

REVIEWED

By Tamara Salazar at 9:00 am, Oct 14, 2021

10/7/2021

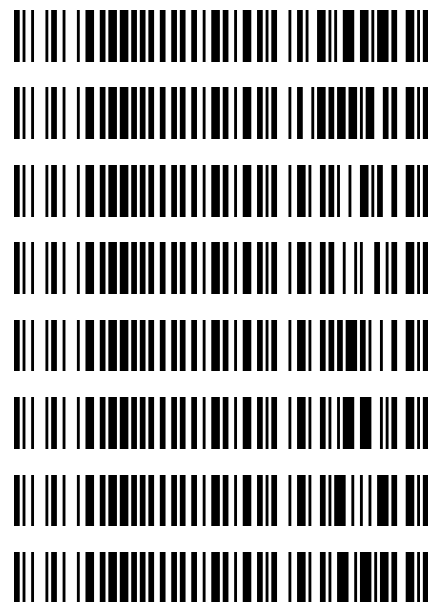
Worklist: 5280

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-3317	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4178	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4198	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4202	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-4252	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-3407	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3224	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3233	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3234	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3235	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3236	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3242	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3243	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3246	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3272	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3273	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3278	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3280	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3282	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3297	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3302	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 5280

SC

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2021-3303	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-3319	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-3341	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-3342	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-3345	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-3347	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-3348	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2021-3349	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 10/06/21
Plate lot#: IDP-121-210610

Analyst: Sarah Collins
Retest Date: 12/10/2021

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

Blank Blood Lot: Lampire 20L20724
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: #16**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250 µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300 µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right)
- 8. Wait 5 minutes.
- 9. Add **900 µL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 10-15 seconds. *(12-15 PSI- Selector to the left).*
- 12. Add **900 µL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(12-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Reconstitute in **100 µL 20% LCMS MeOH in water** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

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

COMMENTS: *Curves limited: 7-aminoclonazepam 5-500, Alpha-hydroxyalprazolam 5-250, Amphetamine 5-500, Buprenorphine 2.5-100, Codeine 5-500, Dihydrocodeine 5-500, Lamotrigine 5-250, Lorazepam 5-100 Norbuprenorphine 2.5-100*

*Morphine evaluated qualitatively in this batch due to accuracy out in QC 100.
Alprazolam-D5 used as alpha-hydroxyalprazolam ISTD and thus reported qualitatively*

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1			IS + Cal. 1	IS + QC_1		p2021-3236-1	p2021-3341-1	p2021-3242-1	p2021-3224-1	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2			IS + Cal. 2	IS + QC_2		p2021-3347-1	p2021-3297-1	p2020-3407-1	m2021-3317-3	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3			IS + Cal. 3	IS + QC_3		p2021-3345-2 blanks start	p2021-3319-1	p2021-3235-1	negative blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4			IS + Cal. 4	IS + QC_4		p2021-3342-1	p2021-3273-1	m2021-4252-3	IS + QC_2 urine	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2			IS + Cal. 5	IS + QC_2 urine		p2021-3349-1	p2021-3282-1	m2021-4198-2	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6				IS + Cal. 6		p2021-3280-1	p2021-3303-1	p2021-3243-1	m2021-4202-2	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7				IS + Cal. 7		p2021-3278-1	p2021-3348-1	p2021-3246-1	p2021-3233-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8				IS + Cal. 8		p2021-3272-1	p2021-3302-1	p2021-3234-1	m2021-4178-2	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

SC

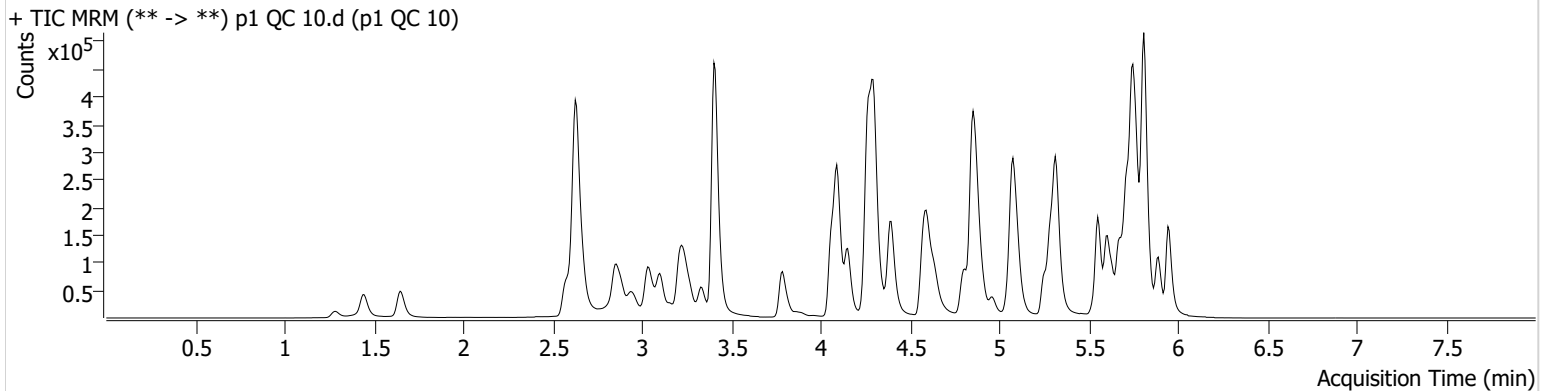


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-H11	Comment	
Injection Volume	2		
Acq. Date-Time	10/7/2021 1:11:57 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	2136	512.58	70.8	1878.34	35913	1.1035 ng/ml
7-aminoclonazepam	4.265	36819	60494.26	85.8	215487.09	174004	10.8253 ng/ml
a-hydroxyalprazolam	5.692	27701	262.49	62.0	371.26	209843	9.4205 ng/ml
alpha-PPH	4.964	18076	1129.28	275.2	2891.92	338142	10.6560 ng/ml
alpha-PVP	4.403	89021	235.55	50.3	216.69	338142	10.5551 ng/ml
Alprazolam	5.768	88889	312.59	107.8	∞	209843	10.6700 ng/ml
Amphetamine	3.103	115944	311.56	51.7	352.86	84182	10.7654 ng/ml
Benzoylecgonine	3.892	5022	205.07	8.9	307.91	14647	11.1112 ng/ml
Bupropion	4.816	60231	274.08	59.3	278.54	173565	10.7486 ng/ml
Carisoprodol	5.724	60352	266.14	49.9	136.78	273011	10.7383 ng/ml
Citalopram	5.253	35951	454.69	42.4	252.57	142713	11.1251 ng/ml
Clonazepam	5.605	122148	275.72	31.7	317.32	114061	11.2242 ng/ml
Clonazolam	5.549	53743	1931.75	38.3	55324.20	114061	10.9448 ng/ml
Cocaine	4.298	90285	440.82	47.6	17354.16	641599	10.2586 ng/ml
Codeine	2.627	11828	38.70	107.1	4654.75	48827	11.0176 ng/ml
Cyclobenzaprine	5.635	26435	1217.99	10.1	104.43	82748	11.1929 ng/ml
Dextromethorphan	5.302	18481	58.52	76.6	369.65	78086	11.3723 ng/ml
Dextrophan	4.152	18983	5714.98	196.2	512.65	213328	11.4888 ng/ml
Diazepam	5.953	59882	1998.98	86.2	923.88	250911	11.0581 ng/ml
Dihydrocodeine	2.606	32518	1616.81	61.1	8826.19	157404	11.1207 ng/ml
Diphenhydramine	5.323	69712	2045.80	32.5	142.01	504448	10.6589 ng/ml
Doxylamine	4.596	154412	866.35	98.9	1138.28	554177	10.8943 ng/ml
EDDP	5.288	48035	7936.77	43.2	190.12	248712	10.6881 ng/ml
Etizolam	5.813	43980	59774.72	28.7	1370.78	114061	11.5415 ng/ml
Fentanyl	5.116	2371	152.45	61.3	2436.01	111974	1.0561 ng/ml
Flualprazolam	5.698	25617	1016.35	103.8	2992.45	209843	11.1409 ng/ml
Fluoxetine	5.721	28701	987.87	8.8	1371.06	111046	10.8128 ng/ml
Hydrocodone	3.066	35107	111.32	37.7	104.75	192404	11.2574 ng/ml
Hydromorphone	1.654	33499	1754.60	74.4	617.38	97209	10.7244 ng/ml
Ketamine	4.072	86807	7148.33	39.0	170.27	350267	10.9738 ng/ml
Lamotrigine	4.307	8321	398.82	73.4	40.22	350267	11.1044 ng/ml
Levetiracetam	2.670	39084	1089.64	156.4	918.00	918386	10.9382 ng/ml
Lorazepam	5.747	112295	1356.72	52.5	232.81	114061	11.2552 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.243	86109	909.77	18.5	280.59	142004	11.0403 ng/ml
MDMA	3.337	63109	363.08	57.7	668.97	47996	10.6850 ng/ml
Meprobamate	4.917	26438	117390.49	25.5	224.26	105605	11.1559 ng/ml
Methadone	5.673	50752	275.30	45.0	132.44	184163	10.9769 ng/ml
Methamphetamine	3.271	53911	126.67	42.5	100.17	231391	11.2921 ng/ml
Metoprolol	4.360	13740	645.01	97.0	989.21	739707	10.5679 ng/ml
Mirtazapine	4.637	66494	469.38	45.0	1733.78	338142	12.0513 ng/ml
Mitragynine	5.244	9476	757.78	37.5	603.86	184163	11.7566 ng/ml
Morphine	1.294	5762	876.39	21.1	344.39	6943	11.1578 ng/ml
* Norbuprenorphine	5.026	104	94.80	64.9	4.40 Low	3018	1.3379 ng/ml
Nordiazepam	5.893	52333	463.48	59.3	411.54	140901	10.9298 ng/ml
Norfentanyl	4.120	14460	2552.51	38.6	130.11	564003	1.0329 ng/ml
Norhydrocodone	3.107	2723	220.67	42.0	29.60	22644	10.1454 ng/ml
Noroxycodone	2.957	38272	678.07	43.6	174.10	103307	10.7237 ng/ml
O-desmethyl-tramadol	3.409	199851	5399.67	6.3	1208.65	1051853	10.6523 ng/ml
Oxazepam	5.749	108999	219.26	76.1	1052.12	476205	10.4621 ng/ml
Oxycodone	2.881	85611	763.28	29.0	1442.76	305801	10.5223 ng/ml
Oxymorphone	1.445	35265	1093.33	43.4	129.97	94447	11.2193 ng/ml
Phentermine	3.824	21938	396.07	2.7	27.82	234446	10.9739 ng/ml
Promethazine	5.560	55313	4411.72	29.4	364.19	231611	10.4770 ng/ml
Pseudoephedrine	2.637	203500	354.65	14.4	1880.69	918386	10.5730 ng/ml
Quetiapine	5.541	44501	189.97	60.3	39923.29	53151	10.9432 ng/ml
Sertraline	5.796	18103	199.79	92.7	258.35	66671	10.8626 ng/ml
Temazepam	5.816	168948	920.11	31.3	123.97	819025	10.4881 ng/ml
Tramadol	4.279	169555	764.89	3.6	97.86	739707	10.8912 ng/ml
Trazodone	5.094	43793	337.45	79.0	3573.73	148812	10.7627 ng/ml
Venlafaxine	5.077	104450	2524.48	38.5	357.47	518706	10.8172 ng/ml
Zolpidem	4.874	202109	3793.66	30.6	1422.49	899313	10.7739 ng/ml

*Outside curve range

SC

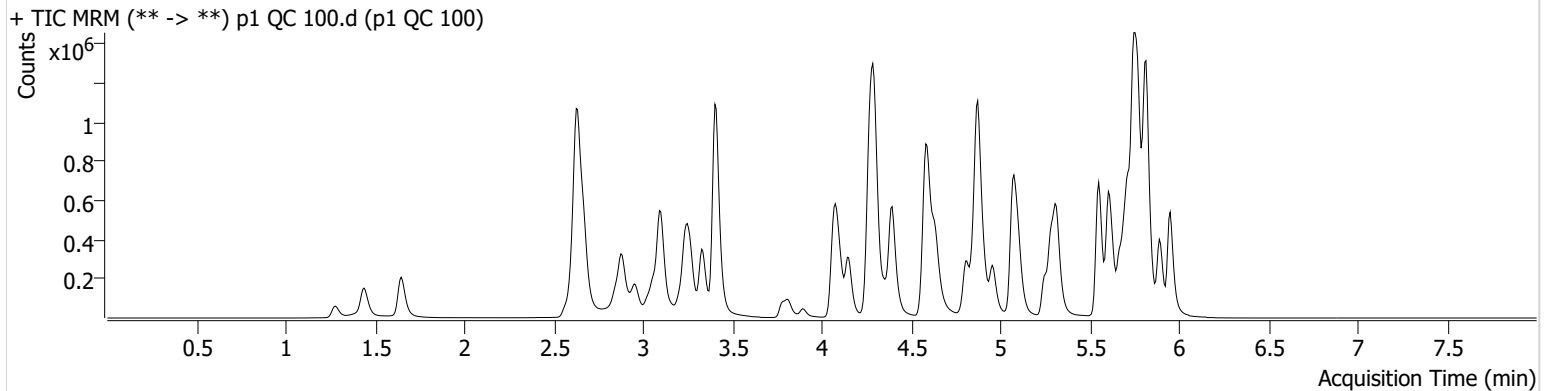


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument Falco (069901) **Data File** p1 QC 100.d
Type QC **Sample** p1 QC 100
Acq. Method AM 28 MDQ P1.m **Operator** Sarah Collins
Sample Position P2-G11 **Comment**
Injection Volume 2
Acq. Date-Time 10/7/2021 9:09:12 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	19615	483.01	70.1	697.93	34617	11.1146 ng/ml
7-aminoclonazepam	4.265	323428	23825.52	83.4	623.70	162684	115.3510 ng/ml
a-hydroxyalprazolam	5.692	206372	4600.89	59.6	2019.40	176586	115.5830 ng/ml
alpha-PHP	4.957	158056	316.77	272.0	1934.19	308691	108.6208 ng/ml
alpha-PVP	4.397	796046	45868.19	50.3	26235.35	308691	109.1906 ng/ml
Alprazolam	5.768	749691	2501.30	107.0	∞	176586	114.6889 ng/ml
Amphetamine	3.103	1016257	11828.76	50.3	958.31	78020	113.7517 ng/ml
Benzoylcegonine	3.892	52961	362.46	7.7	455.69	14095	128.0794 ng/ml
Buprenorphine	5.717	5793	358.10	14.2	957.63	19124	11.3586 ng/ml
Bupropion	4.815	447786	9086.08	58.3	270.27	131626	111.8161 ng/ml
Carisoprodol	5.724	462722	32664.94	51.2	346.48	215395	109.6951 ng/ml
Citalopram	5.253	255293	4724.24	44.8	149.56	107739	110.3524 ng/ml
Clonazepam	5.605	1021995	44749.84	32.1	305926.44	98004	119.0455 ng/ml
Clonazepam	5.549	464166	31086.10	38.3	171483.12	98004	118.7435 ng/ml
Cocaine	4.291	826560	40530.40	47.0	39900.44	586384	110.0384 ng/ml
Codeine	2.627	100634	3414.16	105.9	537467.69	44843	114.6549 ng/ml
Cyclobenzaprine	5.635	157135	7663.36	10.0	49767.50	53661	105.9181 ng/ml
Dextromethorphan	5.295	125540	6492.91	79.8	5353.85	54324	115.0631 ng/ml
Dextrophan	4.152	162480	1342.28	210.7	10132400.2	194096	115.0090 ng/ml
Diazepam	5.953	521833	819.91	88.7	645.28	227274	115.1391 ng/ml
Dihydrocodeine	2.599	295552	413.47	62.4	14183.29	152217	117.5060 ng/ml
Diphenhydramine	5.316	513459	242702.37	33.0	171.95	377299	110.7631 ng/ml
Doxylamine	4.590	1424961	9351.43	99.7	66277.83	533595	109.0327 ng/ml
EDDP	5.288	421314	23677.48	42.5	6277.28	225737	108.6980 ng/ml
Etizolam	5.813	387385	4807.59	27.9	198324.91	98004	105.4635 ng/ml
Fentanyl	5.116	14368	926.78	66.1	19156.59	70682	10.6448 ng/ml
Flualprazolam	5.698	204909	7385.77	112.3	8871.32	176586	113.9790 ng/ml
Fluoxetine	5.721	163286	188.77	8.9	21742.51	64032	106.5433 ng/ml
Hydrocodone	3.059	324477	315.82	38.2	∞	189130	117.3857 ng/ml
Hydromorphone	1.648	322742	3021.28	74.4	1842799.68	95008	112.0770 ng/ml
Ketamine	4.072	791664	56484.26	40.9	529.53	334319	114.6946 ng/ml
Lamotrigine	4.307	74862	557.31	81.3	164693.17	334319	116.3775 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.670	350049	9986.91	155.2	217.36	833288	121.1568 ng/ml
Lorazepam	5.747	698990	33770.99	52.6	2020.69	98004	95.6013 ng/ml
MDA	3.243	718936	11151.86	17.9	1932.41	126646	115.3414 ng/ml
MDMA	3.330	563194	4551.22	58.1	2347.75	43630	112.2533 ng/ml
Meprobamate	4.917	213010	842.23	24.8	172.97	89597	116.4500 ng/ml
Methadone	5.666	337029	25766.87	47.2	287.16	132307	107.4486 ng/ml
Methamphetamine	3.264	445954	1053.55	42.2	415.84	217447	118.7285 ng/ml
Metoprolol	4.353	129019	2528.70	93.2	66353.81	706078	111.8475 ng/ml
Mirtazapine	4.637	496844	13305.49	45.0	3069.42	308691	105.2864 ng/ml
Mitragynine	5.237	58347	127555.65	41.7	37067.75	132307	106.9257 ng/ml
Morphine	1.281	54881	8746.00	19.6	76.34	6451	122.0656 ng/ml
Norbuprenorphine	5.026	679	1658.13	70.4	172.24	2270	11.9325 ng/ml
Nordiazepam	5.893	457103	7279.96	59.8	364.85	125124	116.4173 ng/ml
Norfentanyl	4.113	140894	151.93	36.9	567.59	531247	10.9689 ng/ml
Norhydrocodone	3.107	23519	188.41	43.7	33.90	18730	111.5727 ng/ml
Noroxycodone	2.957	333847	2542.03	43.3	1076.31	92890	112.6784 ng/ml
O-desmethyl-tramadol	3.409	1871760	91758.59	6.2	17904.04	1006315	108.4247 ng/ml
Oxazepam	5.749	786091	11561.12	74.8	21396.33	341344	115.3152 ng/ml
Oxycodone	2.881	798534	6514.01	28.8	2736.00	292655	112.1589 ng/ml
Oxymorphone	1.438	306400	545.95	43.8	347.72	89394	111.8925 ng/ml
Phentermine	3.817	190753	143.98	2.6	30.17	213648	116.6564 ng/ml
Promethazine	5.552	357800	1387.20	27.6	6382.41	149765	110.3306 ng/ml
Pseudoephedrine	2.637	1839286	2825.16	14.2	78642.54	833288	108.2044 ng/ml
Quetiapine	5.541	352212	455.49	59.3	280296.48	44825	111.1507 ng/ml
Sertraline	5.789	103185	5901.18	95.6	9269.36	39295	111.1064 ng/ml
Temazepam	5.816	1358610	18577.43	30.2	1665.89	663689	110.5135 ng/ml
Tramadol	4.273	1534889	811.50	3.4	709.53	706078	110.7075 ng/ml
Trazodone	5.102	322615	609637.46	78.7	500883.90	108168	118.0709 ng/ml
Venlafaxine	5.077	956769	650538.34	37.9	479.64	482045	111.3682 ng/ml
Zolpidem	4.874	1906028	444403.55	30.7	694818.57	874667	113.1631 ng/ml

SC

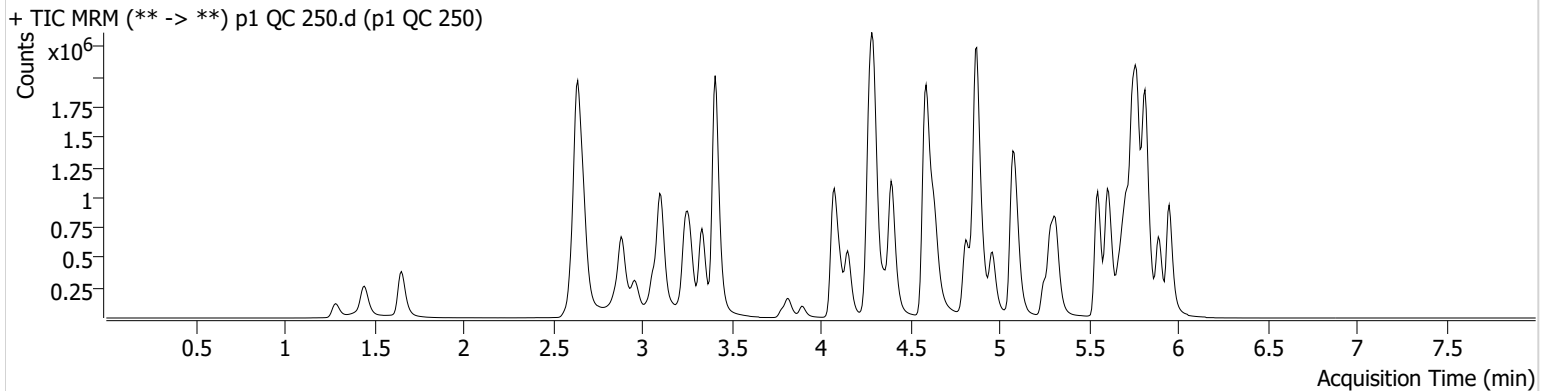


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-F11	Comment	
Injection Volume	2		
Acq. Date-Time	10/7/2021 1:33:10 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	46237	641.78	71.2	4234.45	33993	26.7778 ng/ml
7-aminoclonazepam	4.265	652371	18175.22	84.7	22330.17	148615	256.6578 ng/ml
a-hydroxyalprazolam	5.685	321520	389.90	61.4	1935.23	143887	224.7351 ng/ml
alpha-PHP	4.964	345727	9889.32	269.4	7414.06	285217	258.1924 ng/ml
alpha-PVP	4.397	1812290	77640.49	49.9	9503.71	285217	270.0089 ng/ml
Alprazolam	5.775	1457285	17015.35	109.2	3675.17	143887	274.7929 ng/ml
Amphetamine	3.110	1998233	737.73	50.6	16373.34	67403	260.6970 ng/ml
Benzoylecgonine	3.899	115191	359.94	7.4	4463.63	13793	285.4545 ng/ml
Buprenorphine	5.711	7833	173.32	12.8	2791.55	11289	26.7456 ng/ml
Bupropion	4.815	1049474	53520.48	58.5	7578.72	127110	272.4194 ng/ml
Carisoprodol	5.724	817824	1162366.84	50.4	7890.63	150592	278.2418 ng/ml
Citalopram	5.253	428434	236.55	43.3	1110643.66	72344	276.8172 ng/ml
Clonazepam	5.605	1931455	65066.94	32.2	20253.33	78701	281.6741 ng/ml
Clonazepam	5.549	901291	808138.98	39.6	371897.80	78701	288.4880 ng/ml
Cocaine	4.298	1840738	82434.08	46.8	1865.20	532219	271.1669 ng/ml
Codeine	2.627	193331	3999.95	105.4	387072.41	40392	246.2618 ng/ml
Cyclobenzaprine	5.635	186181	7263.56	9.8	942.87	25096	268.9697 ng/ml
Dextromethorphan	5.302	186289	13008.44	78.9	311.99	34300	271.0405 ng/ml
Dextrophan	4.152	355196	558383.64	207.0	2393.04	171202	286.2593 ng/ml
Diazepam	5.953	1079290	28304.23	87.7	499.06	193359	281.3604 ng/ml
Dihydrocodeine	2.606	640090	13932.91	62.8	7388.22	149411	261.1328 ng/ml
Diphenhydramine	5.323	866721	26350.55	33.0	11934.03	253777	278.9620 ng/ml
Doxylamine	4.590	3375974	65517.72	99.4	89980.44	506098	273.1577 ng/ml
EDDP	5.288	908750	32345.07	42.7	5140.06	193314	274.7260 ng/ml
Etizolam	5.813	773129	42396.82	27.6	20649.42	78701	260.0410 ng/ml
Fentanyl	5.116	18510	157.65	62.8	42212.59	35869	27.1139 ng/ml
Flualprazolam	5.698	405033	6191.53	112.1	103686.67	143887	277.8531 ng/ml
Fluoxetine	5.727	144645	46871.19	9.0	23707.03	22291	271.0822 ng/ml
Hydrocodone	3.066	680078	5560.98	39.4	1846.74	174663	268.1537 ng/ml
Hydromorphone	1.654	688672	974.09	74.1	8706.42	82753	275.6098 ng/ml
Ketamine	4.079	1832136	2894213.84	40.9	1145.66	321335	277.7808 ng/ml
Lamotrigine	4.314	149586	2085.81	83.3	91780.70	321335	243.4352 ng/ml
Levetiracetam	2.676	645213	5079.08	156.2	15896.44	746554	250.8332 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.740	937888	13545.61	51.0	809.36	78701	161.2485 ng/ml
MDA	3.243	1460417	10100.82	17.5	2891.44	108656	275.0543 ng/ml
MDMA	3.337	1257183	121772.21	57.7	1113.84	41152	266.8094 ng/ml
Meprobamate	4.917	401734	13649.45	25.2	3186.08	71111	278.4154 ng/ml
Methadone	5.673	499842	2354.79	48.0	∞	79494	266.2914 ng/ml
Methamphetamine	3.271	830056	8268.49	42.8	7825.71	175355	277.2769 ng/ml
Metoprolol	4.360	290102	49386.87	92.3	25736.41	655222	272.2822 ng/ml
Mirtazapine	4.637	905002	6510.07	45.1	988.07	285217	208.4617 ng/ml
Mitragynine	5.244	82756	126697.00	40.6	43337.99	79494	253.5212 ng/ml
Morphine	1.287	118589	2365.77	19.9	247.12	5993	285.0336 ng/ml
Norbuprenorphine	5.026	959	152.46	78.9	2741.68	1522	25.1776 ng/ml
Nordiazepam	5.893	887425	5589.24	60.0	1140.56	102824	276.4037 ng/ml
Norfentanyl	4.120	325809	592.65	37.8	3539.29	494754	27.2809 ng/ml
Norhydrocodone	3.113	47340	106.82	42.8	89.14	14755	285.9976 ng/ml
Noroxycodone	2.957	651895	3222.95	43.5	8172.53	75870	270.7626 ng/ml
O-desmethyl-tramadol	3.409	4354457	162712.46	6.2	12489.58	934457	272.3450 ng/ml
Oxazepam	5.749	1188627	12222.91	75.0	8015.94	215774	277.3815 ng/ml
Oxycodone	2.881	1824372	10462.22	28.7	1420.90	276591	272.6822 ng/ml
Oxymorphone	1.445	638236	∞	43.3	∞	73413	285.4838 ng/ml
Phentermine	3.824	399064	989.87	2.6	73.73	189217	277.4670 ng/ml
Promethazine	5.560	413091	1899.29	28.1	1837.13	71055	269.3633 ng/ml
Pseudoephedrine	2.643	4092480	67975.78	14.0	676.23	746554	269.2074 ng/ml
Quetiapine	5.541	640044	40056.58	59.1	29285.84	32952	276.2428 ng/ml
Sertraline	5.796	88253	369.67	98.1	170.10	13447	278.7356 ng/ml
Temazepam	5.816	2379044	32726.88	30.6	8789.55	478030	269.7101 ng/ml
Tramadol	4.279	3450923	∞	3.3	306.56	655222	269.4693 ng/ml
Trazodone	5.094	554076	660489.43	78.1	357.45	77234	285.3808 ng/ml
Venlafaxine	5.077	2165614	49378.35	38.4	12416.06	453079	268.9481 ng/ml
Zolpidem	4.874	4442742	427855.63	30.1	6872.59	835499	277.5762 ng/ml

*Outside curve range

SC

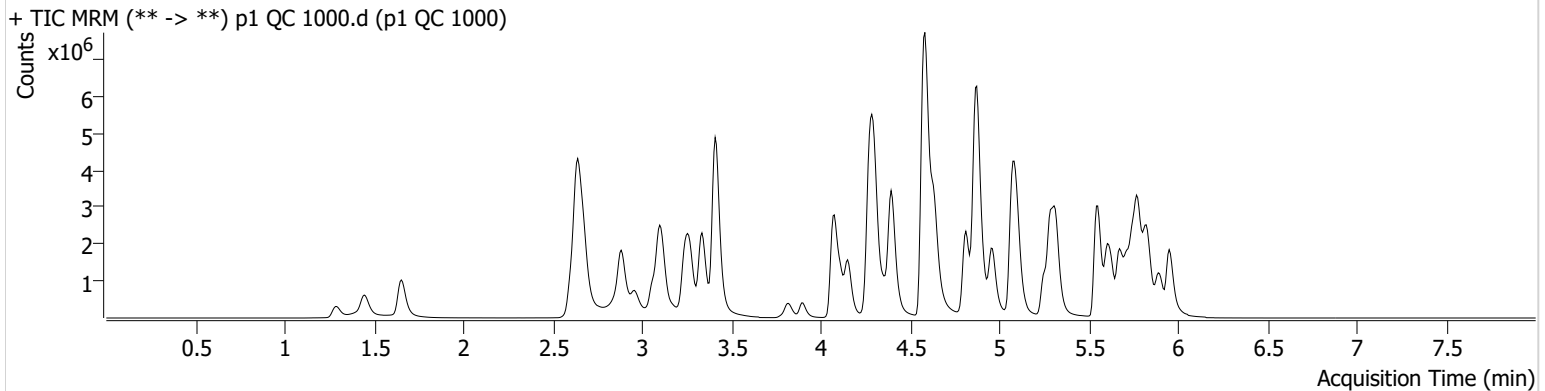


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument Falco (069901) **Data File** p1 QC 1000.d
Type QC **Sample** p1 QC 1000
Acq. Method AM 28 MDQ P1.m **Operator** Sarah Collins
Sample Position P2-E11 **Comment**
Injection Volume 2
Acq. Date-Time 10/7/2021 1:54:23 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	157861	2888.74	72.6	2090.61	27758	112.1846 ng/ml
* 7-aminoclonazepam	4.258	1372600	13591.20	83.0	14712.62	110791	727.3331 ng/ml
* a-hydroxyalprazolam	5.685	456152	148.07	61.0	468.04	86568	535.5141 ng/ml
alpha-PHP	4.964	1272217	57986.20	272.7	152894.81	229792	1181.9937 ng/ml
alpha-PVP	4.397	6157891	149225.83	49.1	271172.70	229792	1140.8589 ng/ml
Alprazolam	5.775	3242648	∞	110.4	∞	86568	1018.6183 ng/ml
* Amphetamine	3.103	5368574	88100.99	51.0	32274.66	58810	805.6774 ng/ml
Benzoylcegonine	3.899	514135	53766.29	7.6	7113.63	12760	1379.6170 ng/ml
Buprenorphine	5.711	21841	17224.08	12.6	5442.73	7814	109.4613 ng/ml
Bupropion	4.815	4004340	206416.43	58.2	20794.02	122407	1081.5404 ng/ml
Carisoprodol	5.724	1452284	2383999.39	49.2	20600.96	65842	1131.9756 ng/ml
Citalopram	5.253	1830730	62190.07	42.7	785554.41	75288	1138.7175 ng/ml
Clonazepam	5.612	3926381	41003.17	31.7	43671.07	43729	1033.5137 ng/ml
Clonazepam	5.555	1744524	16995.41	39.6	541.76	43729	1007.3645 ng/ml
Cocaine	4.298	5364100	905404.81	46.7	727104.45	377541	1116.4643 ng/ml
* Codeine	2.627	434987	5220.31	102.9	208.06	28542	787.4568 ng/ml
Cyclobenzaprine	5.635	716582	722.17	9.8	4557.11	23912	1087.6961 ng/ml
Dextromethorphan	5.295	663336	17274.50	79.4	698.01	30218	1096.9067 ng/ml
Dextrophan	4.152	1147298	13825.95	211.2	4138.66	137772	1151.4663 ng/ml
Diazepam	5.953	2629622	∞	88.1	25915.08	124868	1064.3422 ng/ml
* Dihydrocodeine	2.599	1723682	25587.83	63.2	778.10	134034	786.9697 ng/ml
Diphenhydramine	5.323	3550085	468775.39	32.7	16325.25	259470	1119.5230 ng/ml
Doxylamine	4.583	13787934	39599.58	98.4	8686.38	491817	1149.7301 ng/ml
EDDP	5.288	4142384	260719.52	41.5	43230.85	211811	1144.9074 ng/ml
Etizolam	5.813	1904315	4193.88	27.6	543354.89	43729	1147.9981 ng/ml
Fentanyl	5.116	66947	6746.18	67.9	7497.17	29870	117.9609 ng/ml
Flualprazolam	5.698	825097	24392.33	115.9	118774.52	86568	943.0537 ng/ml
Fluoxetine	5.727	376849	28561.14	9.2	102561.73	14514	1084.6898 ng/ml
Hydrocodone	3.059	2096002	6514.08	38.1	∞	146438	989.4144 ng/ml
Hydromorphone	1.654	2116035	13941410.62	74.1	5287599.57	63137	1112.1186 ng/ml
Ketamine	4.079	5873637	202237.05	40.3	36497.31	273483	1049.5375 ng/ml
* Lamotrigine	4.314	336451	2458.89	81.6	3094.08	273483	645.6238 ng/ml
Levetiracetam	2.676	1635461	372.38	155.3	19557.81	468510	1017.6462 ng/ml

p1 QC 1000 *Outside curve range

Generated at 9:52 AM on 10/12/2021

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.740	954337	26146.05	52.2	3014.33	43729	297.1700 ng/ml
MDA	3.243	3817832	53193.91	16.6	12233.43	82299	952.8373 ng/ml
MDMA	3.337	4258914	11928.75	57.5	4219.66	34339	1085.7478 ng/ml
Meprobamate	4.917	851827	20021.17	24.5	10409.84	37768	1115.2225 ng/ml
Methadone	5.666	2132066	28601.15	46.0	524.03	83741	1080.4657 ng/ml
Methamphetamine	3.271	2651918	15848.35	42.3	9848.78	155870	1003.0250 ng/ml
Metoprolol	4.360	841795	15088.38	92.1	21944.61	473739	1095.4512 ng/ml
Mirtazapine	4.637	4023253	162025.75	44.1	14144.12	229792	1154.4388 ng/ml
Mitragynine	5.237	303681	203952.32	40.7	102495.06	83741	885.1594 ng/ml
Morphine	1.294	356286	690.81	19.4	41121.06	4766	1079.0014 ng/ml
Norbuprenorphine	5.026	3375	1835.07	88.1	97.62	1387	97.3523 ng/ml
Nordiazepam	5.900	1879329	51920.50	60.5	3780.50	57294	1053.3423 ng/ml
Norfentanyl	4.120	1193129	87413.38	37.3	1266.65	396036	124.9151 ng/ml
Norhydrocodone	3.107	172992	368.57	41.9	417.60	11928	1294.9184 ng/ml
Noroxycodone	2.957	1574798	2839.09	43.9	411.33	47987	1036.9471 ng/ml
O-desmethyl-tramadol	3.409	13245269	1175631.45	5.9	∞	676596	1145.6400 ng/ml
Oxazepam	5.749	1176565	∞	75.4	16654.01	60578	980.7905 ng/ml
Oxycodone	2.881	5739348	1289.95	28.3	3246.26	229301	1037.8245 ng/ml
Oxymorphone	1.445	1761538	∞	43.6	∞	51836	1119.0853 ng/ml
Phentermine	3.824	1185356	291.55	2.5	638.56	166691	938.8675 ng/ml
Promethazine	5.560	1553594	5467.71	28.4	2648.05	64061	1125.5862 ng/ml
Pseudoephedrine	2.643	11183137	69577.91	13.4	157763.39	468510	1173.2932 ng/ml
Quetiapine	5.541	2996860	188840.85	59.6	1593.09	40727	1049.3398 ng/ml
Sertraline	5.789	199322	7592.84	95.9	67555.21	7793	1088.2834 ng/ml
Temazepam	5.830	3737930	59776.39	30.0	9833.45	182258	1113.7078 ng/ml
Tramadol	4.273	9857802	388.32	3.2	819.63	473739	1067.2239 ng/ml
Trazodone	5.101	2572545	105155.47	78.2	4018197.66	96654	1061.4608 ng/ml
Venlafaxine	5.077	7715368	116917.52	36.4	566.23	377171	1152.7714 ng/ml
Zolpidem	4.874	14372527	300160.34	29.2	530768.02	712871	1055.2364 ng/ml

*Outside curve range

SC

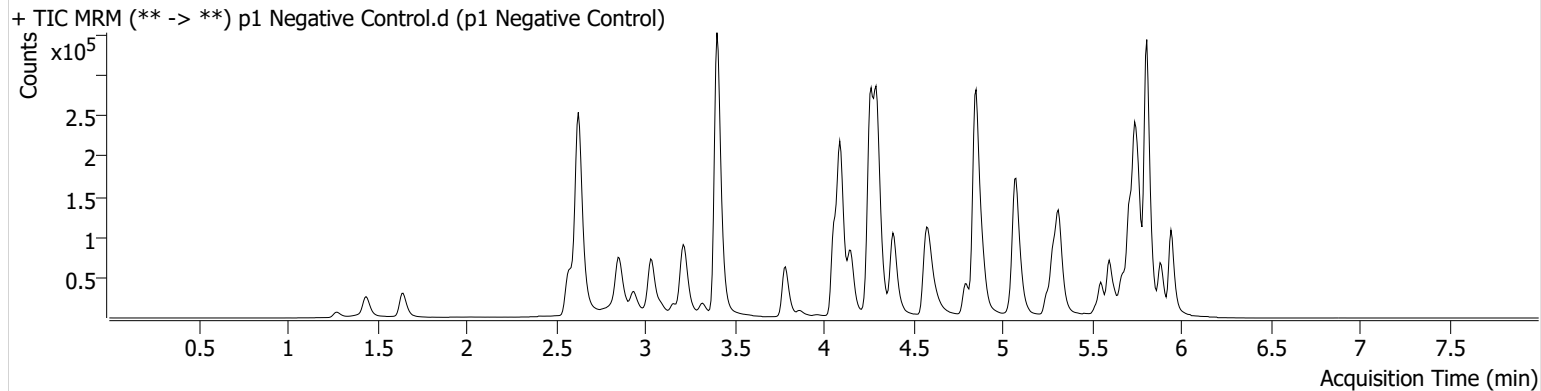


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument Type	Falco (069901) Sample	Data File	p1 Negative Control.d
Acq. Method	AM 28 MDQ P1.m	Sample	p1 Negative Control
Sample Position	P2-C11	Operator	Sarah Collins
Injection Volume	2	Comment	
Acq. Date-Time	10/7/2021 2:26:15 AM		
Sample Info.			

Sample Chromatogram



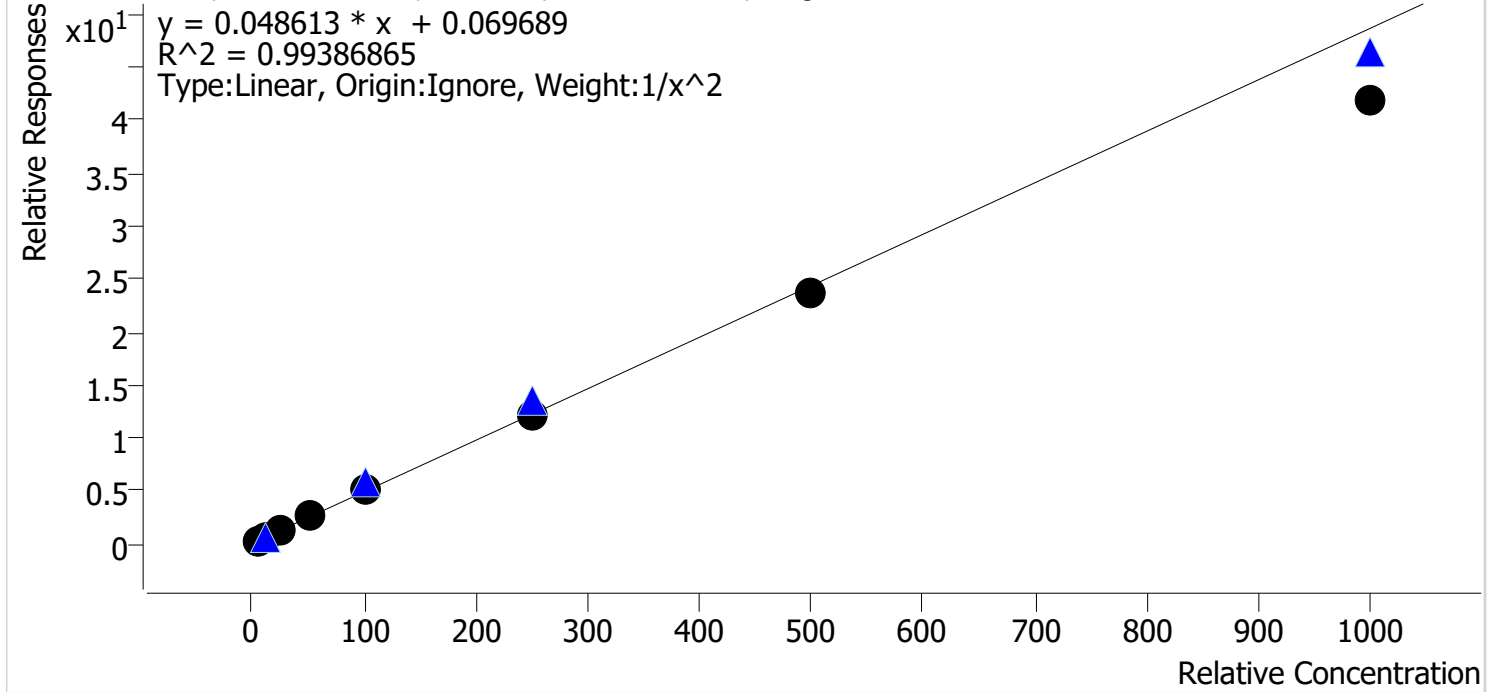
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	483.1	96.6
p1 Cal 8-1000ng	8	✓	1000.0	862.6	86.3

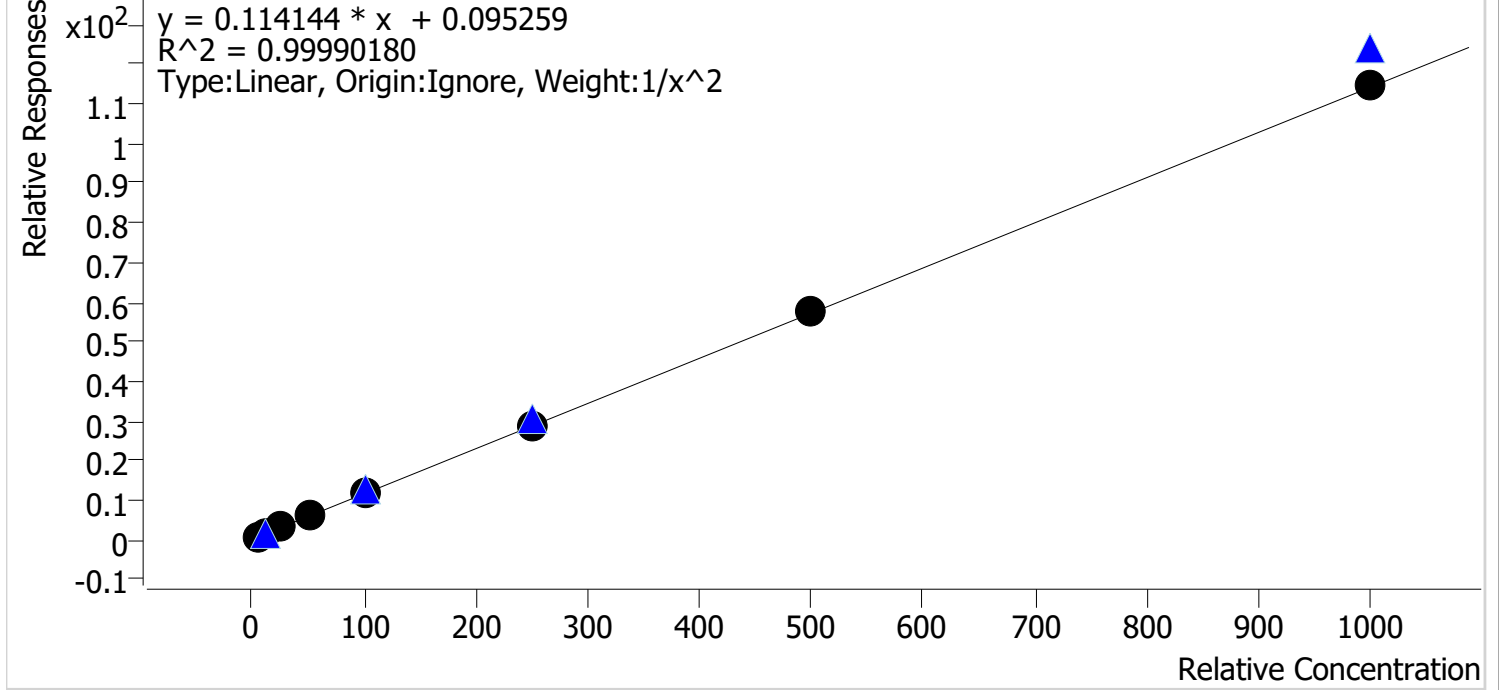
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
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	99.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	506.2	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1001.7	100.2

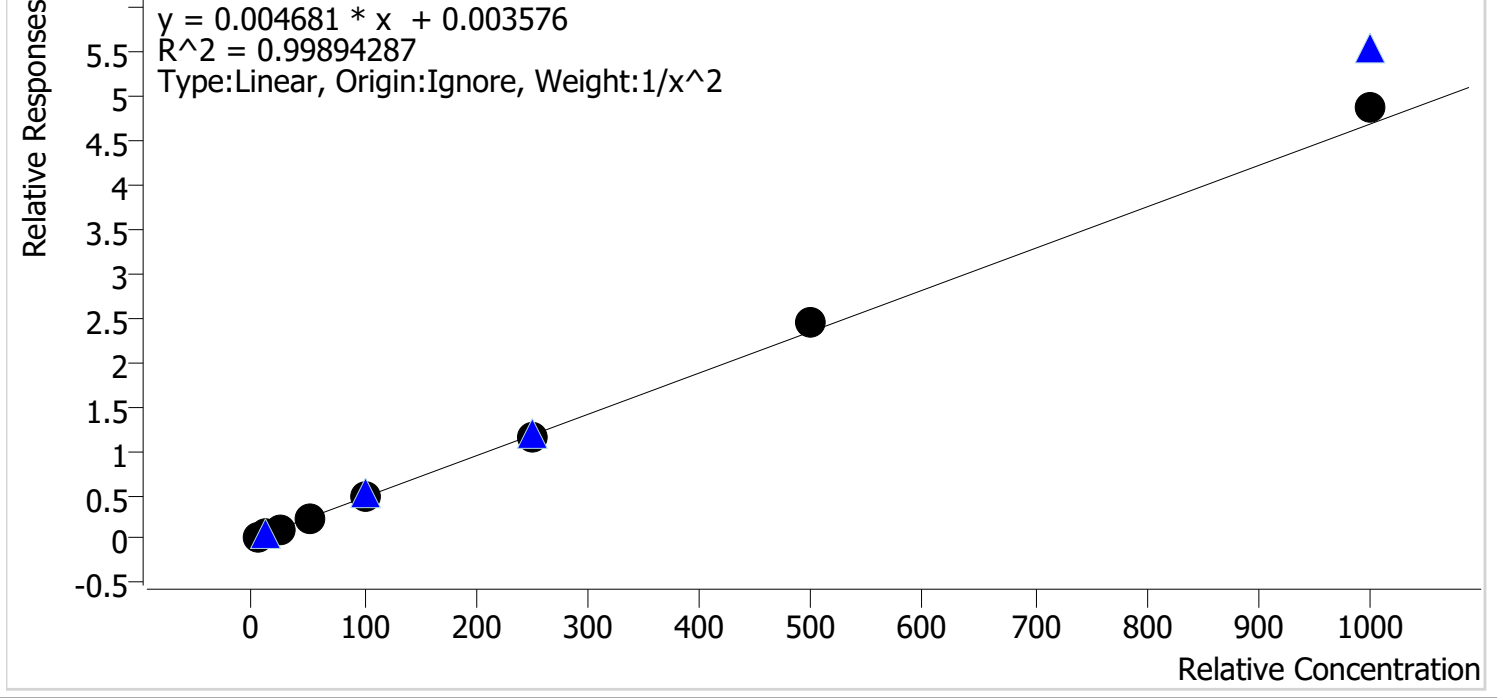
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

alpha-PHP - 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	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	244.5	97.8
p1 Cal 7-500ng	7	✓	500.0	520.3	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1037.5	103.8

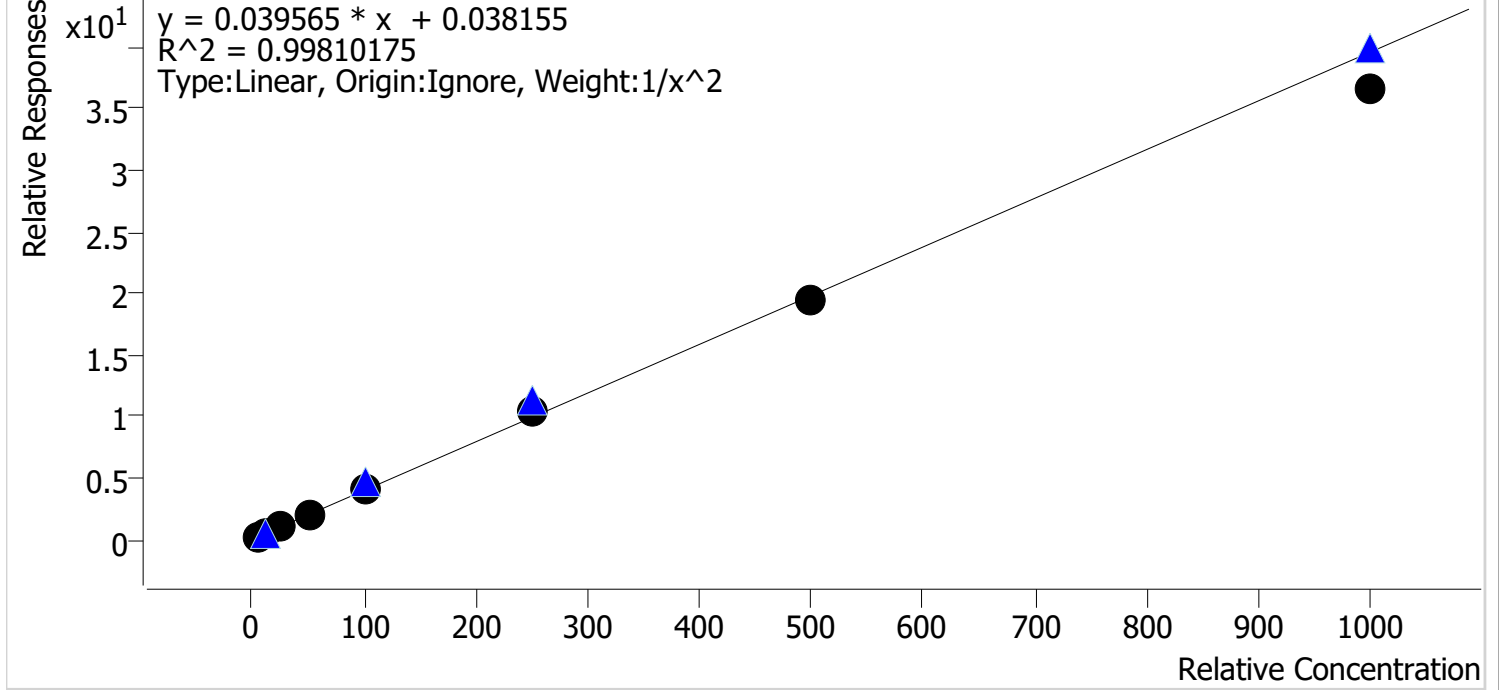
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

Clonazolam - 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	99.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	263.1	105.3
p1 Cal 7-500ng	7	✓	500.0	491.6	98.3
p1 Cal 8-1000ng	8	✓	1000.0	927.1	92.7

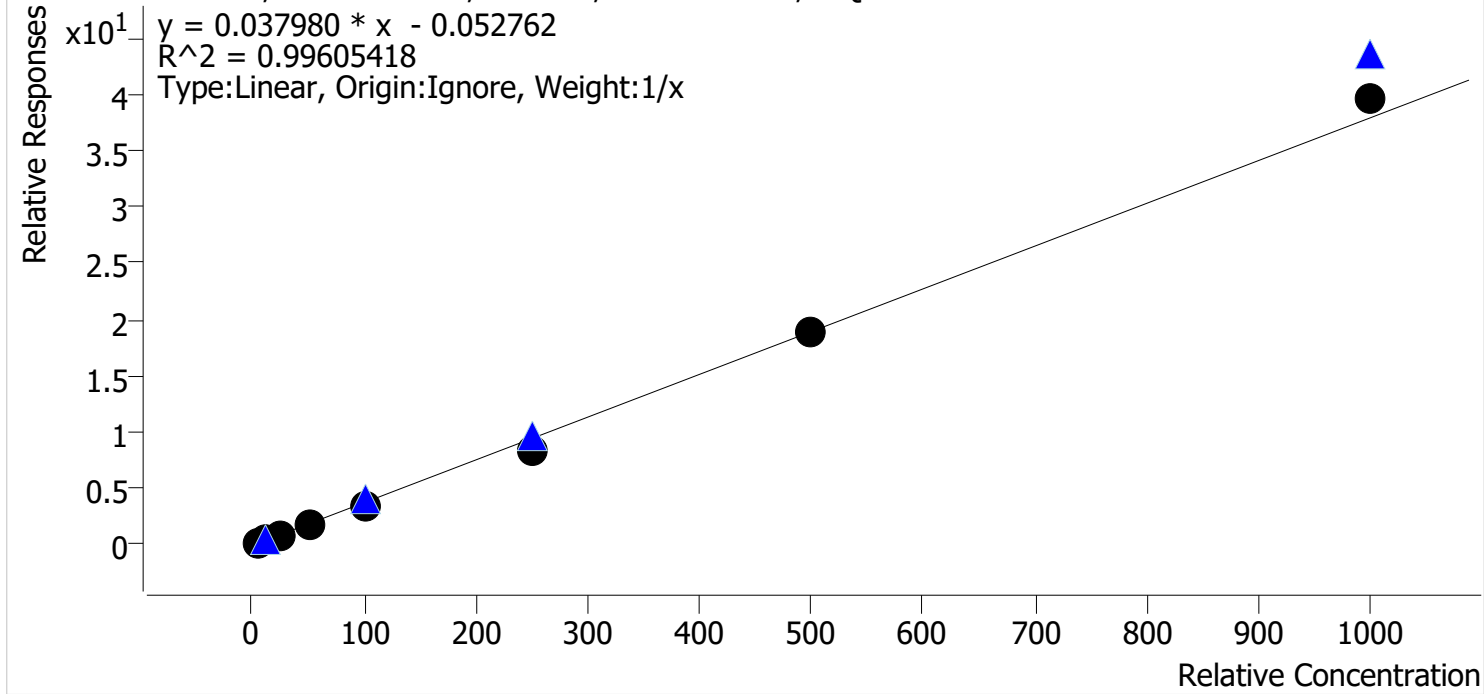
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



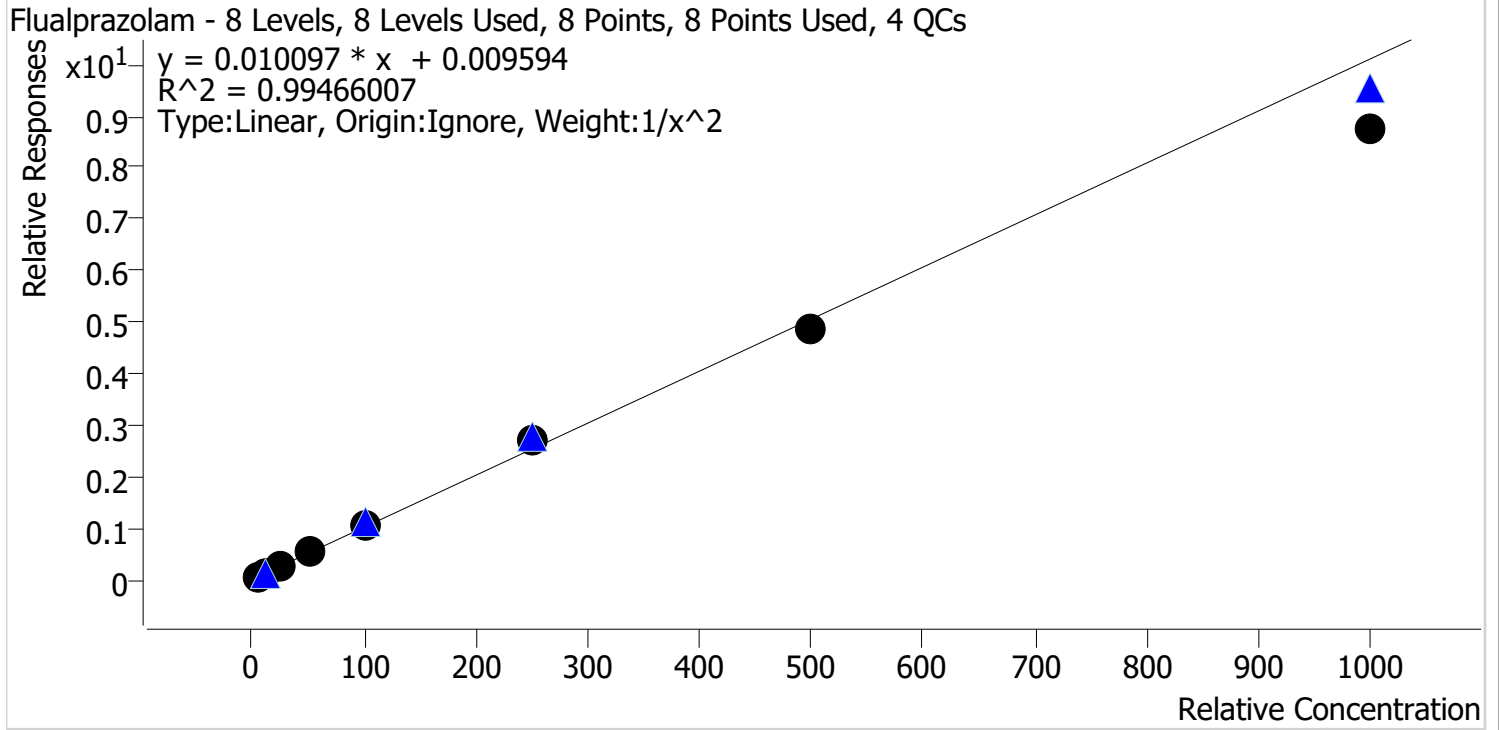
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.2	124.3
p1 Cal 2-10ng	2	✓	10.0	10.8	107.6
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	45.0	90.0
p1 Cal 5-100ng	5	✓	100.0	90.5	90.5
p1 Cal 6-250ng	6	✓	250.0	222.0	88.8
p1 Cal 7-500ng	7	✓	500.0	496.7	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1045.1	104.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	264.4	105.8
p1 Cal 7-500ng	7	✓	500.0	484.3	96.9
p1 Cal 8-1000ng	8	✓	1000.0	864.9	86.5

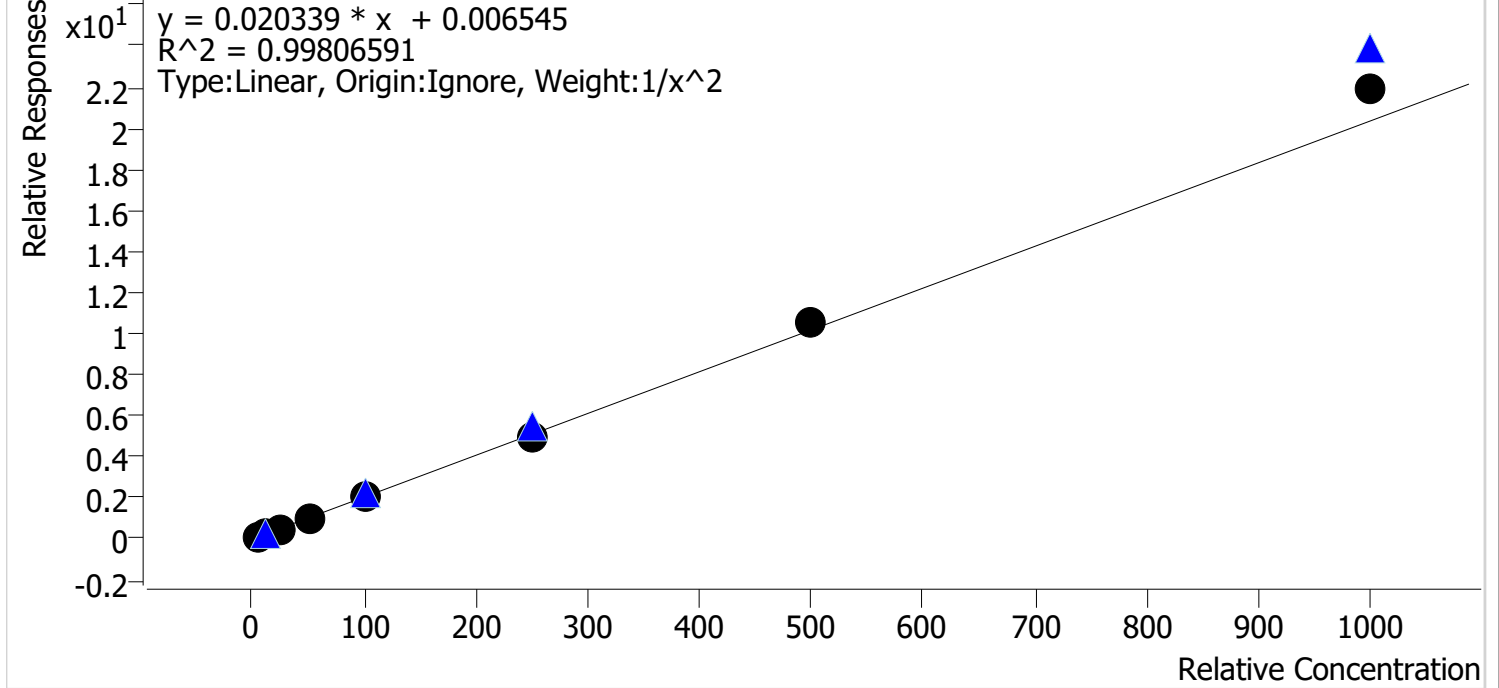
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

Pseudoephedrine - 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	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	515.8	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1072.9	107.3

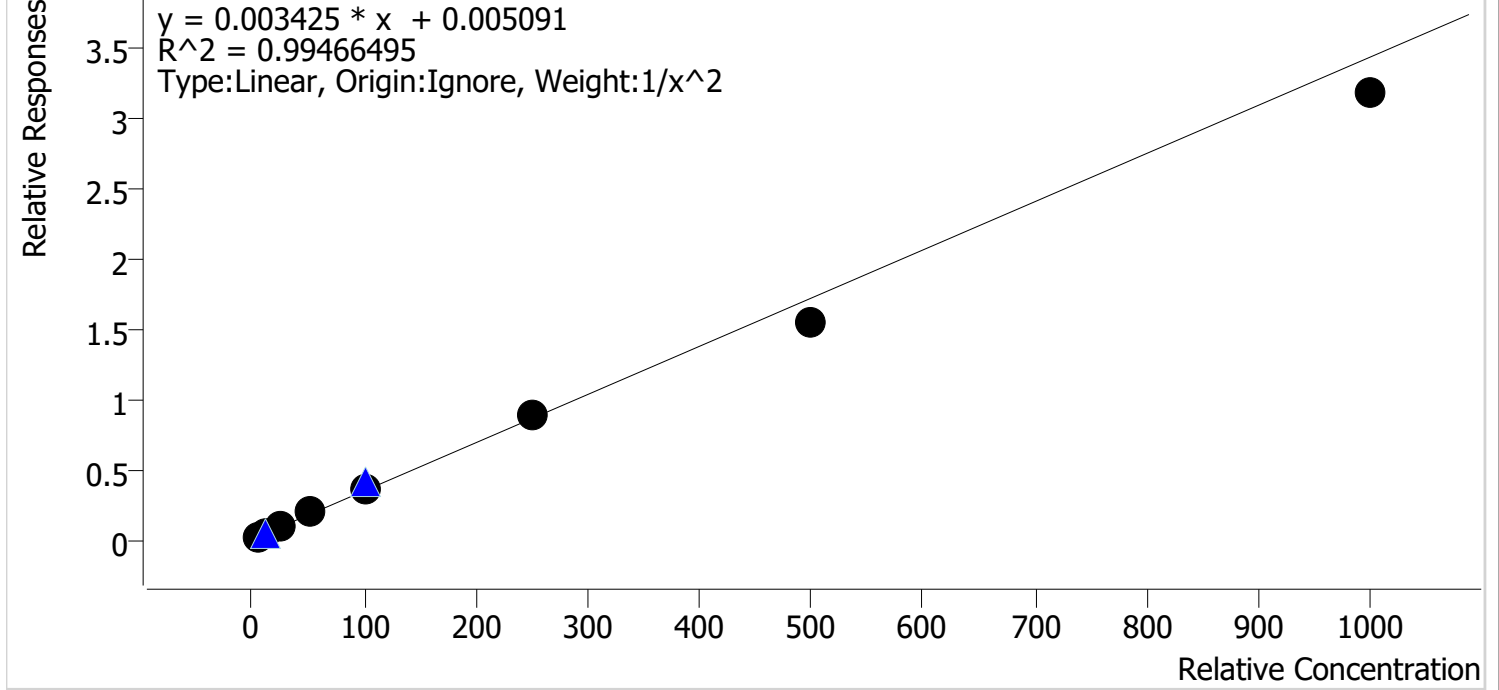
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

Levetiracetam - 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	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	447.0	89.4
p1 Cal 8-1000ng	8	✓	1000.0	928.6	92.9

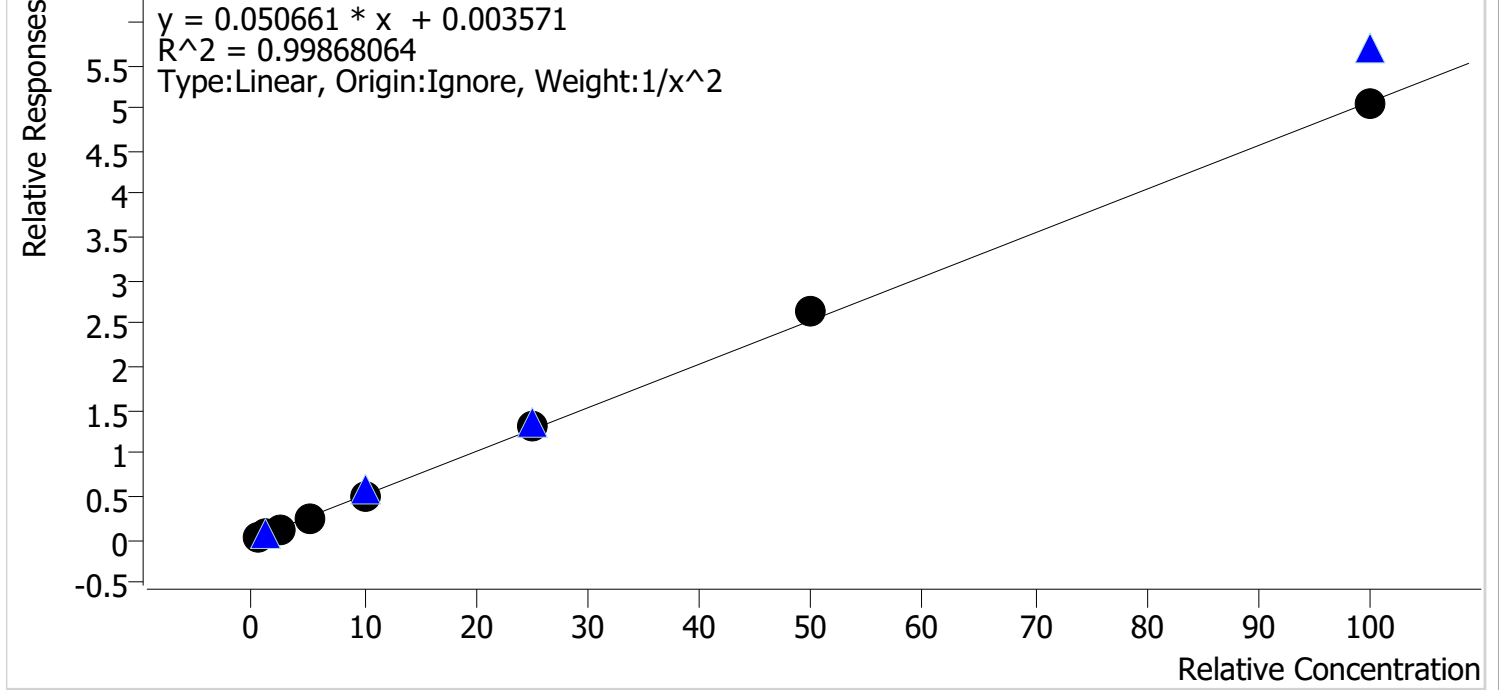
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



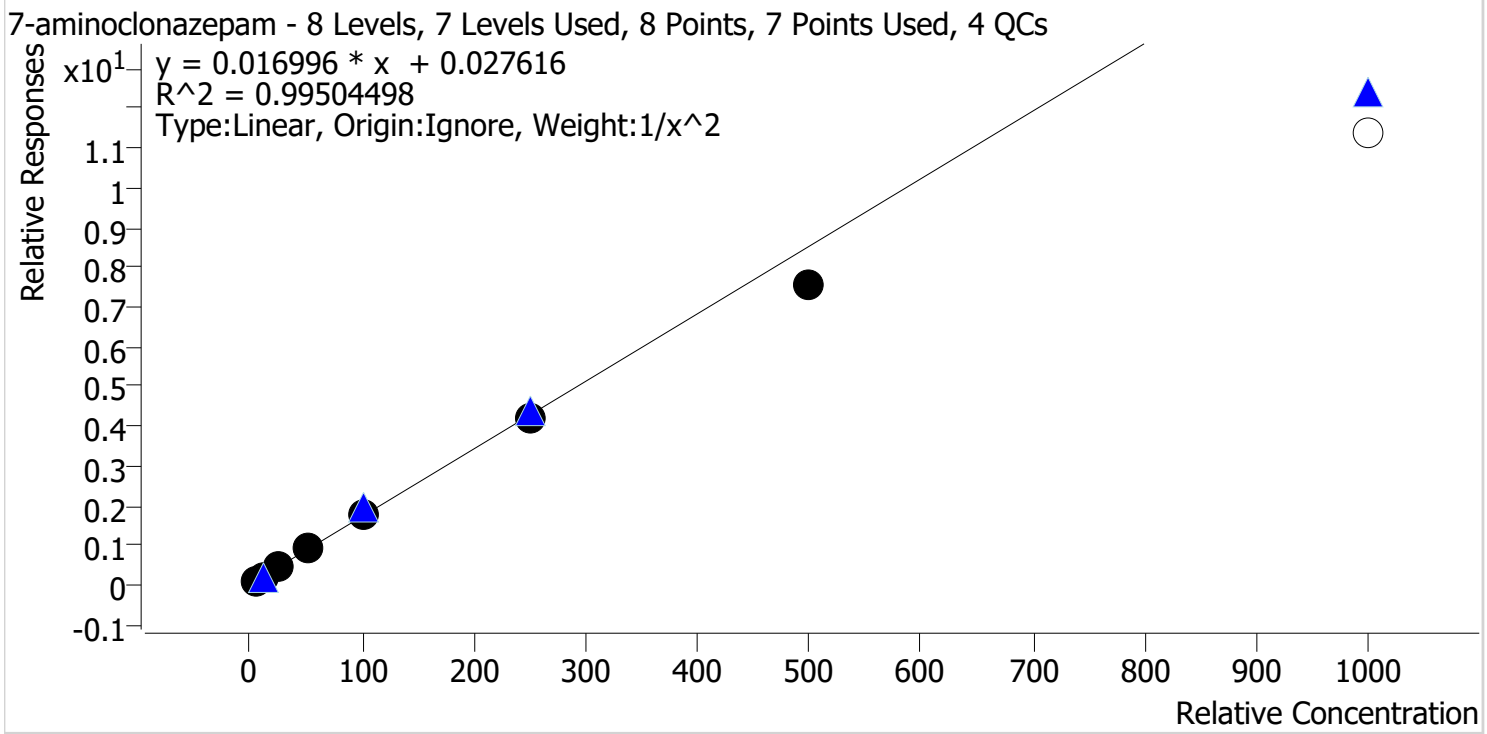
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.9
p1 Cal 2-10ng	2	✓	1.0	1.0	100.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.0
p1 Cal 4-50ng	4	✓	5.0	4.7	94.5
p1 Cal 5-100ng	5	✓	10.0	10.1	101.1
p1 Cal 6-250ng	6	✓	25.0	25.6	102.2
p1 Cal 7-500ng	7	✓	50.0	52.4	104.8
p1 Cal 8-1000ng	8	✓	100.0	99.3	99.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	441.4	88.3
p1 Cal 8-1000ng	8	✗	1000.0	665.6	66.6

Cal 8 dropped due to accuracy outside acceptable range

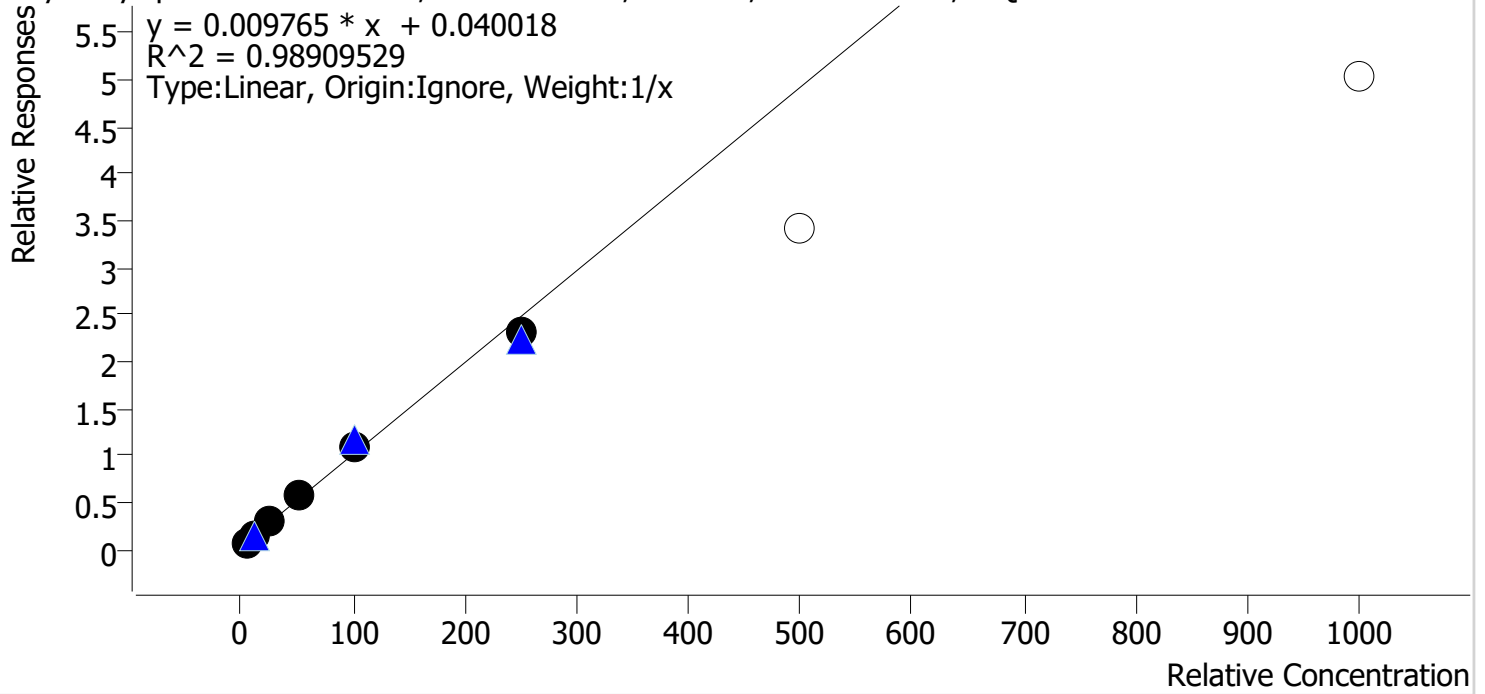
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	3.5	70.8
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	28.6	114.3
p1 Cal 4-50ng	4	✓	50.0	57.0	114.0
p1 Cal 5-100ng	5	✓	100.0	108.2	108.2
p1 Cal 6-250ng	6	✓	250.0	232.7	93.1
p1 Cal 7-500ng	7	✗	500.0	344.8	69.0
p1 Cal 8-1000ng	8	✗	1000.0	512.7	51.3

Cal 7 and 8 dropped due to accuracy outside acceptable range

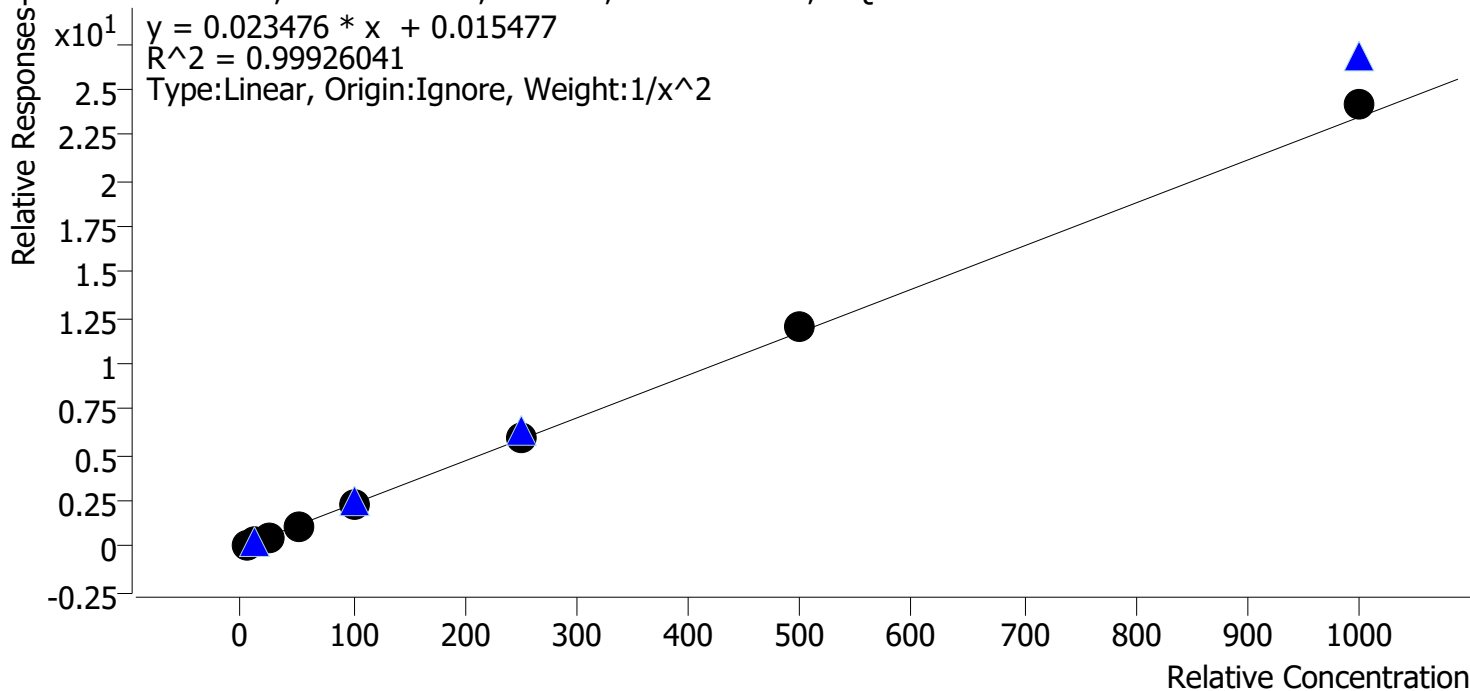
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	510.4	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1032.9	103.3

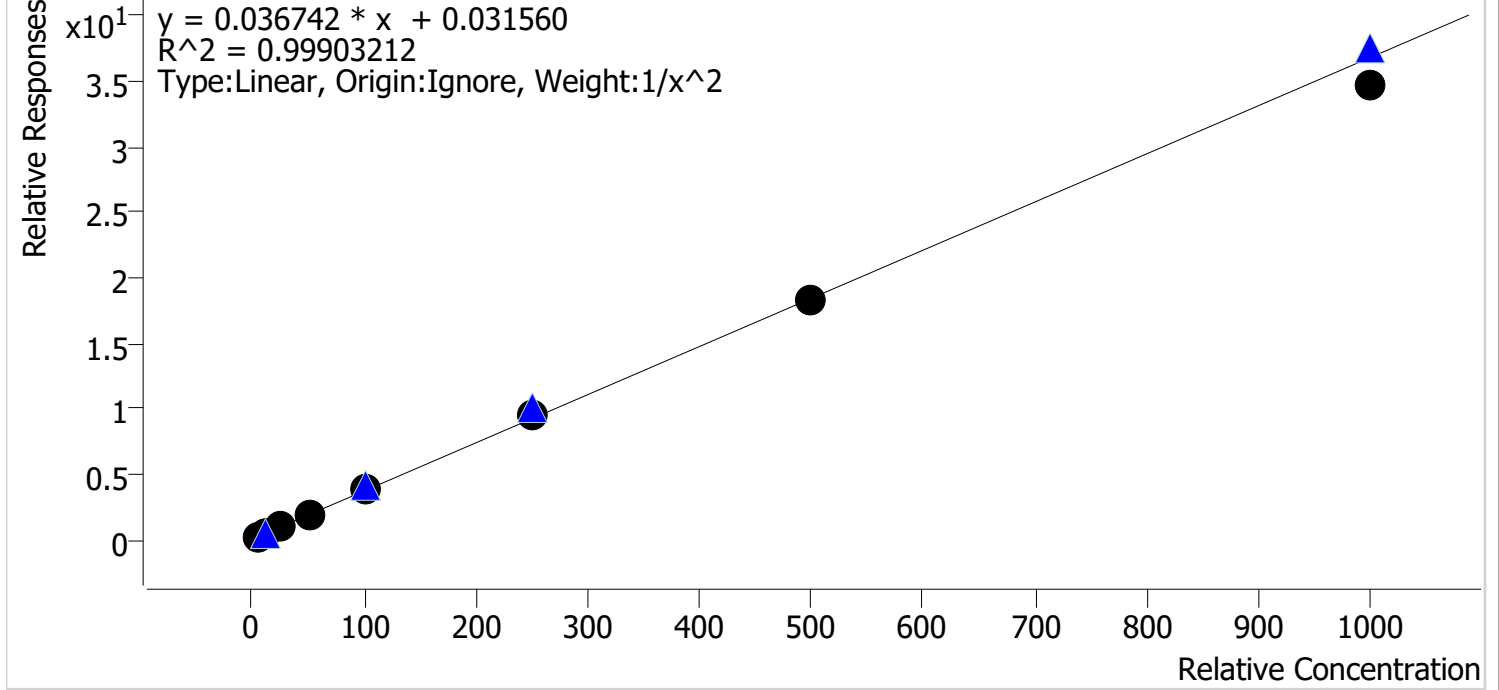
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	499.8	100.0
p1 Cal 8-1000ng	8	✓	1000.0	939.3	93.9

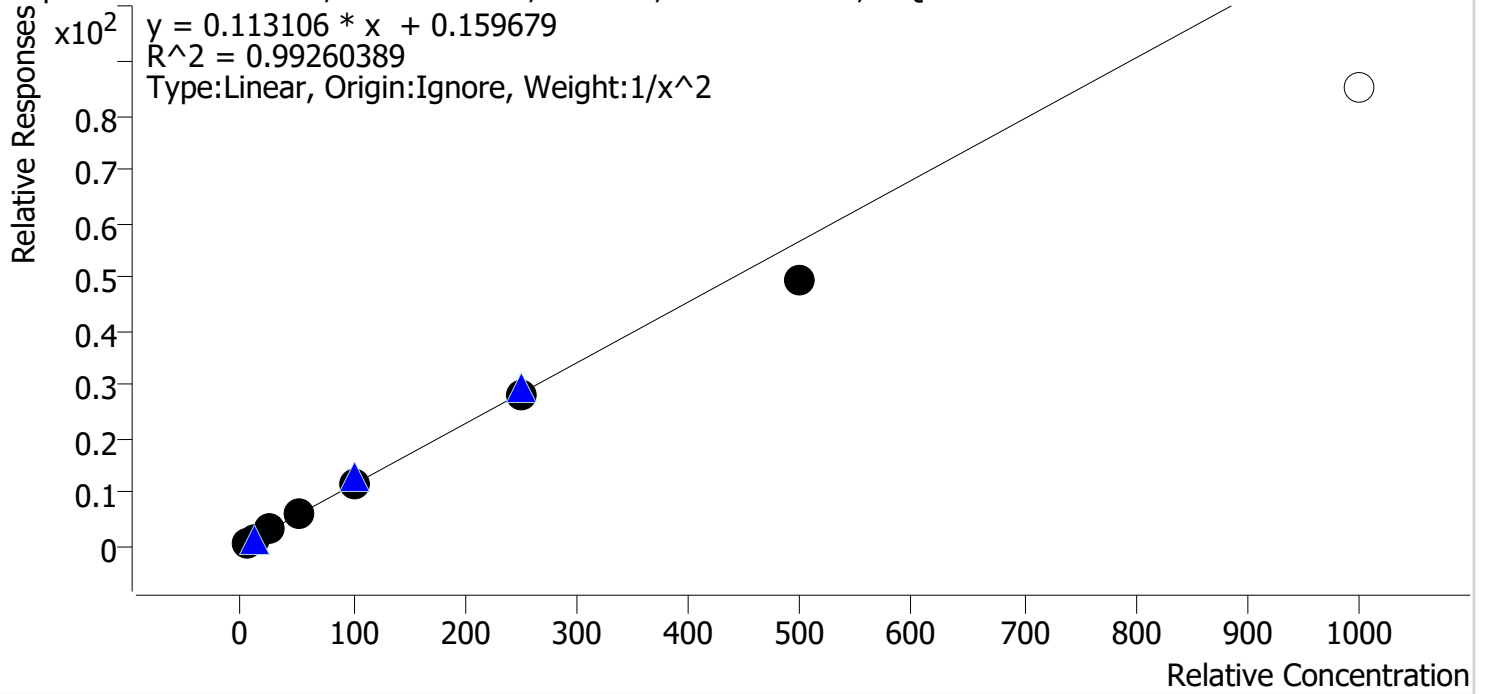
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	53.9	107.7
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	433.9	86.8
p1 Cal 8-1000ng	8	✗	1000.0	750.8	75.1

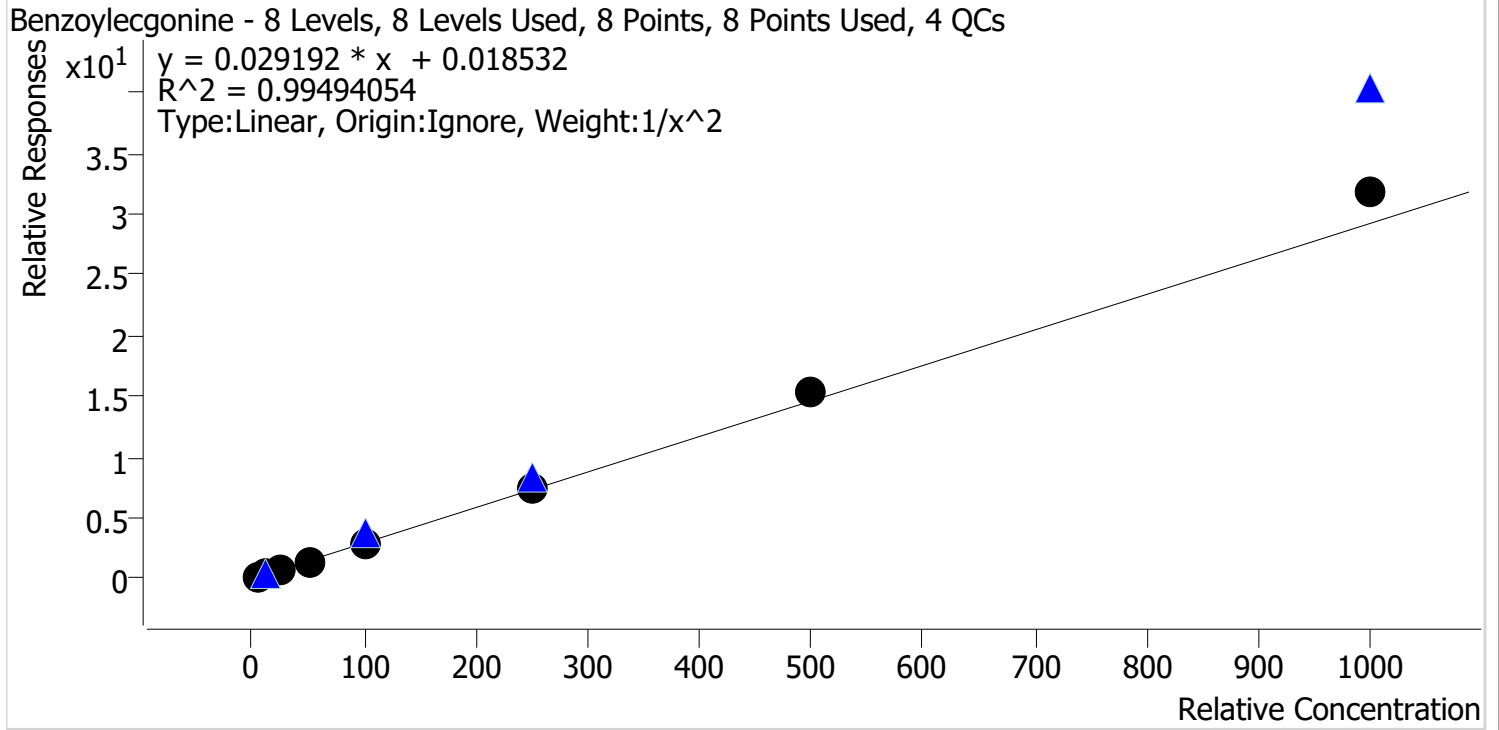
Cal 8 dropped due to accuracy outside acceptable range

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



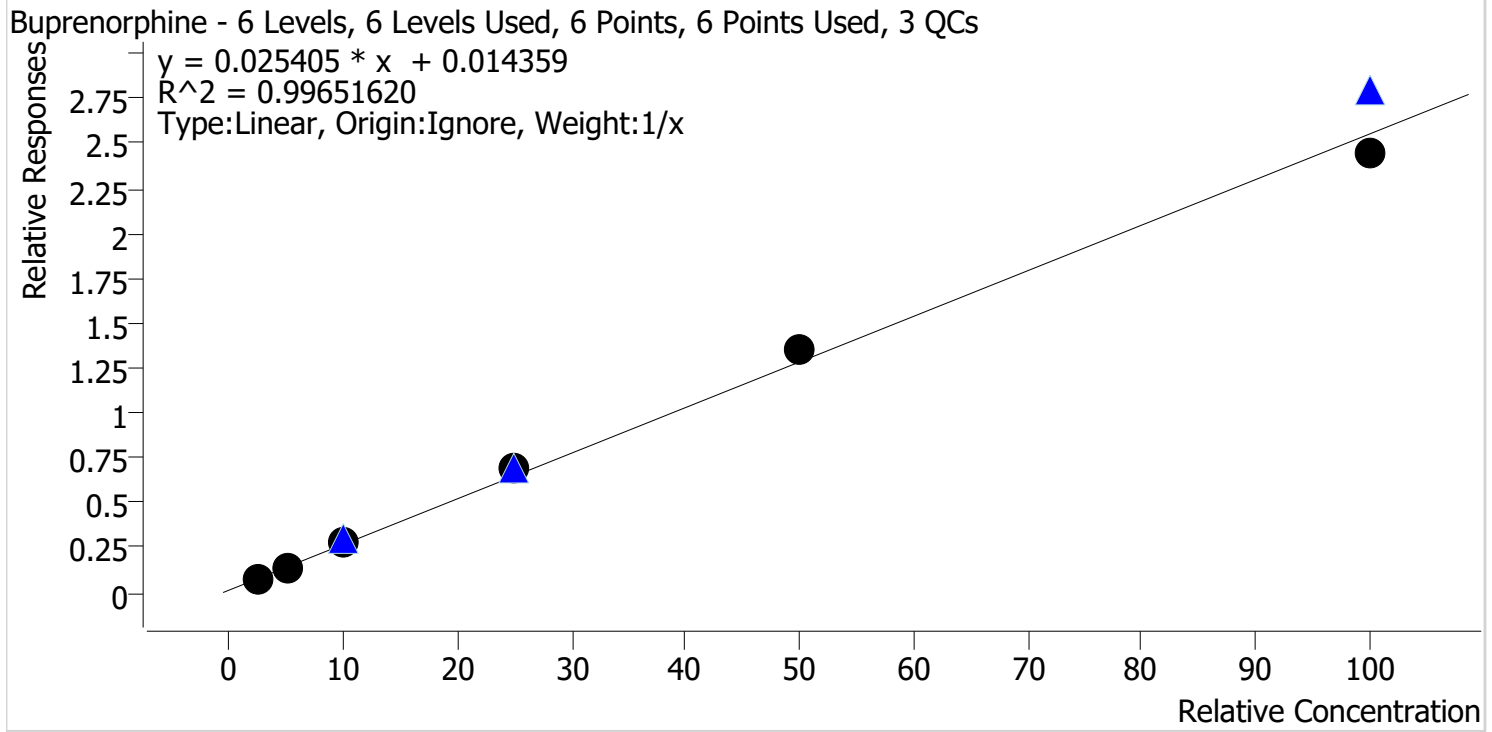
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.4	94.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	92.3	92.3
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	528.7	105.7
p1 Cal 8-1000ng	8	✓	1000.0	1090.0	109.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.6
p1 Cal 4-50ng	4	✓	5.0	4.5	89.8
p1 Cal 5-100ng	5	✓	10.0	10.4	104.3
p1 Cal 6-250ng	6	✓	25.0	26.4	105.5
p1 Cal 7-500ng	7	✓	50.0	53.0	106.0
p1 Cal 8-1000ng	8	✓	100.0	95.7	95.7

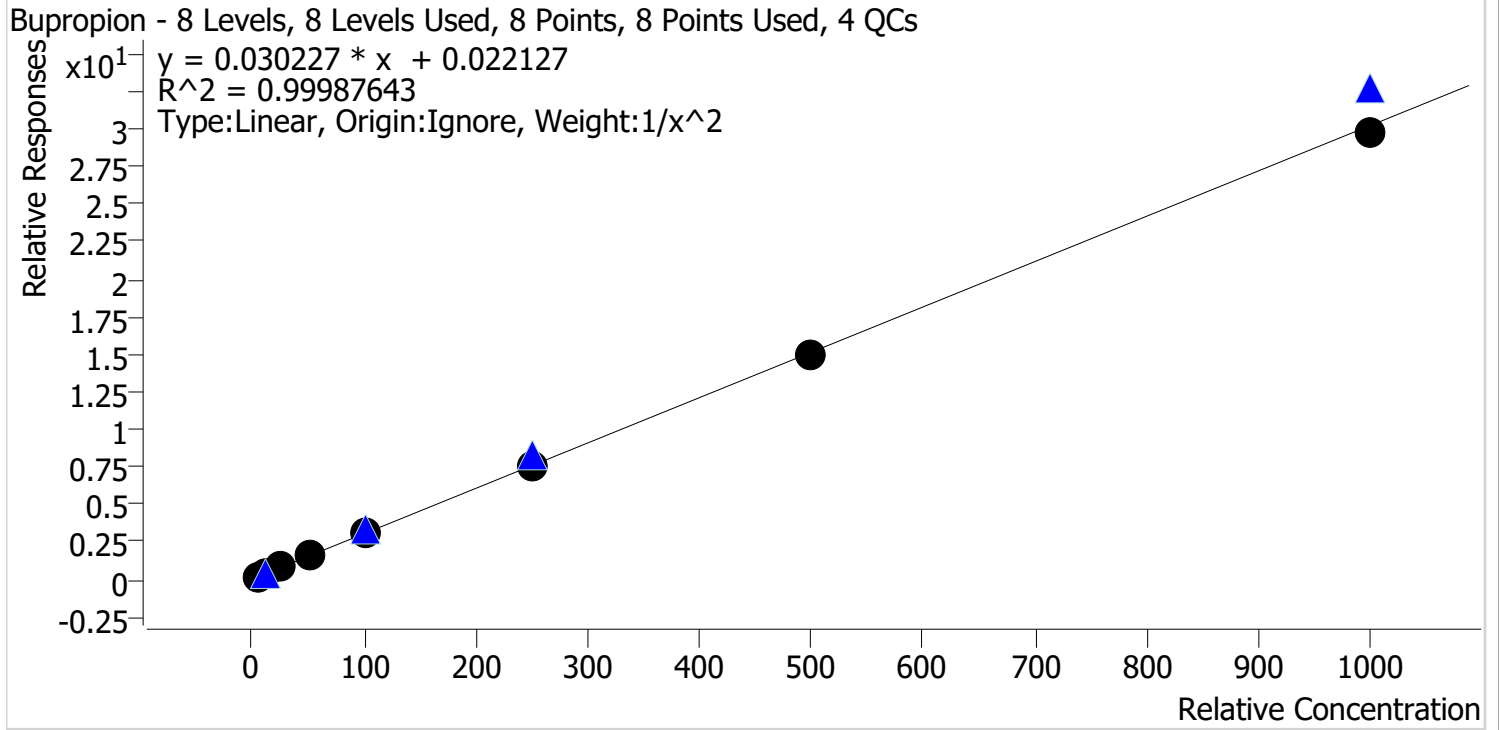
Cal 1 and 2 dropped due to ratio outside acceptable range

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	50.7	101.5
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	497.7	99.5
p1 Cal 8-1000ng	8	✓	1000.0	982.8	98.3

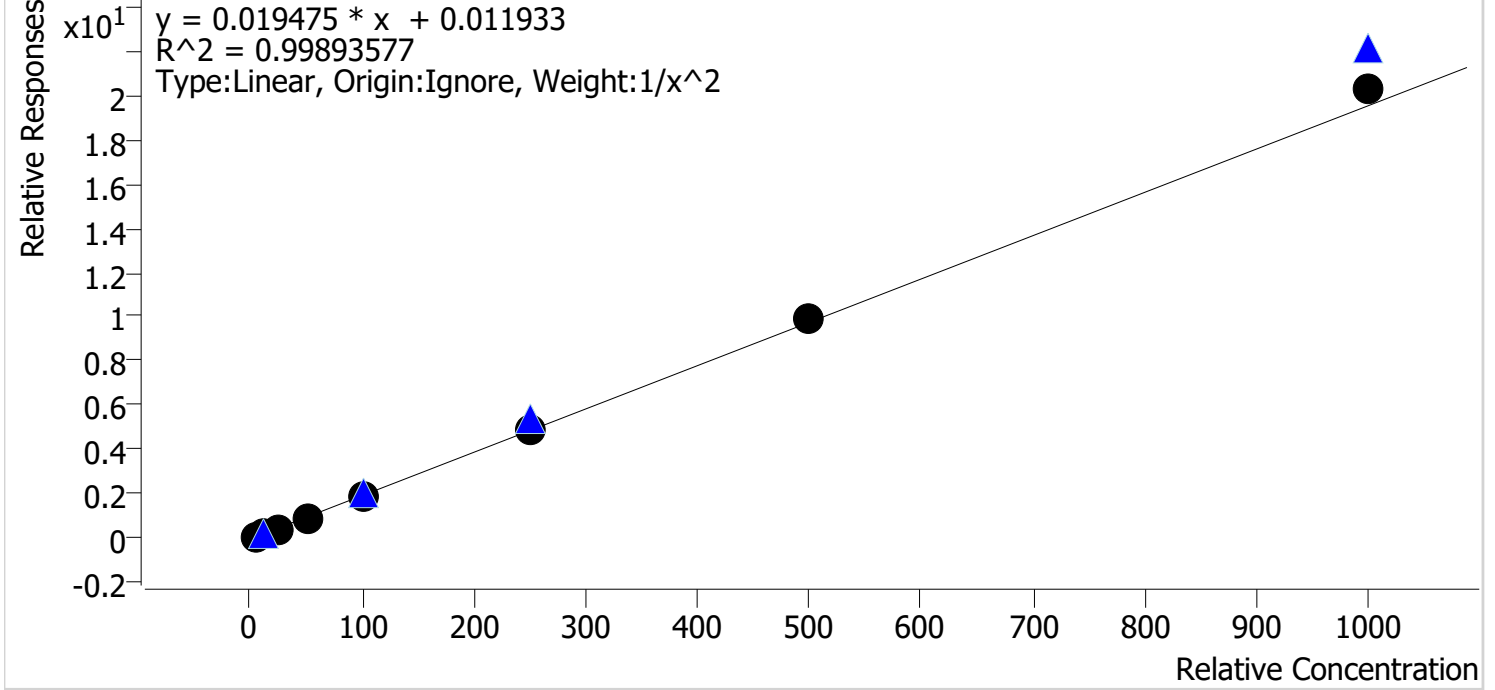
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



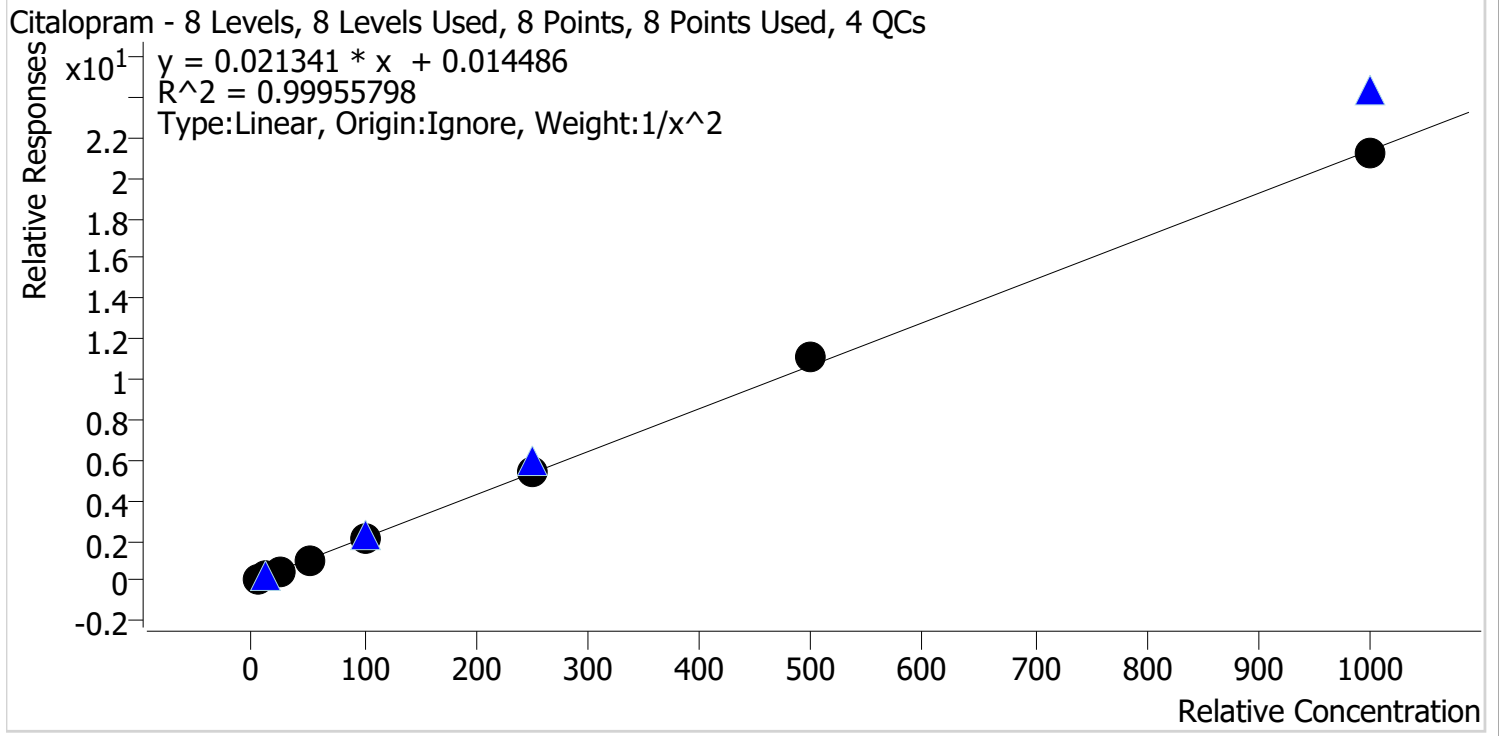
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng	5	✓	100.0	95.5	95.5
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	510.0	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1041.2	104.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



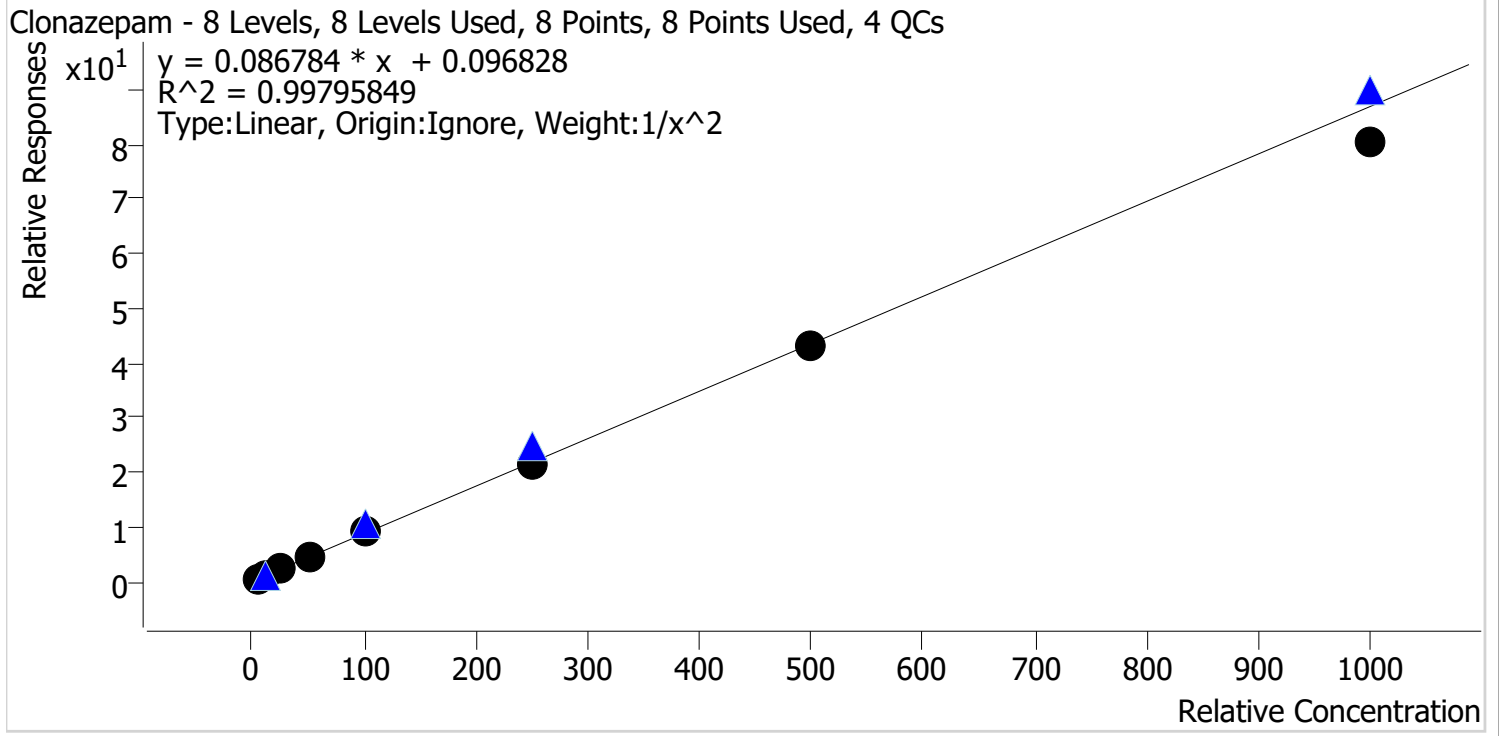
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	516.6	103.3
p1 Cal 8-1000ng	8	✓	1000.0	993.9	99.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	495.2	99.0
p1 Cal 8-1000ng	8	✓	1000.0	926.0	92.6

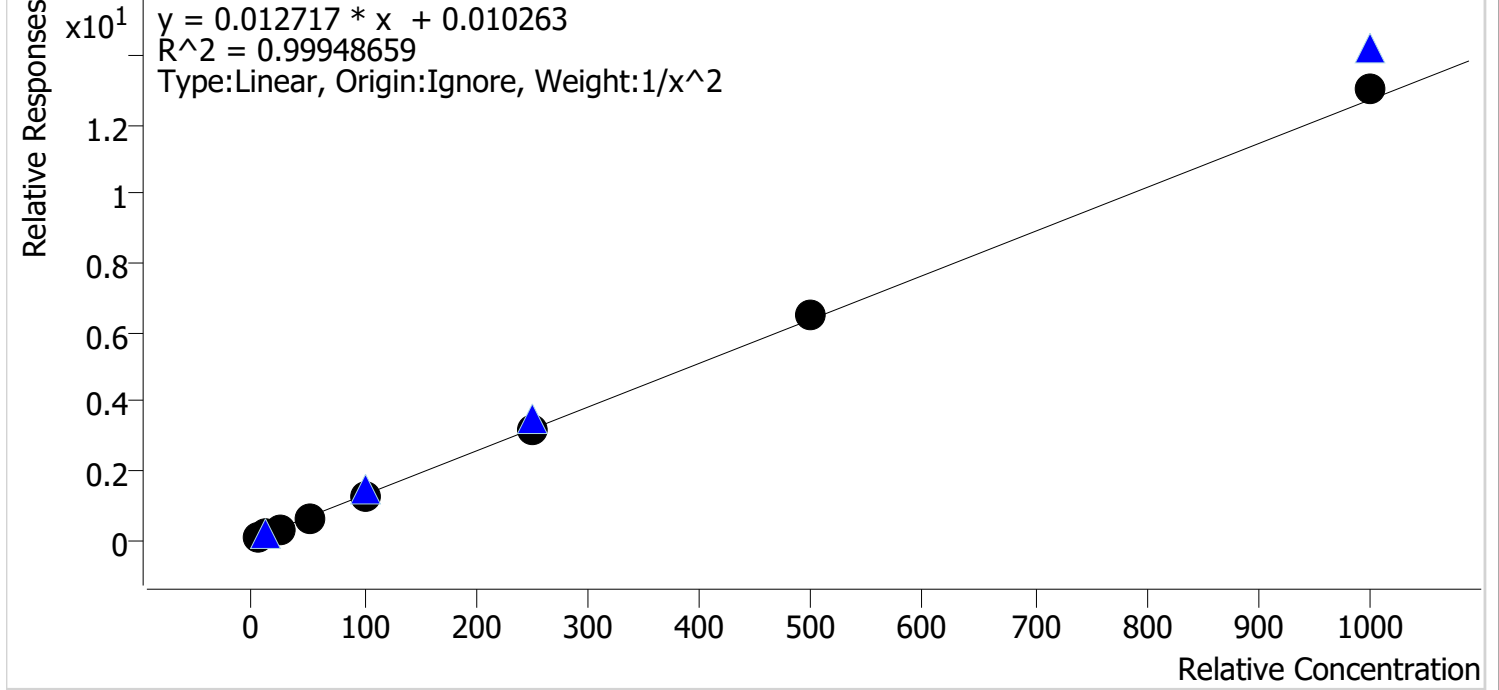
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	512.8	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1022.7	102.3

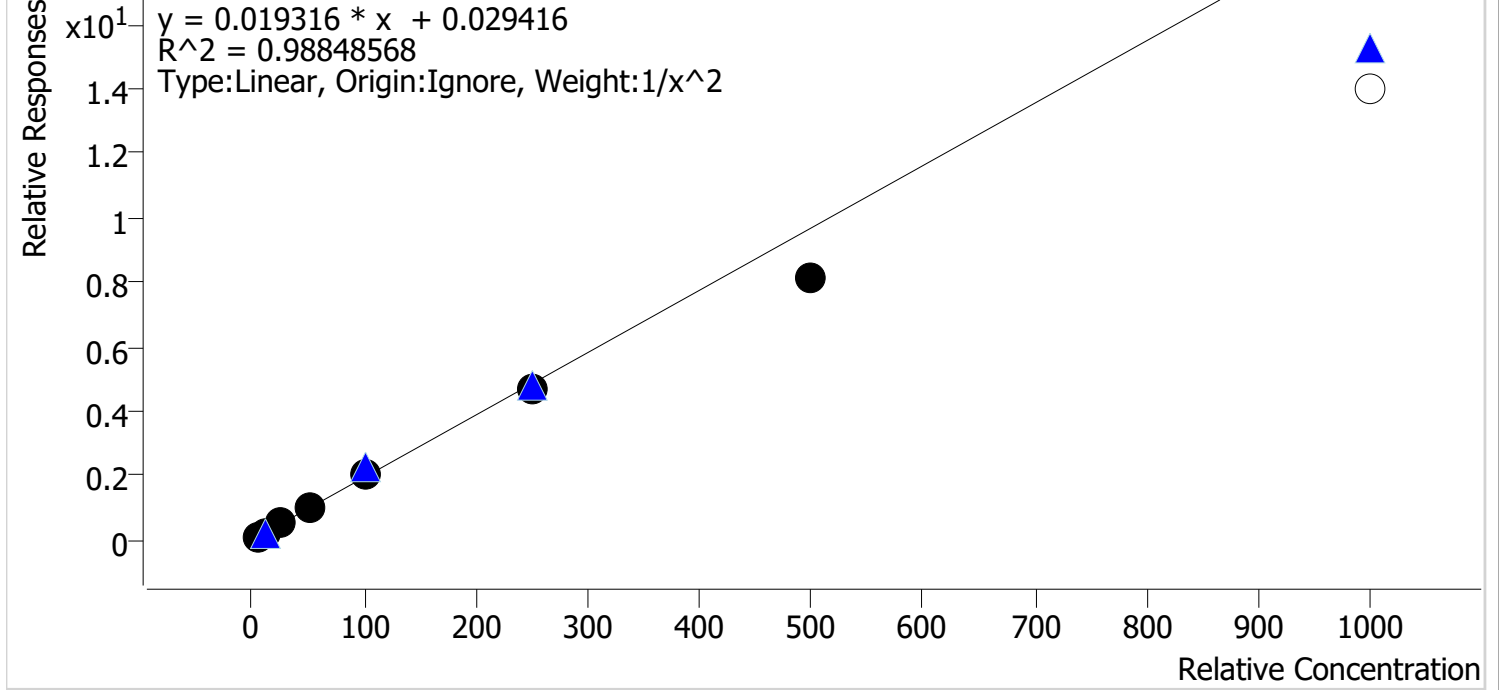
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

Codeine - 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	96.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.2
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	240.2	96.1
p1 Cal 7-500ng	7	✓	500.0	417.5	83.5
p1 Cal 8-1000ng	8	✗	1000.0	721.4	72.1

Cal 8 dropped due to accuracy outside acceptable range

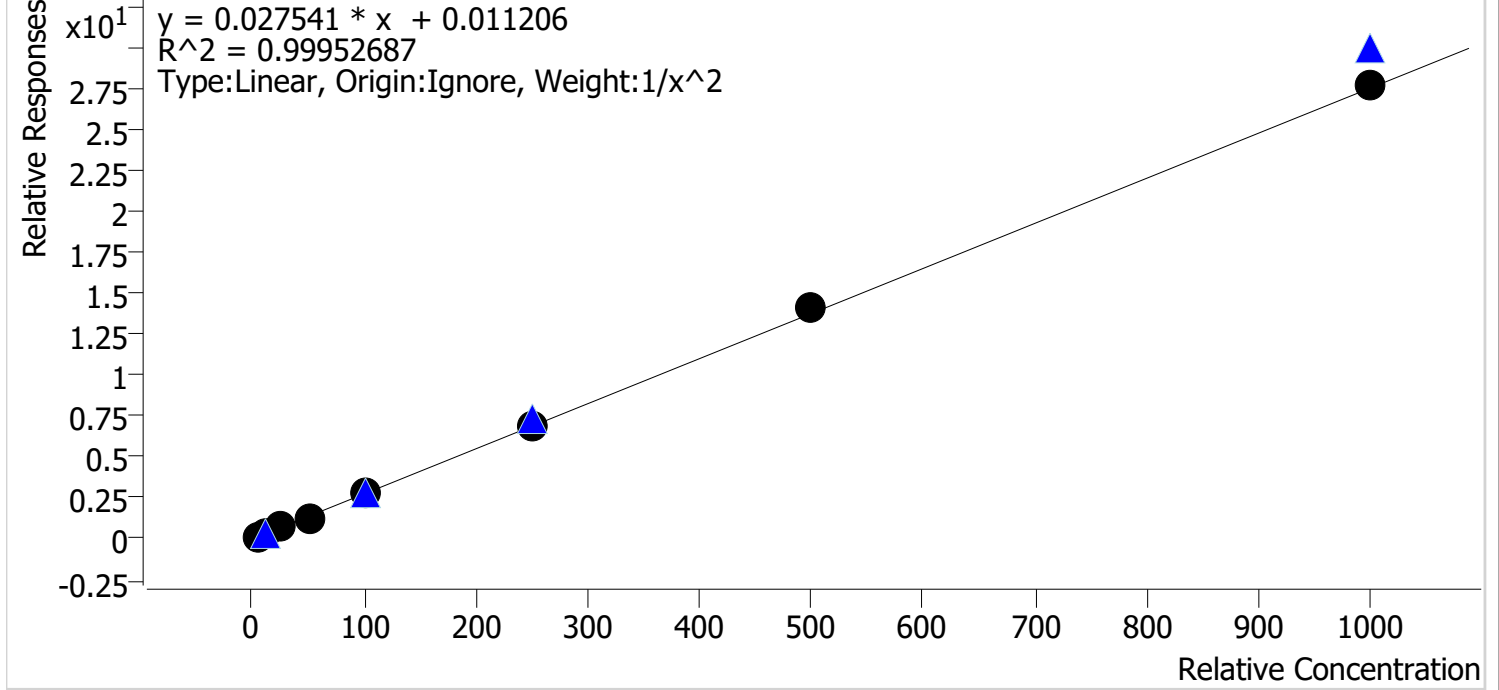
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	512.8	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1003.5	100.3

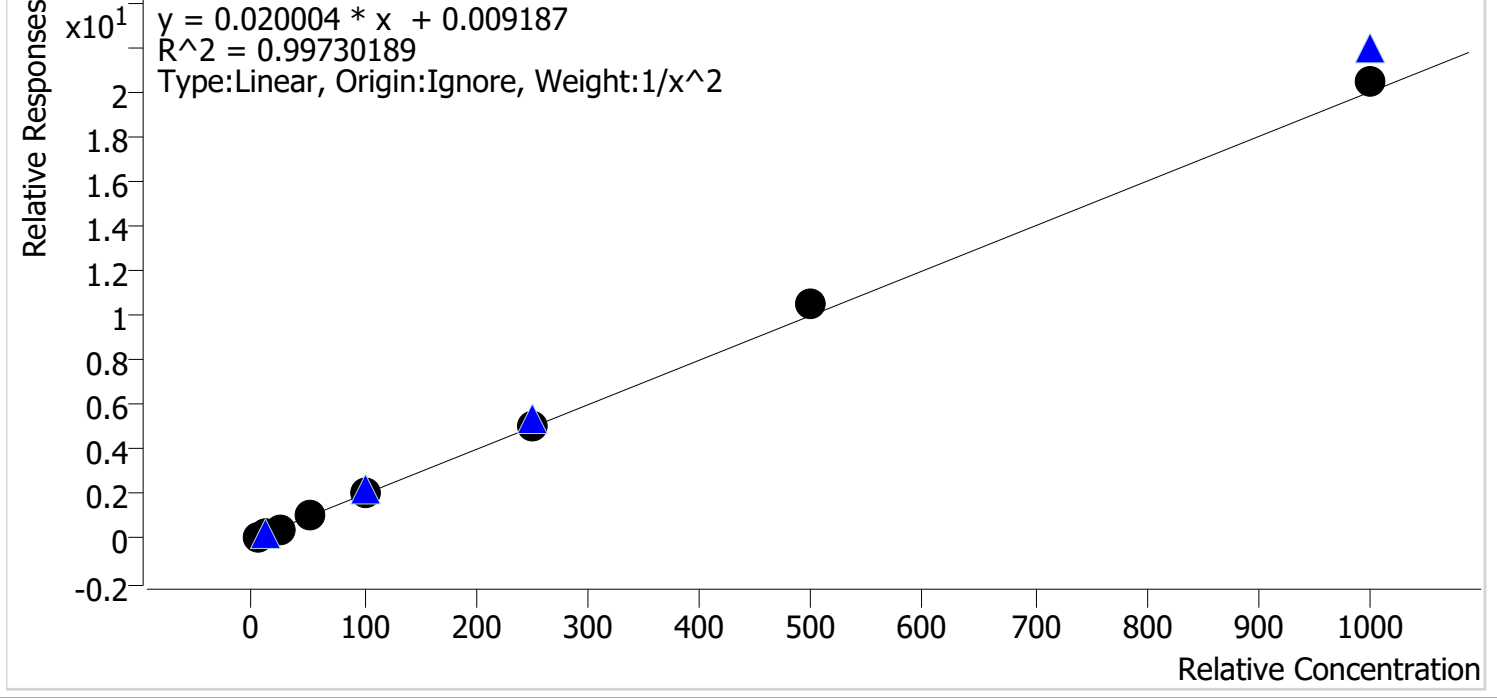
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



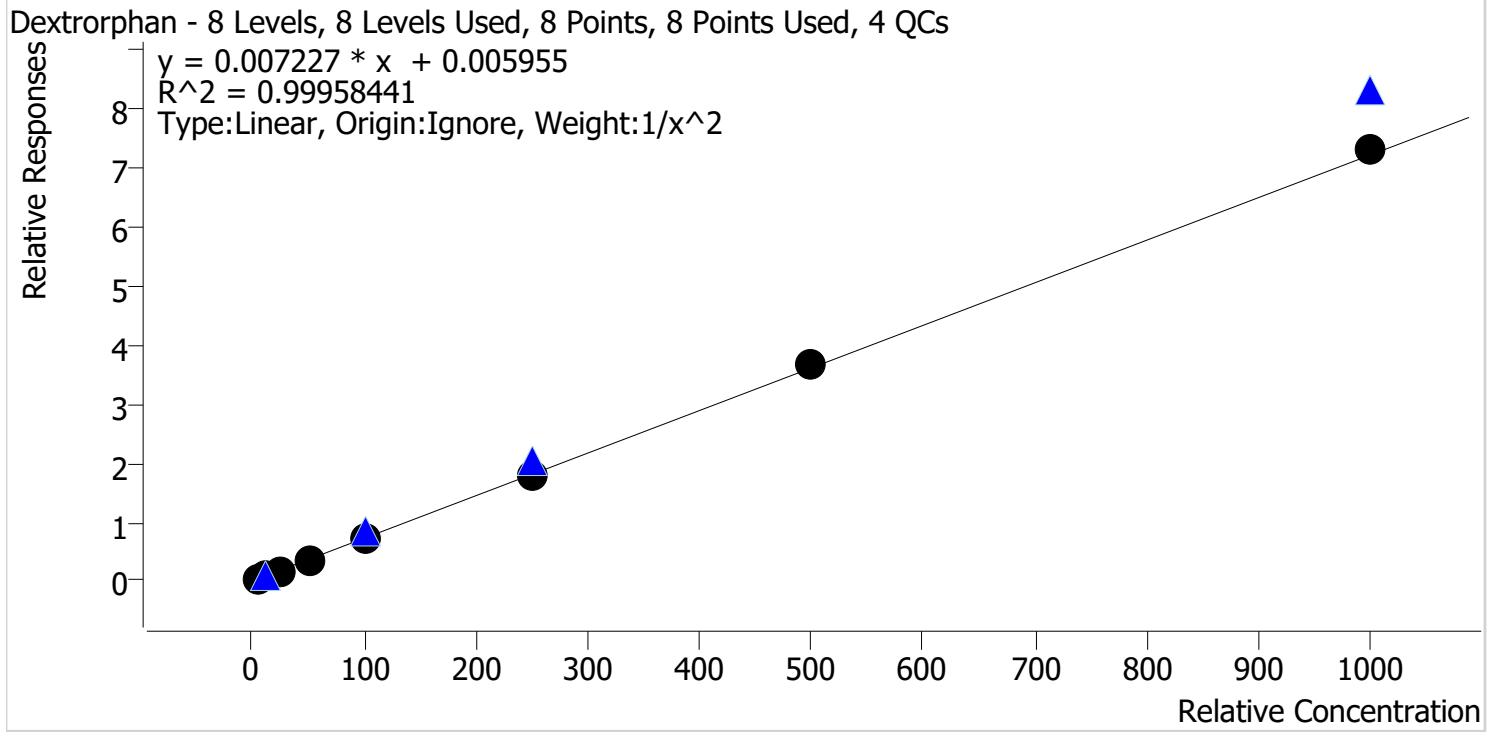
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	22.4	89.6
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	523.1	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1025.5	102.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



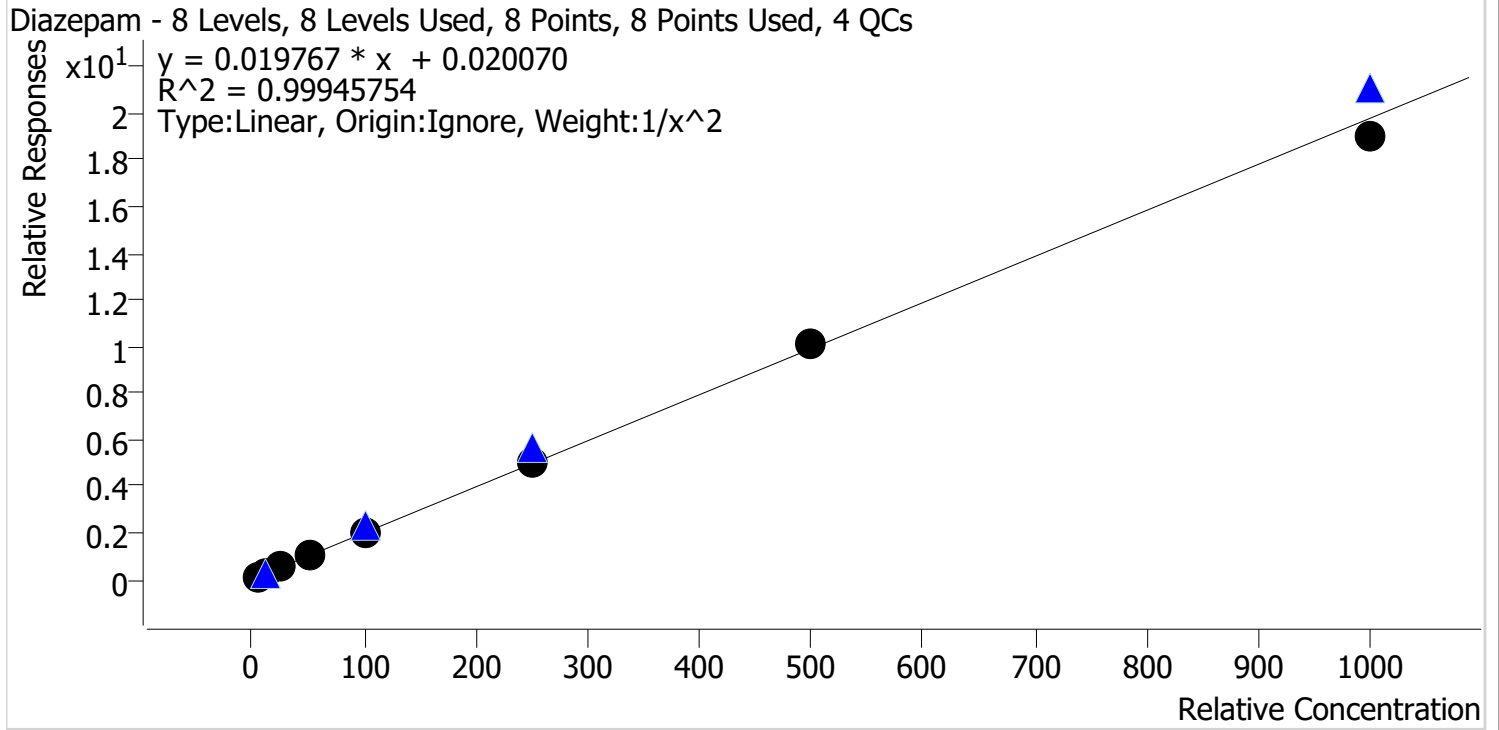
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	49.5	98.9
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	510.0	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1017.6	101.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.8
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	508.4	101.7
p1 Cal 8-1000ng	8	✓	1000.0	962.6	96.3

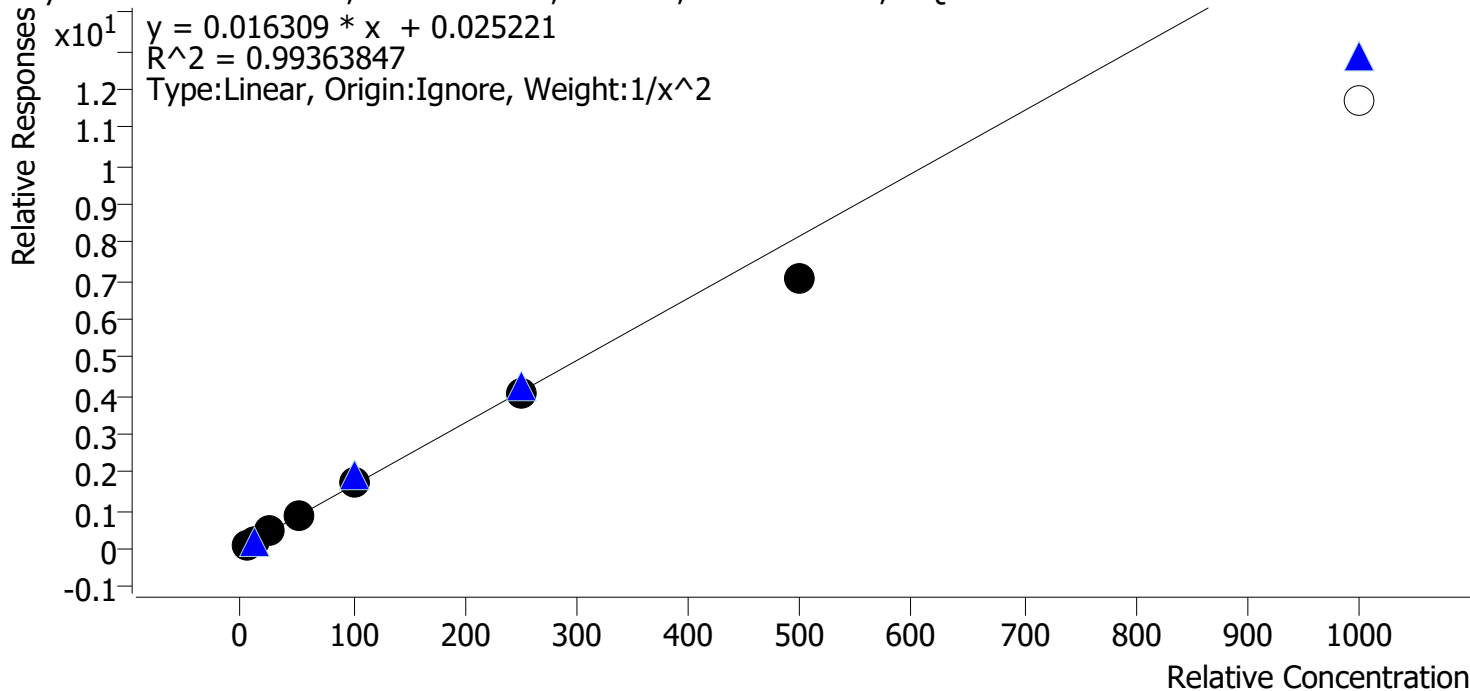
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	53.6	107.1
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	434.3	86.9
p1 Cal 8-1000ng	8	✗	1000.0	718.7	71.9

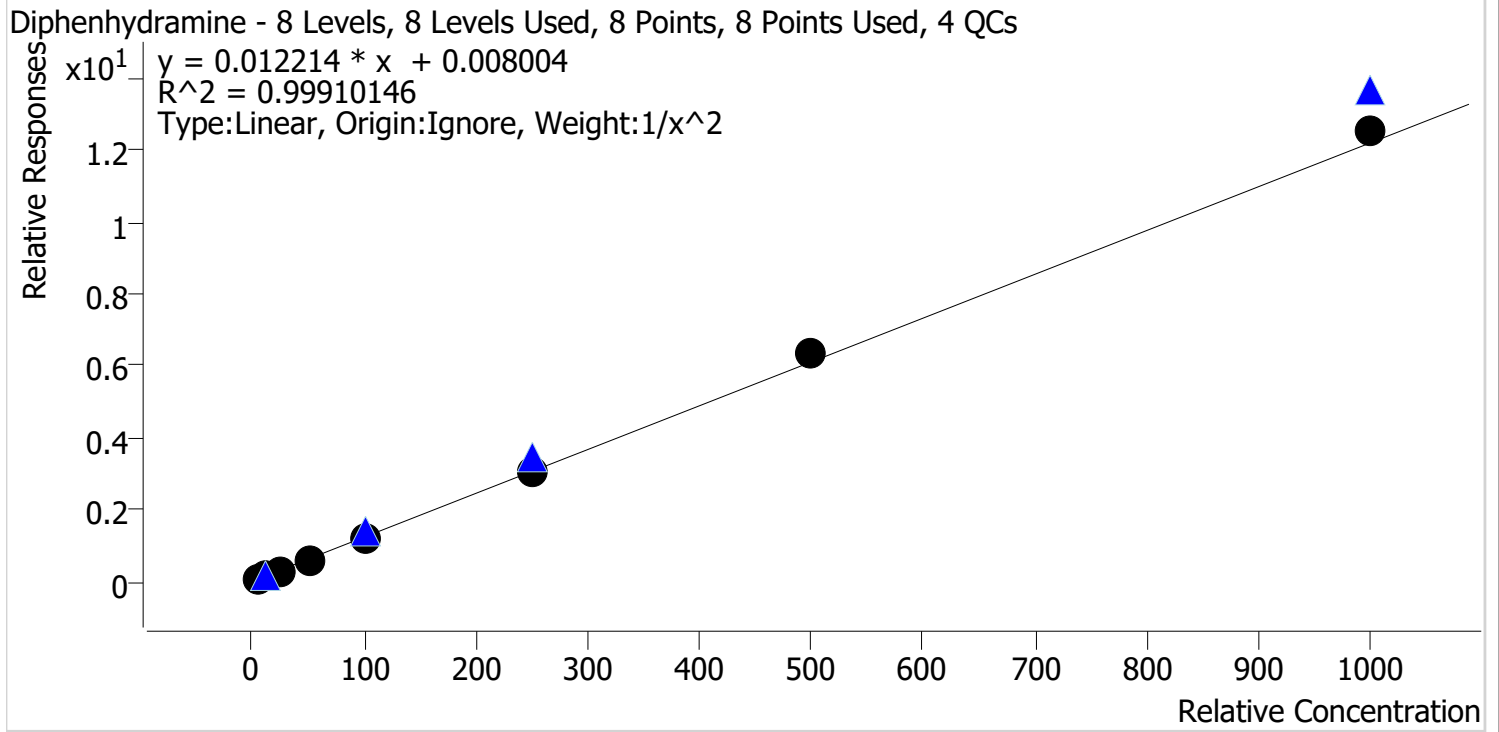
Cal 8 dropped due to accuracy outside acceptable range

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	48.8	97.5
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	520.1	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1031.0	103.1

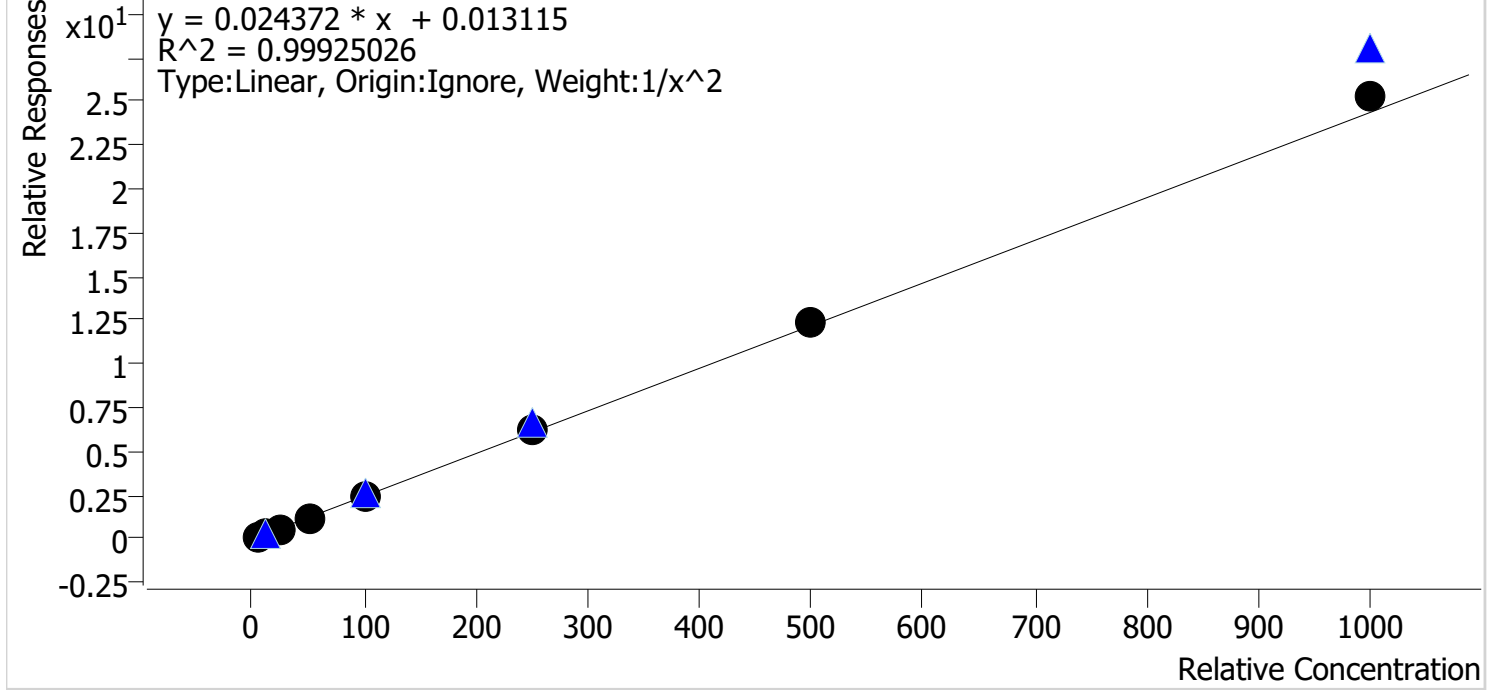
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte 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	100.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	252.1	100.9
p1 Cal 7-500ng	7	✓	500.0	509.5	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1037.7	103.8

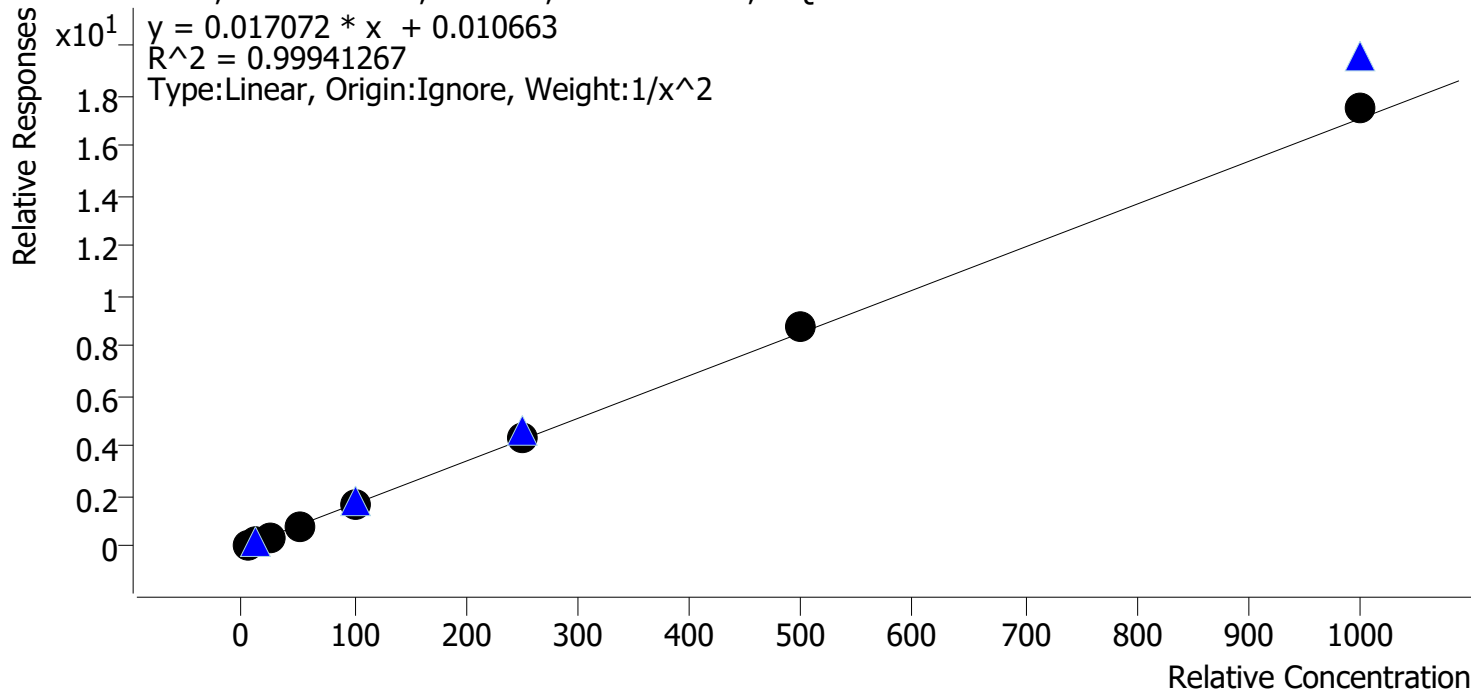
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	512.3	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1022.8	102.3

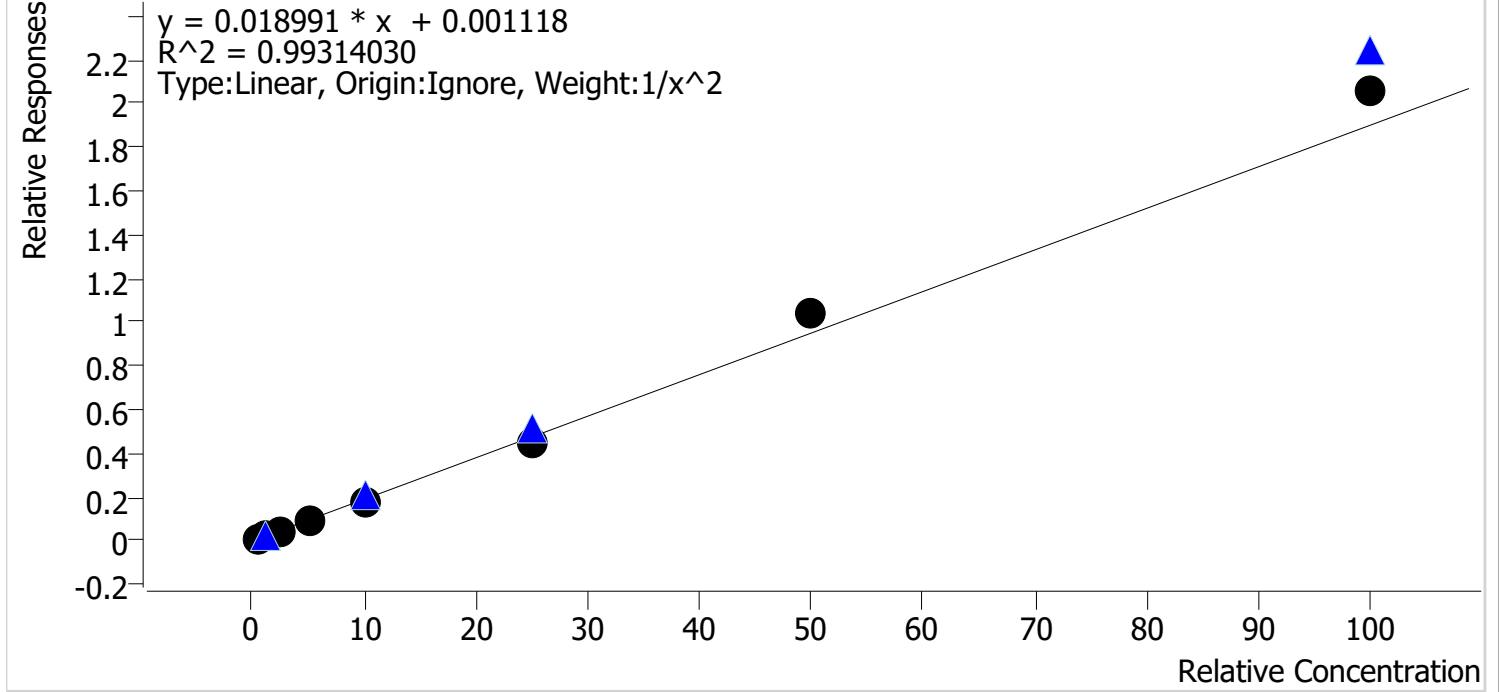
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



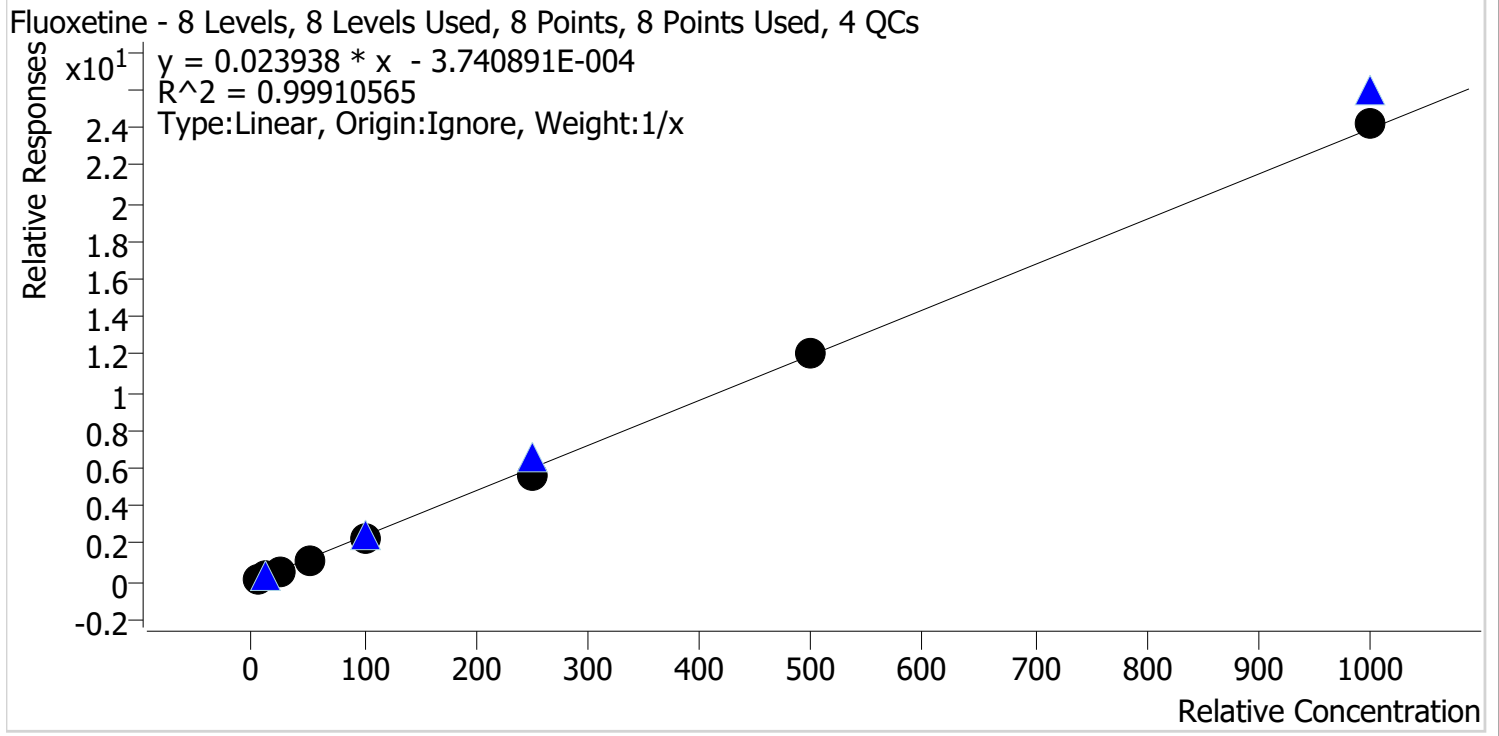
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.3
p1 Cal 2-10ng	2	✓	1.0	1.0	97.9
p1 Cal 3 -25ng	3	✓	2.5	2.2	89.0
p1 Cal 4-50ng	4	✓	5.0	5.1	102.1
p1 Cal 5-100ng	5	✓	10.0	9.4	94.3
p1 Cal 6-250ng	6	✓	25.0	23.8	95.2
p1 Cal 7-500ng	7	✓	50.0	55.1	110.1
p1 Cal 8-1000ng	8	✓	100.0	108.1	108.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



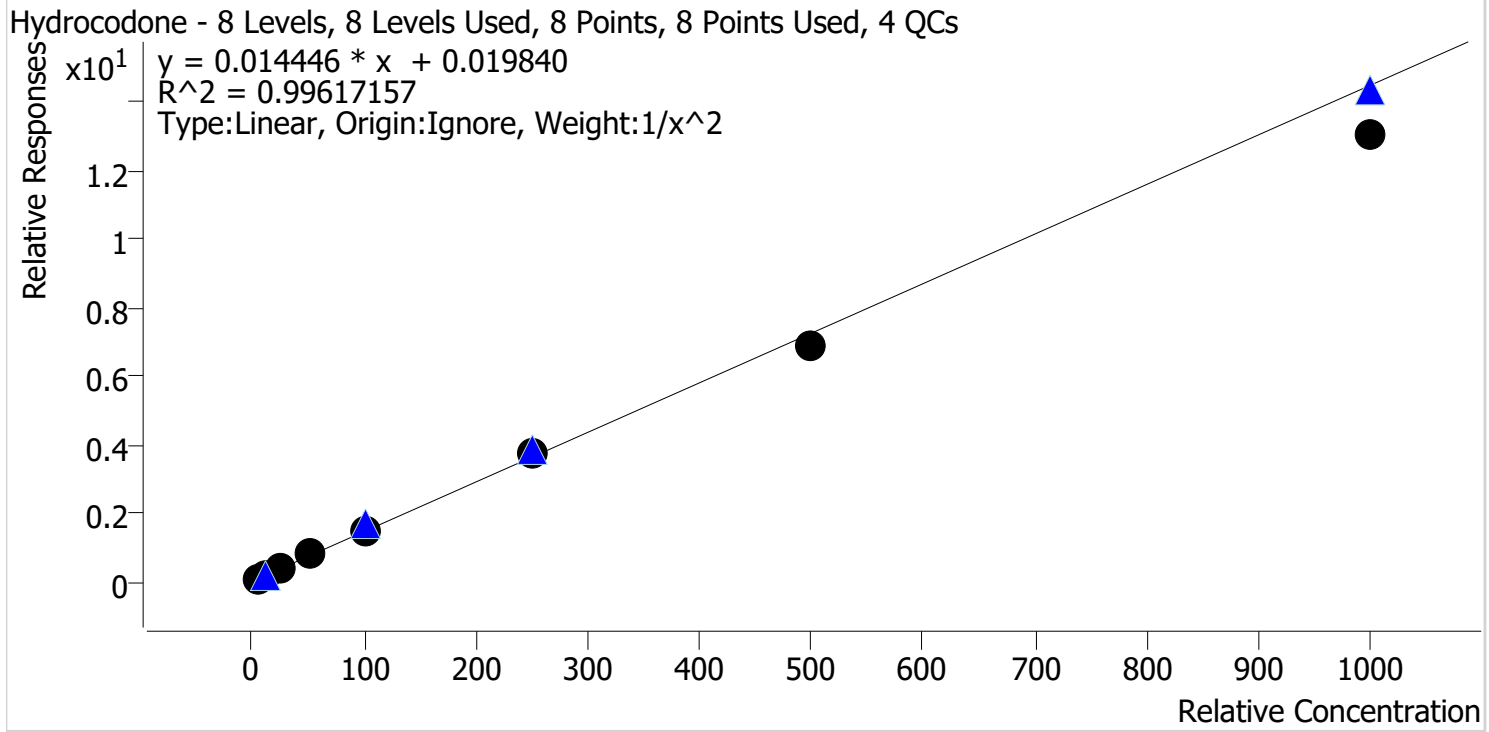
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	110.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	94.8	94.8
p1 Cal 6-250ng	6	✓	250.0	234.9	94.0
p1 Cal 7-500ng	7	✓	500.0	506.9	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1014.4	101.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	259.1	103.6
p1 Cal 7-500ng	7	✓	500.0	476.2	95.2
p1 Cal 8-1000ng	8	✓	1000.0	900.8	90.1

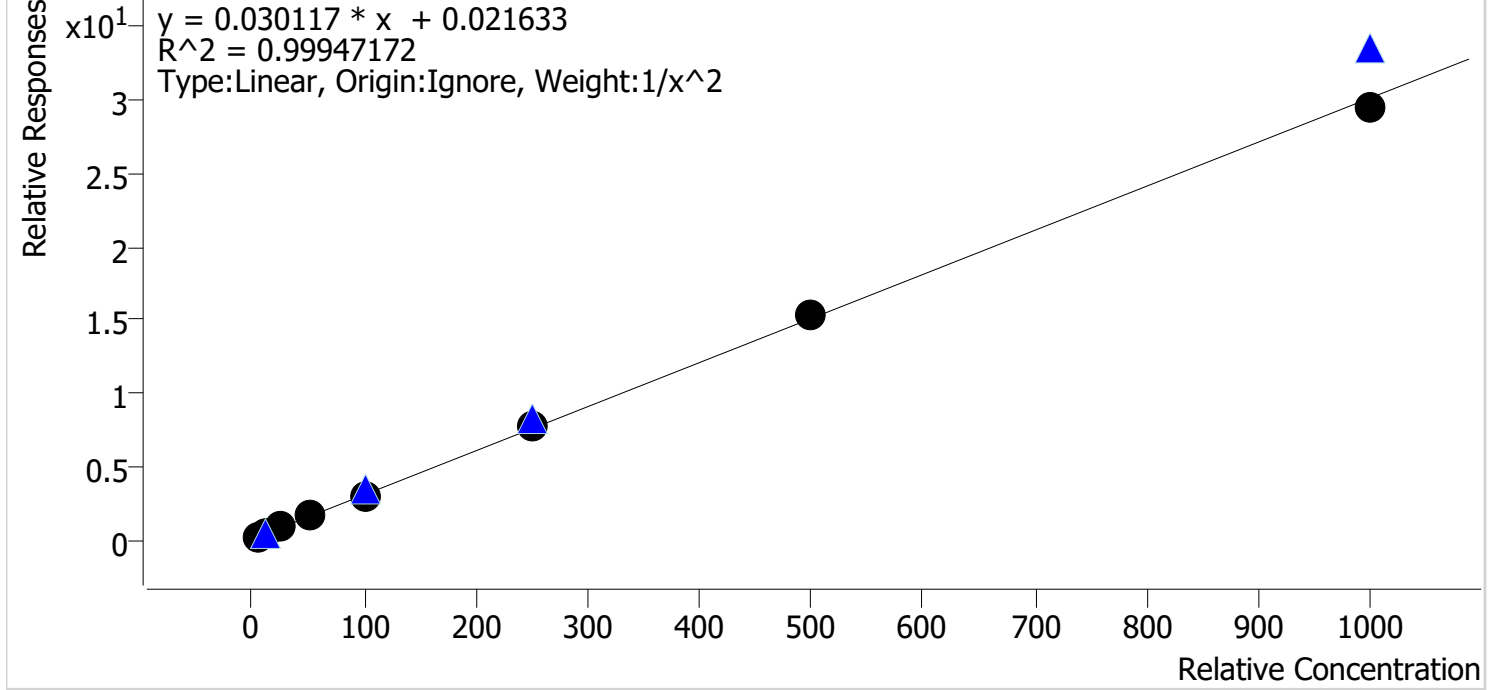
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



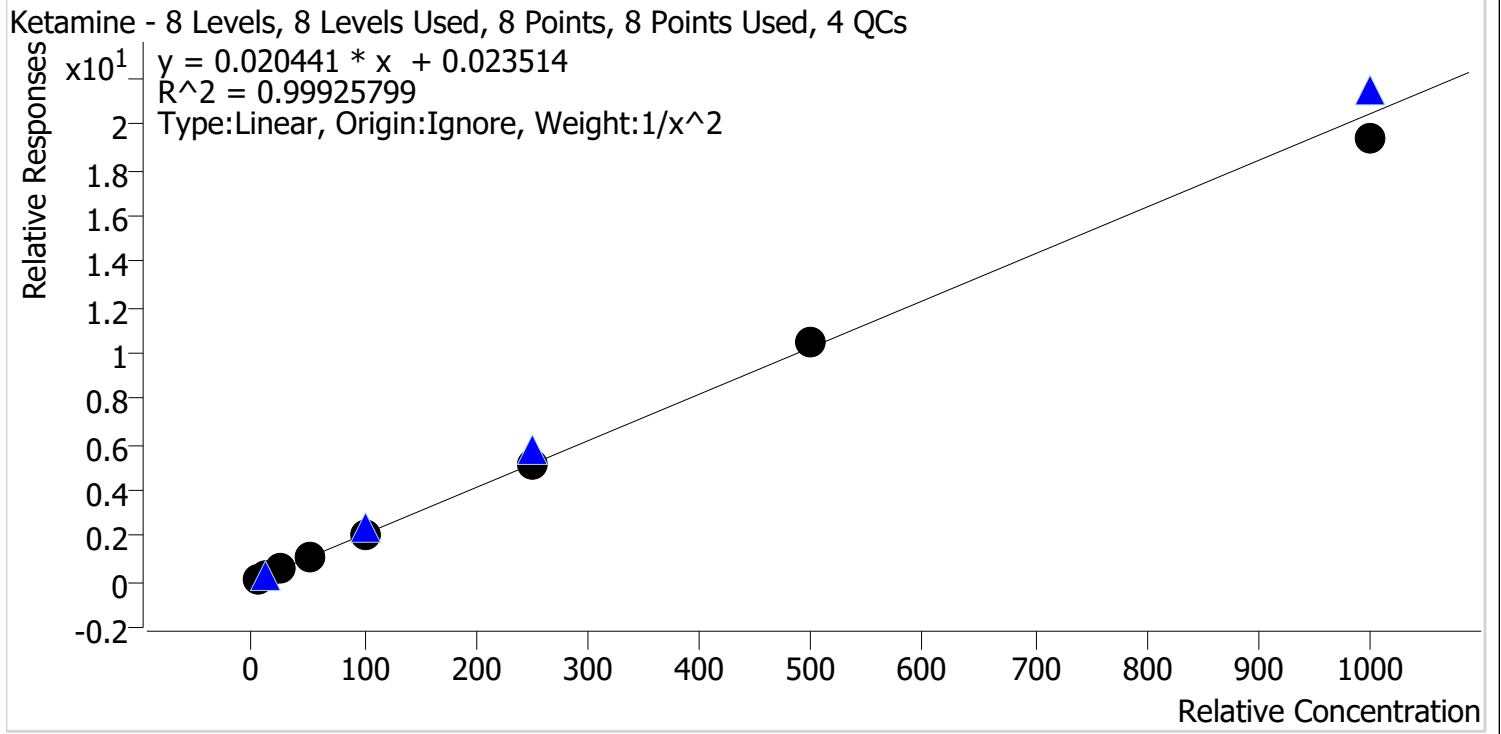
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	25.7	103.0
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	979.7	98.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



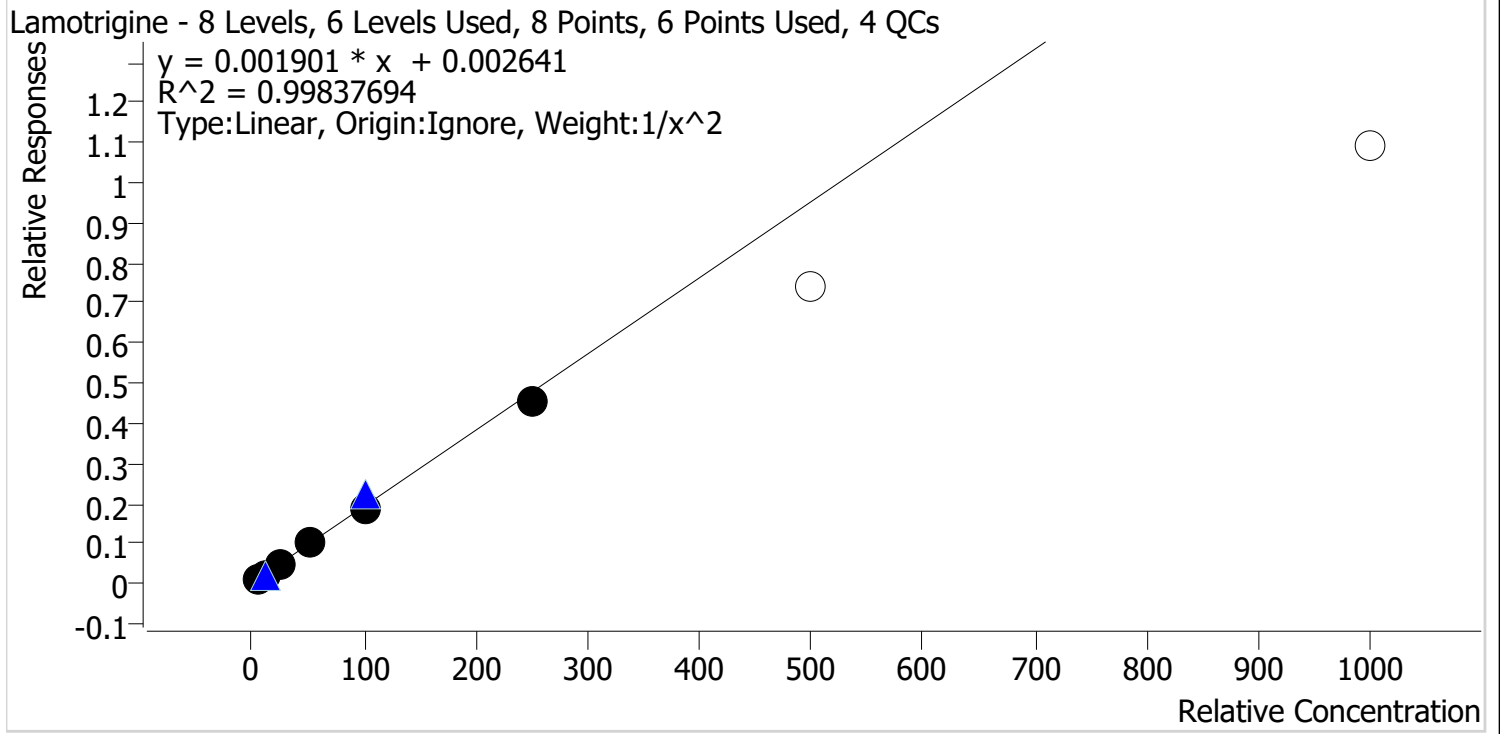
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	252.1	100.9
p1 Cal 7-500ng	7	✓	500.0	508.4	101.7
p1 Cal 8-1000ng	8	✓	1000.0	944.8	94.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	239.4	95.8
p1 Cal 7-500ng	7	✗	500.0	388.3	77.7
p1 Cal 8-1000ng	8	✗	1000.0	573.2	57.3

Cal 7 and 8 dropped due to accuracy outside acceptable range

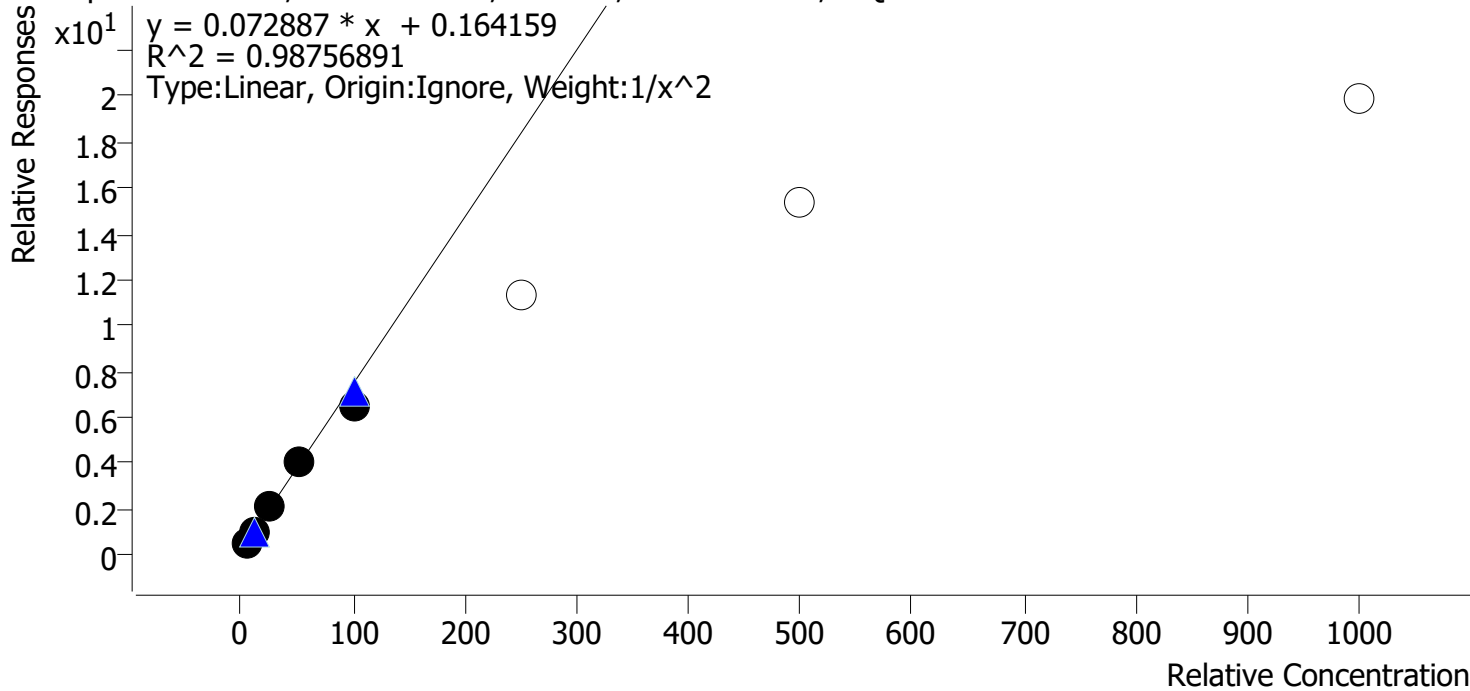
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.7	107.3
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	86.9	86.9
p1 Cal 6-250ng	6	x	250.0	152.7	61.1
p1 Cal 7-500ng	7	x	500.0	208.0	41.6
p1 Cal 8-1000ng	8	x	1000.0	270.2	27.0

Cal 6-8 dropped due to accuracy outside acceptable range

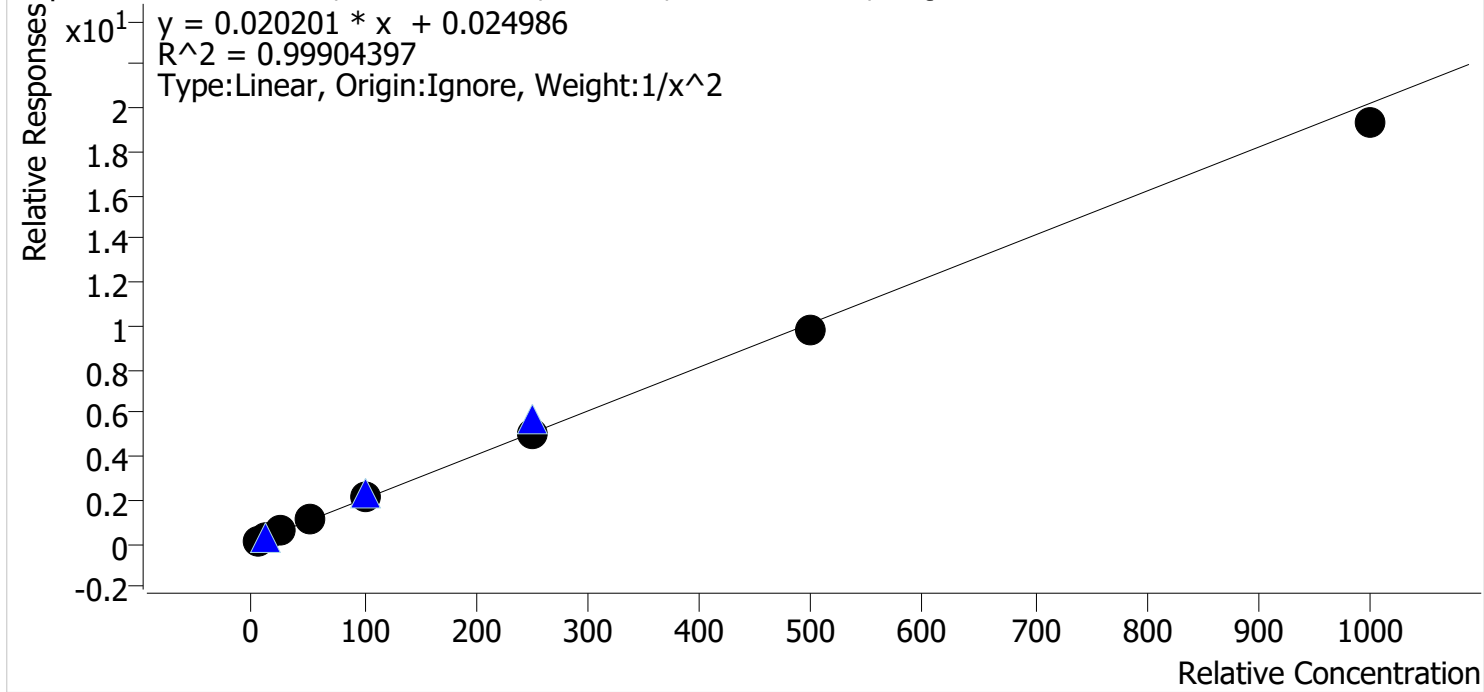
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

Meprobamate - 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	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	487.9	97.6
p1 Cal 8-1000ng	8	✓	1000.0	956.2	95.6

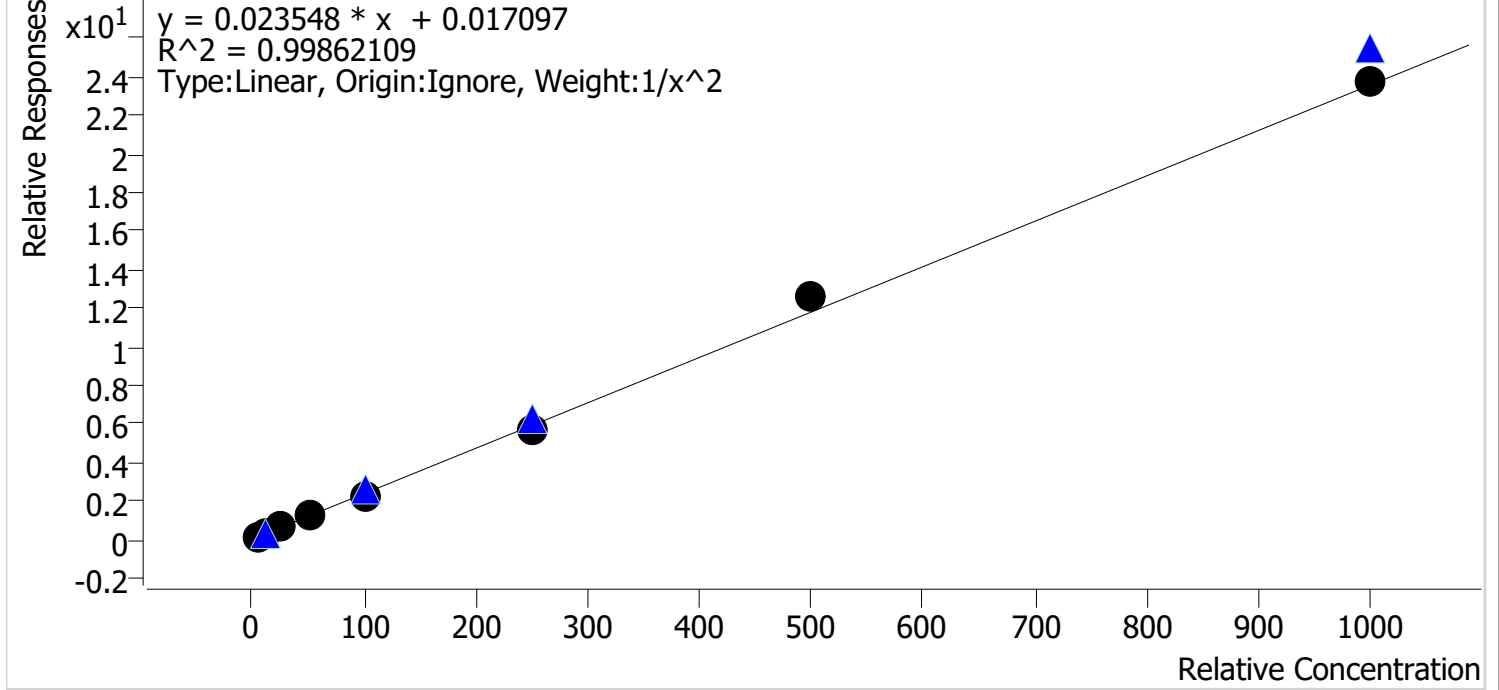
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



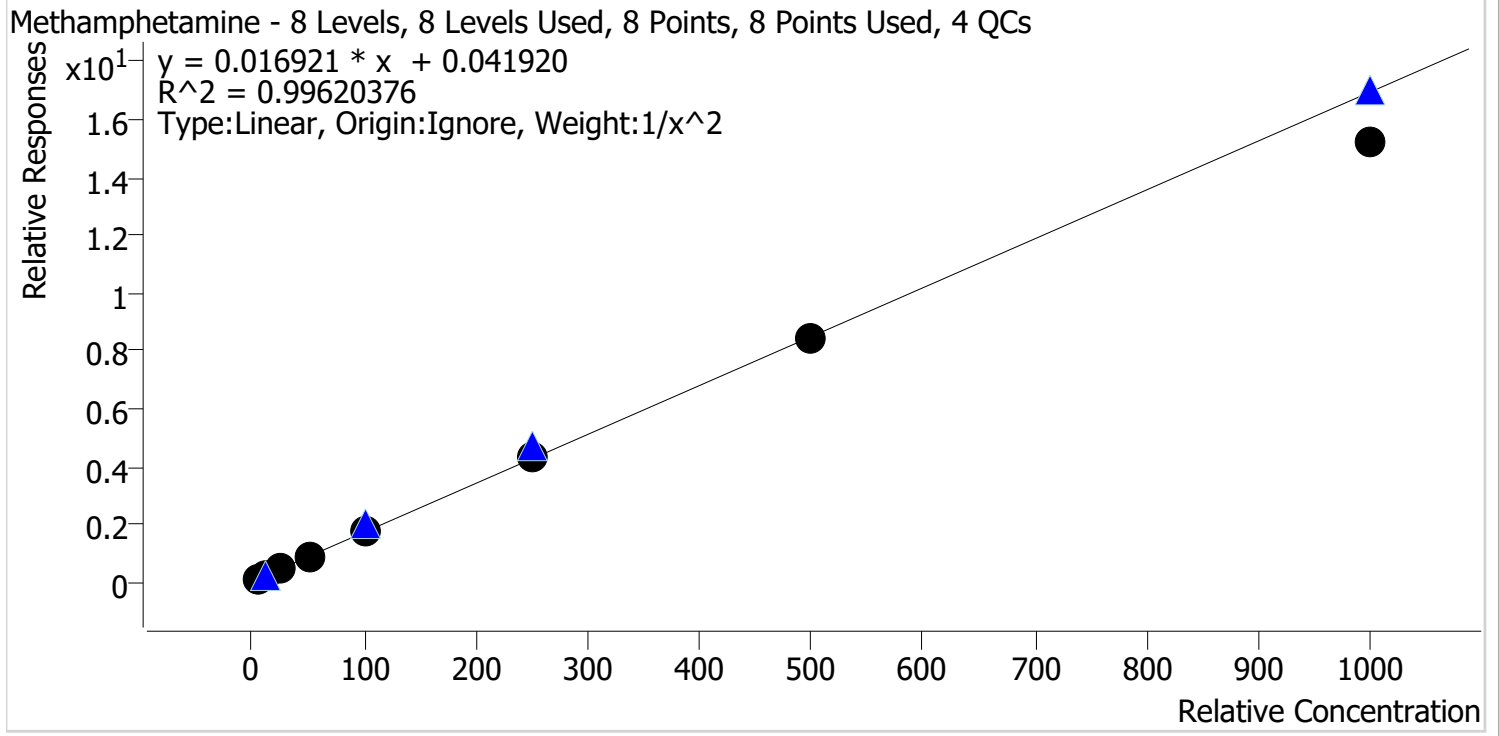
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	48.7	97.5
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	240.2	96.1
p1 Cal 7-500ng	7	✓	500.0	530.5	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1012.4	101.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.4
p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	250.4	100.1
p1 Cal 7-500ng	7	✓	500.0	495.1	99.0
p1 Cal 8-1000ng	8	✓	1000.0	896.7	89.7

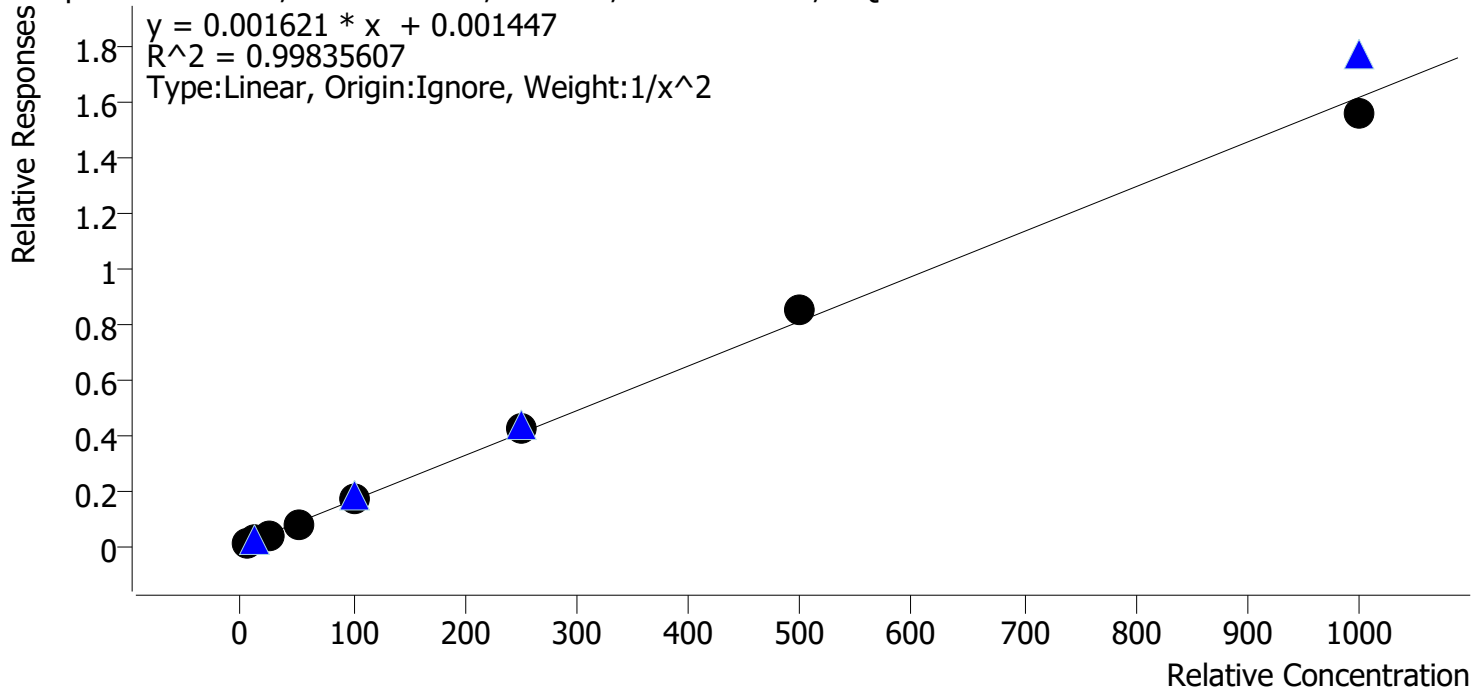
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	259.9	104.0
p1 Cal 7-500ng	7	✓	500.0	527.2	105.4
p1 Cal 8-1000ng	8	✓	1000.0	967.8	96.8

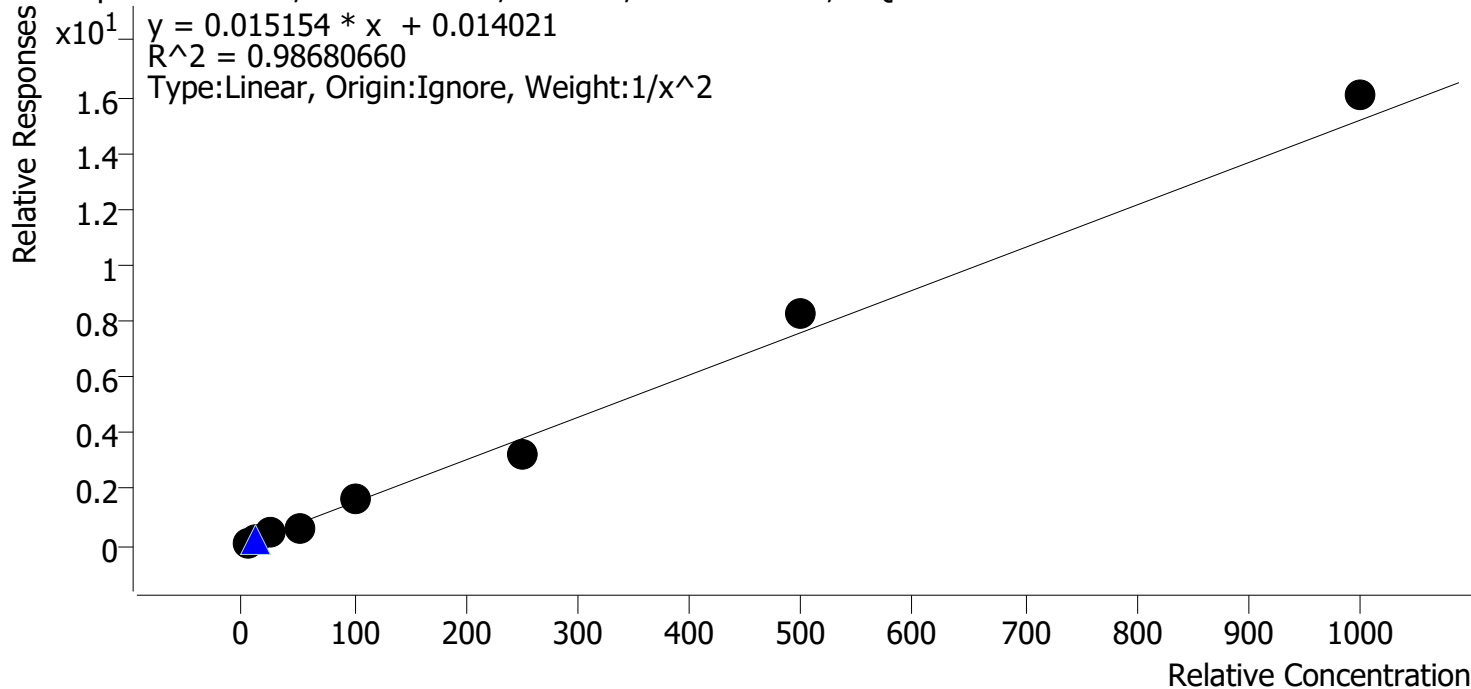
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

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



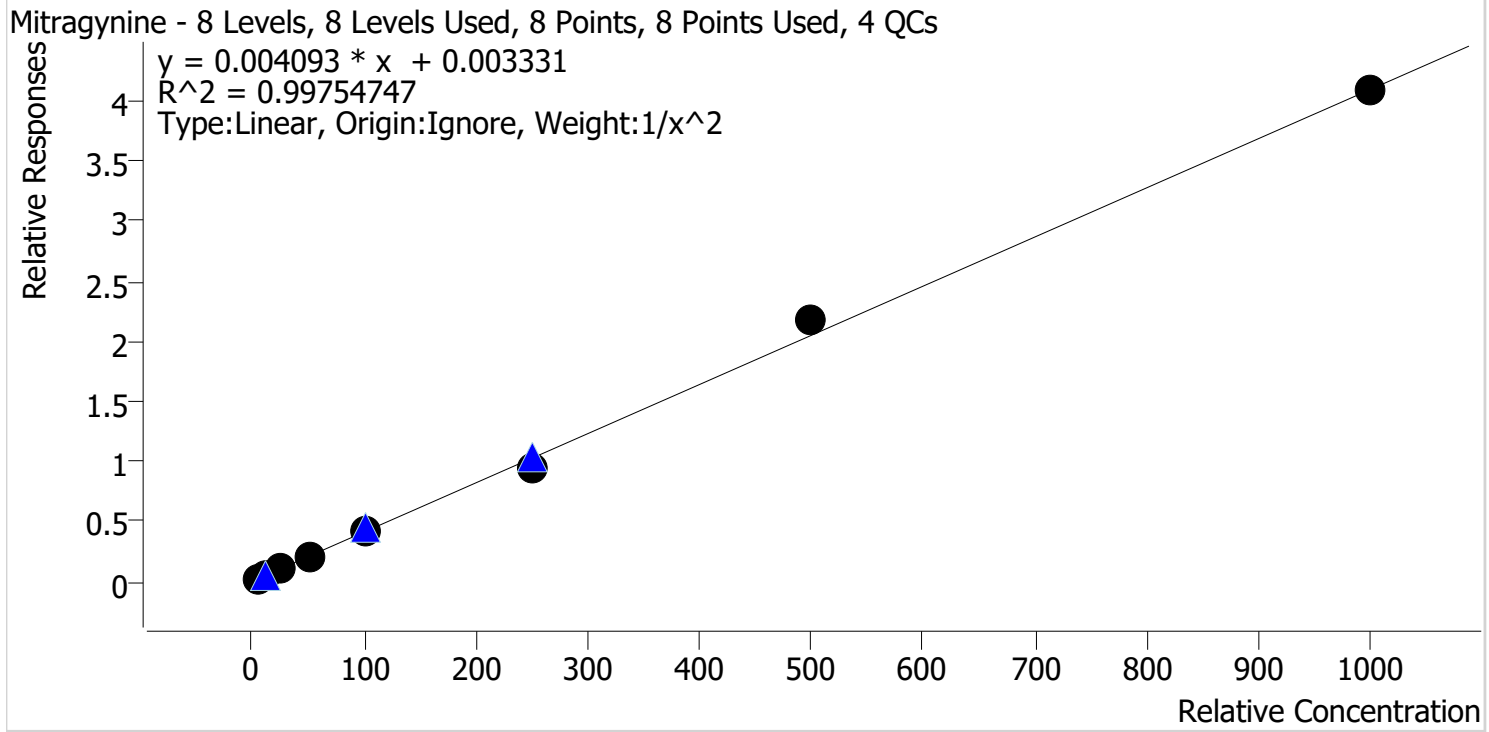
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	41.3	82.6
p1 Cal 5-100ng	5	✓	100.0	109.5	109.5
p1 Cal 6-250ng	6	✓	250.0	217.3	86.9
p1 Cal 7-500ng	7	✓	500.0	543.2	108.6
p1 Cal 8-1000ng	8	✓	1000.0	1060.2	106.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



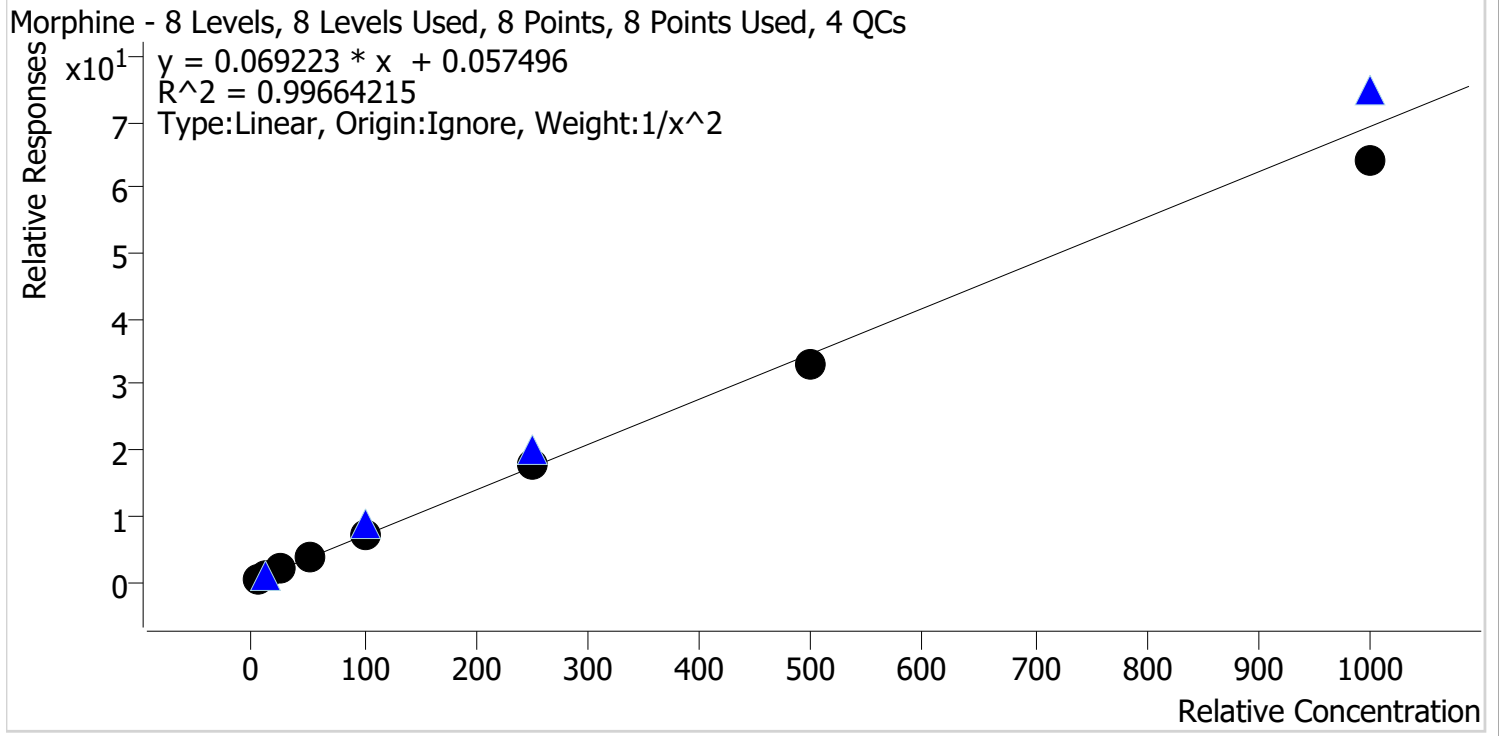
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.6
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	232.5	93.0
p1 Cal 7-500ng	7	✓	500.0	532.9	106.6
p1 Cal 8-1000ng	8	✓	1000.0	997.8	99.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.1
p1 Cal 2-10ng	2	✓	10.0	10.7	106.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	476.5	95.3
p1 Cal 8-1000ng	8	✓	1000.0	927.0	92.7

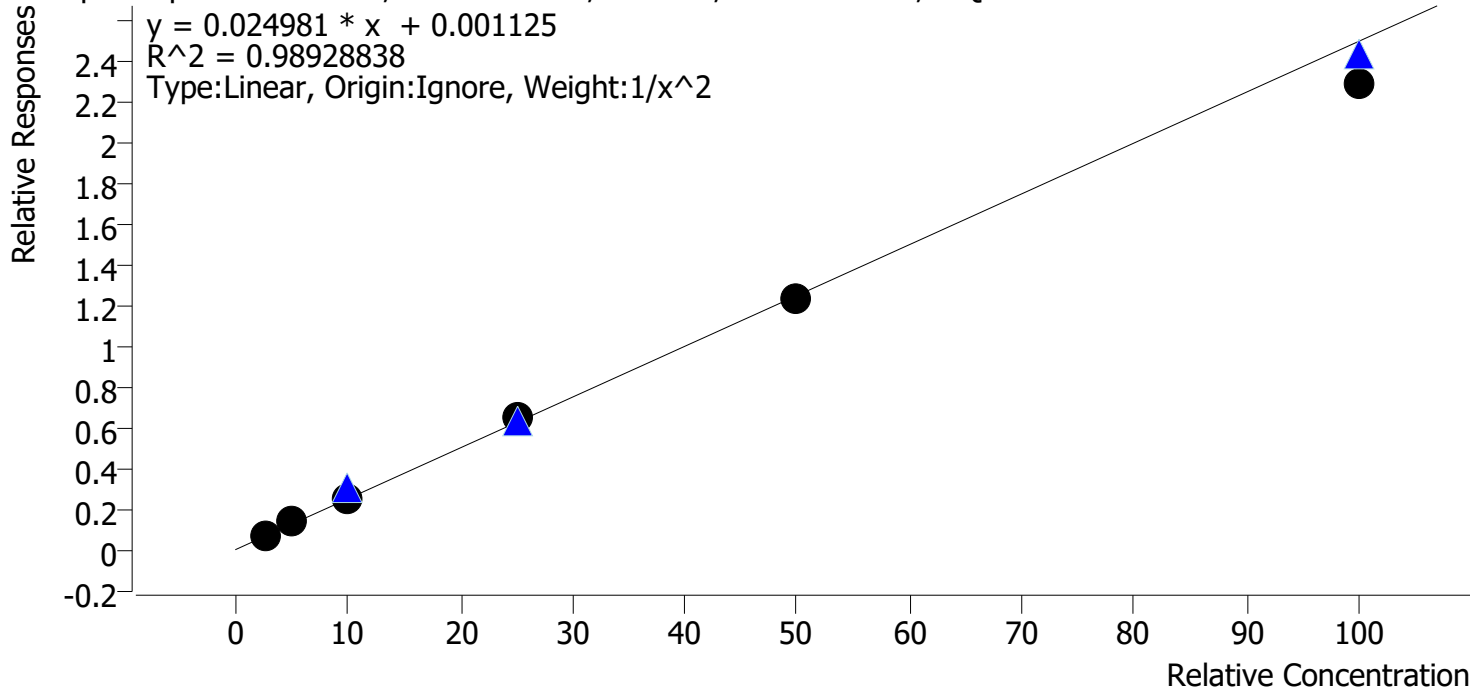
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 6 Levels, 6 Levels Used, 6 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.0
p1 Cal 4-50ng	4	✓	5.0	5.7	114.9
p1 Cal 5-100ng	5	✓	10.0	9.8	98.1
p1 Cal 6-250ng	6	✓	25.0	25.7	102.8
p1 Cal 7-500ng	7	✓	50.0	49.6	99.3
p1 Cal 8-1000ng	8	✓	100.0	91.9	91.9

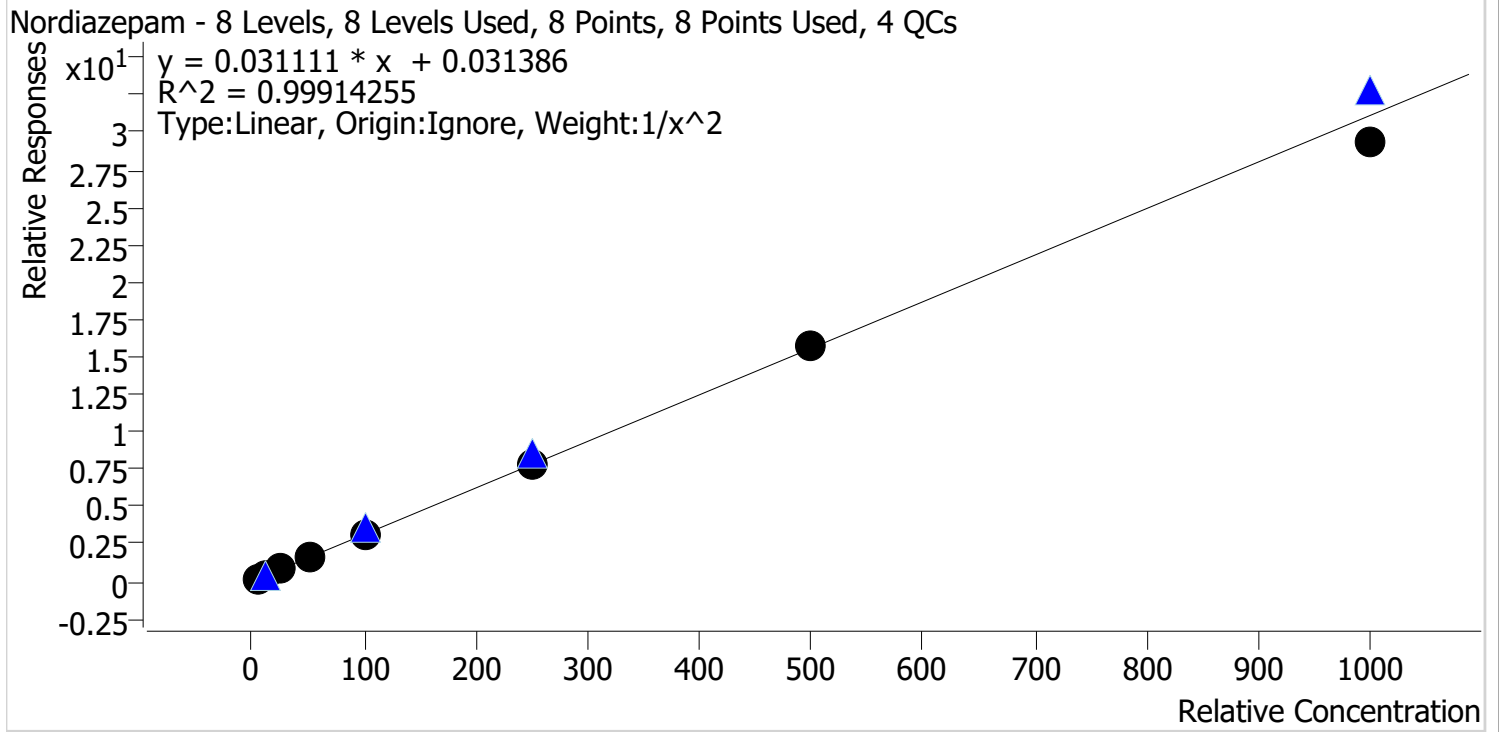
Cal 1-2 dropped due to ratio outside acceptable range

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



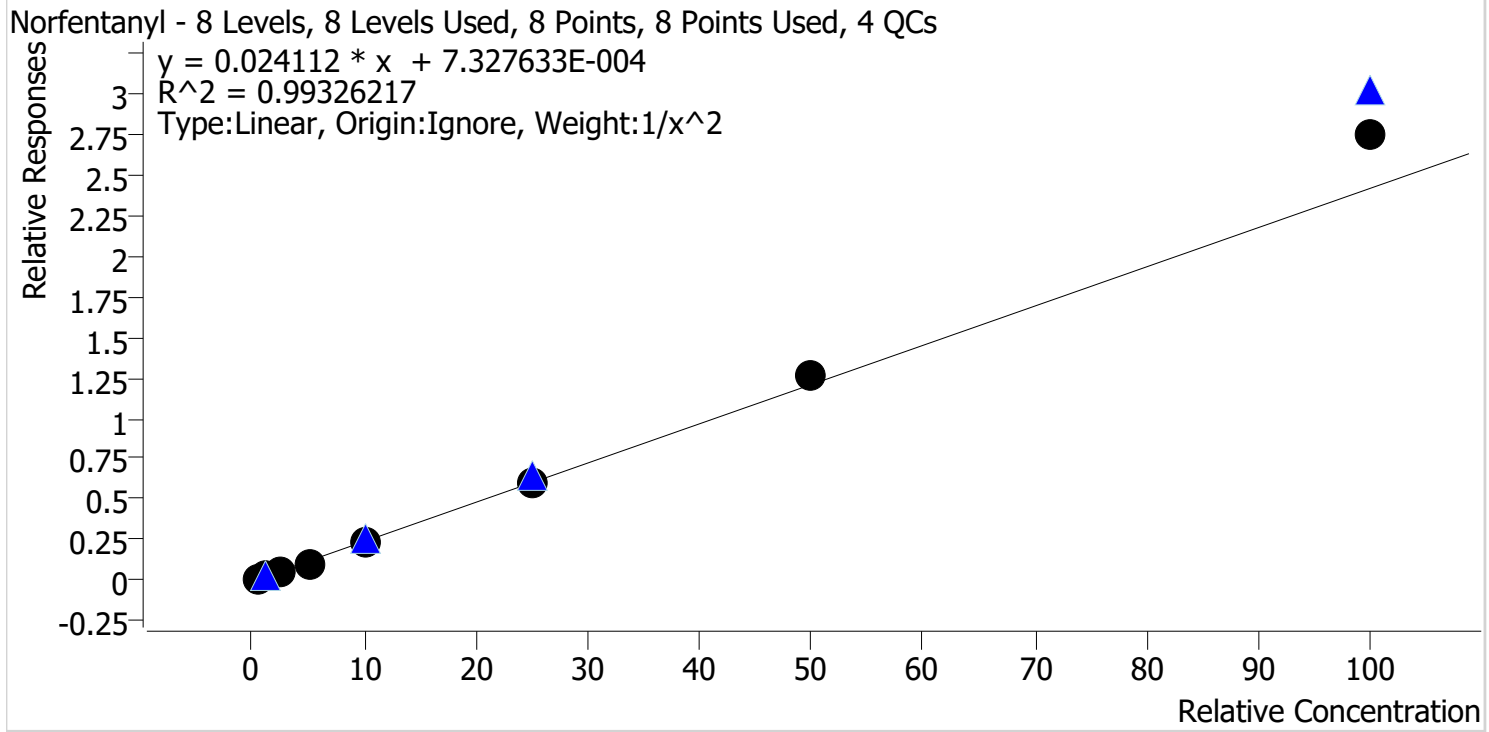
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	502.9	100.6
p1 Cal 8-1000ng	8	✓	1000.0	945.9	94.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.4
p1 Cal 2-10ng	2	✓	1.0	1.0	95.4
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.0
p1 Cal 4-50ng	4	✓	5.0	4.6	92.3
p1 Cal 5-100ng	5	✓	10.0	9.6	96.3
p1 Cal 6-250ng	6	✓	25.0	24.7	99.0
p1 Cal 7-500ng	7	✓	50.0	52.6	105.1
p1 Cal 8-1000ng	8	✓	100.0	113.5	113.5

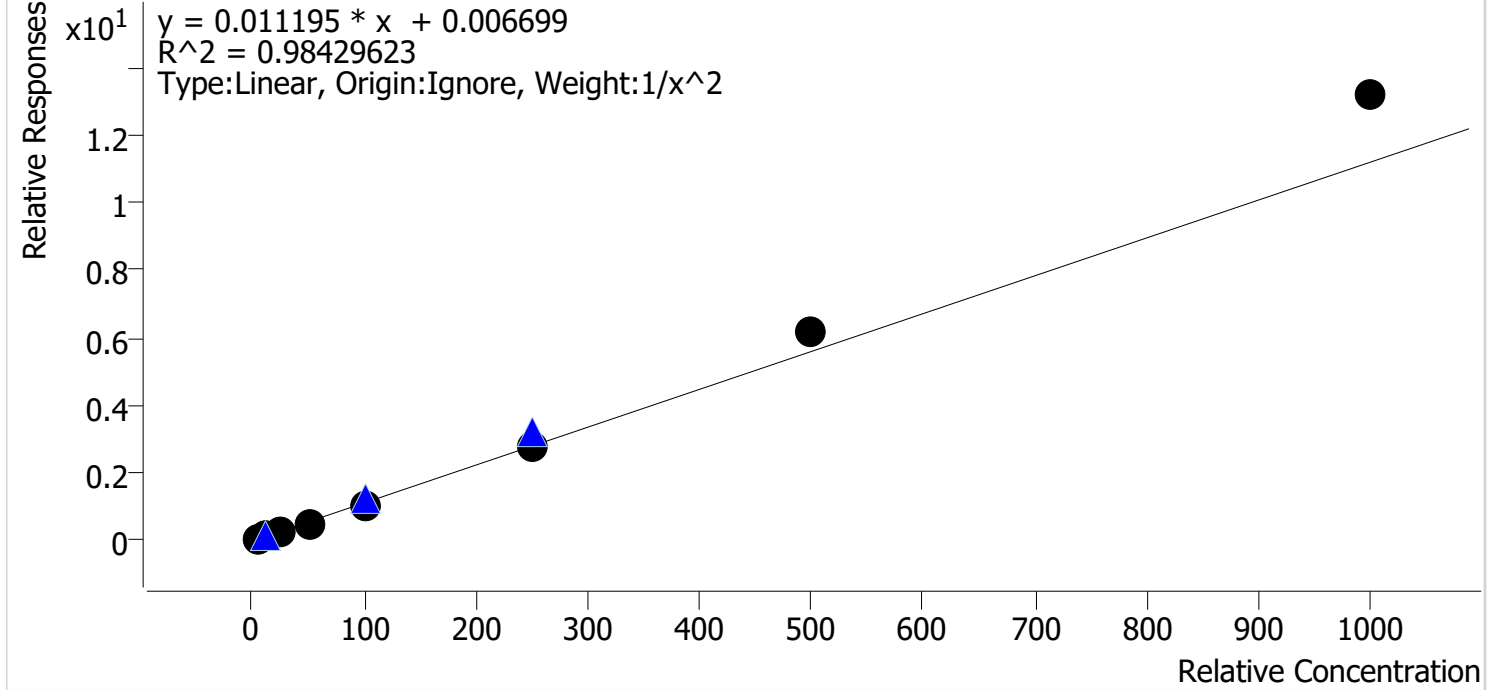
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



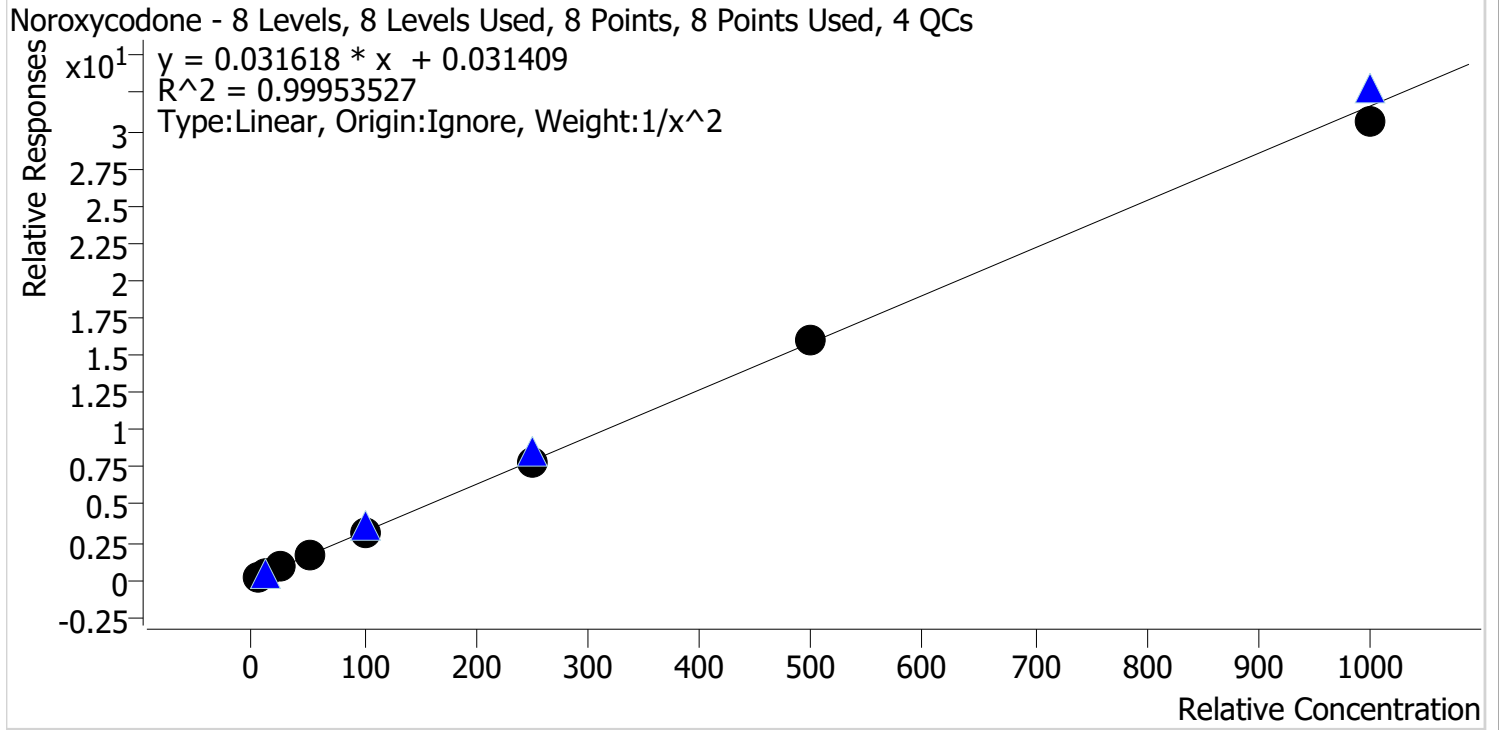
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.1
p1 Cal 2-10ng	2	✓	10.0	8.7	87.4
p1 Cal 3 -25ng	3	✓	25.0	22.7	90.6
p1 Cal 4-50ng	4	✓	50.0	45.6	91.3
p1 Cal 5-100ng	5	✓	100.0	95.6	95.6
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	552.4	110.5
p1 Cal 8-1000ng	8	✓	1000.0	1174.2	117.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	50.2	100.5
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	245.6	98.2
p1 Cal 7-500ng	7	✓	500.0	506.3	101.3
p1 Cal 8-1000ng	8	✓	1000.0	970.4	97.0

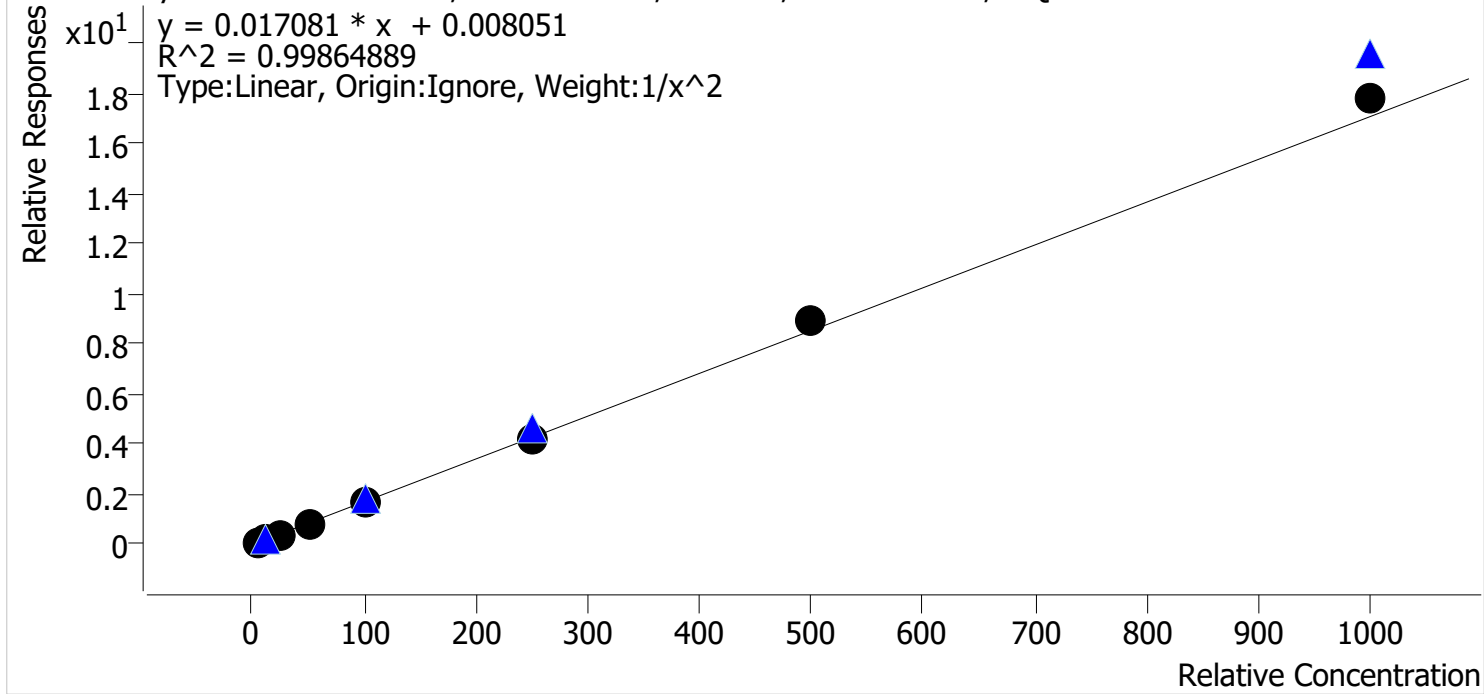
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

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



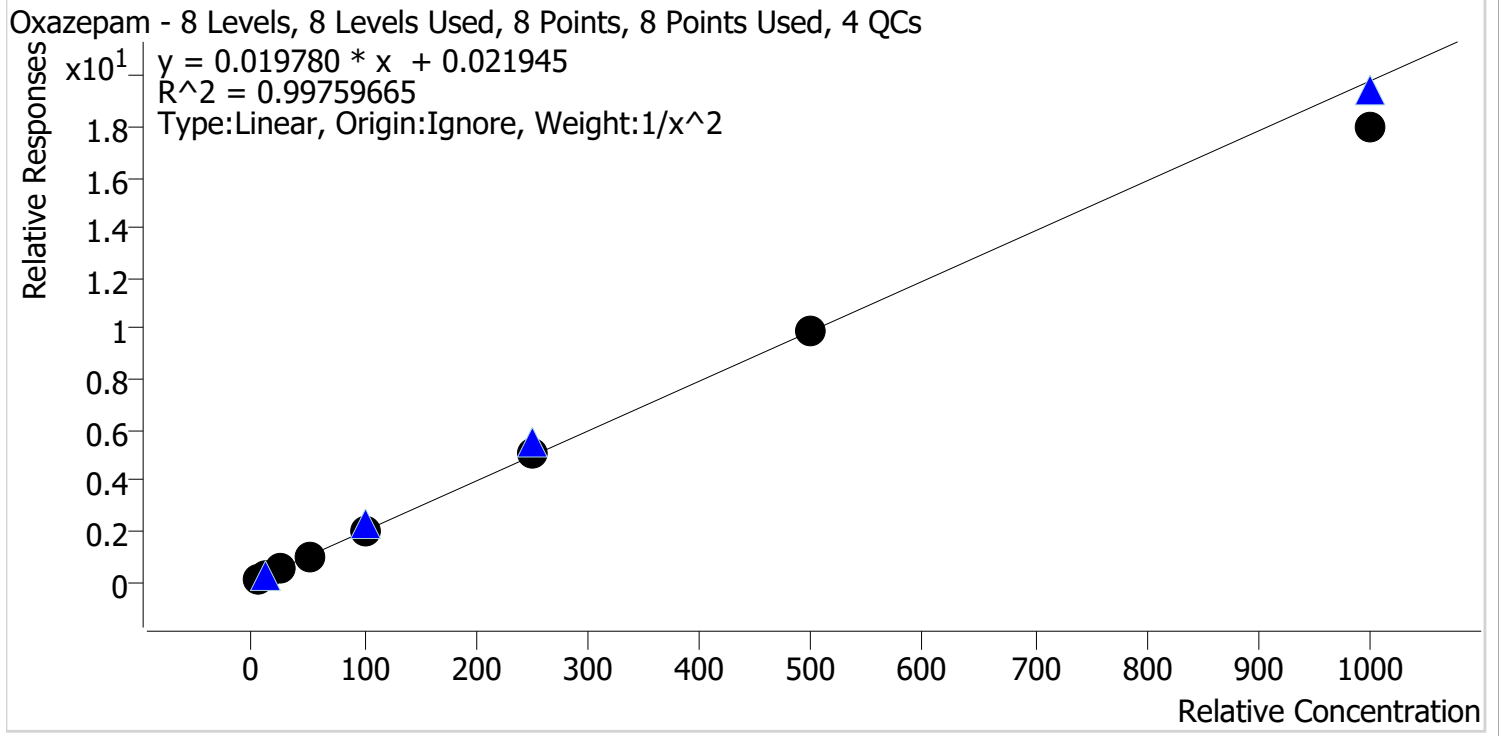
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	521.6	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1041.4	104.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Oxazepam Internal Standard Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	501.6	100.3
p1 Cal 8-1000ng	8	✓	1000.0	907.2	90.7

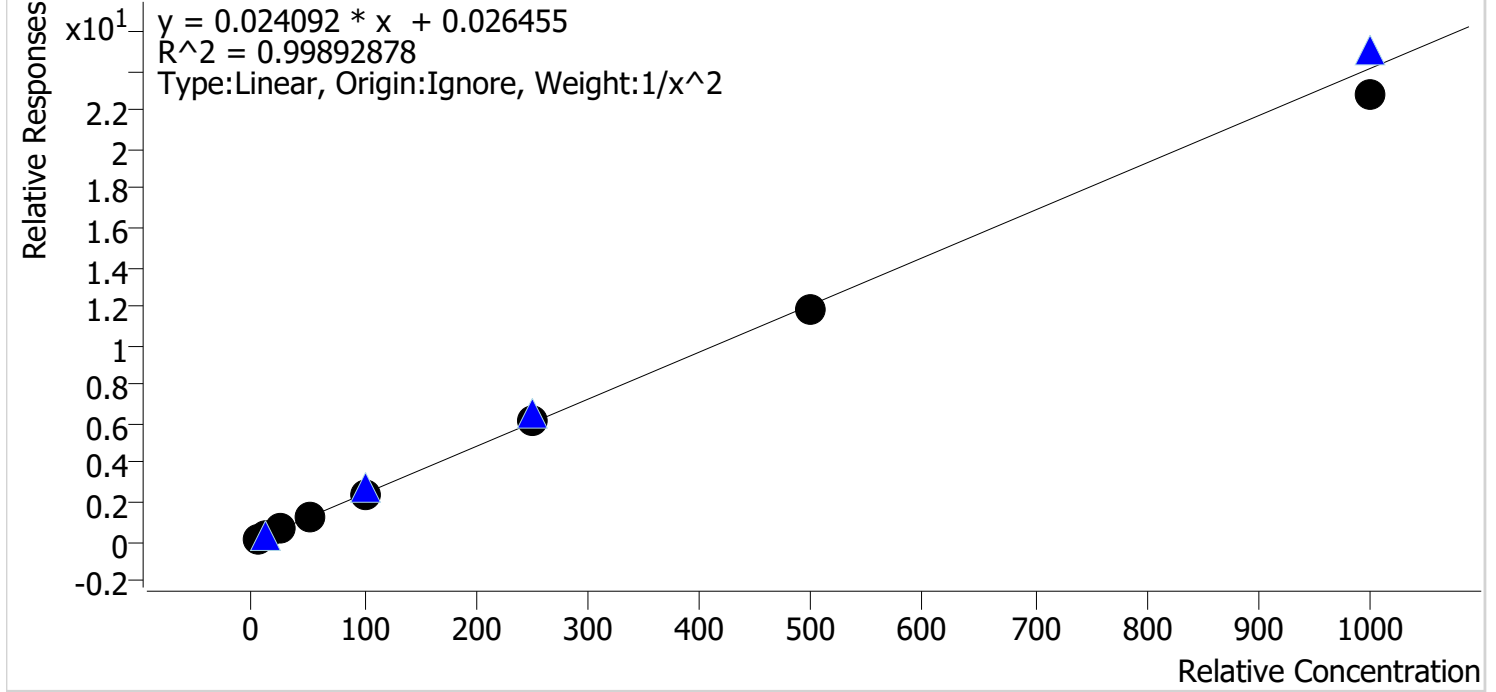
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.6
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	256.4	102.6
p1 Cal 7-500ng	7	✓	500.0	491.8	98.4
p1 Cal 8-1000ng	8	✓	1000.0	941.6	94.2

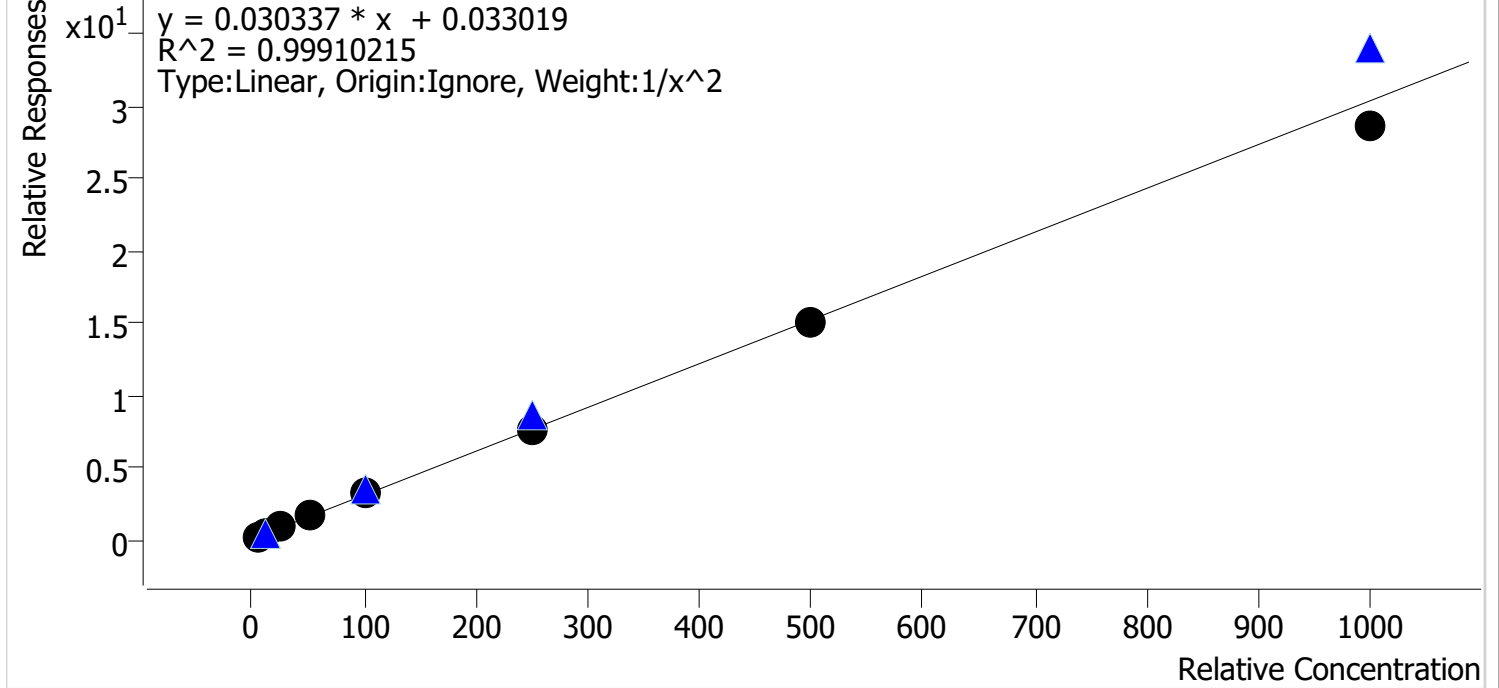
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



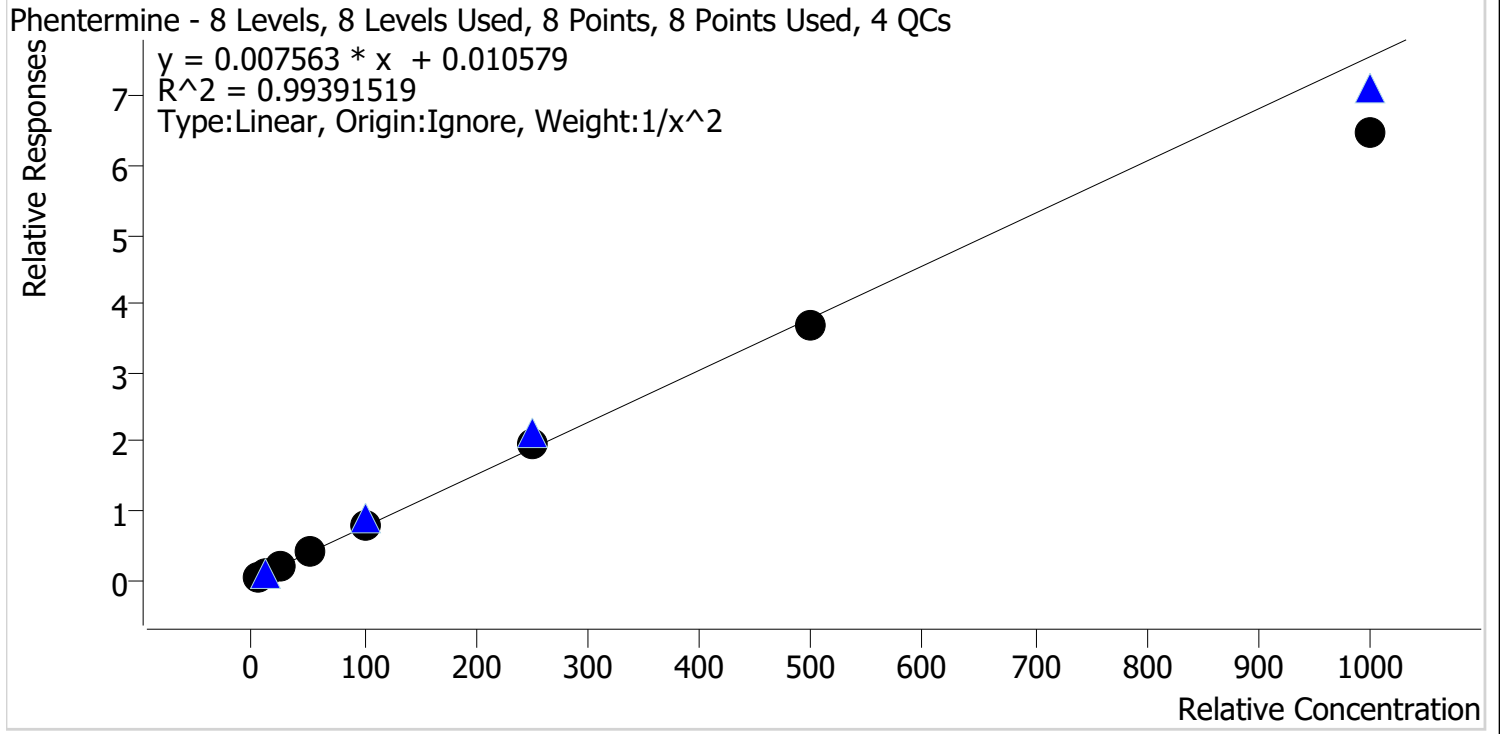
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.7	103.0
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	498.1	99.6
p1 Cal 8-1000ng	8	✓	1000.0	946.0	94.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



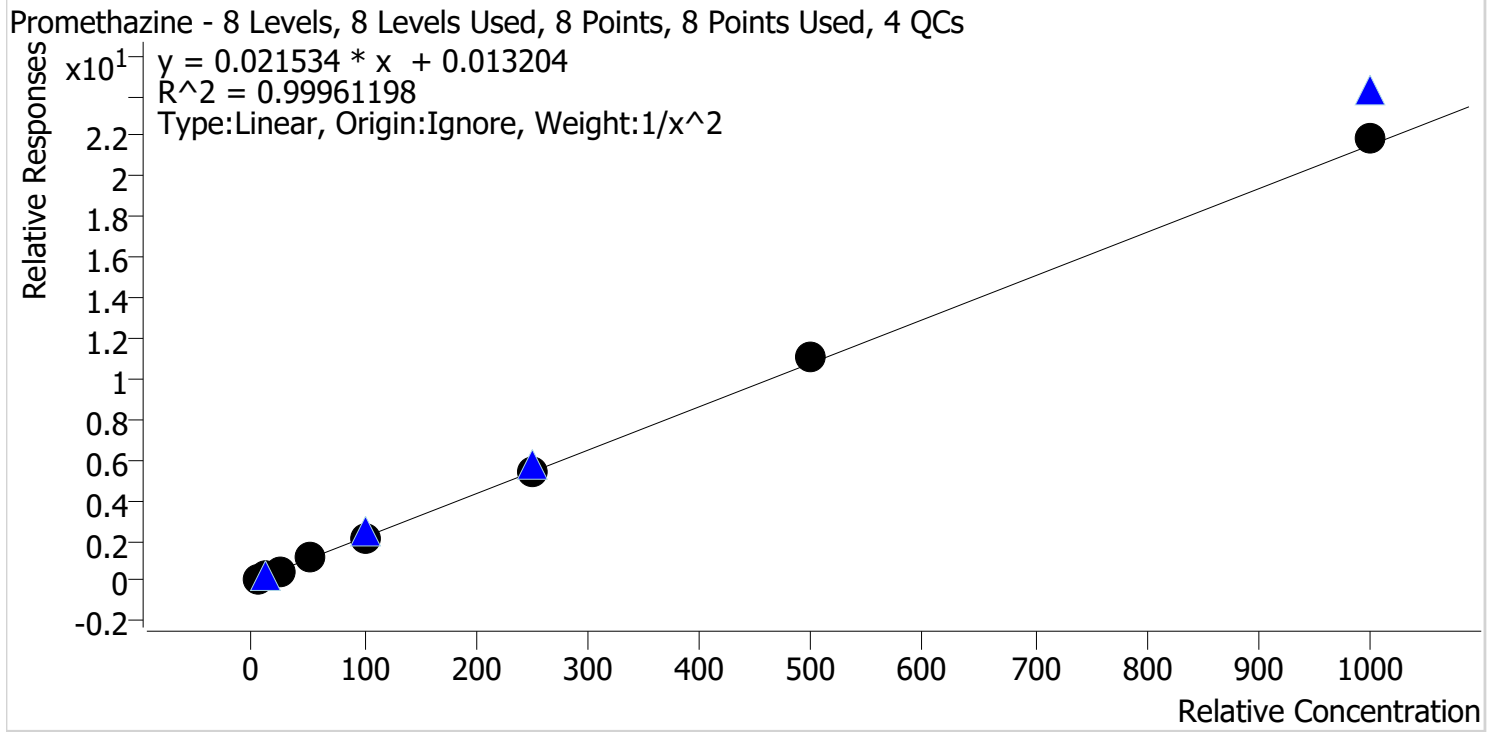
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	53.0	105.9
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	488.2	97.6
p1 Cal 8-1000ng	8	✓	1000.0	851.9	85.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	50.5	101.1
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	246.9	98.8
p1 Cal 7-500ng	7	✓	500.0	511.2	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1019.2	101.9

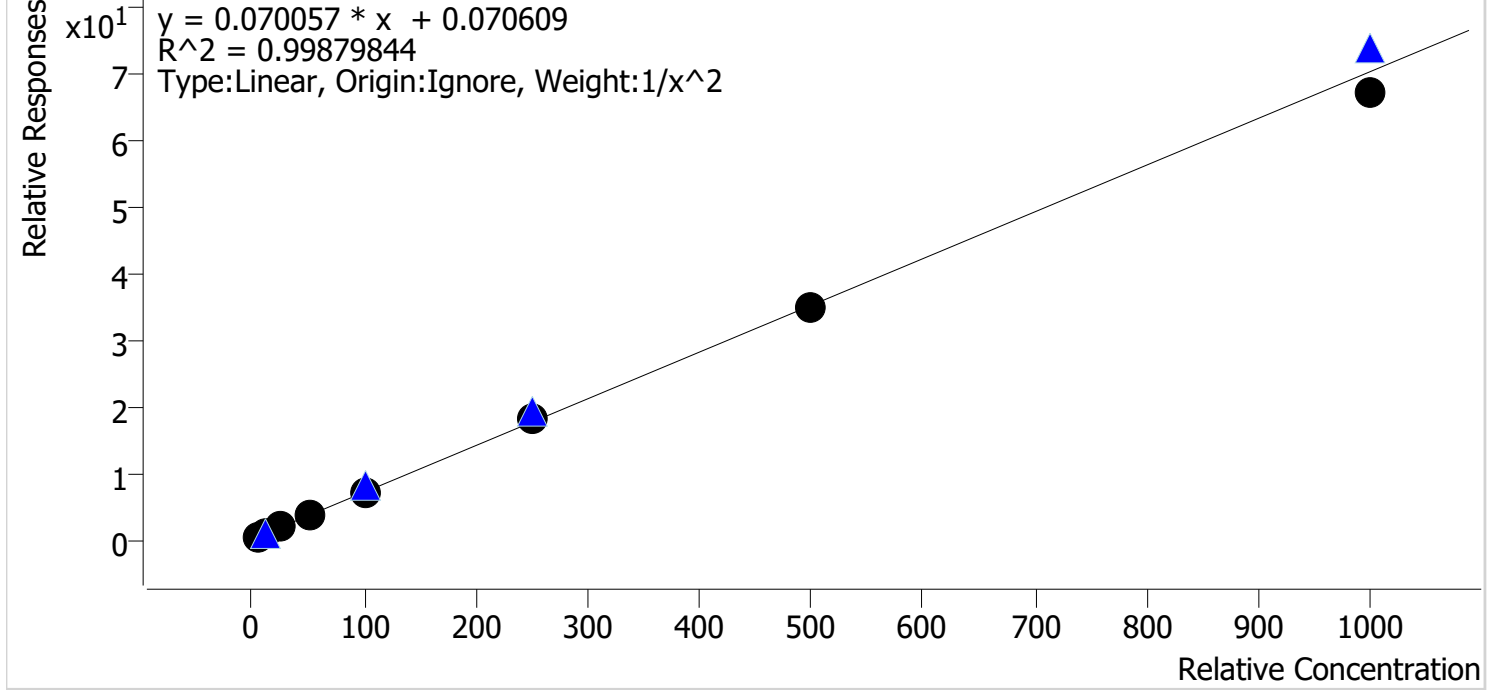
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



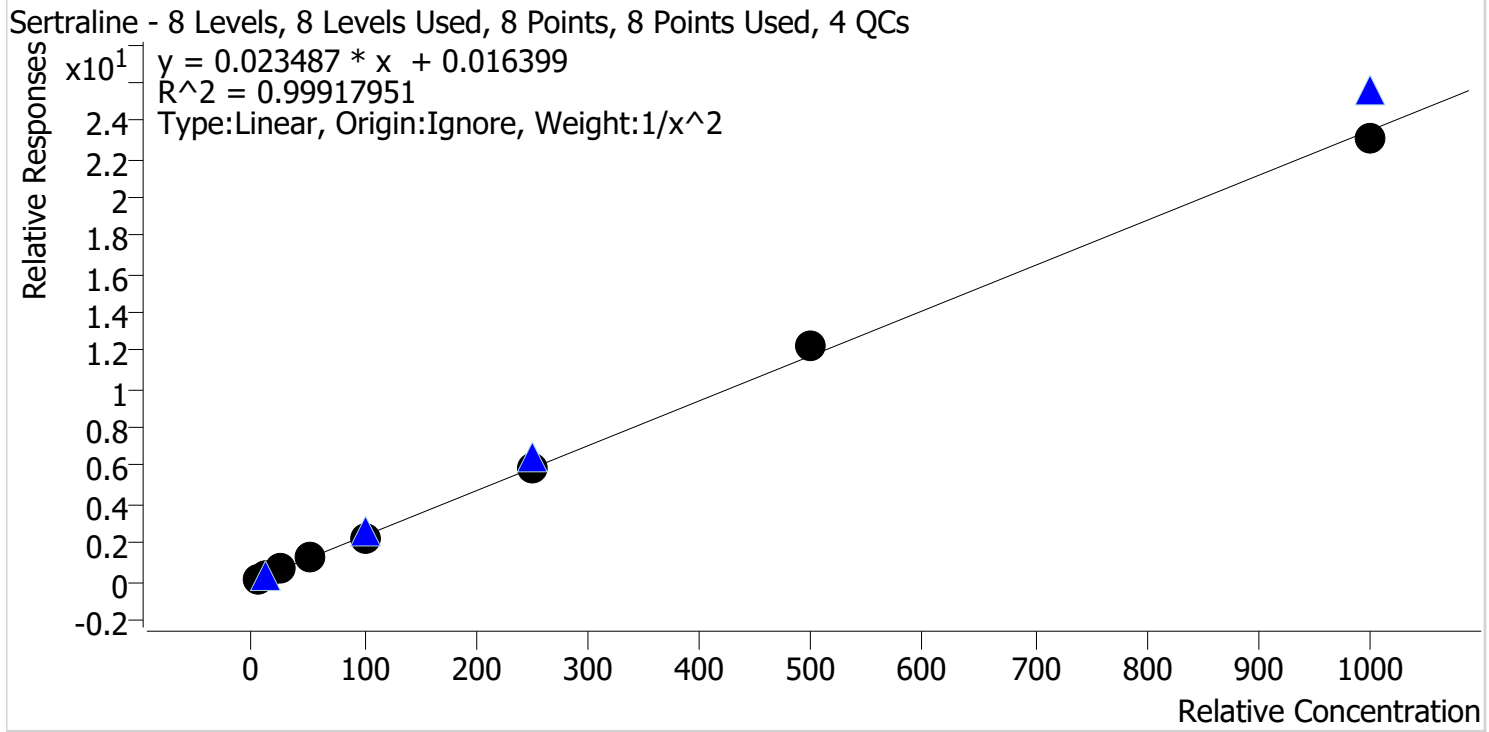
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.5	105.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	257.8	103.1
p1 Cal 7-500ng	7	✓	500.0	494.9	99.0
p1 Cal 8-1000ng	8	✓	1000.0	958.2	95.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



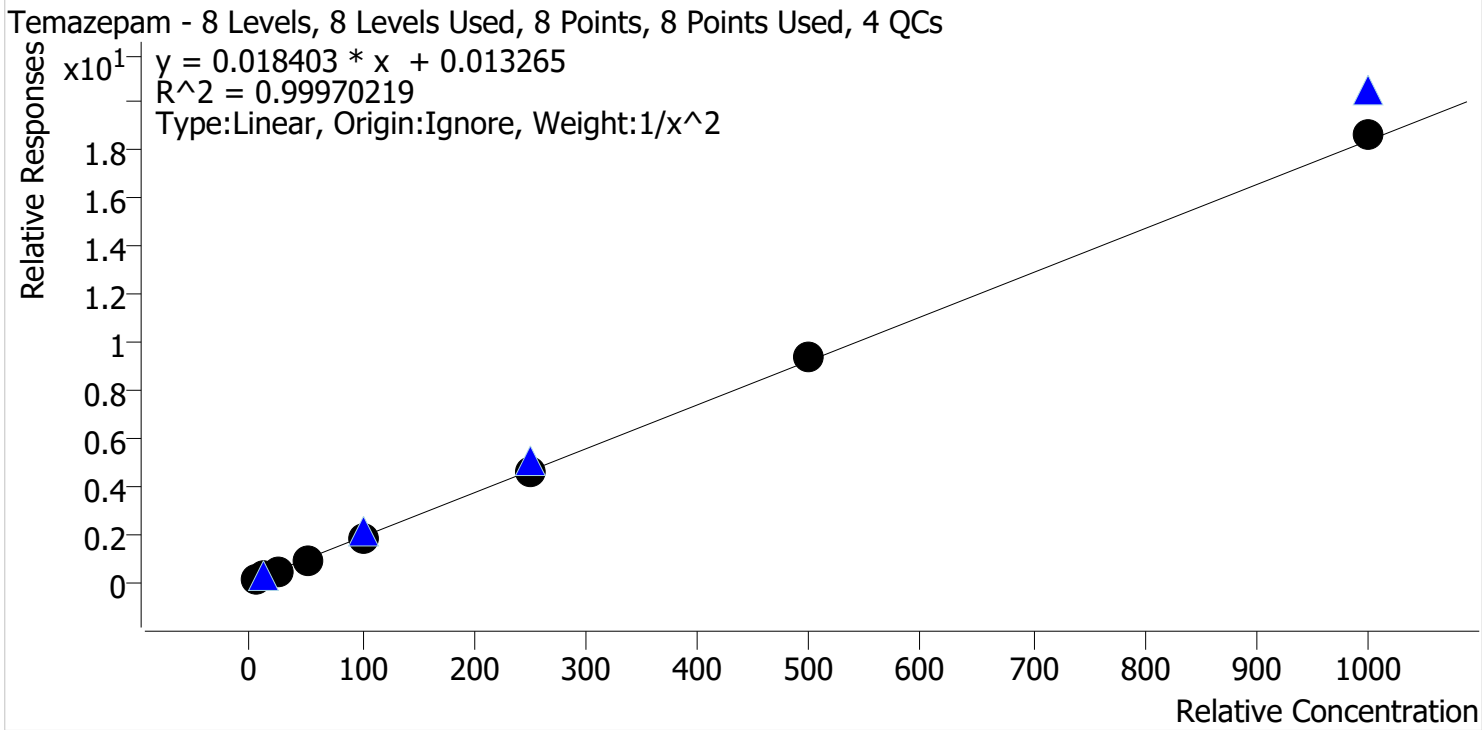
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	251.9	100.7
p1 Cal 7-500ng	7	✓	500.0	525.1	105.0
p1 Cal 8-1000ng	8	✓	1000.0	985.2	98.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



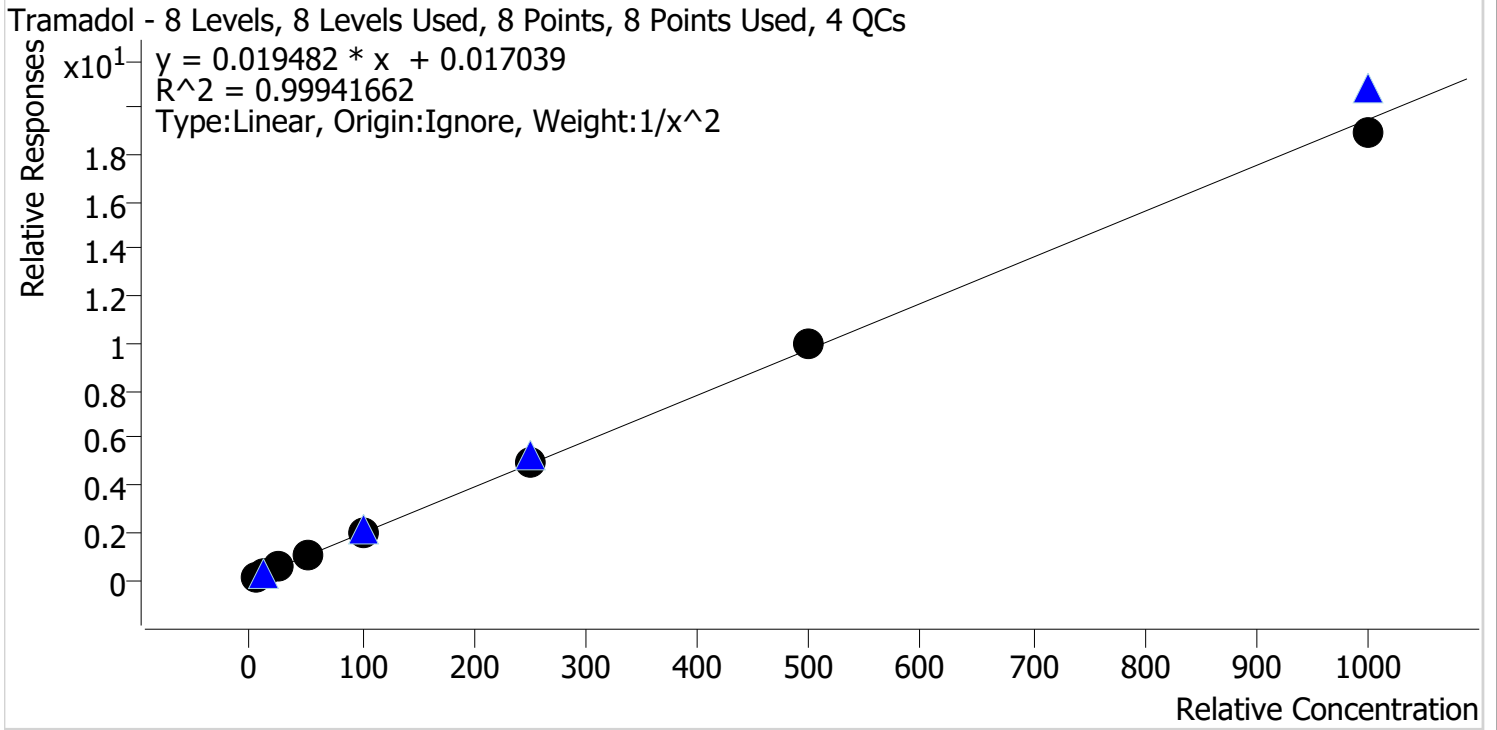
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	250.6	100.3
p1 Cal 7-500ng	7	✓	500.0	511.0	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1016.0	101.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	513.8	102.8
p1 Cal 8-1000ng	8	✓	1000.0	974.9	97.5

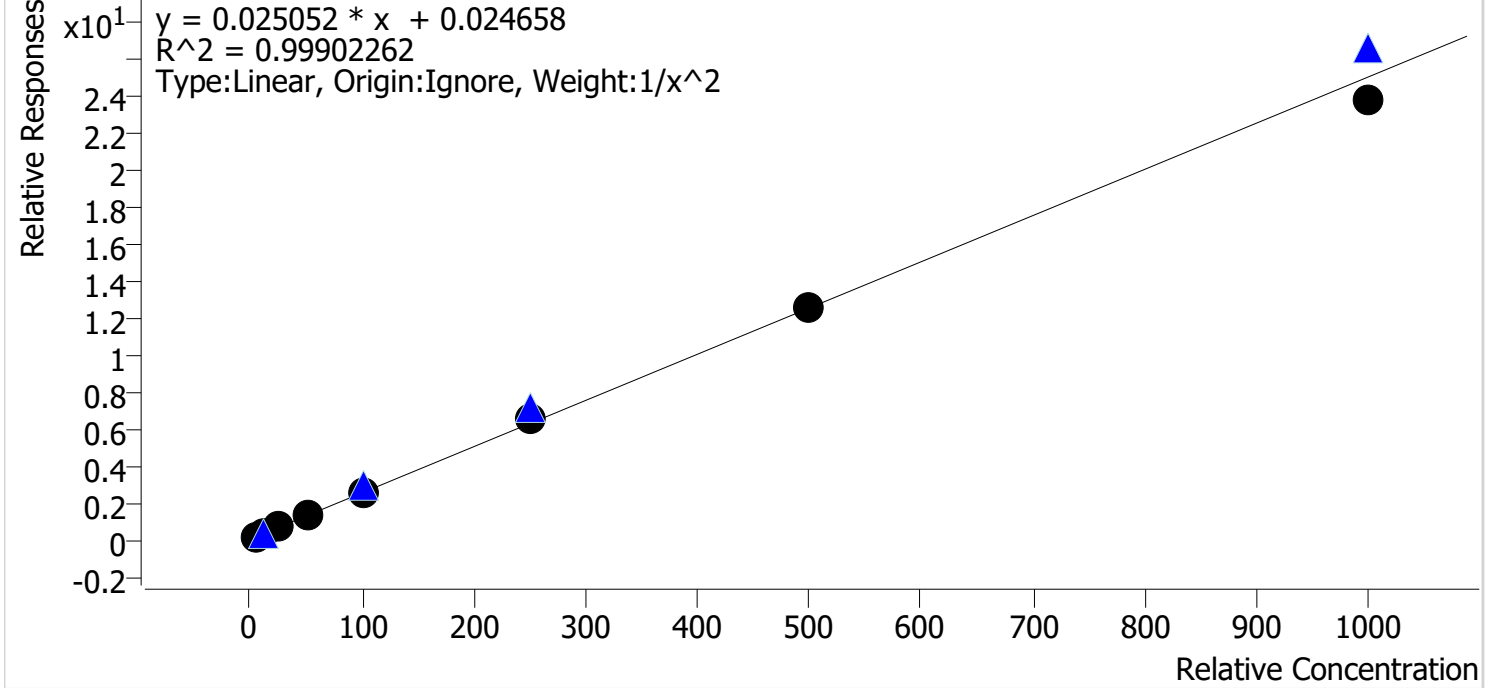
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



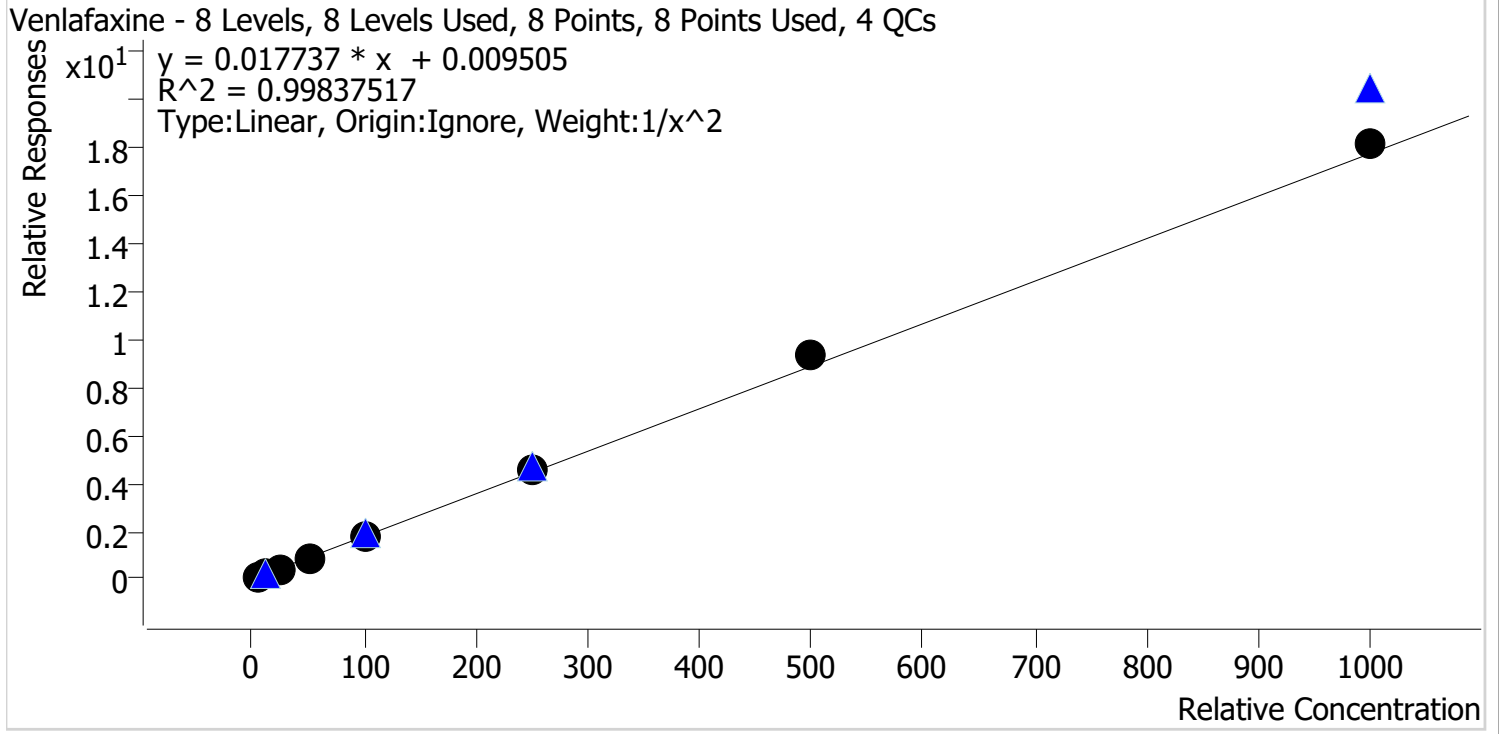
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	259.2	103.7
p1 Cal 7-500ng	7	✓	500.0	502.3	100.5
p1 Cal 8-1000ng	8	✓	1000.0	949.9	95.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



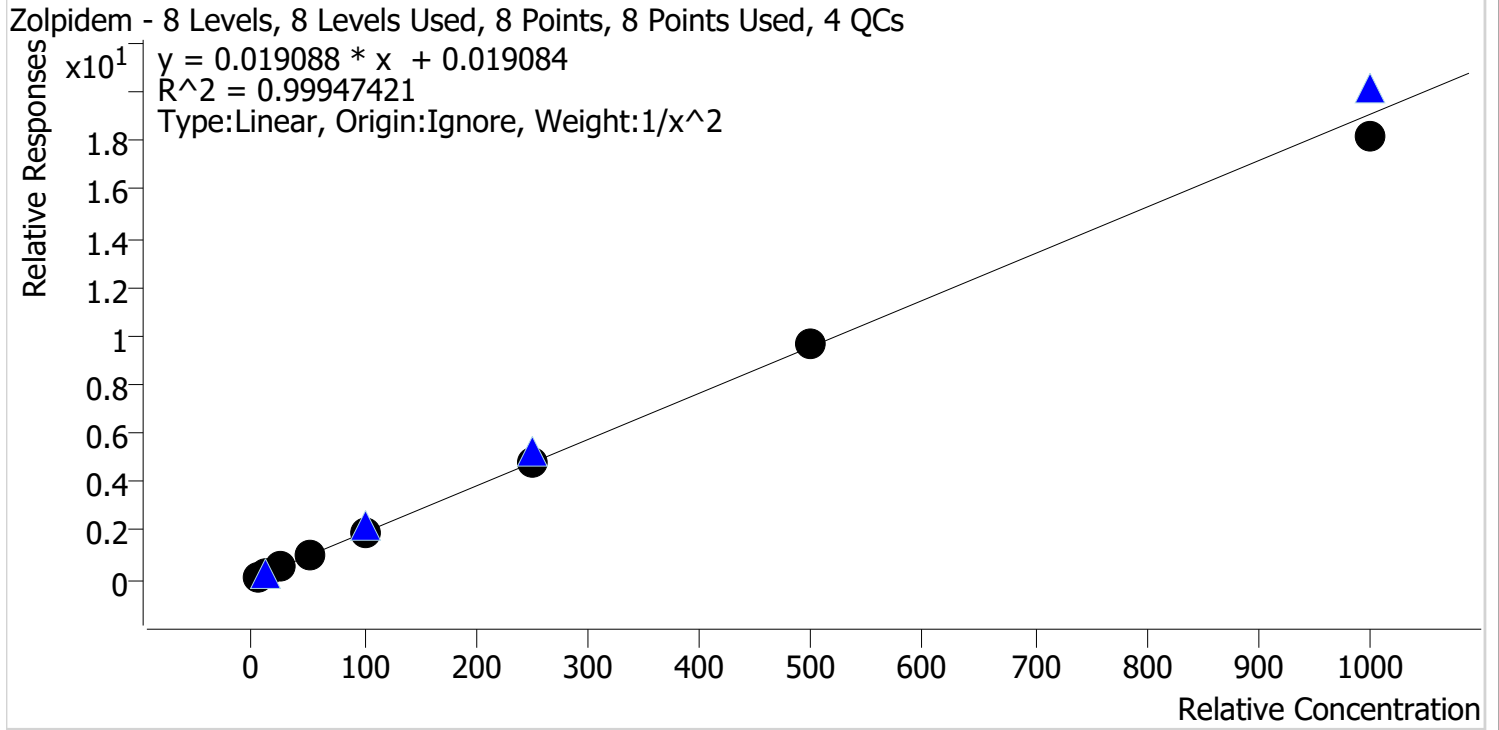
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	252.6	101.1
p1 Cal 7-500ng	7	✓	500.0	527.2	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1027.7	102.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 10/11/2021 11:14 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	508.5	101.7
p1 Cal 8-1000ng	8	✓	1000.0	954.1	95.4

SC

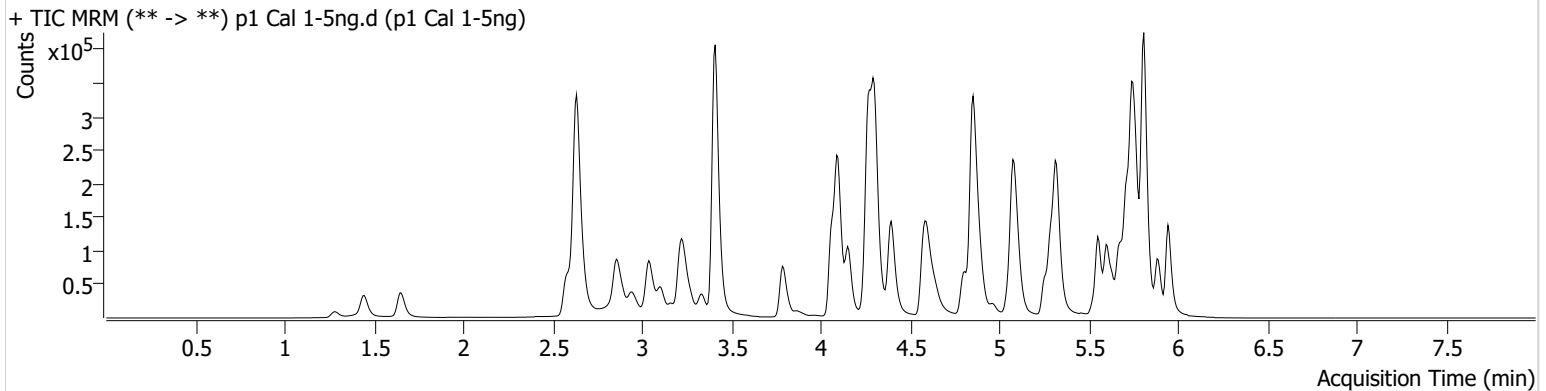


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-H12	Comment	
Injection Volume	2		
Acq. Date-Time	10/6/2021 11:15:07 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.178	971	629.82	71.5	1992.34	33364	0.5043 ng/ml
7-aminoclonazepam	4.265	18332	47.63	81.6	18399.13	166891	4.8383 ng/ml
a-hydroxyalprazolam	5.692	14934	110.61	59.1	563.75	200184	3.5415 ng/ml
alpha-PHP	4.971	8646	565.28	263.4	1057.29	317261	5.0582 ng/ml
alpha-PVP	4.403	42281	1101.61	50.3	1517.59	317261	5.0177 ng/ml
Alprazolam	5.768	42833	428.69	107.7	4042.83	200184	4.9645 ng/ml
Amphetamine	3.110	55272	924.30	51.4	272.39	77432	4.8993 ng/ml
Benzoylcegonine	3.892	2542	13.54	8.6	173.34	14909	5.2070 ng/ml
Bupropion	4.822	27408	8975.64	59.7	166.14	158516	4.9881 ng/ml
Carisoprodol	5.724	27883	421.28	50.8	34.82	255118	4.9992 ng/ml
Citalopram	5.259	15152	134.97	45.0	9137.72	125200	4.9920 ng/ml
Clonazepam	5.605	56774	1354.44	32.8	2751.42	109554	4.8558 ng/ml
Clonazolam	5.549	25644	55448.94	38.1	16000.91	109554	4.9519 ng/ml
Cocaine	4.298	44925	114.34	44.4	373.44	608609	4.9975 ng/ml
Codeine	2.634	5734	7136.16	111.2	19044.24	46733	4.8295 ng/ml
Cyclobenzaprine	5.635	10332	25096.15	12.1	70.83	69597	4.9837 ng/ml
Dextromethorphan	5.302	7409	118.68	81.4	206.23	67225	5.0506 ng/ml
Dextrophan	4.158	8331	10506.69	202.9	20697.40	198713	4.9769 ng/ml
Diazepam	5.953	28636	326.65	84.8	283.98	243613	4.9312 ng/ml
Dihydrocodeine	2.613	15787	261.11	61.9	226.45	151684	4.8350 ng/ml
Diphenhydramine	5.323	31026	414.02	33.2	593.73	444227	5.0630 ng/ml
Doxylamine	4.603	67370	1301.62	103.3	4658.99	496332	5.0312 ng/ml
EDDP	5.295	21492	122.65	44.4	93.25	222406	5.0356 ng/ml
Etizolam	5.813	20077	34848.51	30.1	10231.04	109554	6.2144 ng/ml
Fentanyl	5.123	1012	34.79	63.2	904.62	92687	0.5163 ng/ml
Flualprazolam	5.698	11737	938.50	112.0	2114.50	200184	4.8570 ng/ml
Fluoxetine	5.727	11934	199.07	10.3	789.40	90404	5.5300 ng/ml
Hydrocodone	3.066	16345	171.73	39.2	30.89	182174	4.8374 ng/ml
Hydromorphone	1.660	15985	924.61	75.6	759.98	92165	5.0408 ng/ml
Ketamine	4.079	41413	179.20	40.5	128.41	331430	4.9625 ng/ml
Lamotrigine	4.314	3989	163.70	82.6	315.51	331430	4.9411 ng/ml
Levetiracetam	2.676	19059	342.49	156.2	786.45	869669	4.9117 ng/ml
Lorazepam	5.740	56087	1308.82	52.1	330.47	109554	4.7718 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.250	40746	544.47	18.9	189.02	134103	4.8167 ng/ml
MDMA	3.343	29649	21092.61	56.5	433.65	44586	4.9911 ng/ml
Meprobamate	4.917	12229	193.33	26.5	587.71	98295	4.9220 ng/ml
Methadone	5.673	21551	2098.71	46.2	80.47	160677	4.9696 ng/ml
Methamphetamine	3.278	27900	106.94	43.0	52.46	221036	4.9823 ng/ml
Metoprolol	4.360	6735	6225.08	90.6	557.35	699184	5.0500 ng/ml
Mirtazapine	4.644	28227	641.00	43.9	315.73	317261	4.9458 ng/ml
Mitragynine	5.244	3767	6743.30	41.7	1243.10	160677	4.9144 ng/ml
Morphine	1.294	2716	6825.93	22.2	4116.76	6963	4.8039 ng/ml
Nordiazepam	5.893	25584	283.00	58.0	210.31	137492	4.9722 ng/ml
Norfentanyl	4.120	7025	13871.13	36.5	18.96	527659	0.5218 ng/ml
Norhydrocodone	3.113	1354	31.28	35.3	65.91	19979	5.4546 ng/ml
Noroxycodone	2.964	17806	395.00	46.3	30318.32	95172	4.9239 ng/ml
O-desmethyl-tramadol	3.416	95649	6232.95	6.6	276.44	1013844	5.0520 ng/ml
Oxazepam	5.749	54186	276.68	72.5	77.91	457428	4.8792 ng/ml
Oxycodone	2.888	41443	758.53	27.5	197.30	284642	4.9453 ng/ml
Oxymorphone	1.445	16708	490.40	44.3	322.49	91679	4.9190 ng/ml
Phentermine	3.824	10238	34.02	3.2	5.33 Low	216269	4.8607 ng/ml
Promethazine	5.560	23383	20532.67	27.8	238.96	192090	5.0396 ng/ml
Pseudoephedrine	2.643	95485	296.67	14.4	4316.36	869669	5.0765 ng/ml
Quetiapine	5.541	20538	154.93	56.5	43276.22	49872	4.8703 ng/ml
Sertraline	5.796	7163	270.83	100.3	119.18	52985	5.0579 ng/ml
Temazepam	5.816	82505	276.16	30.2	156.97	779579	5.0300 ng/ml
Tramadol	4.279	80200	1014.70	3.4	29.79	699184	5.0132 ng/ml
Trazodone	5.094	18719	40316.81	75.9	589.89	126111	4.9406 ng/ml
Venlafaxine	5.077	49151	300.97	37.9	212.54	490610	5.1125 ng/ml
Zolpidem	4.874	97057	1062.67	31.1	854.57	849670	4.9845 ng/ml

SC

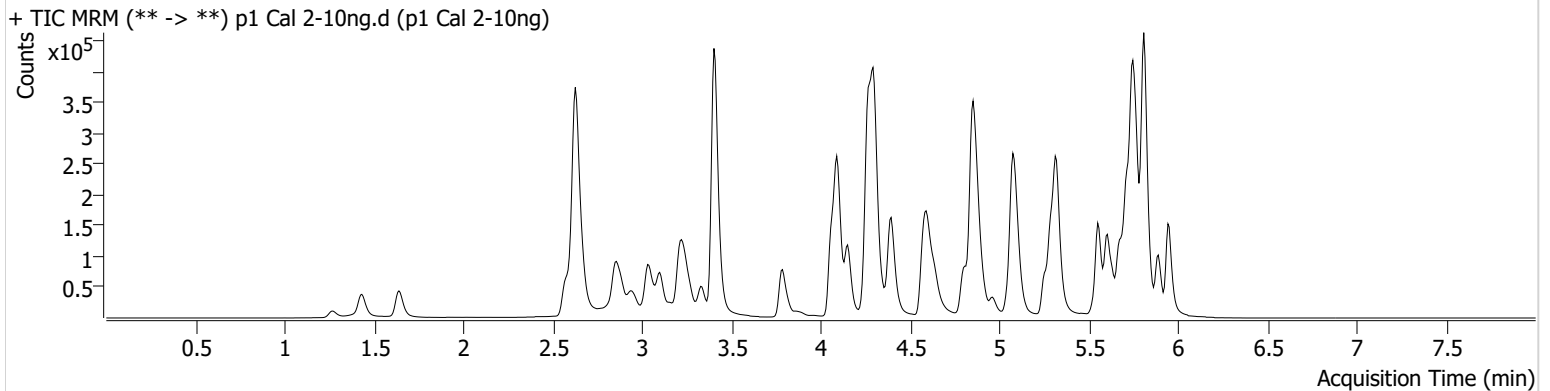


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-G12	Comment	
Injection Volume	2		
Acq. Date-Time	10/6/2021 11:25:53 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	1834	515.35	72.5	1219.54	33714	1.0030 ng/ml
7-aminoclonazepam	4.265	32980	45.53	82.2	2169.66	161649	10.3794 ng/ml
a-hydroxyalprazolam	5.692	26582	220.54	60.3	250.14	193675	9.9571 ng/ml
alpha-PHP	4.964	15875	455.27	277.5	14931.27	317812	9.9070 ng/ml
alpha-PVP	4.403	80419	4155.99	50.0	1302.52	317812	10.1196 ng/ml
Alprazolam	5.768	77611	2373.10	110.0	280.61	193675	10.0475 ng/ml
Amphetamine	3.103	105596	533.58	50.5	156.68	82381	9.9210 ng/ml
Benzoylecgonine	3.892	4231	971.78	9.0	30.92	14385	9.4406 ng/ml
Bupropion	4.815	54035	4383.27	59.4	140.33	166896	9.9793 ng/ml
Carisoprodol	5.724	52000	57436.98	49.7	242.15	247431	10.1785 ng/ml
Citalopram	5.253	30283	856.43	42.8	94.18	131437	10.1173 ng/ml
Clonazepam	5.605	106717	11144.96	30.6	56571.03	106795	10.3988 ng/ml
Clonazolam	5.549	47037	1288.23	37.6	45594.76	106795	10.1679 ng/ml
Cocaine	4.298	85271	2647.76	45.7	1100.72	611423	10.1599 ng/ml
Codeine	2.627	10287	66.44	105.9	23931.98	45854	10.0910 ng/ml
Cyclobenzaprine	5.635	19696	86.28	10.7	69.04	67434	10.1981 ng/ml
Dextromethorphan	5.302	14373	522.62	80.9	3441.74	67485	10.1880 ng/ml
Dextrophan	4.152	16268	240.89	203.0	2341.95	203864	10.2178 ng/ml
Diazepam	5.953	52662	270.47	87.5	349.40	237100	10.2208 ng/ml
Dihydrocodeine	2.606	29015	2432.63	63.5	216.22	148976	10.3956 ng/ml
Diphenhydramine	5.323	58598	3185.98	32.7	1382.41	452984	9.9358 ng/ml
Doxylamine	4.603	132592	960.60	99.7	5026.11	513449	10.0574 ng/ml
EDDP	5.295	43864	21576.03	42.8	1604.52	241936	9.9951 ng/ml
Etizolam	5.813	38000	46716.24	28.1	18254.25	106795	10.7579 ng/ml
Fentanyl	5.123	1830	25.53	65.6	4173.54	92798	0.9794 ng/ml
Flualprazolam	5.698	21977	1894.80	108.5	3550.23	193675	10.2887 ng/ml
Fluoxetine	5.727	23123	43739.33	8.8	4072.86	94609	10.2255 ng/ml
Hydrocodone	3.066	30750	496.00	37.6	74.58	180531	10.4174 ng/ml
Hydromorphone	1.648	29083	249.07	77.1	68896.78	92416	9.7311 ng/ml
Ketamine	4.079	76413	644.54	41.4	422.02	332138	10.1047 ng/ml
Lamotrigine	4.307	7295	520.40	79.2	5302.97	332138	10.1626 ng/ml
Levetiracetam	2.670	34991	446.90	154.7	874.58	882842	10.0850 ng/ml
Lorazepam	5.747	101065	957.49	51.7	176.48	106795	10.7315 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.243	78560	757.76	18.3	99.14	136492	10.4064 ng/ml
MDMA	3.337	57207	97062.99	55.6	413.57	45900	10.0843 ng/ml
Meprobamate	4.917	22565	9188.85	26.4	280.87	98139	10.1449 ng/ml
Methadone	5.673	41034	185.37	46.6	321.66	159976	10.1664 ng/ml
Methamphetamine	3.271	46869	107.14	42.2	196.33	227738	9.6855 ng/ml
Metoprolol	4.360	12504	139.09	88.1	725.13	709542	9.9801 ng/ml
Mirtazapine	4.637	54233	1637.52	44.5	5048.98	317812	10.3355 ng/ml
Mitragynine	5.244	7298	3103.92	41.8	26.54	159976	10.3309 ng/ml
Morphine	1.274	5366	1339.20	20.3	938.94	6744	10.6638 ng/ml
Nordiazepam	5.893	46074	204359.33	60.3	446.41	134424	10.0083 ng/ml
Norfentanyl	4.120	12802	132.41	39.5	21.67	539520	0.9537 ng/ml
Norhydrocodone	3.107	2139	96.13	41.0	21.67	20451	8.7448 ng/ml
Noroxycodone	2.957	34327	765.08	42.2	252.14	96507	10.2565 ng/ml
O-desmethyl-tramadol	3.409	179442	12787.89	6.4	883.66	1000505	10.0289 ng/ml
Oxazepam	5.749	99550	2318.23	73.9	687.34	437112	10.4042 ng/ml
Oxycodone	2.881	77478	594.08	29.1	691.53	288085	10.0651 ng/ml
Oxymorphone	1.432	30753	∞	44.7	94.12	89976	10.1781 ng/ml
Phentermine	3.824	19521	210.23	2.7	5.13 Low	221803	10.2383 ng/ml
Promethazine	5.560	44401	377.54	29.6	203.48	195951	9.9094 ng/ml
Pseudoephedrine	2.637	184043	6884.05	14.2	2407.34	882842	9.9281 ng/ml
Quetiapine	5.541	39440	123919.67	56.4	38890.10	48889	10.5071 ng/ml
Sertraline	5.796	13835	1198.40	102.4	180.49	56138	9.7944 ng/ml
Temazepam	5.816	147496	3087.02	31.4	131.48	749729	9.9694 ng/ml
Tramadol	4.279	150926	1377.37	2.9	121.24	709542	10.0437 ng/ml
Trazodone	5.094	35834	44627.24	72.5	127970.16	127600	10.2257 ng/ml
Venlafaxine	5.077	92944	150.14	38.7	898.59	506121	9.8178 ng/ml
Zolpidem	4.874	179353	2643.82	31.1	35641.72	851278	10.0379 ng/ml

SC

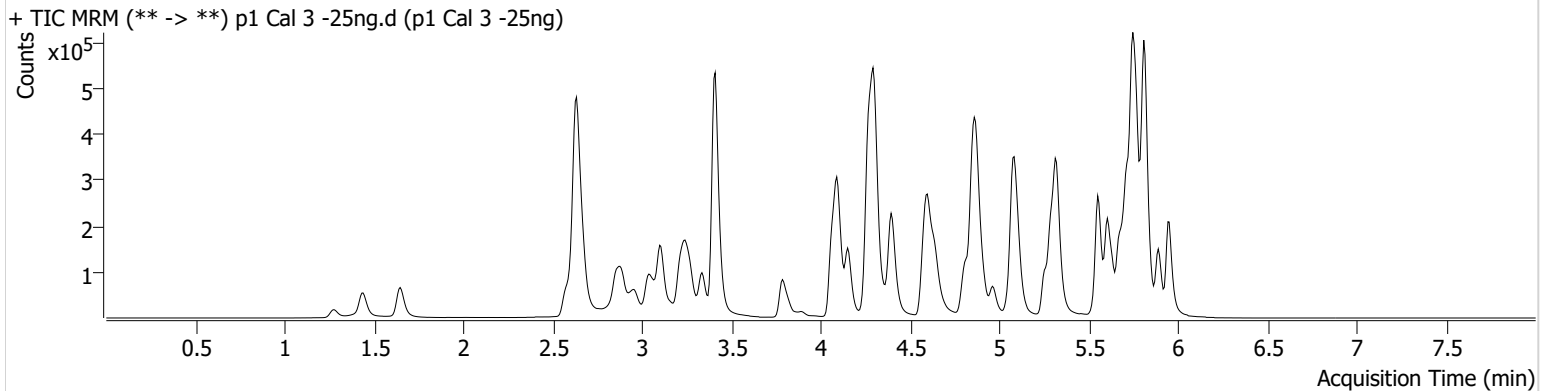


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-F12	Comment	
Injection Volume	2		
Acq. Date-Time	10/6/2021 11:36:29 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	4277	1307.56	74.4	96.37	33828	2.4251 ng/ml
7-aminoclonazepam	4.265	76113	∞	83.7	111012.83	161526	26.1006 ng/ml
a-hydroxyalprazolam	5.692	59522	176.08	60.9	631.66	186571	28.5729 ng/ml
alpha-PHP	4.964	38929	484.30	269.3	500.84	327544	24.6265 ng/ml
alpha-PVP	4.403	189604	277.37	50.8	325.92	327544	23.9990 ng/ml
Alprazolam	5.768	180196	1494.76	107.1	3942.76	186571	25.4279 ng/ml
Amphetamine	3.110	273060	1955.63	48.9	1215.90	84472	27.1683 ng/ml
Benzoylecgonine	3.892	10272	129.60	8.5	124.31	14110	24.3033 ng/ml
Buprenorphine	5.711	2097	232.99	14.1	496.00	27237	2.4658 ng/ml
Bupropion	4.815	132445	6406.18	58.5	1652.21	168618	25.2542 ng/ml
Carisoprodol	5.724	118675	382.29	49.8	625.14	244160	24.3451 ng/ml
Citalopram	5.259	74267	288.84	44.6	37829.14	136922	24.7368 ng/ml
Clonazepam	5.605	244647	99872.36	32.5	313.41	105752	25.5413 ng/ml
Clonazepam	5.549	107085	8528.09	39.2	59255.40	105752	24.6294 ng/ml
Cocaine	4.298	200926	356.01	46.9	2719.87	629796	24.2807 ng/ml
Codeine	2.627	26080	65.97	101.5	41672.66	46037	27.8046 ng/ml
Cyclobenzaprine	5.642	52605	381.32	10.3	93.13	76664	24.5079 ng/ml
Dextromethorphan	5.302	34011	207.36	85.9	276.30	74416	22.3879 ng/ml
Dextrophan	4.158	38654	305.27	207.3	368.19	211691	24.4424 ng/ml
Diazepam	5.953	124504	2661.05	86.6	1983.32	238017	25.4472 ng/ml
Dihydrocodeine	2.606	67430	10672.60	64.5	211.36	151623	25.7217 ng/ml
Diphenhydramine	5.323	148017	102.87	32.6	394.79	488047	24.1752 ng/ml
Doxylamine	4.603	325849	8401.14	100.1	11550.95	539764	24.2313 ng/ml
EDDP	5.295	109717	2156.05	42.2	9832.92	255929	24.4862 ng/ml
Etizolam	5.813	89834	39883.01	27.7	3399.10	105752	23.7557 ng/ml
Fentanyl	5.116	4395	89.99	71.0	24.68	101296	2.2256 ng/ml
Flualprazolam	5.698	51073	1889.04	109.5	5391.99	186571	26.1625 ng/ml
Fluoxetine	5.727	59749	2786.36	8.9	4986.51	101822	24.5289 ng/ml
Hydrocodone	3.066	74167	497.31	37.8	58.02	189691	25.6916 ng/ml
Hydromorphone	1.654	71914	734.14	73.7	326681.84	90240	25.7431 ng/ml
Ketamine	4.079	181489	8445.25	41.5	2250.61	339221	25.0234 ng/ml
Lamotrigine	4.314	17009	186.80	84.7	835.40	339221	24.9815 ng/ml
Levetiracetam	2.670	81128	1246.39	153.8	926.25	881987	25.3682 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	220241	2107.67	52.3	620.04	105752	26.3210 ng/ml
MDA	3.250	183616	1933.06	18.2	325.54	138174	25.9026 ng/ml
MDMA	3.336	135584	179160.87	57.6	566.39	46541	24.6879 ng/ml
Meprobamate	4.917	52334	214.21	26.0	461.76	96139	25.7096 ng/ml
Methadone	5.673	105482	425.52	46.5	11439.60	172594	25.2272 ng/ml
Methamphetamine	3.271	124503	333.29	43.0	1180.04	250795	26.8618 ng/ml
Metoprolol	4.360	29572	84605.86	94.9	755.65	725046	24.2719 ng/ml
Mirtazapine	4.644	133772	2187.13	45.4	1297.93	327544	26.0255 ng/ml
Mitragynine	5.244	18687	66187.46	41.1	56.79	172594	25.6375 ng/ml
Morphine	1.281	12926	982.78	19.5	516.77	7235	24.9799 ng/ml
Norbuprenorphine	5.026	165	297.04	77.3	94.15	2780	2.3247 ng/ml
Nordiazepam	5.893	109981	391.08	61.0	511.93	135180	25.1426 ng/ml
Norfentanyl	4.120	31793	10254.80	38.3	256.95	553671	2.3511 ng/ml
Norhydrocodone	3.113	5385	217.46	45.0	169.47	20682	22.6580 ng/ml
Noroxycodone	2.964	81013	1020.14	43.4	191.15	97746	25.2202 ng/ml
O-desmethyl-tramadol	3.409	426195	29532.31	6.2	510.96	1024695	23.8793 ng/ml
Oxazepam	5.749	219955	4175.64	77.0	1368.58	426017	24.9924 ng/ml
Oxycodone	2.881	186528	1454.03	28.4	624.06	289362	25.6584 ng/ml
Oxymorphone	1.438	71159	1922.60	44.5	118.02	87403	25.7481 ng/ml
Phentermine	3.824	47686	164.56	3.0	42.94	230275	25.9827 ng/ml
Promethazine	5.560	118661	9303.76	28.0	2444.84	218842	24.5665 ng/ml
Pseudoephedrine	2.643	438523	460.42	14.3	10760.52	881987	24.1244 ng/ml
Quetiapine	5.541	98330	143387.45	59.1	144928.78	53974	24.9967 ng/ml
Sertraline	5.796	37309	629.29	94.4	362.58	61840	24.9889 ng/ml
Temazepam	5.816	341144	710.38	30.4	183.16	732016	24.6028 ng/ml
Tramadol	4.279	356785	1875.84	3.6	176.98	725046	24.3841 ng/ml
Trazodone	5.094	91320	264183.56	78.9	1260.43	139204	25.2021 ng/ml
Venlafaxine	5.077	220602	12026.59	39.3	2409.53	514659	23.6308 ng/ml
Zolpidem	4.874	427729	3866.81	31.8	1963.77	863811	24.9413 ng/ml

SC

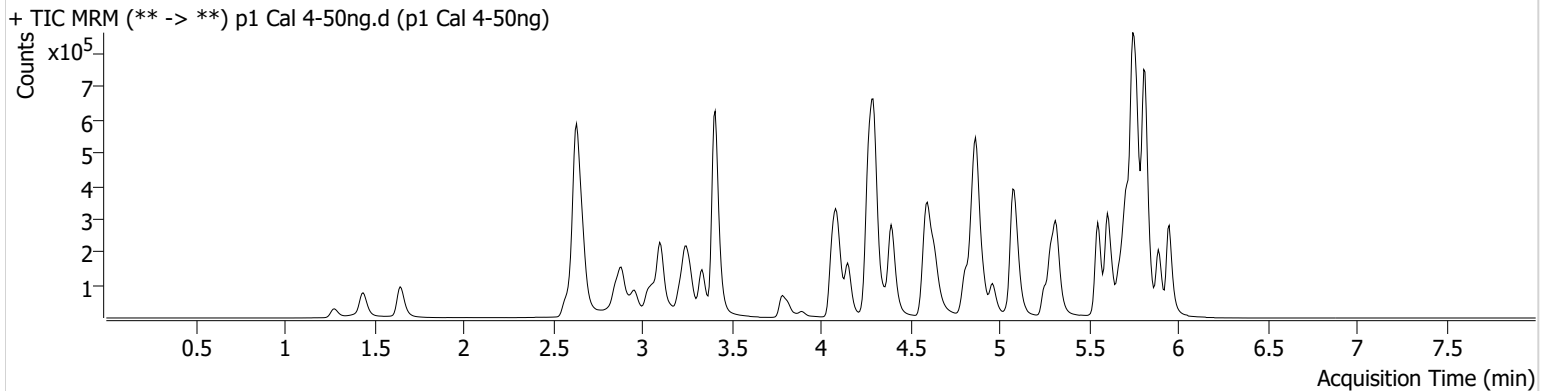


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-E12	Comment	
Injection Volume	2		
Acq. Date-Time	10/6/2021 11:47:05 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	7585	566.01	75.1	8591.75	31220	4.7252 ng/ml
7-aminoclonazepam	4.265	139507	202.82	83.9	174.18	153010	52.0214 ng/ml
a-hydroxyalprazolam	5.692	102539	1230.37	62.8	315.50	171863	57.0014 ng/ml
alpha-PHP	4.964	61918	2191.23	268.4	10824.86	271181	48.0146 ng/ml
alpha-PVP	4.403	320194	271.63	49.8	5195.08	271181	49.6374 ng/ml
Alprazolam	5.768	321370	∞	113.0	2188.74	171863	50.0341 ng/ml
Amphetamine	3.103	411472	728.00	49.1	2845.84	65802	53.8742 ng/ml
Benzoylecgonine	3.892	18171	1328.99	8.3	4392.98	13011	47.2071 ng/ml
Buprenorphine	5.711	2011	4212.95	12.2	344.94	15663	4.4883 ng/ml
Bupropion	4.815	198173	10260.79	59.3	2570.03	127374	50.7403 ng/ml
Carisoprodol	5.724	212854	266439.13	50.5	1716.03	220078	49.0496 ng/ml
Citalopram	5.253	91815	2754.43	43.7	2245.62	86186	49.2391 ng/ml
Clonazepam	5.605	446687	917.14	31.8	379.01	96579	52.1786 ng/ml
Clonazepam	5.549	200257	304758.63	38.7	100878.25	96579	51.4437 ng/ml
Cocaine	4.298	343553	28397.93	46.6	5580.19	537860	49.4215 ng/ml
Codeine	2.627	43571	9086.91	108.7	80.42	40848	53.6975 ng/ml
Cyclobenzaprine	5.642	49706	129820.05	10.0	80.20	36978	48.4007 ng/ml
Dextromethorphan	5.302	42784	101.69	81.3	4410.22	42016	50.4446 ng/ml
Dextrophan	4.152	62127	199029.78	210.3	4915.56	170960	49.4608 ng/ml
Diazepam	5.953	214162	4013.56	89.5	1158.63	214806	49.4218 ng/ml
Dihydrocodeine	2.606	121986	382.41	63.3	1992.98	135696	53.5736 ng/ml
Diphenhydramine	5.323	180539	6919.19	34.5	1046.38	299059	48.7703 ng/ml
Doxylamine	4.596	523420	23841.61	100.1	3526.15	435075	48.8235 ng/ml
EDDP	5.295	165009	302.40	42.6	6652.34	194730	49.0095 ng/ml
Etizolam	5.813	159952	169690.55	27.8	98266.05	96579	44.9957 ng/ml
Fentanyl	5.116	5007	58.31	60.9	1294.04	51059	5.1049 ng/ml
Flualprazolam	5.698	91187	15521.92	110.3	18742.55	171863	51.6004 ng/ml
Fluoxetine	5.727	54422	97846.43	8.2	19607.14	46695	48.7029 ng/ml
Hydrocodone	3.066	129178	1233.40	37.3	538.92	165387	52.6932 ng/ml
Hydromorphone	1.654	127578	459.11	73.7	1518.05	83568	49.9729 ng/ml
Ketamine	4.072	316339	19641.15	42.2	3466.07	298341	50.7223 ng/ml
Lamotrigine	4.307	30691	95.85	81.1	6398.35	298341	52.7143 ng/ml
Levetiracetam	2.670	145730	3212.65	155.5	3670.06	765068	54.1244 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	385561	2214.41	51.9	799.60	96579	52.5201 ng/ml
MDA	3.243	303774	950.52	18.2	783.69	113217	53.7603 ng/ml
MDMA	3.337	223947	3807.63	57.9	2788.84	38590	50.0067 ng/ml
Meprobamate	4.917	94793	16387.03	25.4	1151.53	90022	50.8883 ng/ml
Methadone	5.673	117759	505.53	46.4	316.66	101095	48.7394 ng/ml
Methamphetamine	3.271	158183	345.65	43.0	666.51	173676	51.3502 ng/ml
Metoprolol	4.360	48999	121454.34	94.2	1548.52	622315	47.6866 ng/ml
Mirtazapine	4.637	173464	3335.87	45.4	1041.65	271181	41.2858 ng/ml
Mitragynine	5.244	20189	41164.41	39.2	156.00	101095	47.9752 ng/ml
Morphine	1.281	23389	134.24	19.3	1918.40	6273	53.0285 ng/ml
Norbuprenorphine	5.026	258	277.49	65.7	309.77	1784	5.7434 ng/ml
Nordiazepam	5.893	197245	6424.18	58.6	468.67	119845	51.8937 ng/ml
Norfentanyl	4.120	53392	330.28	38.3	321.63	476724	4.6145 ng/ml
Norhydrocodone	3.113	8563	204.80	47.1	56.61	16548	45.6259 ng/ml
Noroxycodone	2.957	137783	172.25	43.7	6343.74	85066	50.2348 ng/ml
O-desmethyl-tramadol	3.409	774246	592.81	6.2	594.32	914893	49.0742 ng/ml
Oxazepam	5.749	395772	3106.62	75.7	2002.44	381536	51.3319 ng/ml
Oxycodone	2.881	322905	853.93	28.9	1845.11	257234	51.0062 ng/ml
Oxymorphone	1.438	127912	∞	45.1	1804.70	81923	50.3789 ng/ml
Phentermine	3.824	74798	392.25	2.9	54.59	181916	52.9676 ng/ml
Promethazine	5.560	115731	7216.79	28.0	2708.49	105062	50.5403 ng/ml
Pseudoephedrine	2.643	754845	15020.74	14.2	14012.64	765068	48.1889 ng/ml
Quetiapine	5.541	128297	11027.86	60.3	5055.65	35563	50.4866 ng/ml
Sertraline	5.796	32641	2541.10	95.8	582.64	27472	49.8898 ng/ml
Temazepam	5.816	615686	972.97	30.3	547.17	662993	49.7405 ng/ml
Tramadol	4.279	617574	29142.41	3.4	285.80	622315	50.0642 ng/ml
Trazodone	5.094	107166	33240.77	80.6	1269.65	85669	48.9492 ng/ml
Venlafaxine	5.077	374672	8149.30	38.4	409.71	428354	48.7786 ng/ml
Zolpidem	4.874	746736	61422.71	31.2	1245.38	758229	50.5950 ng/ml

SC

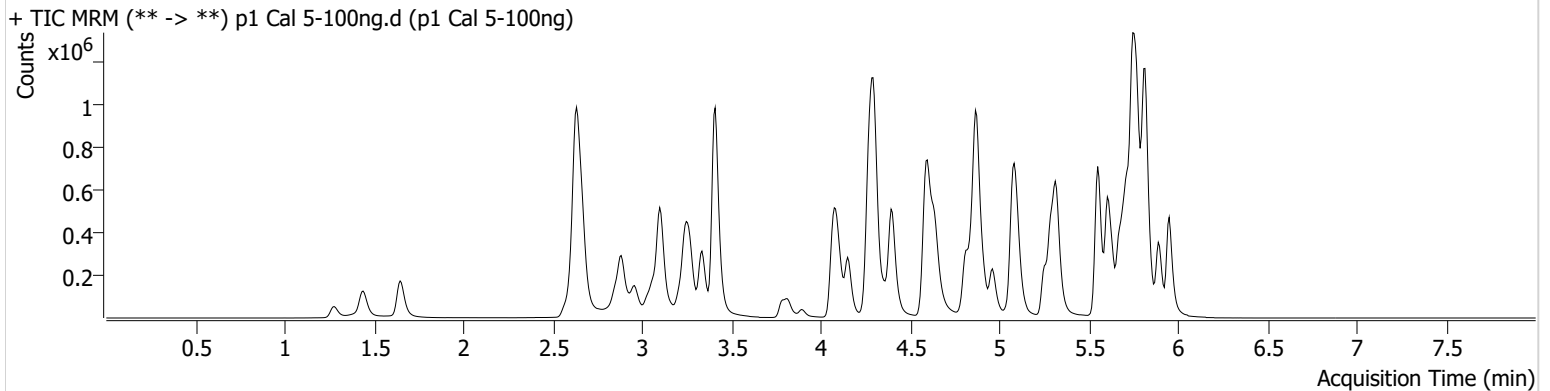


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument Falco (069901) **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m **Operator** Sarah Collins
Sample Position P2-D12 **Comment**
Injection Volume 2
Acq. Date-Time 10/6/2021 11:57:41 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	17023	763.84	72.7	864.70	33014	10.1075 ng/ml
7-aminoclonazepam	4.265	281723	832763.30	84.2	1750.20	157210	103.8152 ng/ml
a-hydroxyalprazolam	5.692	186196	422.42	60.8	6343.35	169760	108.2240 ng/ml
alpha-PHP	4.964	142107	11962.88	270.8	90417.28	302461	99.6089 ng/ml
alpha-PVP	4.403	697687	25790.47	50.7	9474.12	302461	97.6006 ng/ml
Alprazolam	5.775	642167	3372.61	108.8	1415.73	169760	102.0963 ng/ml
Amphetamine	3.103	965302	877.54	50.0	5532.18	83070	101.3268 ng/ml
Benzoylecgonine	3.892	41581	7855.34	7.7	5256.40	15325	92.3128 ng/ml
Buprenorphine	5.704	6870	12671.28	12.4	959.49	24586	10.4335 ng/ml
Bupropion	4.815	467447	49671.07	59.0	612.80	153535	99.9929 ng/ml
Carisoprodol	5.724	384657	610771.50	50.0	2937.36	205507	95.4972 ng/ml
Citalopram	5.253	282005	4339.04	45.3	518809.31	134406	97.6352 ng/ml
Clonazepam	5.605	863487	40343.62	32.5	915.61	96684	101.7952 ng/ml
Clonazolam	5.549	392256	888471.41	38.0	3418.48	96684	101.5791 ng/ml
Cocaine	4.298	742702	1391.64	47.4	21304.22	588937	98.3611 ng/ml
Codeine	2.627	87381	18563.18	105.3	1898.44	42741	104.3152 ng/ml
Cyclobenzaprine	5.642	199656	2461.33	10.1	811.07	71968	100.3245 ng/ml
Dextromethorphan	5.302	137985	151.40	77.6	5714.19	68656	100.0093 ng/ml
Dextrophan	4.152	141451	1535402.98	208.4	1086.14	197890	98.0833 ng/ml
Diazepam	5.953	442404	700.30	87.5	1431.09	220048	100.6929 ng/ml
Dihydrocodeine	2.606	253976	386.31	61.6	8213.39	147857	103.7751 ng/ml
Diphenhydramine	5.323	548963	28454.15	33.4	498.56	453814	98.3826 ng/ml
Doxylamine	4.596	1231648	23135.76	99.2	1331.92	514405	97.7010 ng/ml
EDDP	5.288	417227	10389.25	42.8	211.60	250169	97.0644 ng/ml
Etizolam	5.813	327081	40133.29	27.8	29280.88	96684	90.4621 ng/ml
Fentanyl	5.116	16987	265.24	66.7	45.64	94297	9.4268 ng/ml
Flualprazolam	5.698	178170	27332.37	111.1	416605.44	169760	103.0003 ng/ml
Fluoxetine	5.727	200408	2390.37	9.1	32745.00	88280	94.8493 ng/ml
Hydrocodone	3.066	271897	2867.77	38.3	508.84	182113	101.9762 ng/ml
Hydromorphone	1.648	276221	3475.31	73.5	7535.00	92619	98.3082 ng/ml
Ketamine	4.079	682640	745.14	41.9	526.31	326439	101.1522 ng/ml
Lamotrigine	4.314	61960	1722.06	85.8	1102.69	326439	98.4345 ng/ml
Levetiracetam	2.670	307289	9008.75	156.1	625.02	833374	106.1642 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	628434	19103.62	52.5	783.40	96684	86.9252 ng/ml
MDA	3.243	655687	4777.55	17.7	910.30	126693	105.0291 ng/ml
MDMA	3.337	500401	1013.62	58.4	3278.48	43368	100.2536 ng/ml
Meprobamate	4.917	180259	693779.58	25.0	1231.70	85581	103.0280 ng/ml
Methadone	5.673	384234	7570.64	46.2	8778.34	166718	97.1448 ng/ml
Methamphetamine	3.271	440819	343.53	43.5	490.14	243492	104.5172 ng/ml
Metoprolol	4.360	110842	115760.91	90.9	3655.11	674100	100.5583 ng/ml
Mirtazapine	4.637	506040	488.49	44.4	2370.76	302461	109.4804 ng/ml
Mitragynine	5.244	69161	246921.32	40.7	73853.08	166718	100.5353 ng/ml
Morphine	1.281	49741	1527.21	20.8	9774.59	7052	101.0607 ng/ml
Norbuprenorphine	5.033	654	1694.74	65.1	538.24	2657	9.8149 ng/ml
Nordiazepam	5.893	393956	652.16	59.0	966.97	124349	100.8256 ng/ml
Norfentanyl	4.120	120617	77152.44	36.4	2574.68	517660	9.6331 ng/ml
Norhydrocodone	3.113	18396	56.79	43.5	65.78	17088	95.5642 ng/ml
Noroxycodone	2.957	284724	16413.66	43.8	30423.34	88224	101.0796 ng/ml
O-desmethyl-tramadol	3.409	1627272	11335.53	6.3	9031.94	980267	96.7164 ng/ml
Oxazepam	5.749	697667	2717.19	75.9	31771.12	339367	102.8210 ng/ml
Oxycodone	2.881	699902	926.27	28.9	16066.60	285332	100.7175 ng/ml
Oxymorphone	1.438	255785	326.47	44.4	227.42	82065	101.6523 ng/ml
Phentermine	3.824	174886	444.35	2.6	45.05	216833	105.2469 ng/ml
Promethazine	5.560	427470	639.66	28.5	5582.99	201602	97.8524 ng/ml
Pseudoephedrine	2.637	1647333	28043.91	14.1	1774.34	833374	96.8683 ng/ml
Quetiapine	5.541	371688	276860.26	59.1	46601.28	53238	98.6471 ng/ml
Sertraline	5.796	120216	6823.96	97.6	2793.32	52453	96.8831 ng/ml
Temazepam	5.816	1159172	2181.05	30.9	1149.28	639579	97.7624 ng/ml
Tramadol	4.279	1305212	14893.10	3.4	1397.19	674100	98.5117 ng/ml
Trazodone	5.094	345827	998.00	77.2	14041.59	135229	101.0982 ng/ml
Venlafaxine	5.077	836295	26971.12	38.7	330.37	477403	98.2285 ng/ml
Zolpidem	4.874	1631357	106408.51	31.1	5640.48	841512	100.5613 ng/ml

SC

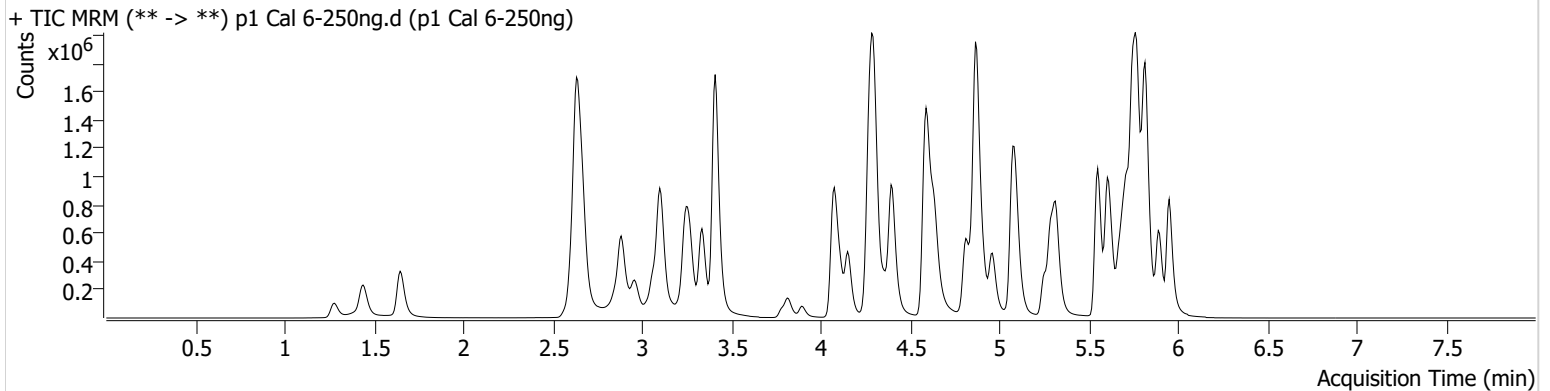


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-C12	Comment	
Injection Volume	2		
Acq. Date-Time	10/7/2021 12:08:17 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	39338	738.70	68.5	727.67	30307	25.5503 ng/ml
7-aminoclonazepam	4.265	613489	1691.09	84.4	16421.43	145056	247.2237 ng/ml
a-hydroxyalprazolam	5.692	326053	3082.78	60.4	213.39	141005	232.7031 ng/ml
alpha-PHP	4.964	290955	2634.22	269.0	4726.69	253423	244.5084 ng/ml
alpha-PVP	4.403	1494444	686.73	49.6	72146.07	253423	250.5403 ng/ml
Alprazolam	5.775	1331776	1508.84	108.6	2130.58	141005	256.2000 ng/ml
Amphetamine	3.103	1785311	28178.49	50.1	921.04	63878	245.6919 ng/ml
Benzoylecgonine	3.892	98245	558.44	7.4	259.16	13066	256.9363 ng/ml
Buprenorphine	5.711	8489	9801.13	14.4	448.30	12398	26.3875 ng/ml
Bupropion	4.816	901991	54588.88	58.9	5113.68	118858	250.3312 ng/ml
Carisoprodol	5.724	751496	586292.82	49.5	5032.93	152244	252.8458 ng/ml
Citalopram	5.253	429743	547.56	43.4	361.93	79366	253.0390 ng/ml
Clonazepam	5.605	1744684	41759.47	32.3	841602.28	80912	247.3474 ng/ml
Clonazepam	5.549	845476	913089.01	38.3	15922.41	80912	263.1423 ng/ml
Cocaine	4.298	1577707	61286.50	47.2	3374.79	498187	248.2277 ng/ml
Codeine	2.627	171306	1854.03	104.3	923404.58	36689	240.1931 ng/ml
Cyclobenzaprine	5.642	228279	19343.51	8.8	612.92	33007	250.7122 ng/ml
Dextromethorphan	5.302	194598	9521.36	79.6	9218.39	39040	248.7157 ng/ml
Dextrophan	4.152	290482	453.64	206.8	12325.68	160647	249.3796 ng/ml
Diazepam	5.953	937670	9476.81	87.5	15155.45	189174	249.7361 ng/ml
Dihydrocodeine	2.606	540829	14286.93	62.1	328.64	133593	246.6771 ng/ml
Diphenhydramine	5.323	862721	331.69	32.9	26182.01	282802	249.1053 ng/ml
Doxylamine	4.590	2595650	77606.24	99.6	1081.98	421472	252.1475 ng/ml
EDDP	5.288	799839	19390.24	42.6	282.49	184060	253.9119 ng/ml
Etizolam	5.813	678031	11917.05	28.0	368491.93	80912	222.0266 ng/ml
Fentanyl	5.116	20526	140.11	63.8	294.89	45311	23.7949 ng/ml
Flualprazolam	5.698	377820	8244.46	110.2	9003.05	141005	264.4356 ng/ml
Fluoxetine	5.727	186764	15936.16	9.3	55163.75	33218	234.8867 ng/ml
Hydrocodone	3.066	592709	1141.37	37.1	∞	157544	259.0515 ng/ml
Hydromorphone	1.648	583607	4732.24	73.4	4918.76	76667	252.0389 ng/ml
Ketamine	4.079	1540316	969.17	41.7	1267.19	297507	252.1347 ng/ml
Lamotrigine	4.314	136216	877.76	81.7	263630.03	297507	239.4077 ng/ml
Levetiracetam	2.670	607644	359.77	155.0	322.84	686566	256.9038 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	913571	11649.17	53.2	6646.72	80912	152.6569 ng/ml
MDA	3.243	1284491	801.49	17.4	2710.26	104505	251.4075 ng/ml
MDMA	3.337	1066546	1364.99	57.6	10251.02	37666	247.2352 ng/ml
Meprobamate	4.917	368467	46600.55	25.3	229.36	73137	248.1541 ng/ml
Methadone	5.673	536730	4734.73	46.8	491.69	94621	240.1589 ng/ml
Methamphetamine	3.271	731772	775.56	42.9	439.09	171044	250.3680 ng/ml
Metoprolol	4.360	237172	461324.60	92.8	5623.51	561108	259.9001 ng/ml
Mirtazapine	4.637	838011	24157.10	44.5	4693.74	253423	217.2875 ng/ml
Mitragynine	5.244	90354	1568.33	41.0	922.51	94621	232.4800 ng/ml
Morphine	1.281	103880	975.19	19.6	314.27	5852	255.6159 ng/ml
Norbuprenorphine	5.026	1002	2424.13	76.1	116.39	1558	25.6958 ng/ml
Nordiazepam	5.900	797985	976.66	60.0	1378.77	102059	250.3145 ng/ml
Norfentanyl	4.120	267695	368193.64	37.2	926.04	448078	24.7469 ng/ml
Norhydrocodone	3.113	38686	179.22	42.2	71.33	14056	245.2546 ng/ml
Noroxycodone	2.957	557982	1795.48	44.3	385.73	71568	245.5952 ng/ml
O-desmethyl-tramadol	3.409	3670729	146055.28	6.2	1021.03	859515	249.5600 ng/ml
Oxazepam	5.749	1145985	16409.53	74.7	14603.99	226459	254.7219 ng/ml
Oxycodone	2.881	1545459	1481.59	28.4	4558.16	249104	256.4176 ng/ml
Oxymorphone	1.438	554056	∞	43.5	1687.49	72583	250.5287 ng/ml
Phentermine	3.824	340906	259.37	2.7	115.93	175003	256.1763 ng/ml
Promethazine	5.560	501187	58901.94	28.6	250.52	94034	246.8952 ng/ml
Pseudoephedrine	2.637	3460464	1936.97	14.1	41902.00	686566	247.4960 ng/ml
Quetiapine	5.541	627067	22081.34	59.1	330000.51	34588	257.7774 ng/ml
Sertraline	5.796	117228	562.51	92.5	608.71	19762	251.8619 ng/ml
Temazepam	5.816	2235323	29614.22	30.5	2768.56	483232	250.6375 ng/ml
Tramadol	4.279	2820929	154942.33	3.4	2283.46	561108	257.1824 ng/ml
Trazodone	5.094	550822	40984.92	76.8	27155.43	84512	259.1846 ng/ml
Venlafaxine	5.077	1831636	821.66	37.9	16205.88	407875	252.6497 ng/ml
Zolpidem	4.867	3787257	18740.44	30.4	2956.20	780369	253.2516 ng/ml

SC

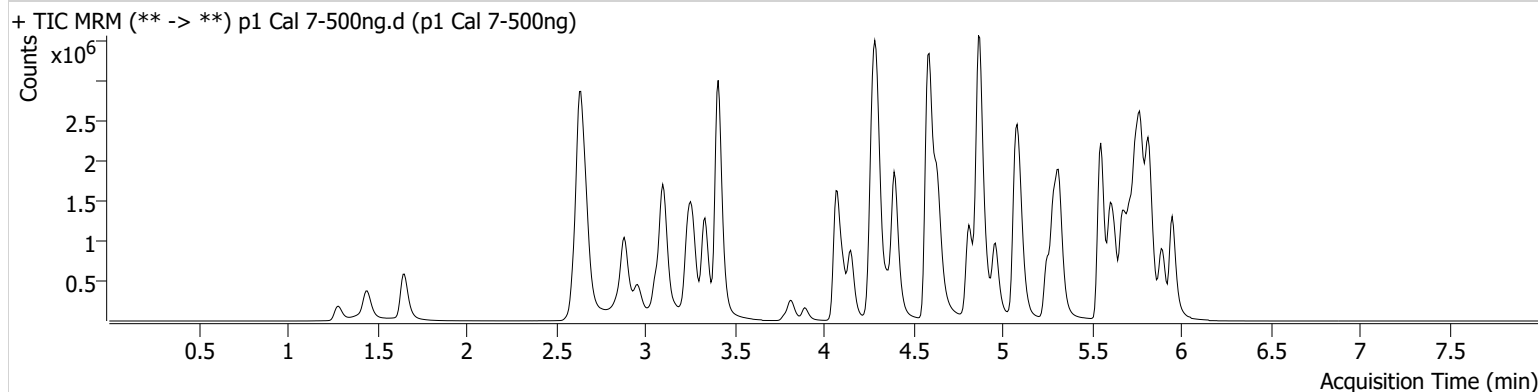


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-B12	Comment	
Injection Volume	2		
Acq. Date-Time	10/7/2021 12:18:52 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	78874	914.40	72.7	15917.28	29670	52.4030 ng/ml
7-aminoclonazepam	4.265	948746	45354.54	83.8	29361.07	125991	441.4464 ng/ml
a-hydroxyalprazolam	5.685	390982	570.96	62.6	1262.45	114763	344.7901 ng/ml
alpha-PHP	4.964	633174	405.48	271.6	20691.47	259583	520.3297 ng/ml
alpha-PVP	4.397	3114235	1098.47	49.9	83837.75	259583	510.3868 ng/ml
Alprazolam	5.775	2110914	2364.68	108.5	∞	114763	499.7588 ng/ml
Amphetamine	3.103	3467561	20920.29	50.9	27429.21	70428	433.8949 ng/ml
Benzoylecgonine	3.892	197782	642.12	7.7	205111.55	12800	528.6797 ng/ml
Buprenorphine	5.711	21353	1967.65	13.1	3174.34	15694	52.9909 ng/ml
Bupropion	4.815	1988618	99187.98	59.0	48814.18	131991	497.7137 ng/ml
Carisoprodol	5.724	1020013	1169075.84	48.5	11460.49	102573	510.0052 ng/ml
Citalopram	5.253	1113839	14455.84	44.1	15429.05	100893	516.6185 ng/ml
Clonazepam	5.605	2648869	139565.64	31.7	33197.88	61501	495.1800 ng/ml
Clonazepam	5.548	1198636	4780.34	38.7	613544.70	61501	491.6422 ng/ml
Cocaine	4.298	3062310	177840.19	46.6	110687.94	468829	512.8354 ng/ml
Codeine	2.627	275647	18219.25	103.5	42425.63	34058	417.4739 ng/ml
Cyclobenzaprine	5.635	734083	567.09	9.7	1972.93	51940	512.7641 ng/ml
Dextromethorphan	5.302	529007	50955.15	78.4	510.84	50507	523.1268 ng/ml
Dextrophan	4.152	599444	2684162.24	210.5	133403.88	162377	510.0006 ng/ml
Diazepam	5.953	1624642	14338.32	87.7	35316.96	161328	508.4348 ng/ml
Dihydrocodeine	2.606	969588	27236.56	63.1	625.68	136394	434.3262 ng/ml
Diphenhydramine	5.323	2253862	35909.63	33.1	14456.17	354354	520.0910 ng/ml
Doxylamine	4.590	5873771	90836.94	99.1	14231.21	472524	509.4925 ng/ml
EDDP	5.288	1899165	3362.60	42.5	723.24	216874	512.3083 ng/ml
Etizolam	5.813	1156878	16828.86	27.6	7143.24	61501	496.6703 ng/ml
Fentanyl	5.116	66710	266.23	66.0	65616.61	63721	55.0674 ng/ml
Flualprazolam	5.698	562243	31052.44	113.9	60642.71	114763	484.2831 ng/ml
Fluoxetine	5.727	582658	28591.97	9.4	434949.50	48017	506.9204 ng/ml
Hydrocodone	3.059	1068488	5448.15	39.1	∞	154857	476.2466 ng/ml
Hydromorphone	1.654	1113353	3680.84	73.8	4020029.72	72480	509.3257 ng/ml
Ketamine	4.072	3071758	110662.69	40.6	13801.12	294907	508.4140 ng/ml
Lamotrigine	4.314	218496	694.18	82.5	885.45	294907	388.2647 ng/ml
Levetiracetam	2.670	970962	8623.21	155.7	4056.48	632005	447.0427 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	942696	33652.81	52.6	836.85	61501	208.0489 ng/ml
MDA	3.243	2354788	5772.00	16.7	4315.92	99976	483.0808 ng/ml
MDMA	3.336	2235806	9630.93	57.9	9135.12	38628	506.2448 ng/ml
Meprobamate	4.917	546046	214188.97	24.9	257.67	55258	487.9258 ng/ml
Methadone	5.673	1566357	44264.31	45.7	20074.19	125204	530.5398 ng/ml
Methamphetamine	3.271	1660487	1221.14	42.9	9307.11	197222	495.1066 ng/ml
Metoprolol	4.360	471961	435494.67	93.2	109477.72	551426	527.1857 ng/ml
Mirtazapine	4.637	2140460	8719.95	45.7	8882.58	259583	543.2093 ng/ml
Mitragynine	5.237	273542	1111921.77	40.6	1883.43	125204	532.9458 ng/ml
Morphine	1.287	192967	3536.60	20.0	4202.65	5840	476.4892 ng/ml
Norbuprenorphine	5.026	2649	119.31	77.6	11228.34	2135	49.6397 ng/ml
Nordiazepam	5.900	1279823	∞	59.8	668.52	81643	502.8621 ng/ml
Norfentanyl	4.120	574029	128048.02	37.4	894.28	452573	52.5730 ng/ml
Norhydrocodone	3.107	77961	336.05	42.4	117.96	12593	552.4403 ng/ml
Noroxycodone	2.957	973187	1231.25	40.7	892.22	60679	506.2637 ng/ml
O-desmethyl-tramadol	3.409	7244488	159235.00	6.0	2843.84	812397	521.6064 ng/ml
Oxazepam	5.749	1266170	7833.99	74.9	14943.54	127342	501.5641 ng/ml
Oxycodone	2.881	2996564	1253.79	28.9	9289.05	252356	491.7776 ng/ml
Oxymorphone	1.445	980727	∞	43.5	1029.87	64758	498.1196 ng/ml
Phentermine	3.824	700740	1384.27	2.5	738.78	189260	488.1666 ng/ml
Promethazine	5.560	1619863	2105.33	28.1	702.34	146976	511.1923 ng/ml
Pseudoephedrine	2.643	6633888	223257.29	13.8	56650.93	632005	515.7712 ng/ml
Quetiapine	5.541	1530912	11753.62	59.6	33766.73	44061	494.9472 ng/ml
Sertraline	5.789	342198	31017.74	97.1	581.86	27709	525.1044 ng/ml
Temazepam	5.823	2993847	103979.14	30.9	187.13	317913	510.9969 ng/ml
Tramadol	4.279	5529291	∞	3.3	1330.52	551426	513.8234 ng/ml
Trazodone	5.094	1412581	71270.05	77.3	2432.09	112035	502.3079 ng/ml
Venlafaxine	5.077	3870267	372222.98	37.9	13116.54	413492	527.1798 ng/ml
Zolpidem	4.874	7382857	23578.07	30.3	168247.25	759076	508.5396 ng/ml

SC

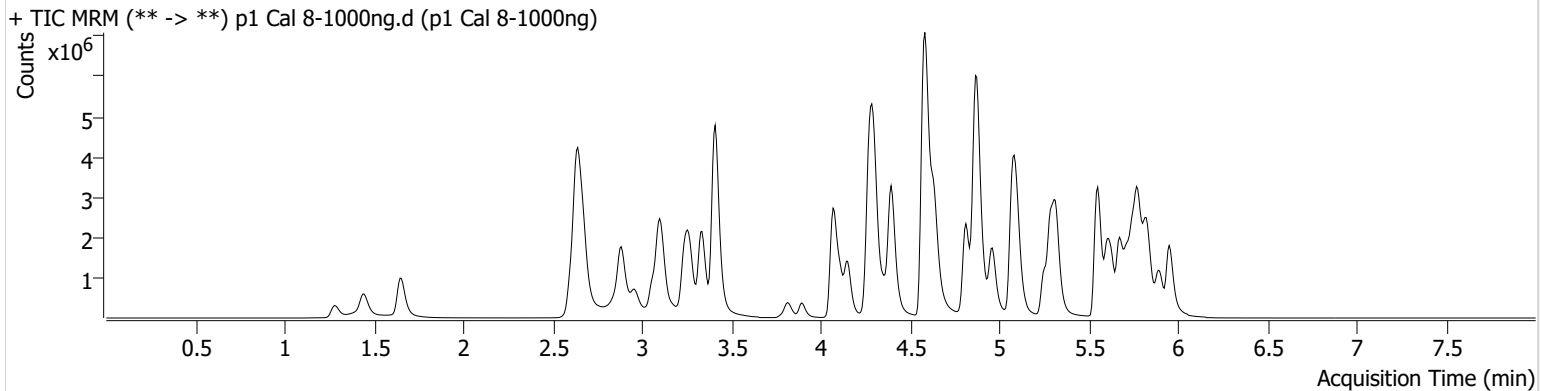


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\100621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 10/11/2021 11:14:00 AM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-A12	Comment	
Injection Volume	2		
Acq. Date-Time	10/7/2021 12:29:28 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	149301	11783.47	74.4	805.51	29671	99.2522 ng/ml
7-aminoclonazepam	4.258	1336974	82269.31	83.8	96044.19	117900	665.5998 ng/ml
a-hydroxyalprazolam	5.685	459694	251.74	59.9	246.97	91096	512.6736 ng/ml
alpha-PHP	4.964	1171904	2119.69	270.7	2803.14	241128	1037.5137 ng/ml
alpha-PVP	4.397	5850307	376312.39	49.2	101086.66	241128	1032.8540 ng/ml
Alprazolam	5.775	3146689	∞	108.8	5054.62	91096	939.2744 ng/ml
Amphetamine	3.103	5249819	72158.95	51.1	25000.80	61708	750.7616 ng/ml
Benzoylecgonine	3.892	465211	5356.83	7.7	607.09	14611	1090.0368 ng/ml
Buprenorphine	5.711	25364	1281.06	13.3	259.08	10368	95.7340 ng/ml
Bupropion	4.816	3969731	140323.01	58.6	30459.60	133534	982.7821 ng/ml
Carisoprodol	5.724	1358109	1300812.98	48.7	∞	66940	1041.1591 ng/ml
Citalopram	5.253	1747399	1796.06	43.6	30600.71	82327	993.8707 ng/ml
Clonazepam	5.612	3714495	33222.92	32.0	193092.51	46164	926.0431 ng/ml
Clonazepam	5.555	1695158	246027.02	38.8	458211.30	46164	927.1417 ng/ml
Cocaine	4.298	5226907	373439.73	46.1	151040.53	401606	1022.6530 ng/ml
Codeine	2.620	413212	∞	103.3	22784.62	29590	721.4041 ng/ml
Cyclobenzaprine	5.635	1024830	1137.71	9.7	2959.26	37066	1003.4994 ng/ml
Dextromethorphan	5.302	744742	892.53	78.5	22657.95	36288	1025.4682 ng/ml
Dextrophan	4.152	1006693	31493.20	208.4	131831.26	136779	1017.5887 ng/ml
Diazepam	5.953	2538030	23214.15	87.3	10411.36	133241	962.6195 ng/ml
Dihydrocodeine	2.599	1656188	57759.04	62.8	4163.33	140985	718.7348 ng/ml
Diphenhydramine	5.323	3574982	94116.84	33.1	1442.55	283714	1030.9865 ng/ml
Doxylamine	4.583	12560618	13537.05	98.9	17799.33	496374	1037.7201 ng/ml
EDDP	5.288	3598451	75137.70	41.7	2248.30	205949	1022.8115 ng/ml
Etizolam	5.813	1829990	3229.79	28.0	2069.73	46164	1045.1173 ng/ml
Fentanyl	5.116	93120	415.89	65.3	224760.62	45334	108.1023 ng/ml
Flualprazolam	5.698	796384	42256.75	117.9	8432.66	91096	864.9126 ng/ml
Fluoxetine	5.727	610648	57900.45	9.1	117163.60	25149	1014.3564 ng/ml
Hydrocodone	3.059	1973120	989.43	37.8	120.61	151393	900.8030 ng/ml
Hydromorphone	1.654	2010242	11716.41	73.9	4312505.90	68084	979.6663 ng/ml
Ketamine	4.072	5649861	68460.11	40.0	46081.28	292202	944.7635 ng/ml
Lamotrigine	4.314	319237	4182.13	81.6	169238.11	292202	573.1926 ng/ml
Levetiracetam	2.676	1587162	2109.45	157.0	121769.41	498201	928.6040 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	916782	15003.56	52.9	4755.03	46164	270.2125 ng/ml
MDA	3.243	3581254	3461.98	16.7	5846.76	85259	862.6325 ng/ml
MDMA	3.337	3973632	6118.90	56.9	8489.19	34724	1001.7217 ng/ml
Meprobamate	4.917	802747	34658.43	24.8	119.16	41503	956.2176 ng/ml
Methadone	5.673	2308409	65598.81	45.6	21983.60	96759	1012.3935 ng/ml
Methamphetamine	3.271	2563569	12256.21	42.6	19384.04	168502	896.6615 ng/ml
Metoprolol	4.360	770114	13047.42	92.9	13832.54	490493	967.8338 ng/ml
Mirtazapine	4.637	3877322	7407.98	44.4	7742.50	241128	1060.1836 ng/ml
Mitragynine	5.237	395522	318251.77	40.3	2254.18	96759	997.8485 ng/ml
Morphine	1.281	338298	17364.12	20.8	1977.94	5267	927.0380 ng/ml
Norbuprenorphine	5.026	3660	1061.93	82.8	4681.58	1593	91.9327 ng/ml
Nordiazepam	5.900	1805691	23341.54	60.5	353.22	61294	945.9243 ng/ml
Norfentanyl	4.120	1104083	50208.76	37.2	13853.86	403440	113.4681 ng/ml
Norhydrocodone	3.107	153741	202.64	41.9	510.80	11690	1174.2157 ng/ml
Noroxycodone	2.957	1506364	3355.61	43.9	2372.80	49048	970.3618 ng/ml
O-desmethyl-tramadol	3.409	12883181	308615.56	5.8	540.36	723924	1041.4279 ng/ml
Oxazepam	5.749	1156458	8792.92	75.4	6614.89	64367	907.1882 ng/ml
Oxycodone	2.881	5547312	∞	28.6	903.72	244257	941.5796 ng/ml
Oxymorphone	1.438	1691655	∞	43.6	∞	58876	946.0174 ng/ml
Phentermine	3.817	1131517	12636.50	2.4	41.32	175346	851.8537 ng/ml
Promethazine	5.560	2237357	36083.84	27.7	29881.12	101881	1019.1849 ng/ml
Pseudoephedrine	2.643	10874830	222723.00	13.3	45703.50	498201	1072.9209 ng/ml
Quetiapine	5.541	2788910	67886.74	59.9	28414.03	41504	958.1509 ng/ml
Sertraline	5.789	321954	413.31	96.7	7020.38	13905	985.1521 ng/ml
Temazepam	5.830	3597557	189371.25	29.2	38410.82	192276	1015.9759 ng/ml
Tramadol	4.273	9323813	∞	3.2	6290.60	490493	974.8578 ng/ml
Trazodone	5.094	2489290	4923.93	77.6	52088.71	104498	949.9036 ng/ml
Venlafaxine	5.077	7014551	334089.91	36.9	159956.27	384630	1027.6764 ng/ml
Zolpidem	4.874	13706574	28044.77	29.5	169833.63	751861	954.0590 ng/ml