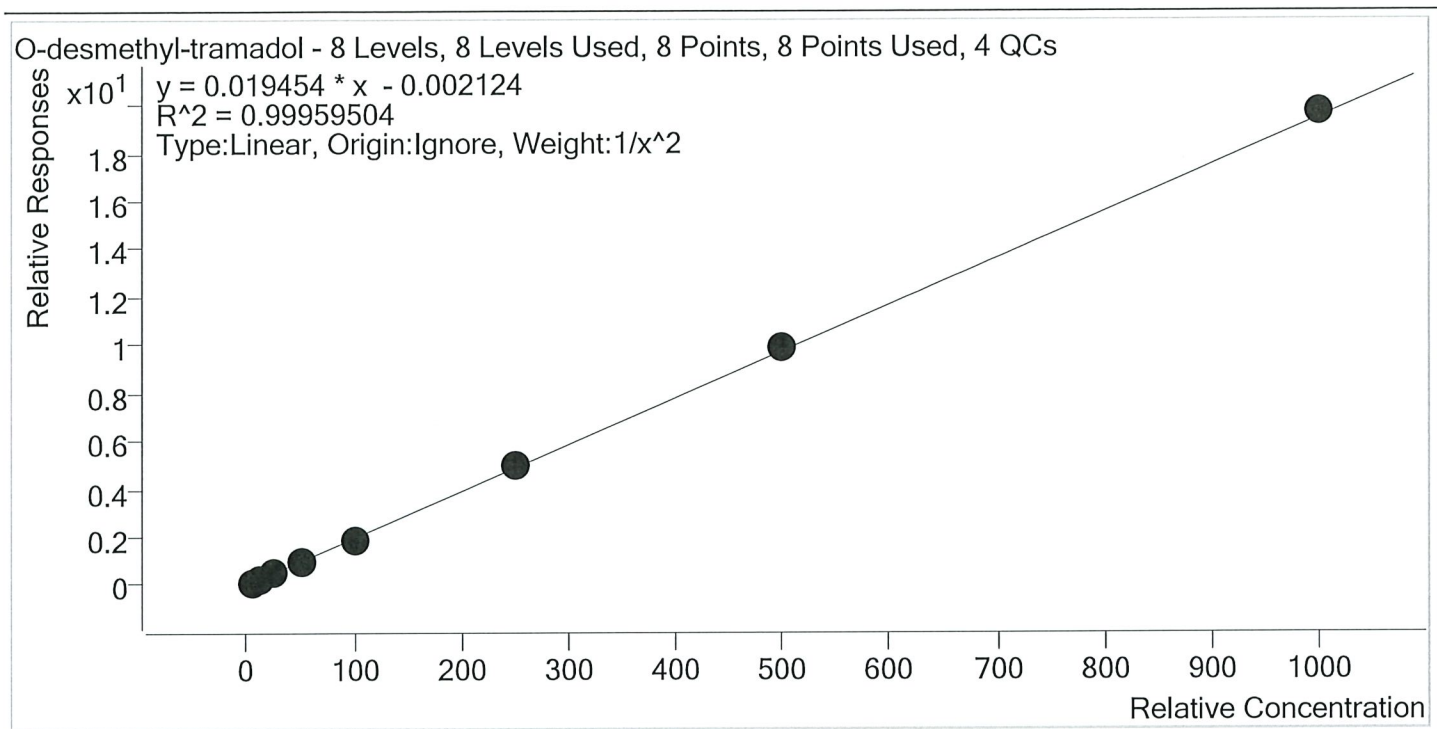
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	504.9	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1025.0	102.5

SJ P



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2- 10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	49.6	99.1
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	510.3	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1012.3	101.2

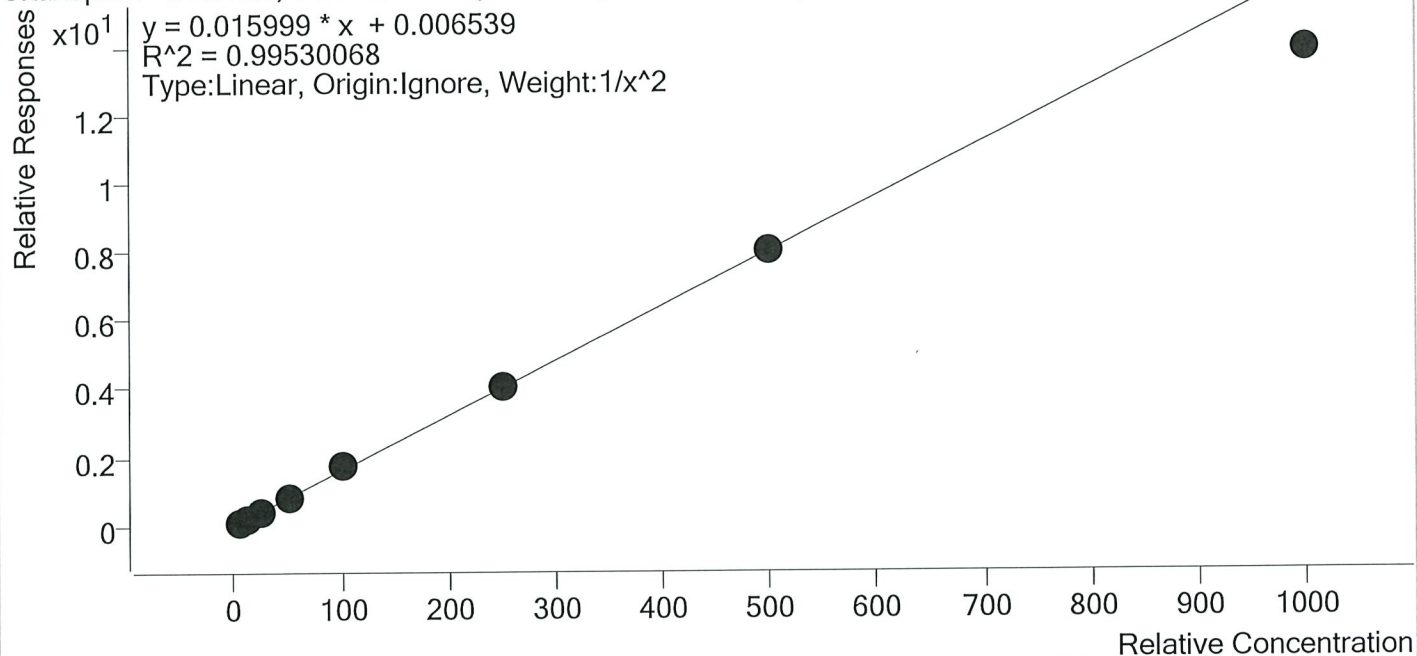
SP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Oxazepam Internal Standard Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	52.5	105.1
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	502.9	100.6
p1 Cal 8-1000ng	8	✓	1000.0	865.4	86.5

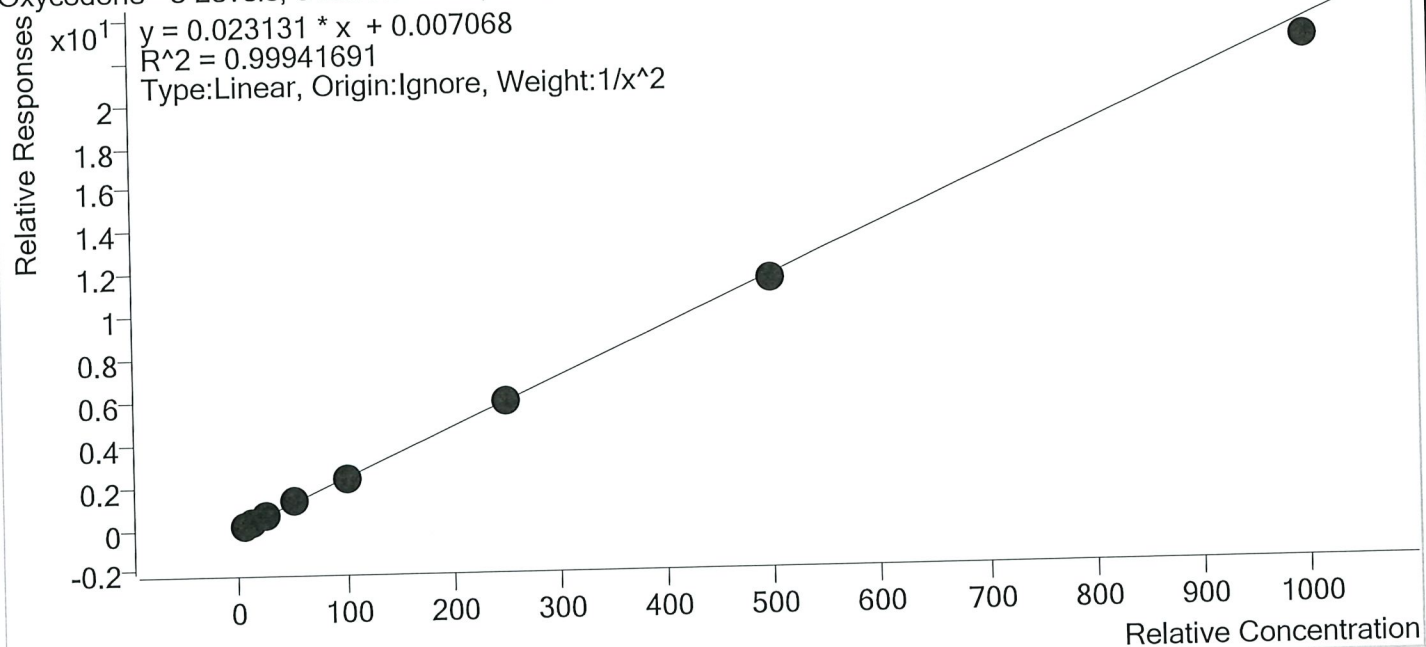
SP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Oxycodone Internal Standard Oxycodone-D6

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

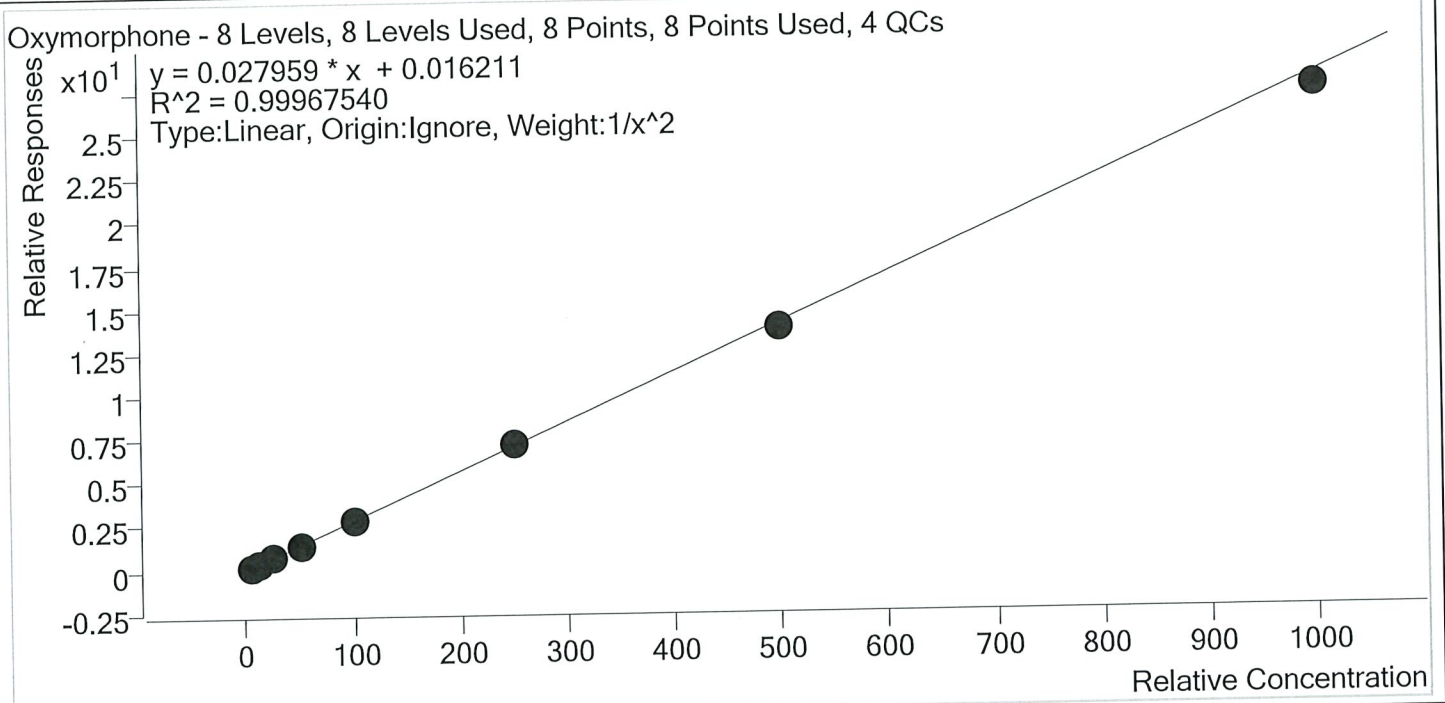


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	252.1	100.9
p1 Cal 7-500ng	7	✓	500.0	490.8	98.2
p1 Cal 8-1000ng	8	✓	1000.0	962.4	96.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Oxymorphone Internal Standard Oxymorphone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	491.5	98.3
p1 Cal 8-1000ng	8	✓	1000.0	973.8	97.4

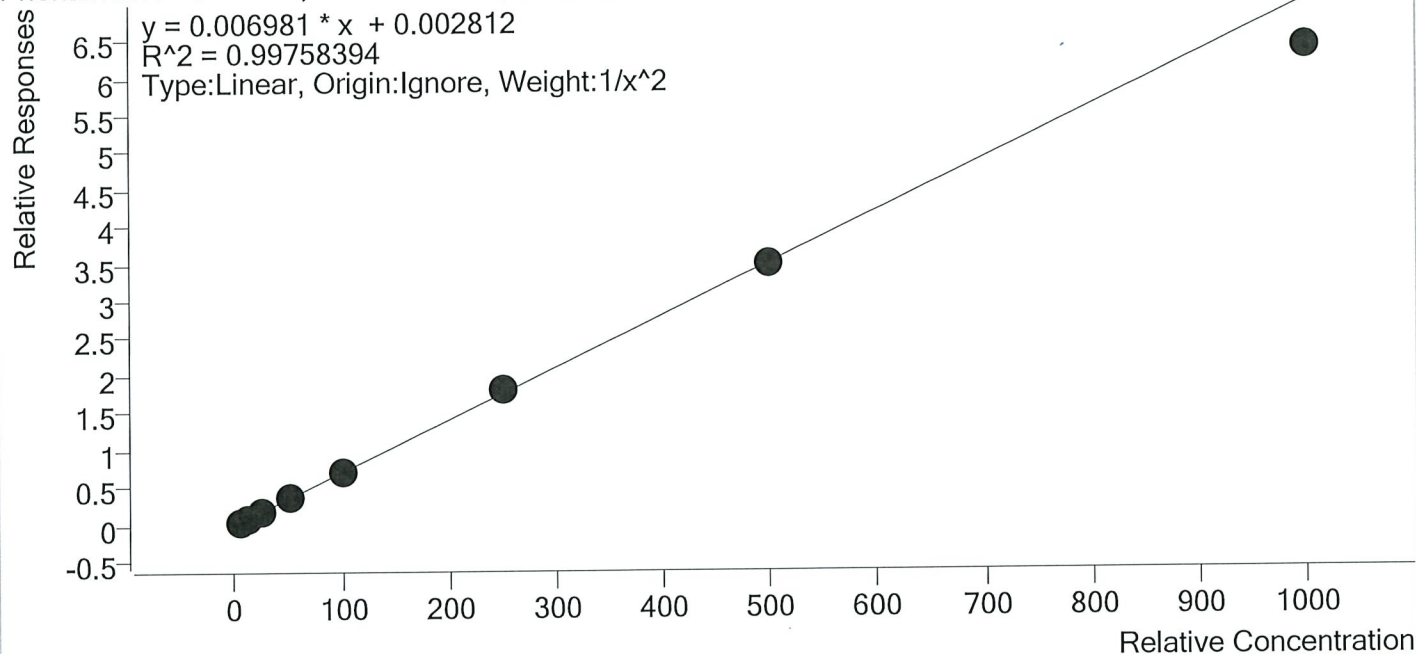
SP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Phentermine Internal Standard Phentermine-D5

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



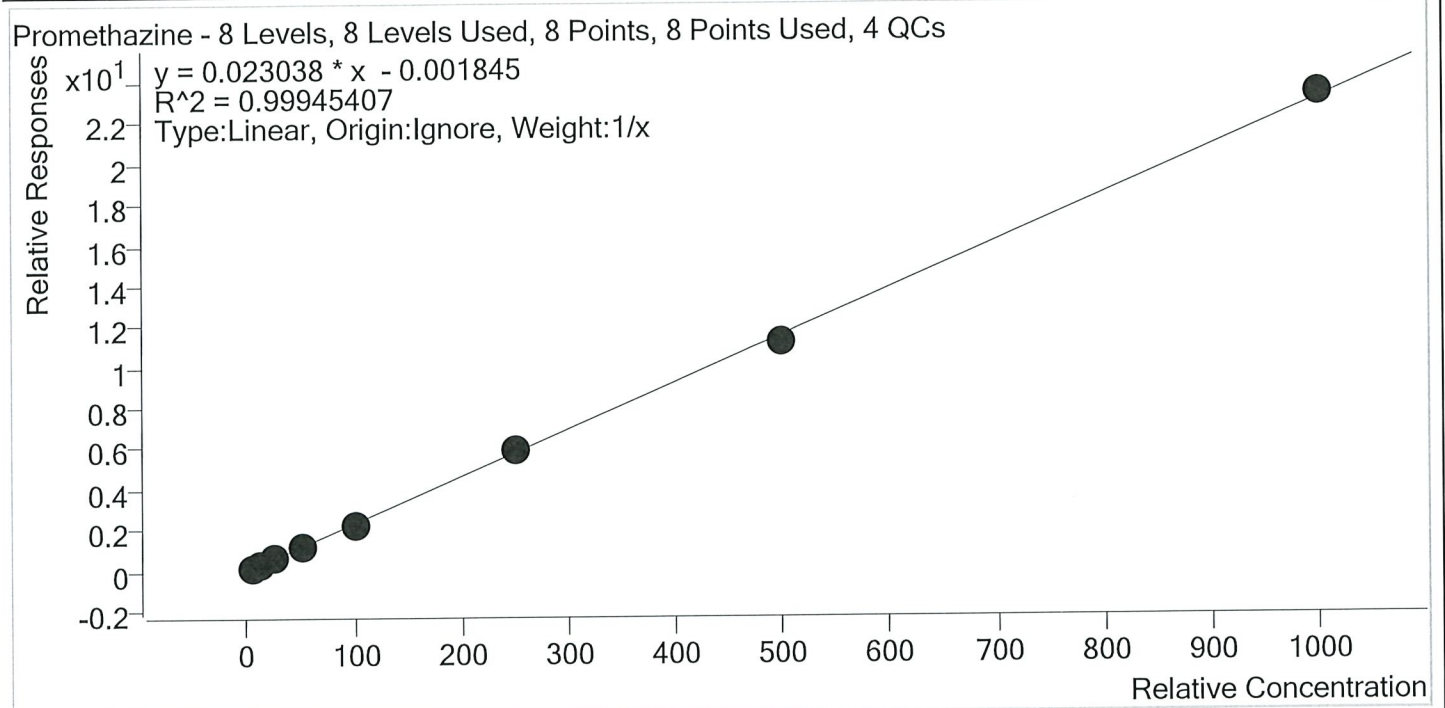
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	255.9	102.4
p1 Cal 7-500ng	7	✓	500.0	496.3	99.3
p1 Cal 8-1000ng	8	✓	1000.0	909.6	91.0

57 JS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Promethazine Internal Standard Promethazine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2- 10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	258.0	103.2
p1 Cal 7-500ng	7	✓	500.0	484.0	96.8
p1 Cal 8-1000ng	8	✓	1000.0	1011.0	101.1

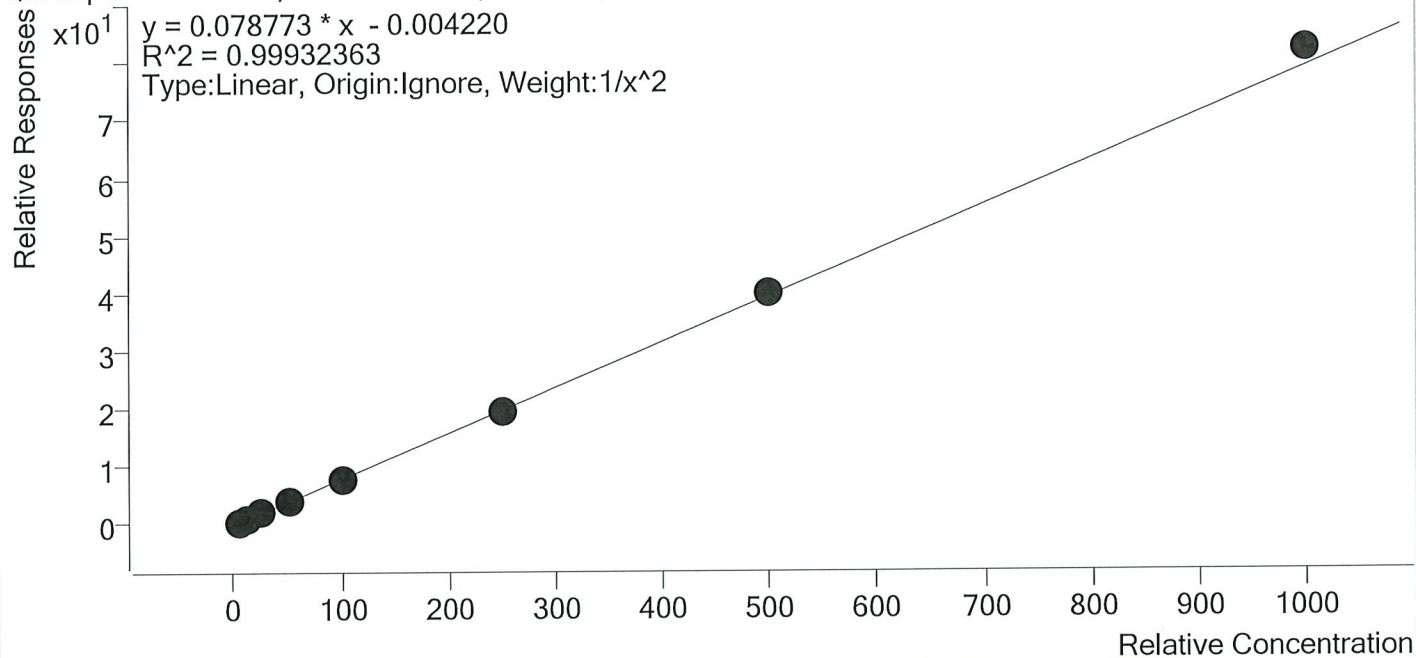
SP
P



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Quetiapine Internal Standard Quetiapine-D8

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

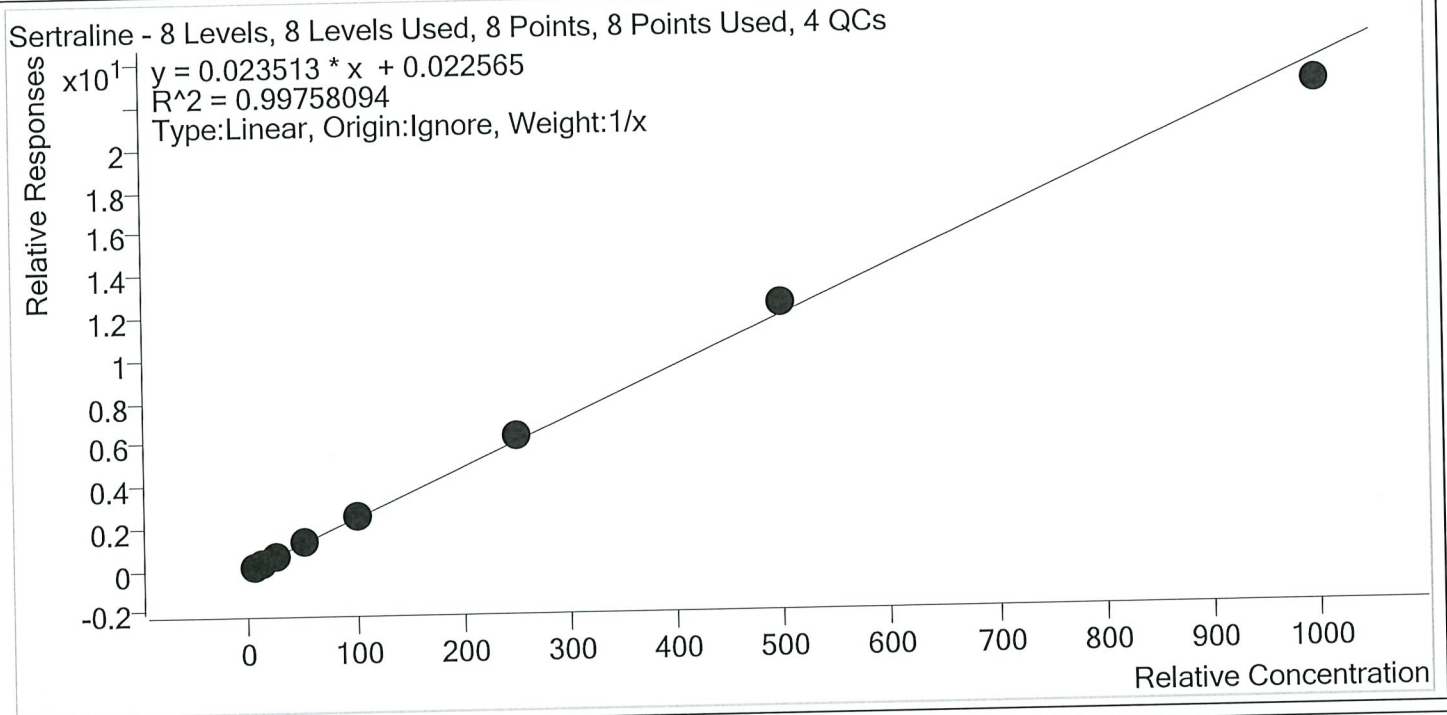


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2- 10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.4
p1 Cal 4-50ng	4	✓	50.0	49.3	98.5
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	243.6	97.4
p1 Cal 7-500ng	7	✓	500.0	510.1	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1039.6	104.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Sertraline Internal Standard Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.3	87.0
p1 Cal 2- 10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	52.0	103.9
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	260.4	104.1
p1 Cal 7-500ng	7	✓	500.0	526.7	105.3
p1 Cal 8-1000ng	8	✓	1000.0	956.2	95.6

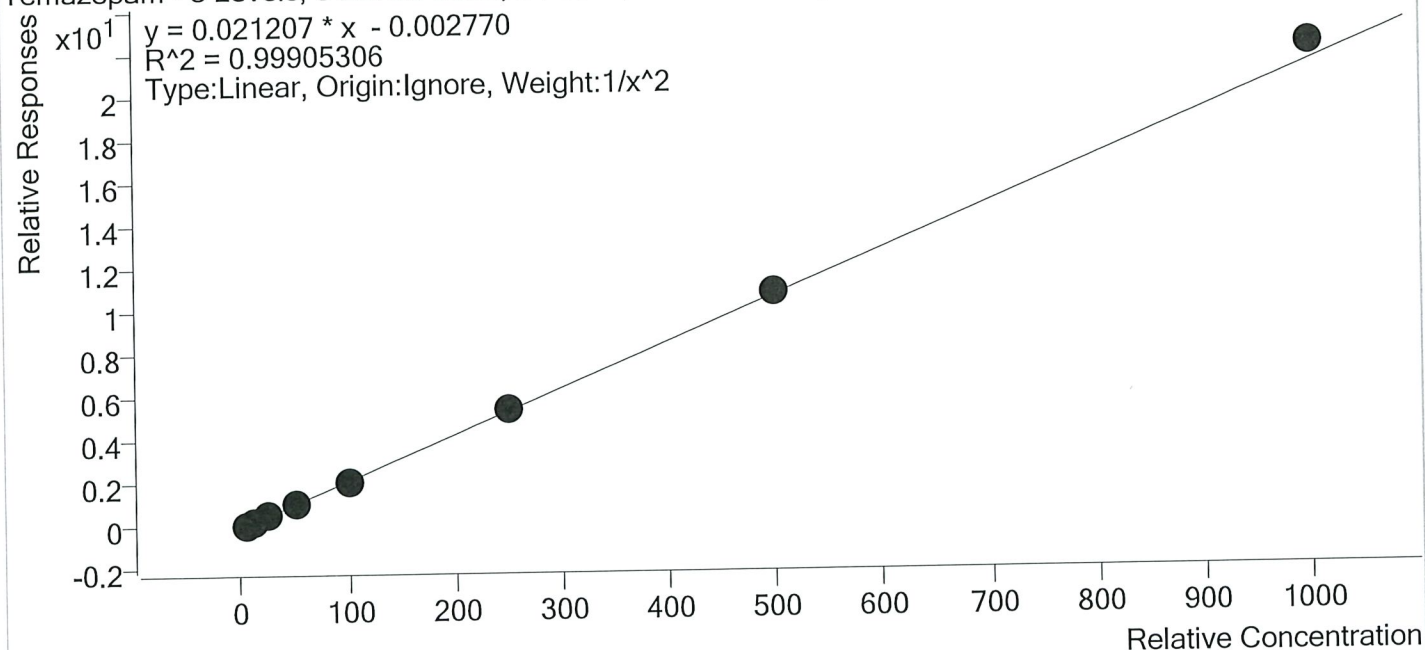
STP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Temazepam Internal Standard Temazepam-D5

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

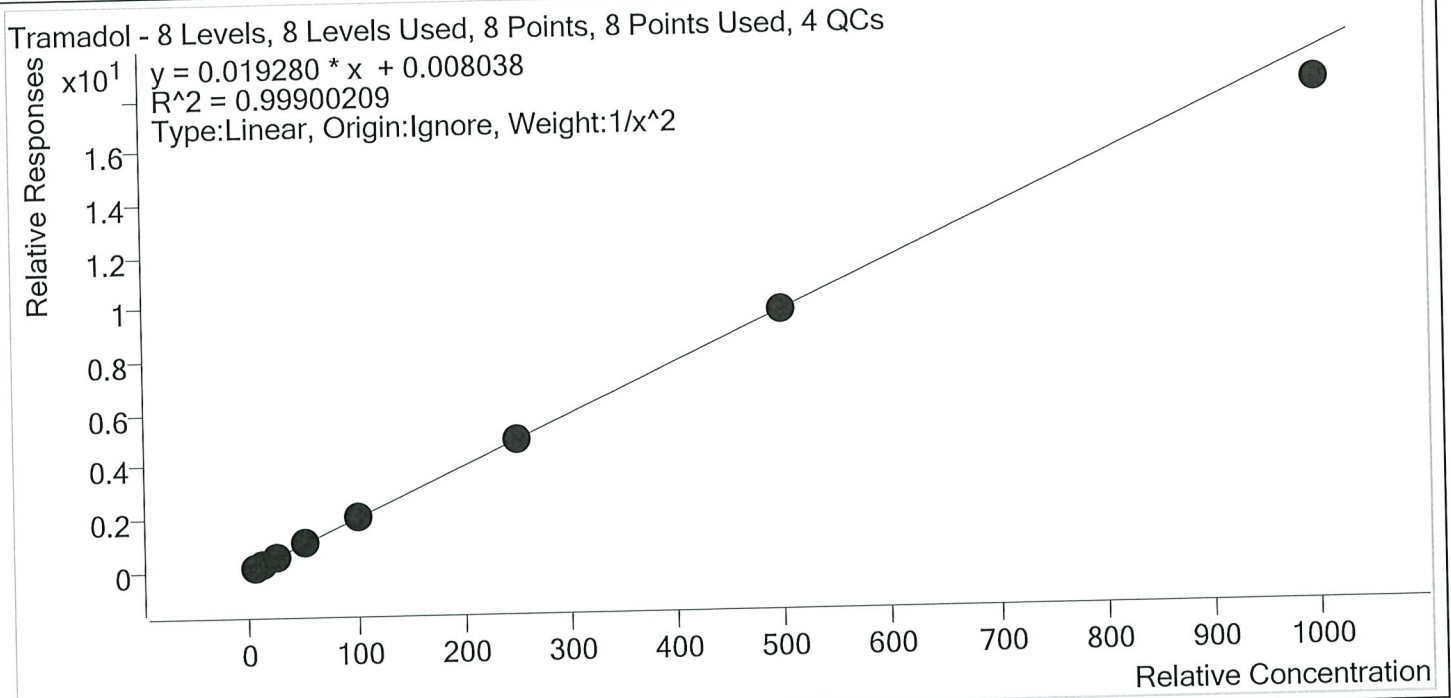


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	510.3	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1039.8	104.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Tramadol Internal Standard Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
p1 Cal 7-500ng	7	✓	500.0	501.6	100.3
p1 Cal 8-1000ng	8	✓	1000.0	937.6	93.8

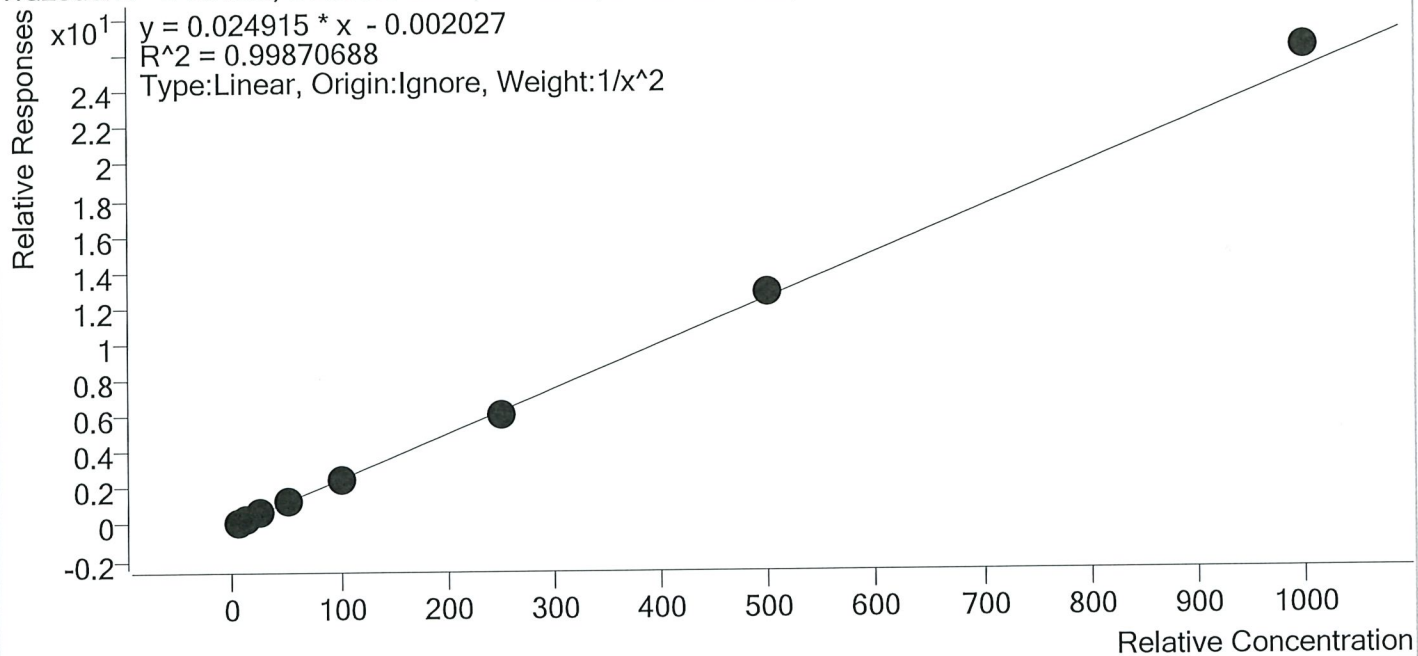
SP



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Trazodone Internal Standard Trazodone-D6

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



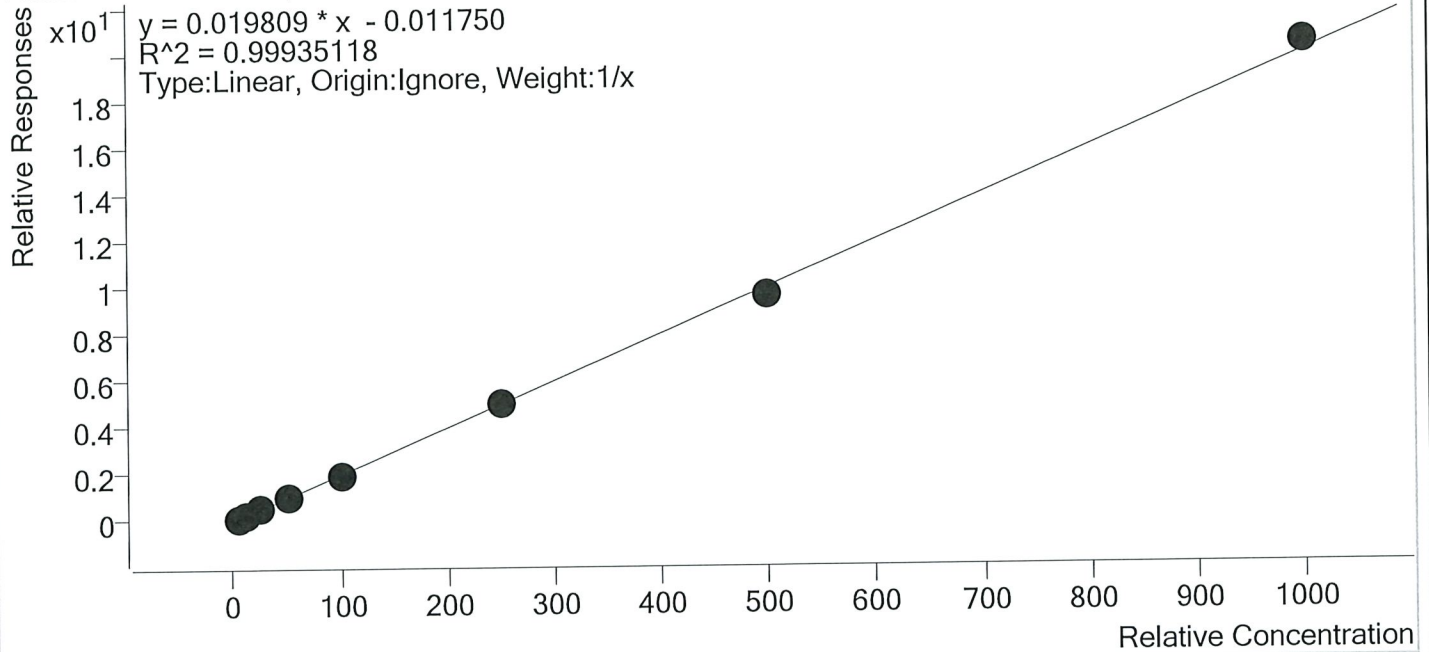
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2- 10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	242.8	97.1
p1 Cal 7-500ng	7	✓	500.0	511.0	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1051.3	105.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Last Cal. Update 8/7/2020 12:11 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	108.2
p1 Cal 2- 10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	48.8	97.7
p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
p1 Cal 6-250ng	6	✓	250.0	247.6	99.1
p1 Cal 7-500ng	7	✓	500.0	486.4	97.3
p1 Cal 8-1000ng	8	✓	1000.0	1021.6	102.2

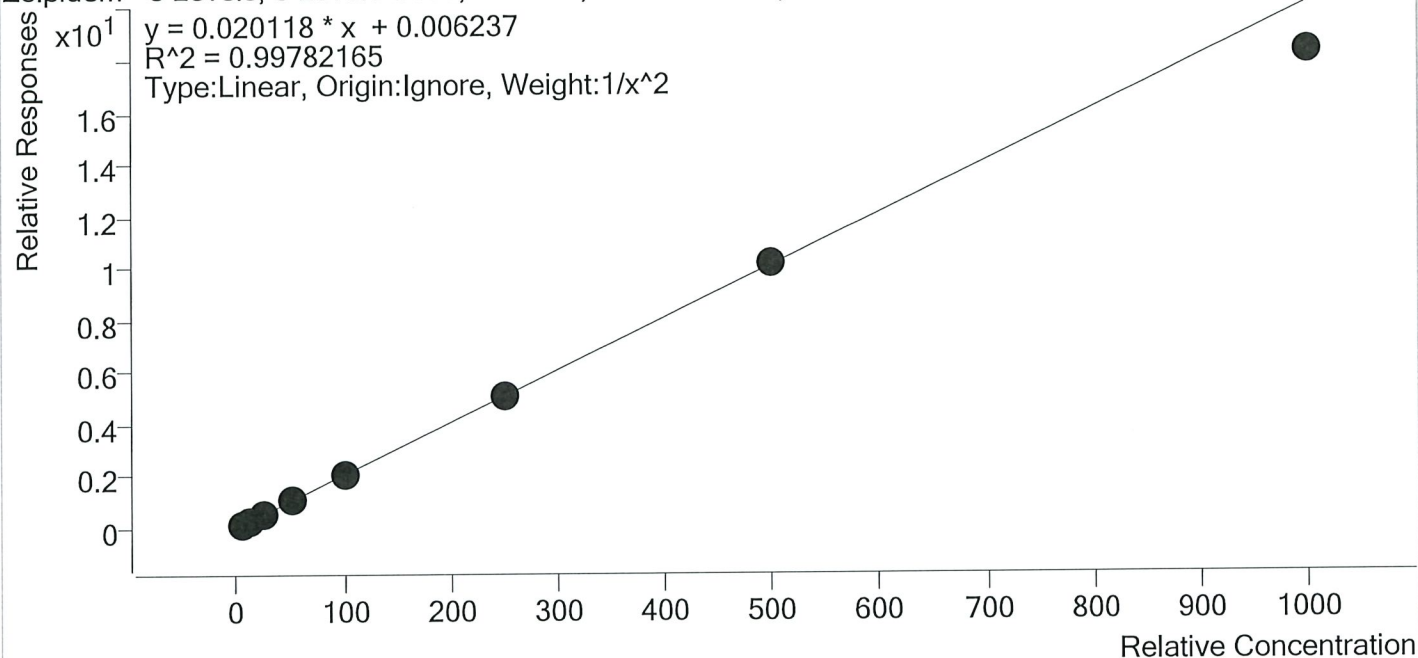
58



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
 Last Cal. Update 8/7/2020 12:11 PM
 Analyst Name ISP\datastor
 Analyte Zolpidem Internal Standard Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2- 10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	253.6	101.4
p1 Cal 7-500ng	7	✓	500.0	501.5	100.3
p1 Cal 8-1000ng	8	✓	1000.0	907.0	90.7

AM #28 Multi-Drug Quant. Results

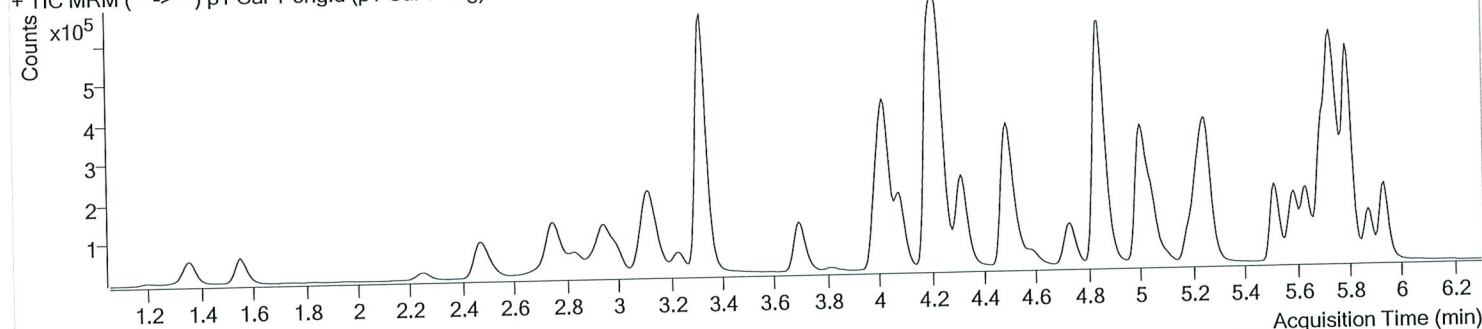


Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-A1	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 6:14:14 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 1-5ng.d (p1 Cal 1-5ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.092	1668	327.56	82.4	4182.68	67320	0.5001 ng/ml
7-aminoclonazepam	4.223	37092	2298.63	84.3	577.24	267830	4.8757 ng/ml
a-hydroxyalprazolam	5.674	17505	362.38	62.8	1028.17	77092	4.9179 ng/ml
alpha-PHP	4.888	11805	1042.17	268.7	∞	552148	4.5549 ng/ml
alpha-PVP	4.322	65143	1921.24	51.1	388.10	552148	5.3815 ng/ml
Alprazolam	5.758	54960	858.83	107.3	474.29	322420	5.6114 ng/ml
Amphetamine	2.990	82338	532.79	50.3	132.49	160578	4.7627 ng/ml
Benzoyllecgonine	3.845	3218	74.69	7.5	17.03	21776	5.1193 ng/ml
Buprenorphine	5.796	1055	29.89	20.9 High	10.05	89660	0.8386 ng/ml
Bupropion	4.746	44188	455.07	59.2	275.70	282494	5.0265 ng/ml
Carisoprodol	5.707	49447	137695.08	57.1	363.06	469147	4.9153 ng/ml
Citalopram	5.190	25951	1166.69	43.2	26263.80	226150	5.0113 ng/ml
Clonazepam	5.588	76544	1172.39	32.5	2923.87	168237	4.9110 ng/ml
Cocaine	4.229	80999	2134.58	43.3	71080.67	1124741	5.3220 ng/ml
Codeine	2.523	9632	∞	101.6	2193.67	84417	5.0169 ng/ml
Cyclobenzaprine	5.605	17914	609.72	10.5	∞	141859	4.9714 ng/ml
Dextromethorphan	5.226	12603	1253.60	83.1	124.21	124384	4.9348 ng/ml
Dextrorphan	4.084	16311	2103.03	214.9	81019.14	417643	5.0995 ng/ml
Diazepam	5.943	41033	1002.90	87.6	∞	386732	5.0153 ng/ml
Dihydrocodeine	2.502	24562	584.01	63.6	780.69	251713	4.8417 ng/ml
Diphenhydramine	5.260	54954	429.61	33.0	437.11	750856	5.2147 ng/ml
Doxylamine	4.508	129169	2680.90	99.7	31664.25	1079675	4.9892 ng/ml
EDDP	5.225	39238	2298.83	42.9	426.53	412762	5.0116 ng/ml
Fentanyl	5.060	1856	96.82	63.4	3012.49	163479	0.4963 ng/ml
Fluoxetine	5.697	22949	1054.13	9.4	1036.58	180111	4.7586 ng/ml
Hydrocodone	2.973	30273	256.70	38.2	67.33	371039	4.8296 ng/ml
Hydromorphone	1.561	27321	342.49	79.0	116.70	167909	4.9757 ng/ml
Ketamine	4.010	67784	8419.19	38.1	146.29	573565	4.9784 ng/ml
Lamotrigine	4.239	6525	404.79	81.0	1209.48	573565	4.9061 ng/ml
Lorazepam	5.729	64728	∞	53.2	166.22	168237	4.8940 ng/ml
MDA	3.143	65827	937.42	21.9	15.78	277692	4.9253 ng/ml
MDMA	3.237	47872	∞	63.0	487.05	89583	4.9811 ng/ml
Meprobamate	4.869	22528	∞	27.8	1639.28	230129	4.8382 ng/ml

p1 Cal 1-5ng

Generated at 9:54 AM on 8/10/2020

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	38076	372.69	50.9	229.75	345851	4.7074 ng/ml
Methamphetamine	3.171	42117	226.99	40.6	168.06	368234	4.9048 ng/ml
Metoprolol	4.285	11741	∞	98.4	500.53	1447170	4.8504 ng/ml
Mirtazapine	4.589	45279	730.14	48.7	827.68	552148	4.9847 ng/ml
Mitragynine	5.188	7397	10545.56	37.7	4623.11	345851	4.9413 ng/ml
Morphine	1.206	4460	1466.28	22.8	157.37	9547	4.9246 ng/ml
Nordiazepam	5.882	37549	814.72	58.8	692.30	242160	4.9803 ng/ml
Norfentanyl	4.044	10710	∞	39.9	80.86	962632	0.5208 ng/ml
Norhydrocodone	3.021	2936	84.50	44.1	65.86	61207	5.1951 ng/ml
Noroxycodone	2.858	27204	187.10	47.9	551.13	185620	5.0098 ng/ml
O-desmethyl-tramadol	3.330	171912	962.79	6.1	155.74	1779832	5.0743 ng/ml
Oxazepam	5.732	71122	∞	72.3	472.76	834230	4.9199 ng/ml
Oxycodone	2.776	66675	1833.46	30.2	∞	548719	4.9476 ng/ml
Oxymorphone	1.363	28326	1342.64	46.0	823.33	182361	4.9758 ng/ml
Phentermine	3.729	14464	∞	3.4	23.58	387783	4.9403 ng/ml
Promethazine	5.515	41773	1120.91	31.5	227.24	355571	5.1796 ng/ml
Quetiapine	5.525	29132	4761.72	61.2	64741.37	73737	5.0690 ng/ml
Sertraline	5.765	12178	162.50	90.7	48885.86	97555	4.3494 ng/ml
Temazepam	5.799	114603	1118.50	29.7	193.40	1093758	5.0713 ng/ml
Tramadol	4.205	149513	4846.14	3.4	30.22	1447170	4.9416 ng/ml
Trazodone	5.100	31855	21525.48	77.8	57090.69	256240	5.0710 ng/ml
Venlafaxine	5.001	86012	232.18	37.9	451.25	901666	5.4087 ng/ml
Zolpidem	4.865	163099	280641.20	31.2	447.73	1543707	4.9418 ng/ml

AM #28 Multi-Drug Quant. Results

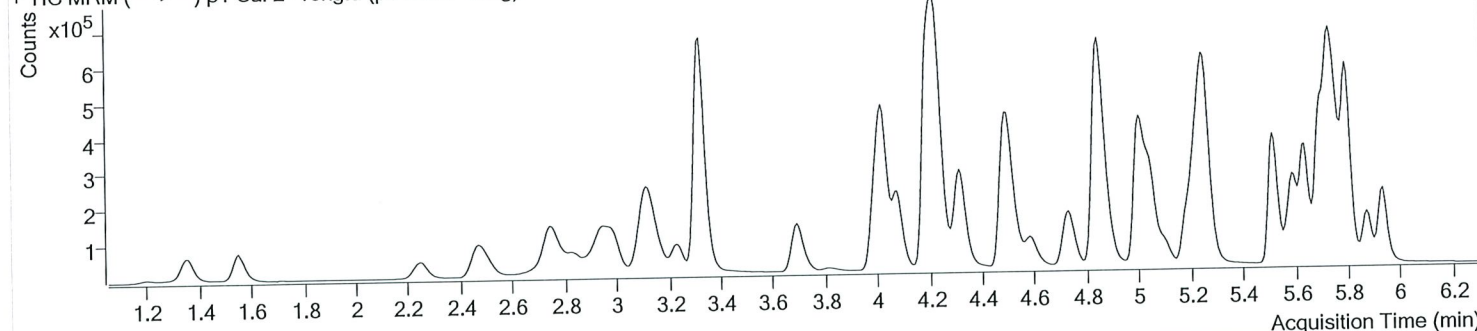


Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 Cal 2- 10ng.d
Type	Cal	Sample	p1 Cal 2- 10ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-B1	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 6:24:58 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 2- 10ng.d (p1 Cal 2- 10ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	3072	5908.94	72.3	3506.71	62422	1.0044 ng/ml
7-aminoclonazepam	4.223	72087	1122.56	84.2	356.27	265735	10.0979 ng/ml
a-hydroxyalprazolam	5.674	31416	627.01	61.6	930.18	71337	10.0366 ng/ml
alpha-PHP	4.888	28509	1141.74	267.8	∞	584231	11.4006 ng/ml
alpha-PVP	4.322	136715	1500.36	50.4	560.97	584231	10.1886 ng/ml
Alprazolam	5.758	102997	∞	106.4	253.49	296722	10.3717 ng/ml
Amphetamine	2.990	177403	∞	51.4	878.37	172918	10.5016 ng/ml
Benzoylcegonine	3.838	6085	318.18	6.8	51.50	21237	9.8477 ng/ml
Buprenorphine	5.796	3402	20.31	14.0	23.67	133199	1.3715 ng/ml
Bupropion	4.746	109643	400.08	60.9	639.77	358761	9.8827 ng/ml
Carisoprodol	5.707	94164	121589.58	53.9	988.86	440898	10.1903 ng/ml
Citalopram	5.183	72420	1039.30	43.8	122897.98	332868	9.6407 ng/ml
Clonazepam	5.588	141861	3310.64	32.9	973.67	157401	10.1376 ng/ml
Cocaine	4.229	158231	6737.01	43.6	382.59	1118235	10.1067 ng/ml
Codeine	2.516	17360	∞	107.1	105.70	80737	9.7927 ng/ml
Cyclobenzaprine	5.605	61700	∞	9.7	95.79	241947	10.1246 ng/ml
Dextromethorphan	5.226	42521	2198.56	79.9	702.75	197976	10.2436 ng/ml
Dextrophan	4.077	33660	818.83	216.8	680.42	440721	9.8731 ng/ml
Diazepam	5.936	76414	1403.20	85.5	1027.61	364393	9.9583 ng/ml
Dihydrocodeine	2.495	45704	4057.56	65.0	591.70	238186	10.2382 ng/ml
Diphenhydramine	5.253	167448	13902.08	32.2	∞	1151024	10.1270 ng/ml
Doxylamine	4.500	279480	9212.07	98.1	19226.33	1163696	10.0514 ng/ml
EDDP	5.225	97086	1642.34	42.5	481.56	519087	9.9461 ng/ml
Fentanyl	5.053	6675	412.39	62.9	10500.58	288339	1.0291 ng/ml
Fluoxetine	5.697	76272	2833.78	8.0	∞	309496	9.6878 ng/ml
Hydrocodone	2.973	56679	136.87	39.7	146.05	345258	10.3098 ng/ml
Hydromorphone	1.561	51128	1617.48	76.9	∞	160314	10.0066 ng/ml
Ketamine	4.010	127698	138127.31	40.2	487.19	557991	9.9278 ng/ml
Lamotrigine	4.232	11873	728.27	84.6	1247.15	557991	10.0078 ng/ml
Lorazepam	5.729	116975	374.36	56.0	403.01	157401	10.2884 ng/ml
MDA	3.143	140812	2042.57	21.3	117.54	301129	10.0822 ng/ml
MDMA	3.237	102909	∞	62.4	1334.83	95849	10.0236 ng/ml
Meprobamate	4.869	43158	120.99	26.2	343.25	223570	10.2163 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	119730	10753.26	51.6	608.60	552598	9.8309 ng/ml
Methamphetamine	3.171	86959	312.22	40.9	148.39	410418	10.1430 ng/ml
Metoprolol	4.292	23374	∞	95.7	1991.26	1424386	10.4321 ng/ml
Mirtazapine	4.589	127794	10946.23	50.1	13215.33	584231	12.7687 ng/ml
Mitragynine	5.188	22884	92009.38	39.2	8263.39	552598	9.8151 ng/ml
Morphine	1.206	8290	887.62	22.6	401.79	9041	10.1581 ng/ml
Norbuprenorphine	4.950	396	24.90	92.7	30.40	14099	0.9890 ng/ml
Nordiazepam	5.882	70476	681.28	58.4	929.34	229072	9.9803 ng/ml
Norfentanyl	4.044	21679	4721.20	36.9	∞	1003491	0.9579 ng/ml
Norhydrocodone	3.014	5614	88.67	37.0	61.30	58156	9.8049 ng/ml
Noroxycodone	2.852	51728	668.57	47.1	348.20	175228	10.0391 ng/ml
O-desmethyl-tramadol	3.323	316942	1446.27	6.0	262.37	1679051	9.8124 ng/ml
Oxazepam	5.732	129116	943.63	71.1	972.27	767758	10.1025 ng/ml
Oxycodone	2.776	126165	911.49	29.8	454.48	524370	10.0964 ng/ml
Oxymorphone	1.356	51650	1292.97	45.6	176.68	174205	10.0247 ng/ml
Phentermine	3.729	30426	425.70	3.2	19.27	418304	10.0169 ng/ml
Promethazine	5.515	138010	562.55	30.9	733.21	601758	10.0352 ng/ml
Quetiapine	5.525	77153	2710.10	59.9	∞	100637	9.7860 ng/ml
Sertraline	5.765	40815	287.20	91.3	523.98	158649	9.9818 ng/ml
Temazepam	5.799	206498	866.34	30.1	421.67	1000604	9.8619 ng/ml
Tramadol	4.205	289409	4441.97	3.5	110.37	1424386	10.1214 ng/ml
Trazodone	5.100	98349	∞	75.4	22010.85	401092	9.9230 ng/ml
Venlafaxine	5.001	185054	∞	37.1	334.47	970348	10.2204 ng/ml
Zolpidem	4.865	314085	∞	31.2	6883.57	1504910	10.0643 ng/ml

AM #28 Multi-Drug Quant. Results

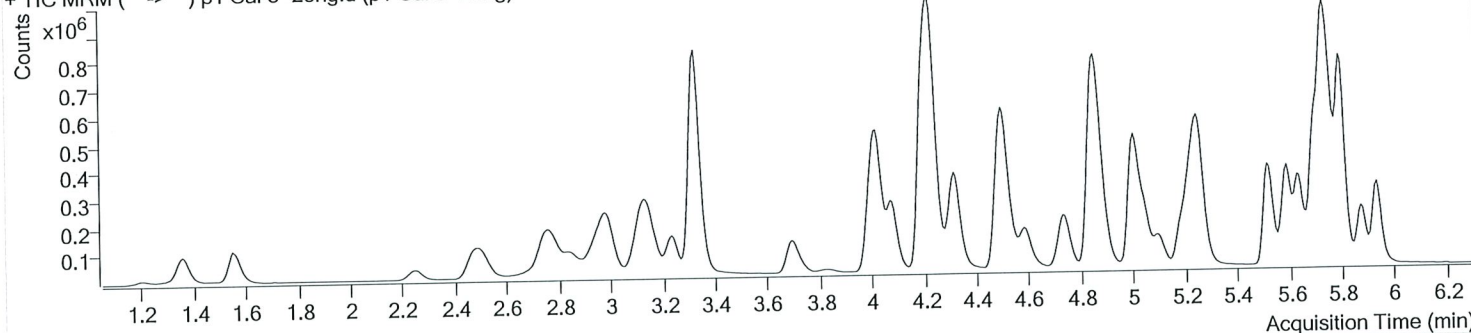


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Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-C1	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 6:35:32 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 3 -25ng.d (p1 Cal 3 -25ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.092	7526	15501.87	70.6	12221.98	63273	2.4439 ng/ml
7-aminoclonazepam	4.223	180350	∞	81.9	12657.19	262837	26.4150 ng/ml
a-hydroxyalprazolam	5.674	80335	453.21	61.3	376.66	73154	25.8201 ng/ml
alpha-PHP	4.888	59084	2897.38	267.3	818364.55	530246	27.0389 ng/ml
alpha-PVP	4.322	308058	2273.06	50.1	1336.27	530246	24.5637 ng/ml
Alprazolam	5.751	253239	1616.18	106.8	1612.98	304355	23.4390 ng/ml
Amphetamine	2.990	368300	3385.68	51.1	∞	148566	26.7517 ng/ml
Benzoylcegonine	3.838	14810	663.13	7.6	57.64	21279	23.8045 ng/ml
Buprenorphine	5.796	5395	∞	14.0	22.26	97818	2.5170 ng/ml
Bupropion	4.739	231413	693.47	59.9	635.74	301892	24.8856 ng/ml
Carisoprodol	5.707	233508	119029.21	55.2	507.27	445211	25.3516 ng/ml
Citalopram	5.183	136368	3906.63	42.6	148048.63	241776	25.2412 ng/ml
Clonazepam	5.588	362135	33011.55	32.4	∞	161851	25.7857 ng/ml
Cocaine	4.223	365829	15893.28	44.7	6169.62	1051505	24.3200 ng/ml
Codeine	2.523	43009	29620.00	105.0	1093.37	79562	25.1982 ng/ml
Cyclobenzaprine	5.605	106548	332.13	10.4	∞	172470	24.6460 ng/ml
Dextromethorphan	5.226	72569	6724.24	79.2	21584.14	139042	24.6156 ng/ml
Dextrorphan	4.077	77594	844.66	209.0	43211.01	396926	25.1093 ng/ml
Diazepam	5.936	192574	1541.63	86.5	611.88	368228	24.9050 ng/ml
Dihydrocodeine	2.502	111074	2469.17	64.7	861.23	236040	26.1854 ng/ml
Diphenhydramine	5.253	293405	3169.11	32.5	442.53	822242	24.4896 ng/ml
Doxylamine	4.500	626463	18605.92	98.5	49311.17	1053818	24.9321 ng/ml
EDDP	5.225	186965	1641.40	42.3	390628.89	399815	25.0012 ng/ml
Fentanyl	5.053	10657	798.74	70.0	∞	199544	2.3957 ng/ml
Fluoxetine	5.697	133419	19533.22	8.4	5740.24	215852	25.0799 ng/ml
Hydrocodone	2.973	135791	193.68	39.0	123.72	338619	26.0291 ng/ml
Hydromorphone	1.561	124213	869.10	77.9	544.68	158112	25.0361 ng/ml
Ketamine	4.003	309756	4694.35	40.1	423.98	537064	25.4866 ng/ml
Lamotrigine	4.232	28714	1321.87	84.0	2657.82	537064	26.5884 ng/ml
Lorazepam	5.729	289113	690.77	56.2	3322.41	161851	25.9878 ng/ml
MDA	3.143	306782	2426.34	20.7	202.96	263566	25.6573 ng/ml
MDMA	3.237	226117	323549.61	61.9	2511.16	83466	25.3155 ng/ml
Meprobamate	4.869	104696	4821.57	26.9	37209.59	216936	26.5839 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	207278	70668.53	52.1	218.21	386691	25.1845 ng/ml
Methamphetamine	3.171	166196	911.51	42.2	488.89	331434	25.6993 ng/ml
Metoprolol	4.285	52791	84807.62	97.5	∞	1352250	25.6565 ng/ml
Mirtazapine	4.589	235409	3203.80	49.3	∞	530246	25.5903 ng/ml
Mitragynine	5.188	43261	3498.35	38.1	26032.85	386691	26.9661 ng/ml
Morphine	1.206	19999	315.19	23.0	1242.41	8955	25.4783 ng/ml
Norbuprenorphine	4.951	642	31.53	76.8	38.05	10071	2.6083 ng/ml
Nordiazepam	5.882	178106	∞	58.5	720.81	229259	25.3539 ng/ml
Norfentanyl	4.044	50763	1177.83	37.6	272.46	923003	2.3510 ng/ml
Norhydrocodone	3.014	12324	∞	43.8	34.96	53763	22.4007 ng/ml
Noroxycodone	2.852	125664	615.62	46.9	740.94	172014	24.7686 ng/ml
O-desmethyl-tramadol	3.323	785592	896.99	6.0	2735.50	1660242	24.4327 ng/ml
Oxazepam	5.732	322103	8028.70	70.8	∞	779602	25.4151 ng/ml
Oxycodone	2.776	308019	3011.48	30.3	1060.95	519411	25.3322 ng/ml
Oxymorphone	1.363	127095	719.88	45.5	719.42	176900	25.1173 ng/ml
Phentermine	3.730	65352	1427.84	3.5	55.77	358783	25.6906 ng/ml
Promethazine	5.515	238838	∞	30.7	1423.25	425218	24.4608 ng/ml
Quetiapine	5.525	148560	5739.88	58.7	391602.73	76061	24.8485 ng/ml
Sertraline	5.765	68505	1039.03	91.2	1436.78	114101	24.5748 ng/ml
Temazepam	5.799	532782	1451.25	30.1	344.25	1040885	24.2666 ng/ml
Tramadol	4.205	673946	3412.78	3.3	211.69	1352250	25.4327 ng/ml
Trazodone	5.100	173483	27176.66	79.1	284943.46	294563	23.7198 ng/ml
Venlafaxine	5.001	407758	1560.73	36.9	2158.02	860291	24.5201 ng/ml
Zolpidem	4.865	761107	∞	31.4	27600.70	1470245	25.4221 ng/ml

AM #28 Multi-Drug Quant. Results

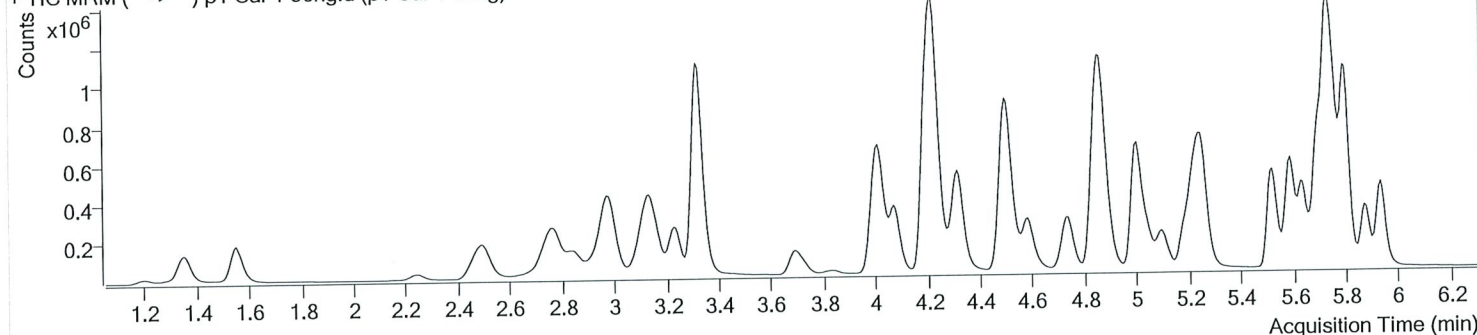


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Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-D1	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 6:46:06 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 4-50ng.d (p1 Cal 4-50ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	15344	11889.22	75.5	467.83	62259	5.0764 ng/ml
7-aminoclonazepam	4.223	350436	774.60	83.6	5449.03	254332	53.6183 ng/ml
a-hydroxyalprazolam	5.674	161861	1920.40	60.2	948.45	71616	53.7015 ng/ml
alpha-PHP	4.888	115359	∞	264.5	16259.41	520322	54.5746 ng/ml
alpha-PVP	4.322	611990	17982.31	51.1	1797.38	520322	49.2235 ng/ml
Alprazolam	5.751	497643	1797.85	107.0	1735.08	281968	48.5760 ng/ml
Amphetamine	2.983	739310	3448.60	51.6	4920.07	149603	54.2929 ng/ml
Benzoyllecgonine	3.838	29982	379.19	7.6	5536.23	21422	47.7824 ng/ml
Buprenorphine	5.796	10401	227.08	17.9	33.62	86813	5.0178 ng/ml
Bupropion	4.739	414008	52023.09	59.5	607.65	265673	50.6583 ng/ml
Carisoprodol	5.707	458235	552204.91	55.1	1508.44	426060	52.2217 ng/ml
Citalopram	5.183	251169	957.68	43.1	1500.80	220601	51.1120 ng/ml
Clonazepam	5.588	706662	1425.98	33.0	888.43	157620	52.0870 ng/ml
Cocaine	4.223	739026	40373.84	43.8	25802.39	1035389	49.5126 ng/ml
Codeine	2.516	86507	5667.02	106.2	1621.00	78124	52.0161 ng/ml
Cyclobenzaprine	5.605	197785	210751.98	9.7	382.99	154655	51.1097 ng/ml
Dextromethorphan	5.226	134681	∞	79.4	4394.77	125678	50.3385 ng/ml
Dextrorphan	4.077	153114	3298.22	210.3	3637.33	389441	50.3947 ng/ml
Diazepam	5.936	377816	893.93	87.6	1005.17	360618	49.9401 ng/ml
Dihydrocodeine	2.495	226646	886.13	64.9	1748.00	237332	53.9039 ng/ml
Diphenhydramine	5.253	544430	2283.11	33.1	6116.93	749551	49.5990 ng/ml
Doxylamine	4.500	1177700	31743.31	98.9	41105.82	984596	50.2016 ng/ml
EDDP	5.218	382008	9566.41	43.3	696.20	403925	50.6536 ng/ml
Fentanyl	5.053	19953	710.53	64.4	28912.52	178132	5.0422 ng/ml
Fluoxetine	5.697	239183	12549.71	8.7	3460.08	192504	50.9382 ng/ml
Hydrocodone	2.966	276545	362.39	38.2	∞	334867	54.2234 ng/ml
Hydromorphone	1.553	254609	1368.57	77.0	∞	156447	52.1479 ng/ml
Ketamine	4.003	628272	1443.35	40.0	673.35	539717	51.7525 ng/ml
Lamotrigine	4.232	57222	774.83	80.3	3797.18	539717	53.6645 ng/ml
Lorazepam	5.729	545917	2180.45	56.2	7196.60	157620	51.2302 ng/ml
MDA	3.137	601345	3179.00	20.4	1028.87	255111	52.3457 ng/ml
MDMA	3.237	443299	∞	62.0	4928.67	82795	50.0481 ng/ml
Meprobamate	4.862	206750	20236.87	26.5	1279.84	212510	54.2966 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	386634	960.65	50.5	1107.13	354450	51.8554 ng/ml
Methamphetamine	3.165	332347	717.08	42.0	492.25	331428	52.6322 ng/ml
Metoprolol	4.285	105661	23388.45	96.8	1834.29	1359114	51.6954 ng/ml
Mirtazapine	4.582	446948	18282.98	49.1	∞	520322	49.2169 ng/ml
Mitragynine	5.188	78838	8074.26	38.5	3187.47	354450	53.8734 ng/ml
Morphine	1.200	41250	562.87	23.4	271.56	9192	51.7097 ng/ml
Norbuprenorphine	4.950	1005	41.96	84.9	253.41	9270	4.6394 ng/ml
Nordiazepam	5.882	347594	1353.72	58.7	1079.53	222996	50.9716 ng/ml
Norfentanyl	4.044	100859	1423.52	37.6	519.04	909254	4.6840 ng/ml
Norhydrocodone	3.014	24646	150.29	40.7	101.61	50961	46.5470 ng/ml
Noroxycodone	2.852	248533	3310.36	48.7	831.39	170938	49.2437 ng/ml
O-desmethyl-tramadol	3.323	1598990	3379.15	6.0	1952.91	1661970	49.5656 ng/ml
Oxazepam	5.732	611623	21051.31	72.2	∞	722088	52.5323 ng/ml
Oxycodone	2.769	620201	2049.65	30.4	1573.68	518107	51.4465 ng/ml
Oxymorphone	1.356	251403	∞	46.3	∞	173993	51.0999 ng/ml
Phentermine	3.723	130937	1015.20	3.2	∞	352758	52.7700 ng/ml
Promethazine	5.515	435330	1781.11	31.1	253.60	380533	49.7372 ng/ml
Quetiapine	5.525	280205	31946.37	59.0	∞	72294	49.2570 ng/ml
Sertraline	5.765	123809	1407.73	92.7	67454.76	99503	51.9587 ng/ml
Temazepam	5.799	1056546	1796.66	30.6	2076.87	999716	49.9651 ng/ml
Tramadol	4.204	1346272	2631.63	3.4	96.49	1359114	50.9593 ng/ml
Trazodone	5.093	322609	20542.29	78.1	∞	259510	49.9769 ng/ml
Venlafaxine	5.001	802601	5900.66	37.1	1492.55	840016	48.8260 ng/ml
Zolpidem	4.858	1532691	4337.03	31.7	15021.71	1456589	51.9943 ng/ml

AM #28 Multi-Drug Quant. Results

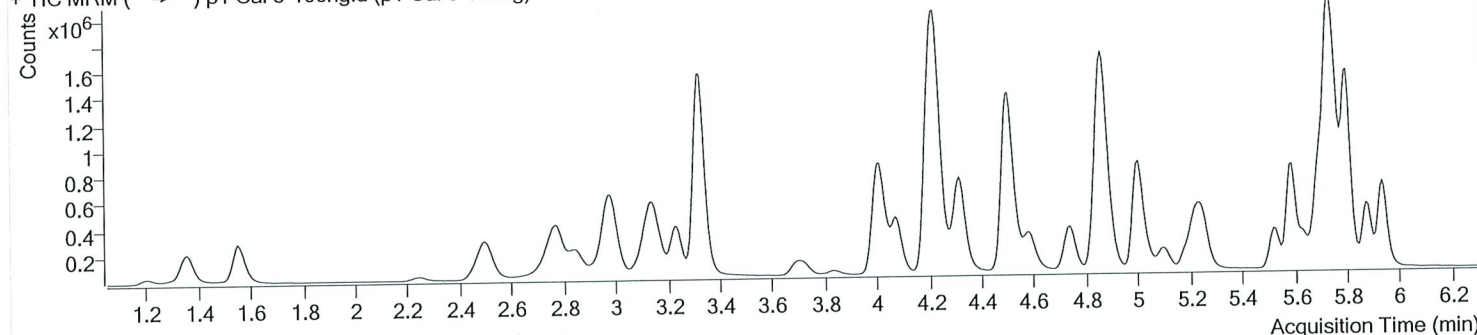


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Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-E1	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 6:56:40 PM		
Sample Info.			

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 5-100ng.d (p1 Cal 5-100ng)



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	29140	30078.97	70.7	∞	59482	10.1022 ng/ml
7-aminoclonazepam	4.223	612832	6589.77	83.8	10776.89	228357	104.9726 ng/ml
a-hydroxyalprazolam	5.674	295905	1979.38	61.2	2900.45	68002	103.8821 ng/ml
alpha-PHP	4.888	158230	3537.25	265.6	10731.52	442005	88.6006 ng/ml
alpha-PVP	4.322	1022079	1366.25	50.9	12206.35	442005	96.2972 ng/ml
Alprazolam	5.751	930879	5536.61	107.5	2385.80	268993	94.2701 ng/ml
Amphetamine	2.990	1123149	12575.16	51.5	14393.76	119008	104.5697 ng/ml
Benzoylcegonine	3.838	57455	714.57	7.8	134.30	21031	93.1887 ng/ml
Buprenorphine	5.796	7631	115.15	15.2	47.11	31823	9.6595 ng/ml
Bupropion	4.739	578900	23562.81	59.5	2452.38	187737	100.3040 ng/ml
Carisoprodol	5.700	845803	1029.80	54.2	1381.82	406877	101.1437 ng/ml
Citalopram	5.183	218892	1643.75	43.5	2134.16	99857	98.5482 ng/ml
Clonazepam	5.588	1325092	323092.31	32.5	4532.02	151132	102.2627 ng/ml
Cocaine	4.223	1294330	142203.04	43.7	717.19	908608	98.4547 ng/ml
Codeine	2.516	159809	1648.39	104.6	565.75	73014	103.1916 ng/ml
Cyclobenzaprine	5.605	95562	288027.73	10.4	∞	38566	99.1049 ng/ml
Dextromethorphan	5.226	93762	1789.96	80.3	975.69	44222	99.4059 ng/ml
Dextrorphan	4.077	242567	11733.36	211.3	1344.30	316375	98.1755 ng/ml
Diazepam	5.936	694666	2449.40	87.0	16496.96	332838	99.5317 ng/ml
Dihydrocodeine	2.495	425723	17274.18	63.4	1021.51	227577	106.3023 ng/ml
Diphenhydramine	5.253	468290	590.18	32.2	7737.85	324090	98.4305 ng/ml
Doxylamine	4.500	2041740	47032.86	98.4	63695.88	865504	99.0429 ng/ml
EDDP	5.218	460181	31043.78	43.4	483.67	249738	98.7765 ng/ml
Fentanyl	5.053	10499	∞	65.0	844.67	47015	10.0682 ng/ml
Fluoxetine	5.697	109222	864.34	8.2	∞	44631	100.8321 ng/ml
Hydrocodone	2.966	502449	248.64	37.8	∞	308773	107.4114 ng/ml
Hydromorphone	1.561	468142	∞	77.3	∞	149453	100.6141 ng/ml
Ketamine	4.003	1133710	24344.04	40.2	1155.60	497919	101.5195 ng/ml
Lamotrigine	4.232	99940	2408.93	80.3	10147.56	497919	102.4455 ng/ml
Lorazepam	5.729	941119	∞	55.5	∞	151132	92.8241 ng/ml
MDA	3.137	930445	7557.41	20.3	806.02	202812	102.2350 ng/ml
MDMA	3.237	705810	196671.93	62.5	20716.27	65861	100.1900 ng/ml
Meprobamate	4.869	364560	9261.14	26.2	2445.85	194947	105.0077 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	262073	6745.74	52.0	2442.30	126403	99.0898 ng/ml
Methamphetamine	3.165	511501	1161.12	41.8	776.44	264269	102.7427 ng/ml
Metoprolol	4.285	181270	477036.94	94.4	∞	1225832	98.8788 ng/ml
Mirtazapine	4.582	460549	8743.56	48.9	3103.16	442005	59.6330 ng/ml
Mitragynine	5.188	50063	128172.15	38.1	15945.21	126403	96.1361 ng/ml
Morphine	1.206	76803	1348.69	23.0	∞	8796	101.1047 ng/ml
Norbuprenorphine	4.951	971	60.64	68.1	97.50	4022	10.6822 ng/ml
Nordiazepam	5.882	635077	∞	58.1	2459.72	206384	100.7218 ng/ml
Norfentanyl	4.044	173392	1603.95	36.5	923.31	774915	9.3909 ng/ml
Norhydrocodone	3.014	44136	145.32	39.8	68.64	44994	93.7504 ng/ml
Noroxycodone	2.852	453927	5656.13	47.3	633.18	156035	98.4789 ng/ml
O-desmethyl-tramadol	3.323	3025459	5934.22	5.9	1403.73	1577207	98.7150 ng/ml
Oxazepam	5.732	1111242	∞	71.0	6653.68	653303	105.9056 ng/ml
Oxycodone	2.769	1148303	2523.44	30.4	2064.20	491974	100.6032 ng/ml
Oxymorphone	1.356	455899	1273.44	48.3	3540.60	160052	101.3007 ng/ml
Phentermine	3.723	200249	∞	3.4	584.97	285270	100.1556 ng/ml
Promethazine	5.515	212318	800.26	31.8	424.95	94458	97.6470 ng/ml
Quetiapine	5.525	305784	16632.63	59.1	616500.25	39060	99.4340 ng/ml
Sertraline	5.765	57112	583.05	89.6	∞	22736	105.8705 ng/ml
Temazepam	5.799	1980303	2112.79	30.3	2741.80	974569	95.9464 ng/ml
Tramadol	4.197	2378253	1804.27	3.4	530.02	1225832	100.2096 ng/ml
Trazodone	5.093	277614	10593.34	78.3	21829.67	111443	100.0644 ng/ml
Venlafaxine	5.001	1300801	2940.19	37.4	1481.68	692645	95.3980 ng/ml
Zolpidem	4.858	2800250	275996.22	31.1	91041.23	1354758	102.4336 ng/ml

AM #28 Multi-Drug Quant. Results

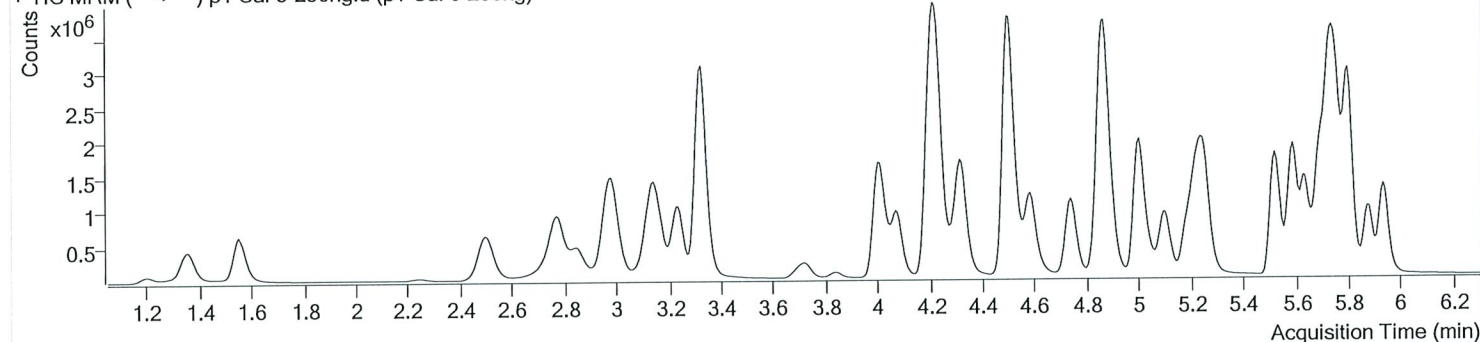


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Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-F1	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 7:07:13 PM		
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	3.085	75137	1061.09	70.9	3421.16	61358	25.2693 ng/ml
7-aminoclonazepam	4.223	1264465	29216.84	83.7	32501.70	198417	250.0593 ng/ml
a-hydroxyalprazolam	5.674	646511	19711.37	61.9	1877.42	63935	242.1074 ng/ml
alpha-PHP	4.888	498064	3637.86	268.1	97799.82	480519	258.0228 ng/ml
alpha-PVP	4.322	2808771	5118.50	49.8	197572.81	480519	242.6699 ng/ml
Alprazolam	5.751	2060404	1622.86	107.9	1881.24	225851	246.8488 ng/ml
Amphetamine	2.990	2904062	31516.11	51.0	15757.26	135678	238.3924 ng/ml
Benzoylcegonine	3.838	159822	731.59	7.7	1701.78	21558	252.7455 ng/ml
Buprenorphine	5.796	45072	1052.24	16.2	845.71	71135	24.8935 ng/ml
Bupropion	4.739	2058601	97253.59	59.3	1274.57	265336	252.4699 ng/ml
Carisoprodol	5.700	1746326	1236707.33	53.9	1692.77	337928	251.7725 ng/ml
Citalopram	5.183	1138190	642.52	43.5	1072.78	200441	255.5345 ng/ml
Clonazepam	5.588	2923085	91928.90	32.4	5641.63	137195	249.0984 ng/ml
Cocaine	4.223	3179914	57762.76	44.2	45410.39	895136	244.9818 ng/ml
Codeine	2.516	370797	4473.19	105.6	1035.52	69370	252.5598 ng/ml
Cyclobenzaprine	5.605	891592	19822.16	10.0	2896.77	139597	255.5831 ng/ml
Dextromethorphan	5.226	598750	577.21	80.0	915.70	112428	249.3950 ng/ml
Dextropropion	4.077	675363	5025.29	211.8	53809.45	345617	250.0563 ng/ml
Diazepam	5.936	1636342	1753.09	86.2	9359.10	309132	252.5065 ng/ml
Dihydrocodeine	2.495	1032607	1757.53	63.9	3400.49	229688	256.5123 ng/ml
Diphenhydramine	5.253	2541470	40964.89	32.5	9335.39	694454	248.9297 ng/ml
Doxylamine	4.500	6026291	127620.15	99.0	∞	1003765	252.1184 ng/ml
EDDP	5.218	1710491	1345.50	43.6	1720.16	374178	245.1796 ng/ml
Fentanyl	5.053	92972	3318.48	66.7	761.76	165953	25.2840 ng/ml
Fluoxetine	5.697	981786	1172.85	8.6	2570.71	155577	260.8306 ng/ml
Hydrocodone	2.966	1182024	1719.92	37.7	∞	322506	242.6611 ng/ml
Hydromorphone	1.553	1130060	696.04	78.9	∞	145212	250.3610 ng/ml
Ketamine	4.003	2895664	2009.67	39.8	48471.77	511668	252.7839 ng/ml
Lamotrigine	4.232	213677	7417.13	81.1	13703.02	511668	214.1803 ng/ml
Lorazepam	5.729	1571570	∞	56.3	∞	137195	171.5050 ng/ml
MDA	3.137	2509333	9196.73	20.0	1201.51	219465	255.3604 ng/ml
MDMA	3.237	2014716	50206.08	63.0	17292.59	75486	249.5450 ng/ml
Meprobamate	4.869	724996	942.63	26.6	7674.95	169220	241.4733 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	1782357	3008.90	51.3	50779.33	323941	263.9313 ng/ml
Methamphetamine	3.165	1429987	2096.46	42.1	1119.73	298758	255.9020 ng/ml
Metoprolol	4.285	470228	1162030.13	96.1	14616.96	1208315	261.2097 ng/ml
Mirtazapine	4.582	2097193	7683.07	49.5	16826.18	480519	248.7770 ng/ml
Mitragynine	5.188	343378	41333.25	38.9	12143.24	323941	257.7418 ng/ml
Morphine	1.206	190576	2975.87	23.0	856.86	8976	246.5783 ng/ml
Norbuprenorphine	4.951	5169	206.28	77.1	105.82	8737	26.5846 ng/ml
Nordiazepam	5.882	1471517	21967.59	59.0	2001.03	192628	250.1935 ng/ml
Norfentanyl	4.044	485247	3591.80	37.2	3683.20	833526	24.3420 ng/ml
Norhydrocodone	3.014	101438	489.80	41.5	1261.14	37568	256.9348 ng/ml
Noroxycodone	2.852	1069343	1846.49	47.4	7555.04	144902	249.7383 ng/ml
O-desmethyl-tramadol	3.323	7618198	109879.74	5.8	3529.73	1543662	253.7972 ng/ml
Oxazepam	5.732	1998544	∞	74.1	∞	494776	252.0574 ng/ml
Oxycodone	2.769	2908113	13819.01	30.4	3912.39	498050	252.1313 ng/ml
Oxymorphone	1.356	1102916	∞	45.1	5132.71	156518	251.4551 ng/ml
Phentermine	3.723	579170	∞	3.2	1233.61	323715	255.8962 ng/ml
Promethazine	5.515	2016367	1825.44	31.0	4127.09	339333	258.0082 ng/ml
Quetiapine	5.525	1341069	52188.93	60.0	∞	69901	243.6045 ng/ml
Sertraline	5.765	455305	770.71	92.1	1333.89	74102	260.3547 ng/ml
Temazepam	5.799	4696875	2288.96	29.5	28055.38	877765	252.4488 ng/ml
Tramadol	4.197	5951181	328810.79	3.3	848.24	1208315	255.0342 ng/ml
Trazodone	5.100	1596762	12423.76	77.6	63615.77	264036	242.8070 ng/ml
Venlafaxine	5.001	3799090	4218.96	36.2	6382.11	776293	247.6430 ng/ml
Zolpidem	4.858	7204361	8020.01	30.7	6715.12	1410618	253.5567 ng/ml

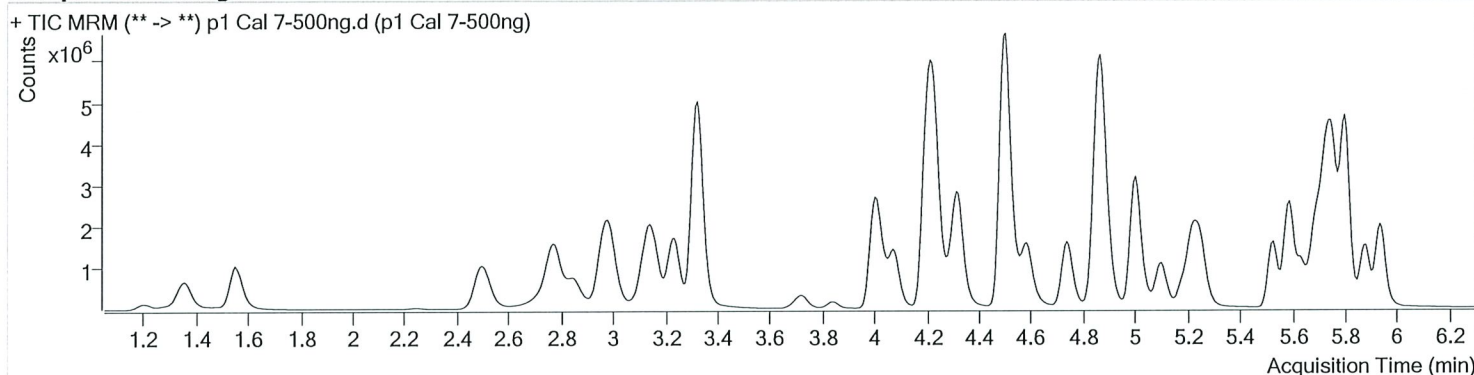
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-G1	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 7:17:47 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	144026	5913.98	71.4	1987.13	59945	49.5900 ng/ml
7-aminoclonazepam	4.223	1708296	24224.79	84.0	7448.21	141691	473.5887 ng/ml
a-hydroxyalprazolam	5.674	1061947	671.87	62.1	14934.99	52768	482.3702 ng/ml
alpha-PHP	4.888	719192	8039.55	266.0	15214.91	417921	428.9020 ng/ml
alpha-PVP	4.322	4962960	9054.81	49.6	6783.63	417921	492.5013 ng/ml
Alprazolam	5.758	3441535	1510.33	107.9	∞	189462	490.4975 ng/ml
Amphetamine	2.990	4318855	40796.26	50.2	20950.08	114444	421.0520 ng/ml
Benzoylcegonine	3.838	323330	26374.40	7.4	∞	21041	523.8003 ng/ml
Buprenorphine	5.796	33336	∞	15.9	146.72	26372	49.2815 ng/ml
Bupropion	4.739	3008435	191382.51	59.6	28266.15	200330	488.7451 ng/ml
Carisoprodol	5.700	2757175	2472.74	53.4	1793.02	277058	485.0508 ng/ml
Citalopram	5.183	1107307	1801.37	42.9	16687.09	99836	499.2642 ng/ml
Clonazepam	5.588	4882144	150368.74	32.2	162441.49	117826	484.8297 ng/ml
Cocaine	4.223	5520301	351993.62	43.8	83453.73	776198	490.0897 ng/ml
Codeine	2.516	634906	865.55	103.6	3813.27	60858	493.3019 ng/ml
Cyclobenzaprine	5.605	485877	30525.16	10.1	600.88	37117	523.9201 ng/ml
Dextromethorphan	5.226	475068	1220.06	79.3	∞	44073	504.5776 ng/ml
Dextrorphan	4.077	1062981	60387.53	212.3	42131.59	273495	497.2588 ng/ml
Diazepam	5.936	2735627	1525.10	86.6	17455.86	264827	492.8072 ng/ml
Dihydrocodeine	2.488	1861243	4086.58	63.0	6745.15	220943	481.3028 ng/ml
Diphenhydramine	5.253	2429938	2023.09	32.8	5192.46	337460	489.5553 ng/ml
Doxylamine	4.500	10969045	100701.15	98.4	181200.83	910846	505.7562 ng/ml
EDDP	5.218	2627142	17627.06	43.5	28378.92	284662	495.0807 ng/ml
Fentanyl	5.053	53040	1442.12	68.5	71039.16	49249	48.6196 ng/ml
Fluoxetine	5.690	467574	∞	8.5	5486.89	37344	518.0173 ng/ml
Hydrocodone	2.966	2026247	2907.27	38.6	∞	289945	463.2192 ng/ml
Hydromorphone	1.561	1991526	1661.83	76.4	1204.94	132317	484.4611 ng/ml
Ketamine	4.003	5336659	675635.20	39.5	2690.41	487642	489.1172 ng/ml
Lamotrigine	4.239	307529	13476.59	80.0	24163.03	487642	323.9271 ng/ml
Lorazepam	5.722	1865973	∞	56.0	6887.32	117826	237.4499 ng/ml
MDA	3.137	3804388	8687.65	19.6	1783.16	173853	489.0682 ng/ml
MDMA	3.237	3381034	46468.22	62.9	12665.76	63421	498.4589 ng/ml
Meprobamate	4.869	997887	30313.27	26.3	8418.56	133209	422.7329 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	1411099	2210.67	51.6	11829.70	135815	498.9137 ng/ml
Methamphetamine	3.165	2131642	4838.15	42.0	3935.10	237219	481.5132 ng/ml
Metoprolol	4.285	789973	16894.97	96.9	16316.35	1088526	487.6450 ng/ml
Mirtazapine	4.582	2605751	12815.37	49.1	7369.74	417921	355.2668 ng/ml
Mitragynine	5.188	246159	6928.58	39.1	9967.64	135815	440.8927 ng/ml
Morphine	1.206	342100	28277.65	22.6	771.42	8100	490.9665 ng/ml
Norbuprenorphine	4.950	4217	83.88	80.4	4484.53	3926	48.5052 ng/ml
Nordiazepam	5.882	2418443	14175.13	58.7	3339.57	160077	494.9058 ng/ml
Norfentanyl	4.044	890301	7726.82	36.9	14040.90	718374	51.7562 ng/ml
Norhydrocodone	3.014	163789	1079.03	43.2	∞	30766	505.9595 ng/ml
Noroxycodone	2.852	1768619	4520.48	47.9	680.56	118528	504.9049 ng/ml
O-desmethyl-tramadol	3.323	13984859	162634.57	5.8	40095.40	1408996	510.3181 ng/ml
Oxazepam	5.732	2695147	111904.64	70.5	∞	334697	502.8937 ng/ml
Oxycodone	2.769	5392603	20007.42	30.4	2962.17	474678	490.8437 ng/ml
Oxymorphone	1.356	1890263	∞	46.1	∞	137386	491.5286 ng/ml
Phentermine	3.723	918647	35842.96	3.1	1226.14	264968	496.2565 ng/ml
Promethazine	5.515	1119278	1088.47	30.8	7150.97	100406	483.9539 ng/ml
Quetiapine	5.525	1906235	181639.41	58.5	742.30	47449	510.0608 ng/ml
Sertraline	5.765	193988	1803.79	93.7	1244.28	15634	526.7372 ng/ml
Temazepam	5.799	8206118	69178.86	28.9	1406.61	758516	510.2727 ng/ml
Tramadol	4.197	10536209	12002.20	3.2	911.35	1088526	501.6141 ng/ml
Trazodone	5.100	1879781	51528.35	76.7	11113.60	147672	510.9974 ng/ml
Venlafaxine	5.001	6569323	4190.34	36.4	33487.44	682698	486.3542 ng/ml
Zolpidem	4.858	13182334	336218.69	29.8	91420.94	1305893	501.4597 ng/ml

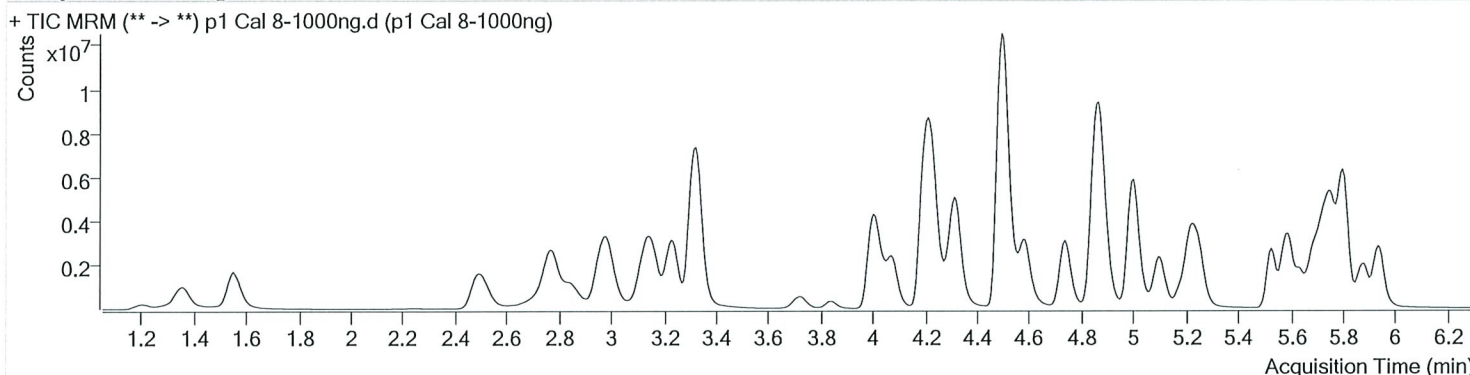
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\080620 AM 27 28 SJ SP\QuantResults\AM 28 SJ SP.batch.bin
Calibration Last Update 8/7/2020 12:11:59 PM

Instrument	Falco	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	MDQ P1 060520.m	Operator	Sarah Pickle
Sample Position	P1-H1	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2020 7:28:21 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.085	280453	30775.79	71.0	5583.95	58489	98.9790 ng/ml
7-aminoclonazepam	4.230	1919546	1920.01	81.0	17868.49	84868	888.9606 ng/ml
a-hydroxyalprazolam	5.668	1597726	5317.90	62.1	662.97	41026	933.9331 ng/ml
alpha-PPP	4.888	1276434	41896.81	268.9	12138.17	389095	818.3274 ng/ml
alpha-PVP	4.322	9566827	2707.60	48.4	112720.36	389095	1019.1742 ng/ml
Alprazolam	5.758	5395815	13669.47	105.2	∞	142637	1020.3855 ng/ml
Amphetamine	2.990	6921889	53550.31	49.7	75230.28	113516	680.9432 ng/ml
Benzoylcegonine	3.838	686929	21716.92	7.6	1792.73	21419	1093.0754 ng/ml
Buprenorphine	5.796	40515	968.35	16.3	∞	15092	104.2297 ng/ml
Bupropion	4.739	5943784	121248.88	58.3	5372.90	192029	1007.4276 ng/ml
Carisoprodol	5.700	3760019	78117.35	53.6	9583.97	192797	950.7812 ng/ml
Citalopram	5.183	1754680	1368.86	42.9	922.88	79343	995.6481 ng/ml
Clonazepam	5.588	7296895	∞	31.7	86303.56	90656	942.2014 ng/ml
Cocaine	4.223	9559070	412564.33	42.3	130269.20	647325	1017.2125 ng/ml
Codeine	2.523	1014471	∞	104.7	∞	51031	940.3413 ng/ml
Cyclobenzaprine	5.598	362380	1251.67	10.0	∞	15698	923.9998 ng/ml
Dextromethorphan	5.226	636410	38988.03	79.9	40982.93	29890	996.4889 ng/ml
Dextrorphan	4.077	1880774	113456.80	212.4	3198.56	239634	1004.0329 ng/ml
Diazepam	5.936	4230983	7048.95	86.1	1638.35	198846	1015.1425 ng/ml
Dihydrocodeine	2.488	3102181	8102.33	64.3	2722.48	213511	830.6620 ng/ml
Diphenhydramine	5.253	4085189	285900.37	32.1	15510.80	273930	1013.6542 ng/ml
Doxylamine	4.494	22003719	273192.71	99.1	235581.94	937915	985.2918 ng/ml
EDDP	5.218	5884942	4431.21	42.1	29585.09	306138	1031.3062 ng/ml
Fentanyl	5.053	57312	∞	66.8	115463.37	25344	102.1087 ng/ml
Fluoxetine	5.690	199432	2543.00	8.6	2839.84	8511	969.8555 ng/ml
Hydrocodone	2.959	3715577	∞	38.3	∞	271922	906.2743 ng/ml
Hydromorphone	1.553	3459865	862.96	79.4	∞	113290	983.2843 ng/ml
Ketamine	4.003	9549638	7042.57	38.6	20699.81	448249	952.4537 ng/ml
Lamotrigine	4.246	389251	2603.08	79.9	14654.19	448249	446.3981 ng/ml
Lorazepam	5.722	1844231	∞	55.7	3375.66	90656	305.2747 ng/ml
MDA	3.130	5891471	24040.75	19.2	553.02	144492	911.5906 ng/ml
MDMA	3.231	6406270	256539.82	62.2	28067.82	60454	990.8437 ng/ml
Meprobamate	4.876	1155168	17422.06	26.0	11216.45	95611	682.2219 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.636	2140192	71530.50	52.0	∞	104239	986.4869 ng/ml
Methamphetamine	3.165	4602982	12816.95	41.6	12874.02	271355	910.0589 ng/ml
Metoprolol	4.285	1348778	212872.47	95.8	16328.82	988227	917.6296 ng/ml
Mirtazapine	4.582	5274556	208146.23	48.7	25255.60	389095	772.0363 ng/ml
Mitragynine	5.188	296596	26529.67	38.9	4681.19	104239	692.3016 ng/ml
Morphine	1.206	570203	3366.53	22.8	∞	6861	966.6485 ng/ml
Norbuprenorphine	4.951	5748	239.13	82.2	123.82	2774	93.8130 ng/ml
Nordiazepam	5.882	3544126	1935.00	58.3	10964.87	119146	974.5136 ng/ml
Norfentanyl	4.044	1692870	64031.86	37.2	52960.15	601110	117.5384 ng/ml
Norhydrocodone	3.014	331137	2583.77	39.1	185.14	26734	1176.3550 ng/ml
Noroxycodone	2.845	2735624	4695.04	47.1	4812.89	90309	1024.9512 ng/ml
O-desmethyl-tramadol	3.323	23552804	175092.49	5.8	1390.97	1196125	1012.3080 ng/ml
Oxazepam	5.726	2566108	∞	75.9	4619.27	185238	865.4413 ng/ml
Oxycodone	2.769	9972268	105107.84	30.0	12010.33	447846	962.3699 ng/ml
Oxymorphone	1.356	3103411	∞	47.1	∞	113919	973.7962 ng/ml
Phentermine	3.723	1733884	27363.80	3.0	4175.29	272959	909.5638 ng/ml
Promethazine	5.515	850638	18423.99	31.2	7853.63	36525	1010.9781 ng/ml
Quetiapine	5.525	4040049	7199726.38	58.3	90281.34	49334	1039.6470 ng/ml
Sertraline	5.765	67000	769.16	93.3	22350.14	2977	956.1730 ng/ml
Temazepam	5.799	12411010	59114.69	29.1	51314.30	562915	1039.7691 ng/ml
Tramadol	4.197	17872095	4410.37	3.3	1415.19	988227	937.5846 ng/ml
Trazodone	5.093	4132815	6078.82	76.9	785.31	157795	1051.3012 ng/ml
Venlafaxine	5.001	13307779	35990.47	35.3	4040.06	657953	1021.6295 ng/ml
Zolpidem	4.858	22290339	392125.94	30.9	∞	1221232	906.9641 ng/ml