

Worklist: 5463

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
M2021-5020	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-5029	4	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
M2021-5143	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-5168	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-5169	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
M2021-5195	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-5277	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
* M2021-5294	6	BCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
P2021-3580	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3868	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3965	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
P2021-3966	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
P2021-4010	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4016	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4020	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4024	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4025	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4027	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4052	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
P2021-4060	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

*See worklist 5479. Incorrect task was originally assigned to item.

SC

12/28/2021

Worklist: 5479

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>
M2021-5291	6	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



SC

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

Extraction Date: 12/16/21
Plate lot#: IDP-121-211018

Analyst: Sarah Collins
Retest Date: 04/18/2022

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

Blank Blood Lot: Lampire 20L20725

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

LCMS-QQ ID: 069901

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

Blank Urine Lot: POC031319

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, Buprenorphine 2.5-100, Clonazolam 5-100, Etizolam 5-100, Fentanyl 0.5-50, Lamotrigine 5-250, Lorazepam 5-100, Meprobamate 10-1000, Methamphetamine 5-500, Norbuprenorphine 2.5-100, Norhydrocodone 5-500, Oxazepam 10-1000, Trazodone 5-250*

Bupropion, Oxazepam, and Trazodone reported qualitatively in this run.

SC

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	m2021-5277-1	p2021-4025-1	IS + Cal. 1	IS + QC_1				negative urine		IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	m2021-5020-2	p2021-4010-1	IS + Cal. 2	IS + QC_2				m2021-5029-4		IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	m2021-5291-6	p2021-4027-1	IS + Cal. 3	IS + QC_3				m2021-5169-3		IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	p2021-3580-1	p2021-4024-1	IS + Cal. 4	IS + QC_4				p2021-3965-1	IS + QC_2 urine	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2 urine	p2021-4016-1	p2021-4060-1	IS + Cal. 5	IS + QC_2 urine				p2021-3966-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	negative blood	m2021-5195-1		IS + Cal. 6					p2021-4052-1	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	m2021-5168-2	p2021-4020-1		IS + Cal. 7						IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	m2021-5143-1	p2021-3868-1		IS + Cal. 8						IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

SC

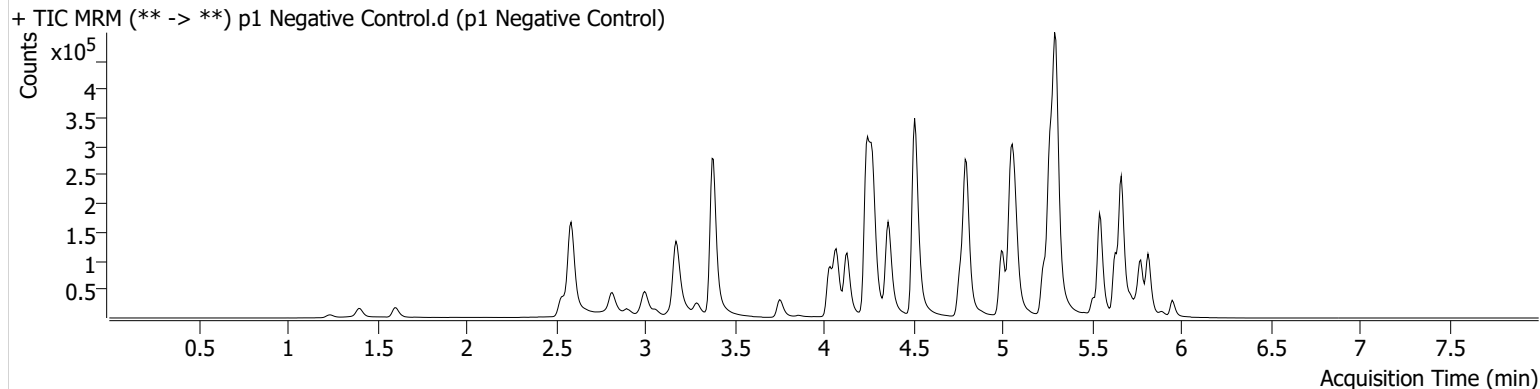


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 AM

Instrument	Falco (069901)	Data File	p1 Negative Control.d
Type	Sample	Sample	p1 Negative Control
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	12/17/2021 12:46:26 AM		
Sample Info.			

Sample Chromatogram



SC

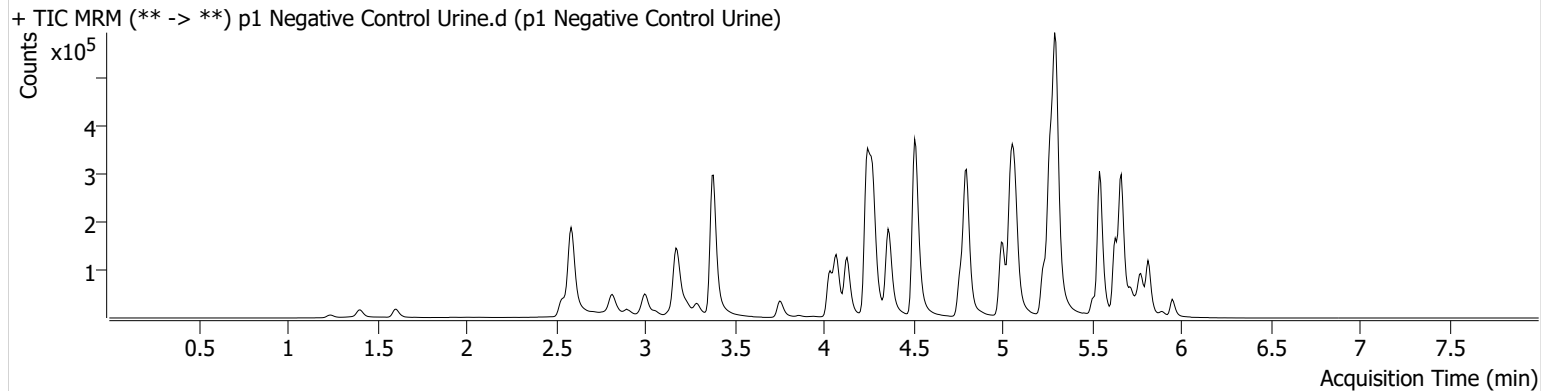


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 AM

Instrument	Falco (069901)	Data File	p1 Negative Control Urine.d
Type	Sample	Sample	p1 Negative Control Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-A10	Comment	
Injection Volume	2		
Acq. Date-Time	12/17/2021 4:18:35 AM		
Sample Info.			

Sample Chromatogram



SC

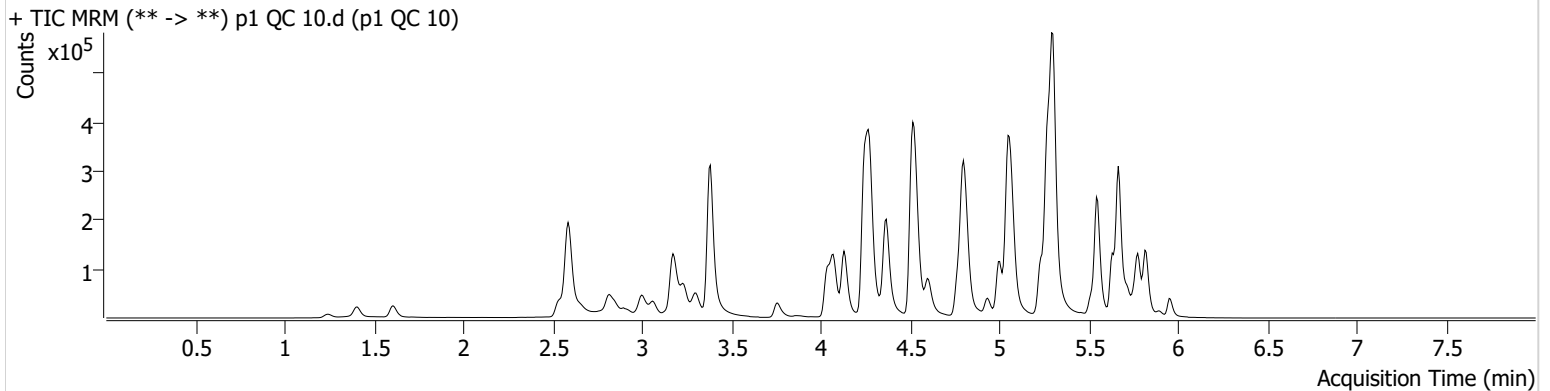


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 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-A2	Comment	
Injection Volume	2		
Acq. Date-Time	12/16/2021 11:32:09 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	584	664.26	72.7	529.59	16423	1.0727 ng/ml
7-aminoclonazepam	4.258	11357	303.88	80.6	187.20	44530	10.7691 ng/ml
a-hydroxyalprazolam	5.699	3807	40.84	72.2	7906.95	173085	9.8641 ng/ml
alpha-PHP	4.937	22082	344.24	292.0	772.99	391978	10.0537 ng/ml
alpha-PVP	4.376	86991	601.41	47.7	744.48	391978	9.7614 ng/ml
Alprazolam	5.782	27575	270.66	132.7	358.45	173085	9.0626 ng/ml
Amphetamine	3.069	36264	582.84	48.1	1056.53	40904	10.8367 ng/ml
Benzoylcegonine	3.892	1526	3644.42	7.9	774.96	4958	9.3205 ng/ml
* Buprenorphine	5.663	802	1025.06	13.2	150.90	28818	0.8092 ng/ml
Bupropion	4.788	63798	123201.12	64.7	5350.49	212157	10.4195 ng/ml
Carisoprodol	5.730	1675	2990.22	57.4	37.93	6537	9.5580 ng/ml
Citalopram	5.232	46115	10634.65	35.0	911.02	208580	10.0083 ng/ml
Clonazepam	5.612	667	3469.76	42.8	404.53	928	7.8438 ng/ml
Clonazepam	5.555	19480	11832.19	29.2	406.98	928	9.4528 ng/ml
Cocaine	4.277	70678	280.76	52.7	79810.76	511963	10.3205 ng/ml
Codeine	2.587	4217	13047.24	113.1	316.83	22905	9.6980 ng/ml
Cyclobenzaprine	5.635	41425	4639.44	9.5	3715.78	216324	9.6425 ng/ml
Dextromethorphan	5.282	39615	3219.01	86.0	111.39	186116	9.8829 ng/ml
Dextrophan	4.132	22626	761.40	210.8	2255.27	249920	10.0606 ng/ml
Diazepam	5.960	11708	567.48	94.7	119.31	56622	10.3126 ng/ml
Dihydrocodeine	2.565	14234	214.66	55.5	12525.65	87598	10.4719 ng/ml
Diphenhydramine	5.303	174967	14678.98	28.3	286.48	955154	10.1181 ng/ml
Doxylamine	4.536	197193	7350.06	105.2	2951.90	911427	9.8573 ng/ml
EDDP	5.275	96951	2230.53	40.6	12285.36	554359	10.1277 ng/ml
Etizolam	5.820	18118	1438.15	25.1	5720.41	928	9.5389 ng/ml
Fentanyl	5.089	4067	44.66	108.4	8315.60	279352	1.0125 ng/ml
Flualprazolam	5.712	13911	7655.95	88.8	7955.04	173085	9.6878 ng/ml
Fluoxetine	5.727	9219	69.34	9.5	1126.37	30212	10.7838 ng/ml
Hydrocodone	3.032	18287	116.22	26.9	50.44	100964	10.3349 ng/ml
Hydromorphone	1.615	16053	74502.02	66.9	301.66	51854	10.1288 ng/ml
Ketamine	4.051	53421	318.46	42.5	1409.20	220749	10.3352 ng/ml
Lamotrigine	4.287	3086	254.86	88.8	586.99	220749	10.7577 ng/ml
Levetiracetam	2.656	9701	315.03	133.0	615.48	488525	9.5653 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	11022	1219.46	49.4	125.24	928	9.2158 ng/ml
MDA	3.209	19963	513.30	26.9	77.41	57338	10.3037 ng/ml
MDMA	3.303	39594	1894.77	88.4	765.35	53004	10.0631 ng/ml
Meprobamate	4.911	774	11.11	33.2	4825.85	4729	9.1517 ng/ml
Methadone	5.666	102526	246.78	54.5	440.26	451836	10.4366 ng/ml
Methamphetamine	3.238	100056	2551.21	38.7	518.16	368576	9.8406 ng/ml
Metoprolol	4.340	8217	11907.50	79.0	537.66	701451	10.5076 ng/ml
Mirtazapine	4.604	109857	3104.21	45.6	157.62	391978	10.2005 ng/ml
Mitragynine	5.216	19483	34637.89	31.4	264.64	451836	11.2089 ng/ml
Morphine	1.247	3046	45.54	24.3	38.08	6997	9.8670 ng/ml
Nordiazepam	5.906	2746	8739.16	60.8	151.00	10398	9.6727 ng/ml
Norfentanyl	4.099	5817	259.11	30.2	54.96	257119	1.0155 ng/ml
Norhydrocodone	3.080	1607	33.55	29.1	19.24	19441	10.1598 ng/ml
Noroxycodone	2.923	11506	130.64	43.8	116.59	33051	10.2252 ng/ml
O-desmethyl-tramadol	3.383	120988	2141.95	5.8	169.19	727168	9.8736 ng/ml
Oxazepam	5.763	10888	524.19	64.8	426.83	43996	10.5676 ng/ml
Oxycodone	2.848	45815	638.24	28.5	112.82	145373	10.1463 ng/ml
Oxymorphone	1.411	16241	135.88	45.2	193.56	48031	10.1872 ng/ml
Phentermine	3.797	6074	72.39	5.9	26.17	84214	10.2095 ng/ml
Promethazine	5.552	88192	1958.00	28.9	1026.64	409808	9.9057 ng/ml
Pseudoephedrine	2.596	96276	139.38	16.1	1050.76	488525	10.0340 ng/ml
Quetiapine	5.521	48173	178.77	51.9	45704.05	60271	11.0196 ng/ml
Sertraline	5.789	2596	1055.47	105.7	242.69	12110	10.6196 ng/ml
Temazepam	5.823	38626	5814.15	27.7	347.20	199066	9.8807 ng/ml
Tramadol	4.259	146808	457.16	3.3	154.65	701451	10.0002 ng/ml
Trazodone	5.034	69881	858.53	75.2	2537.22	295917	10.6340 ng/ml
Venlafaxine	5.050	105450	3172.21	39.3	3103.07	619714	9.8863 ng/ml
Zolpidem	4.819	153159	2535.04	32.4	1170.63	616016	10.1862 ng/ml

SC

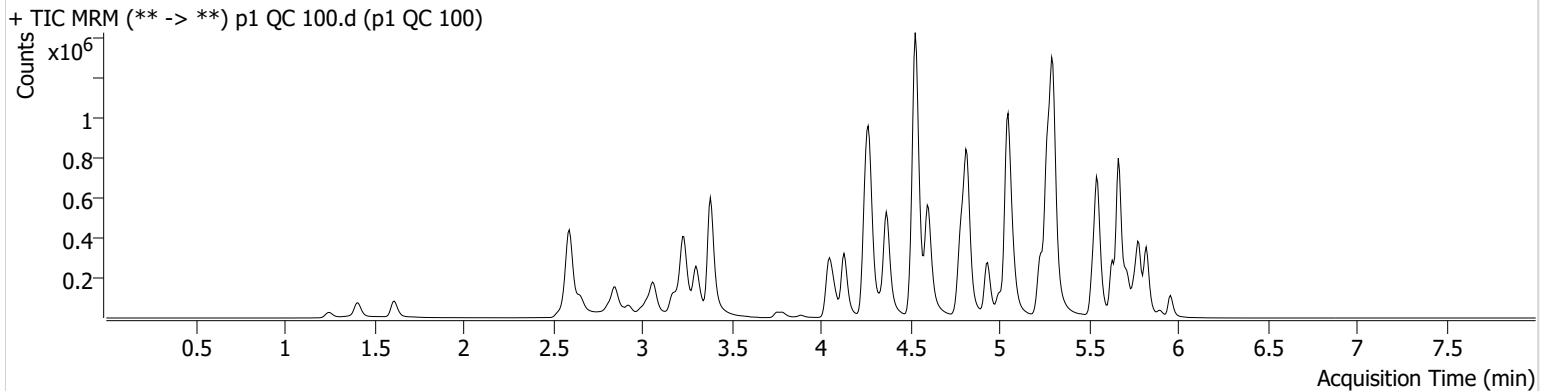


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 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-B2	Comment	
Injection Volume	2		
Acq. Date-Time	12/17/2021 6:25:58 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	4809	823.65	75.0	281.72	14089	9.4121 ng/ml
7-aminoclonazepam	4.258	88833	183.89	79.5	3227.17	37123	106.5647 ng/ml
a-hydroxyalprazolam	5.699	28372	225.16	78.5	233.17	134118	94.7680 ng/ml
alpha-PHP	4.937	176096	4380.90	283.4	1126.35	316729	96.6919 ng/ml
alpha-PVP	4.370	691161	20422.31	48.9	789.33	316729	94.9321 ng/ml
Alprazolam	5.782	229806	6760.82	131.8	2649.55	134118	83.9917 ng/ml
Amphetamine	3.063	308443	2298.39	48.4	5268.64	38497	106.7298 ng/ml
Benzoylcegonine	3.886	13041	16244.98	8.0	116.94	3902	105.9110 ng/ml
Buprenorphine	5.663	6144	34012.71	17.7	1053.78	22246	10.0179 ng/ml
Bupropion	4.788	501160	1292116.74	65.4	262634.34	175036	102.1562 ng/ml
Carisoprodol	5.730	12996	268.78	55.8	235.70	5107	94.8289 ng/ml
Citalopram	5.232	358736	1102.76	36.0	451.10	161401	95.8949 ng/ml
Clonazepam	5.612	6463	74.79	38.0	5773.00	733	103.6941 ng/ml
Clonazepam	5.555	134353	221759.94	30.2	102784.23	733	89.8222 ng/ml
Cocaine	4.271	576698	54233.16	52.7	2851.41	439110	101.6741 ng/ml
Codeine	2.587	35547	71.43	111.5	57777.35	18871	100.5810 ng/ml
Cyclobenzaprine	5.635	363116	423553.89	9.1	388.10	186163	90.5643 ng/ml
Dextromethorphan	5.275	329467	25056.56	81.0	20695.86	159881	99.3555 ng/ml
Dextrophan	4.132	181943	1908.87	217.0	804.41	206173	99.2673 ng/ml
Diazepam	5.960	93325	5598.53	91.1	371.46	46641	99.4163 ng/ml
Dihydrocodeine	2.565	119553	∞	56.0	2274.72	74100	107.1143 ng/ml
Diphenhydramine	5.303	1412320	96765.07	28.6	958.90	770554	98.6279 ng/ml
Doxylamine	4.529	1690238	8534.43	104.6	46879.59	771652	96.9564 ng/ml
EDDP	5.268	720429	462.78	41.9	678668.00	408636	100.5631 ng/ml
Etizolam	5.820	134573	389687.61	27.7	92518.29	733	94.3982 ng/ml
Fentanyl	5.089	33781	111390.62	109.7	55968.23	239196	9.5955 ng/ml
Flualprazolam	5.712	104918	3310.22	92.5	31373.16	134118	97.2873 ng/ml
Fluoxetine	5.727	73260	2272.47	8.5	20453.54	25642	99.6337 ng/ml
Hydrocodone	3.032	154399	289.97	28.8	66.07	85530	104.7473 ng/ml
Hydromorphone	1.615	131009	1291.82	72.4	1514.58	41365	104.2294 ng/ml
Ketamine	4.051	432090	24704.67	41.3	7130.30	187793	102.5478 ng/ml
Lamotrigine	4.287	23946	13870.33	88.2	65840.42	187793	103.4458 ng/ml
Levetiracetam	2.656	76581	5517.47	135.1	4036.35	393943	93.2561 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	86086	235828.74	52.0	668.68	733	94.8414 ng/ml
MDA	3.209	167811	1759.52	27.7	1000.59	52008	102.3441 ng/ml
MDMA	3.303	317926	948.52	89.8	3258.85	43929	95.4771 ng/ml
Meprobamate	4.911	6846	309.37	26.7	4541.81	3933	107.1103 ng/ml
Methadone	5.666	819736	40442.90	54.4	1132786.39	357101	89.0444 ng/ml
Methamphetamine	3.238	807106	5012.04	39.4	814.81	308887	111.7890 ng/ml
Metoprolol	4.340	63193	1739.15	82.1	1467.21	575282	102.7989 ng/ml
Mirtazapine	4.604	897692	6334.81	45.5	8293.62	316729	103.2599 ng/ml
Mitragynine	5.216	147785	1816.98	31.4	307413.98	357101	91.4401 ng/ml
Morphine	1.253	26162	58.90	23.0	1637.75	5636	104.7845 ng/ml
Norbuprenorphine	5.006	185	146.78	114.7	710.58	1133	7.4418 ng/ml
Nordiazepam	5.906	23506	355.47	60.0	413.63	8334	102.1042 ng/ml
Norfentanyl	4.093	47250	210199.37	30.8	14.89	218293	9.6690 ng/ml
Norhydrocodone	3.080	14312	106.13	34.3	61.19	16444	96.5055 ng/ml
Noroxycodone	2.923	99345	494.93	46.9	883.51	30597	102.8363 ng/ml
O-desmethyl-tramadol	3.383	967783	72161.54	5.8	1034.59	594727	96.5463 ng/ml
Oxazepam	5.763	80074	8318.23	72.9	837.37	34838	97.9422 ng/ml
Oxycodone	2.848	392002	3370.70	28.7	942.52	126320	102.5100 ng/ml
Oxymorphone	1.411	136788	∞	44.6	595.11	44846	95.2063 ng/ml
Phentermine	3.790	51269	93.44	6.2	568.51	75010	100.9352 ng/ml
Promethazine	5.552	721973	713886.47	30.2	519.35	342894	93.5645 ng/ml
Pseudoephedrine	2.596	768318	1532.15	16.4	7382.64	393943	96.0347 ng/ml
Quetiapine	5.521	395270	332341.38	52.3	240.54	54447	107.6028 ng/ml
Sertraline	5.789	20246	14240.89	105.1	89242.11	9721	94.4065 ng/ml
Temazepam	5.823	286862	13933.01	28.1	2214.28	150661	101.0135 ng/ml
Tramadol	4.259	1136234	742.02	3.3	4830.78	575282	100.5697 ng/ml
Trazodone	5.040	579915	6063332.79	75.1	1462.69	260708	105.6531 ng/ml
Venlafaxine	5.050	868692	3384.48	38.1	1348.90	499609	99.1076 ng/ml
Zolpidem	4.819	1261247	4133.01	31.4	139904.60	513922	102.1354 ng/ml

SC

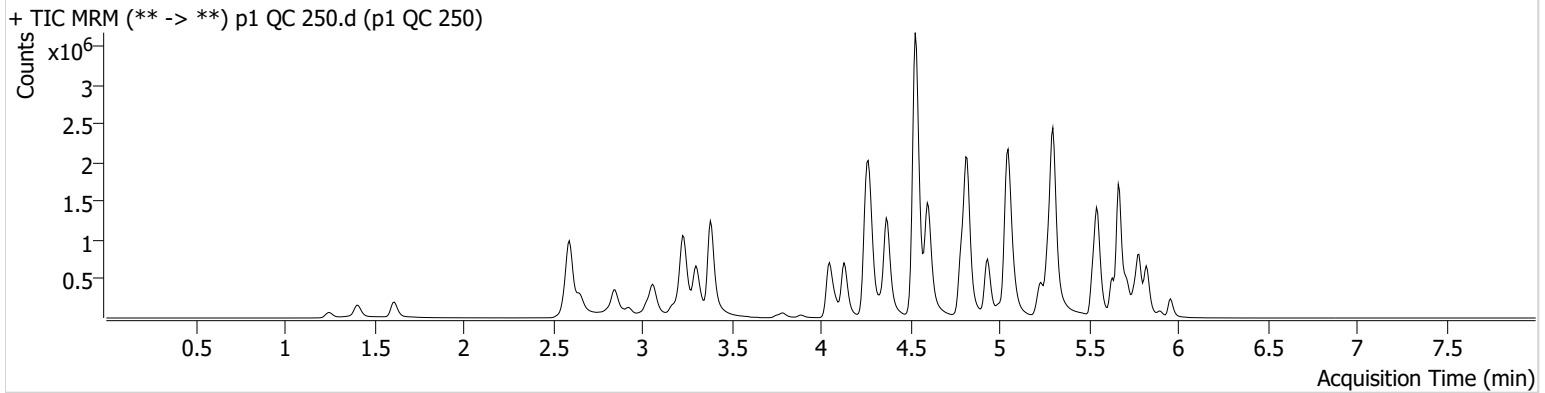


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 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-C2	Comment	
Injection Volume	2		
Acq. Date-Time	12/16/2021 11:53:22 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	13198	3156.32	69.4	2719.83	14411	25.0820 ng/ml
7-aminoclonazepam	4.258	203530	124.57	82.2	1531.64	35590	255.5866 ng/ml
a-hydroxyalprazolam	5.699	70775	278.05	77.9	294.77	118137	268.3592 ng/ml
alpha-PHP	4.937	499617	2352.17	276.5	3860.29	353121	245.6198 ng/ml
alpha-PVP	4.370	1977972	57143.16	50.0	30573.35	353121	243.4930 ng/ml
Alprazolam	5.782	629179	6181.11	122.6	1417.41	118137	258.1531 ng/ml
Amphetamine	3.063	791624	22498.14	49.3	296.97	42292	250.8064 ng/ml
Benzoylcegonine	3.886	42536	336.89	7.6	5319.18	5115	264.2774 ng/ml
Buprenorphine	5.663	13913	1752.18	14.1	4324.13	19674	25.9975 ng/ml
Bupropion	4.788	1136554	2216099.25	65.9	33780.96	123894	328.0694 ng/ml
Carisoprodol	5.730	37088	305.99	55.7	457.83	5876	235.2091 ng/ml
Citalopram	5.232	609981	22264.60	36.1	11220.09	110917	236.5029 ng/ml
Clonazepam	5.612	16066	482.74	34.5	152.08	783	242.1485 ng/ml
* Clonazepam	5.555	267435	8519.58	31.2	120025.41	783	168.1535 ng/ml
Cocaine	4.271	1374245	147075.38	53.1	4061.44	429453	248.3222 ng/ml
Codeine	2.587	92626	273.28	102.4	236.15	18498	267.6090 ng/ml
Cyclobenzaprine	5.635	820107	17282.65	8.7	2840.81	152501	248.2260 ng/ml
Dextromethorphan	5.282	801507	206953.75	81.9	1000.21	156100	248.1929 ng/ml
Dextrophan	4.132	492171	588791.94	217.0	699.67	220423	251.3768 ng/ml
Diazepam	5.960	237958	7110.04	90.6	7347.23	46697	253.1141 ng/ml
Dihydrocodeine	2.565	322178	270.65	58.0	211.10	79708	268.8740 ng/ml
Diphenhydramine	5.303	3511281	88282.91	29.4	94016.06	764599	246.6797 ng/ml
Doxylamine	4.529	4799470	3334.99	100.8	5279.88	817025	259.4974 ng/ml
EDDP	5.275	776946	10216.64	44.0	4208.73	172417	256.7738 ng/ml
* Etizolam	5.820	346798	184013.86	28.0	162680.47	783	228.4715 ng/ml
Fentanyl	5.089	92625	409846.25	106.2	8969.74	229843	27.3323 ng/ml
Flualprazolam	5.712	241730	35064.24	96.2	155506.24	118137	255.0251 ng/ml
Fluoxetine	5.727	130526	370.49	8.5	385.68	18442	246.5837 ng/ml
Hydrocodone	3.025	391611	258.87	29.3	334.16	86186	263.9470 ng/ml
Hydromorphone	1.615	361012	2840423.03	72.1	4344.53	46413	256.0767 ng/ml
Ketamine	4.051	1225731	35987.62	41.2	588.87	210000	260.9124 ng/ml
Lamotrigine	4.287	60646	560.23	85.7	63419.34	210000	235.1098 ng/ml
Levetiracetam	2.656	241353	1268.52	135.0	8306.86	437635	264.4841 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.753	182473	52911.62	49.7	1447.07	783	188.5651 ng/ml
MDA	3.209	430822	958.65	26.5	2628.52	52358	262.2807 ng/ml
MDMA	3.303	890152	92330.94	90.8	1850.68	46487	252.2327 ng/ml
Meprobamate	4.911	19834	472.70	26.4	68.33	4616	265.9057 ng/ml
Methadone	5.666	2179048	2680.00	52.0	767.60	354789	235.2037 ng/ml
Methamphetamine	3.238	2242065	45641.96	38.6	53843.90	377687	256.4875 ng/ml
Metoprolol	4.340	177721	11483.32	86.2	10387.61	653673	255.1895 ng/ml
Mirtazapine	4.597	2423726	55952.37	45.8	2088.34	353121	250.0811 ng/ml
Mitragynine	5.216	298337	14220.44	32.3	699075.11	354789	183.8584 ng/ml
Morphine	1.253	73444	4081.64	23.3	188.88	6446	257.1270 ng/ml
Norbuprenorphine	5.006	502	325.41	112.4	∞	1216	20.6653 ng/ml
Nordiazepam	5.900	61819	1386.37	58.9	352.38	8951	249.8207 ng/ml
Norfentanyl	4.093	137465	304.26	31.1	2015.50	247776	24.7747 ng/ml
Norhydrocodone	3.080	38428	135.82	33.7	154.53	16177	261.5066 ng/ml
Noroxycodone	2.923	231442	1347.46	47.5	125.90	28176	261.5370 ng/ml
O-desmethyl-tramadol	3.383	2651663	58955.25	5.9	658.54	634891	247.7922 ng/ml
Oxazepam	5.763	171899	208.77	74.9	278.88	29123	251.4773 ng/ml
Oxycodone	2.848	1002702	1279.43	28.4	289.25	134042	247.5185 ng/ml
Oxymorphone	1.405	344865	920.83	45.1	210.45	45584	236.7561 ng/ml
Phentermine	3.790	151987	226.19	5.5	127.54	88199	255.2284 ng/ml
Promethazine	5.552	1716646	1239.01	31.4	666.77	311604	244.1926 ng/ml
Pseudoephedrine	2.596	2175375	87753.12	16.6	92897.87	437635	244.1927 ng/ml
Quetiapine	5.521	917347	2407022.38	56.7	728.92	55367	246.7666 ng/ml
Sertraline	5.796	40035	3496.02	101.3	20400.78	6951	259.3142 ng/ml
Temazepam	5.823	609514	10147.75	27.2	4865.13	129090	251.1772 ng/ml
Tramadol	4.259	3131868	3516.13	3.5	5247.48	653673	245.0102 ng/ml
Trazodone	5.034	1352740	145328.91	76.7	9580.25	286166	225.2607 ng/ml
Venlafaxine	5.050	2442398	2022.44	37.8	30763.43	570320	243.7966 ng/ml
Zolpidem	4.819	3556093	1955.34	30.1	49340.02	577000	256.7612 ng/ml

*OCR

SC

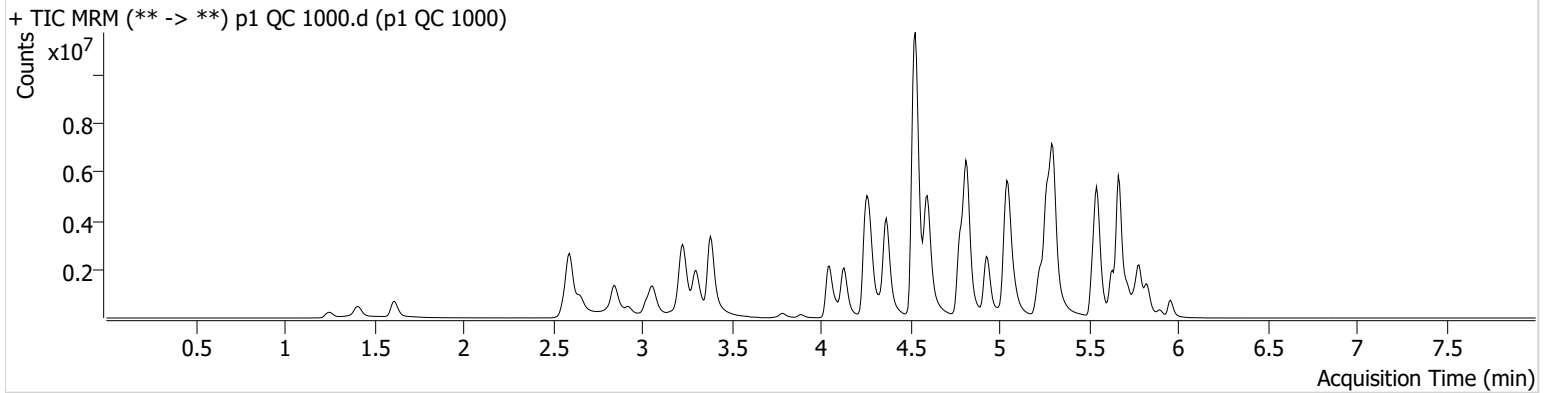


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 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-D2	Comment	
Injection Volume	2		
Acq. Date-Time	12/17/2021 12:14:36 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	56524	10395.23	71.3	93319.85	15206	101.4948 ng/ml
* Z-aminoclonazepam	4.251	415455	8418.86	80.1	1956.36	26908	691.1779 ng/ml
a-hydroxyalprazolam	5.699	168689	600.53	75.8	249.02	79437	951.1911 ng/ml
alpha-PHP	4.930	1830958	76615.91	272.3	479374.07	306902	1034.7677 ng/ml
alpha-PVP	4.370	7206650	975.26	49.7	83241.07	306902	1020.3806 ng/ml
Alprazolam	5.782	1864223	2761.11	115.7	1660.58	79437	1132.8200 ng/ml
Amphetamine	3.063	2355484	623.12	48.9	391.96	35541	890.8262 ng/ml
Benzoylcegonine	3.886	168624	1676.25	7.9	1092.11	5351	1002.8026 ng/ml
Buprenorphine	5.656	37790	858.33	16.0	9588.12	13749	101.6888 ng/ml
Bupropion	4.781	5193392	476883.04	64.3	136086.02	190982	973.1739 ng/ml
Carisoprodol	5.730	106773	5360.67	56.6	367.33	4118	966.1545 ng/ml
Citalopram	5.232	2647328	33112247.80	38.2	207296.26	112276	1012.2907 ng/ml
Clonazepam	5.612	67722	465.18	33.0	40550.89	931	859.5674 ng/ml
* Clonazepam	5.562	619119	975445.31	32.5	384024.63	931	328.0576 ng/ml
Cocaine	4.271	4235405	1056.27	53.8	1465.07	340907	965.2918 ng/ml
Codeine	2.587	285858	372.64	99.3	197.62	16609	920.1619 ng/ml
Cyclobenzaprine	5.635	3643814	192701.20	7.6	15957.62	147530	1137.0618 ng/ml
Dextromethorphan	5.275	2292560	349694.48	79.3	150876.29	113642	976.3762 ng/ml
Dextrophan	4.132	1662955	4634.41	220.0	25183.28	181871	1029.8249 ng/ml
Diazepam	5.960	797434	12999.96	91.0	43730.50	40825	970.1224 ng/ml
Dihydrocodeine	2.559	1125073	20610.89	59.2	9781.69	85322	877.9536 ng/ml
Diphenhydramine	5.303	11481098	1420692.62	29.4	6682.52	593459	1038.2576 ng/ml
Doxylamine	4.529	17605656	533718.34	99.8	332829.89	793080	979.7759 ng/ml
EDDP	5.268	6993349	200176.98	42.0	157907.03	378883	1051.2484 ng/ml
* Etizolam	5.820	1000167	101729.05	28.1	77606.85	931	554.5760 ng/ml
* Fentanyl	5.089	435930	62188.18	100.9	30572.48	224808	131.4192 ng/ml
Flualprazolam	5.712	587324	37461.30	103.6	2744.20	79437	922.3851 ng/ml
Fluoxetine	5.727	641753	48803.15	8.8	196347.52	20636	1082.9463 ng/ml
Hydrocodone	3.025	1616188	4940.03	30.9	223.25	95885	979.6562 ng/ml
Hydromorphone	1.615	1374946	11117730.96	72.9	3282751.95	43445	1042.1110 ng/ml
Ketamine	4.044	4357917	107345.56	38.8	30110.33	198697	981.7986 ng/ml
* Lamotrigine	4.287	142165	722.07	87.8	405716.77	198697	583.4624 ng/ml
Levetiracetam	2.656	720635	2747.41	139.8	2825.14	331798	1041.4703 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.753	423169	381568.34	48.3	10195.10	931	367.9213 ng/ml
MDA	3.203	1209657	5163.88	26.9	3336.29	43063	897.3770 ng/ml
MDMA	3.303	2868581	247378.75	90.5	1418.83	34962	1080.0235 ng/ml
Meprobamate	4.904	60272	150.78	27.7	19926.99	4177	895.5248 ng/ml
Methadone	5.666	8734736	114325.43	49.3	3586.88	325297	1022.1765 ng/ml
* Methamphetamine	3.231	6990898	110316.25	37.6	2516.79	370223	820.1848 ng/ml
Metoprolol	4.333	524004	1589821.84	87.7	84488.71	527979	932.8927 ng/ml
Mirtazapine	4.597	8779673	208470.58	43.7	266338.43	306902	1042.3529 ng/ml
Mitragynine	5.210	1581578	96320.41	34.5	3360033.47	325297	1054.0832 ng/ml
Morphine	1.253	269454	592.83	22.9	416.10	6224	976.8314 ng/ml
Norbuprenorphine	4.999	2444	1731.85	103.5	6632.27	1326	96.4801 ng/ml
Nordiazepam	5.900	234751	63713.95	61.0	9263.13	8099	1048.0530 ng/ml
Norfentanyl	4.093	489377	27278.60	32.5	4384.15	214898	101.6746 ng/ml
* Norhydrocodone	3.080	175315	539.82	37.0	777.87	14661	1311.9417 ng/ml
Noroxycodone	2.923	812630	935.17	48.2	19455.09	25576	1014.2148 ng/ml
O-desmethyl-tramadol	3.383	8970818	676745.07	6.0	30698.38	524419	1014.8894 ng/ml
Oxazepam	5.756	377068	48642.47	73.1	3215.90	14990	1071.6384 ng/ml
Oxycodone	2.841	4137143	16641.46	28.7	1069.78	140340	976.2945 ng/ml
Oxymorphone	1.411	1290301	328.56	44.6	∞	39269	1029.6516 ng/ml
Phentermine	3.790	504558	∞	5.9	2437.32	81622	916.8436 ng/ml
Promethazine	5.545	8436538	4405.82	29.7	119165.45	344846	1083.0969 ng/ml
Pseudoephedrine	2.596	6937209	203593.32	16.4	64446.81	331798	1025.9438 ng/ml
Quetiapine	5.521	3238513	238114.98	59.7	35650.73	58504	826.6252 ng/ml
Sertraline	5.796	258495	705466.03	97.7	13533.66	11969	969.5403 ng/ml
Temazepam	5.830	1392765	23103.16	27.9	34827.39	76558	969.0874 ng/ml
Tramadol	4.252	9783788	∞	3.4	1388.25	527979	949.7200 ng/ml
* Trazodone	5.027	4115364	1372681.34	78.4	287122.54	322143	609.8731 ng/ml
Venlafaxine	5.050	7897108	68963.26	35.7	6547.39	427628	1050.6252 ng/ml
Zolpidem	4.819	12547694	∞	28.1	197897.77	538582	971.1058 ng/ml

*OCR

SC

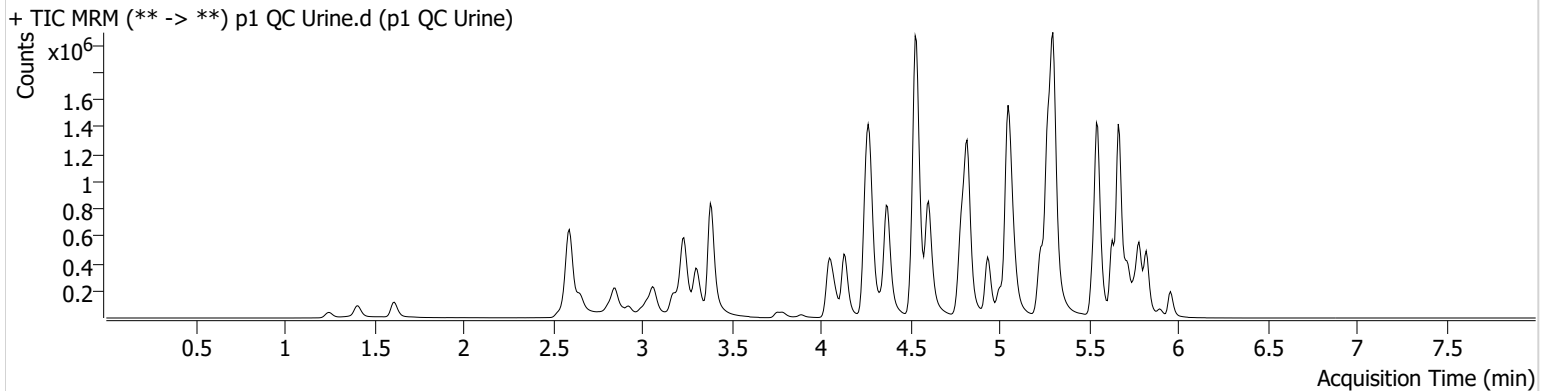


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 AM

Instrument	Falco (069901)	Data File	p1 QC Urine.d
Type	Sample	Sample	p1 QC Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-E2	Comment	
Injection Volume	2		
Acq. Date-Time	12/17/2021 3:57:19 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	7403	1002.70	80.0	24378.73	20654	9.8789 ng/ml
7-aminoclonazepam	4.258	174224	9442.07	81.8	29088.92	73305	105.8364 ng/ml
a-hydroxyalprazolam	5.699	43358	276.55	77.6	264.11	158101	122.8504 ng/ml
alpha-PHP	4.937	286627	4302.11	279.8	18037.58	506713	98.3695 ng/ml
alpha-PVP	4.376	1103225	43874.54	48.9	846.09	506713	94.7164 ng/ml
Alprazolam	5.782	352597	4838.77	120.5	943.60	158101	108.9048 ng/ml
Amphetamine	3.069	401372	436.94	48.5	743.92	50665	105.5179 ng/ml
Benzoylecgonine	3.892	24057	257.49	8.6	117.62	7966	95.6594 ng/ml
Buprenorphine	5.663	10282	50304.90	16.1	1429.18	35485	10.5204 ng/ml
Bupropion	4.788	815053	116897.27	65.6	22438.18	279924	103.8931 ng/ml
Carisoprodol	5.730	20176	2125.68	52.8	196.09	7956	94.5052 ng/ml
Citalopram	5.239	553527	591.20	35.8	22564.66	249845	95.5884 ng/ml
Clonazepam	5.612	10116	73.17	36.0	10932.53	1177	101.0247 ng/ml
Clonazepam	5.562	144299	6056.17	31.0	77464.67	1177	59.7433 ng/ml
Cocaine	4.277	787213	588.17	53.2	652591.60	612504	99.4902 ng/ml
Codeine	2.587	51915	151.74	101.7	90212.60	25737	107.7155 ng/ml
Cyclobenzaprine	5.635	755195	689.87	8.3	294.27	357285	98.0709 ng/ml
Dextromethorphan	5.282	545273	12659.54	79.7	1626.88	270011	97.3578 ng/ml
Dextrophan	4.132	269669	535.45	214.3	26079.53	311138	97.4923 ng/ml
Diazepam	5.960	162219	305.17	92.4	595.48	80753	99.8077 ng/ml
Dihydrocodeine	2.565	171259	297.22	57.3	76.18	106741	106.5169 ng/ml
Diphenhydramine	5.303	2235430	186980.98	29.8	3830.53	1253579	95.9654 ng/ml
Doxylamine	4.536	2506824	148958.85	102.6	3626.00	1124311	98.6877 ng/ml
EDDP	5.275	1139565	50228.08	43.1	422.60	664498	97.8250 ng/ml
Etizolam	5.820	194740	126261.69	28.5	70132.88	1177	84.9798 ng/ml
Fentanyl	5.089	70976	671.53	104.0	489.18	462552	10.4233 ng/ml
Flualprazolam	5.712	147145	5178.00	93.3	26556.55	158101	115.8105 ng/ml
Fluoxetine	5.727	219583	59296.53	8.7	34482.15	78410	97.6642 ng/ml
Hydrocodone	3.032	216104	1529.38	29.0	1963.94	119923	104.5621 ng/ml
Hydromorphone	1.615	183584	2543.68	63.7	1874.43	56731	106.4985 ng/ml
Ketamine	4.051	644405	19970.67	41.8	4551.54	272085	105.5710 ng/ml
Lamotrigine	4.287	34579	1057.24	86.7	641.64	272085	103.1001 ng/ml
Levetiracetam	2.656	124051	604.71	136.1	3981.19	575836	103.3412 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	104348	5934.20	48.8	1425.04	1177	71.4618 ng/ml
MDA	3.209	222390	3423.20	26.8	1015.84	67072	105.1922 ng/ml
MDMA	3.310	467402	4696.99	88.7	2937.81	60084	102.6090 ng/ml
Meprobamate	4.911	10174	57.71	29.1	10529.27	6189	101.1169 ng/ml
Methadone	5.666	1488061	34671.84	54.4	1086.69	644786	89.5120 ng/ml
Methamphetamine	3.238	1166187	557.44	38.8	516.77	454074	109.8436 ng/ml
Metoprolol	4.340	96490	144727.03	83.4	1927.11	857763	105.2854 ng/ml
Mirtazapine	4.604	1390596	323936.58	45.7	4279.13	506713	99.9838 ng/ml
Mitragynine	5.216	296678	1760.30	32.5	1051.53	644786	101.4542 ng/ml
Morphine	1.253	38741	192.07	23.5	109.38	8632	101.2999 ng/ml
Norbuprenorphine	5.006	362	1469.29	105.8	725.42	1980	8.4858 ng/ml
Nordiazepam	5.906	39966	2118.32	62.6	485.87	14420	100.3310 ng/ml
Norfentanyl	4.099	70805	342.18	31.6	89.33	320198	9.8779 ng/ml
Norhydrocodone	3.080	18431	161.06	32.7	59.77	20667	98.8568 ng/ml
Noroxycodone	2.923	135042	290.63	48.1	375.87	41533	102.9827 ng/ml
O-desmethyl-tramadol	3.389	1364349	39945.85	5.9	538.25	836545	96.7635 ng/ml
Oxazepam	5.763	92300	2351.05	74.0	145.39	40230	97.7644 ng/ml
Oxycodone	2.848	558926	634.87	28.7	541.70	186903	98.7733 ng/ml
Oxymorphone	1.405	173198	∞	42.1	419.36	50990	106.0703 ng/ml
Phentermine	3.797	78071	655.00	6.0	164.13	108456	106.3277 ng/ml
Promethazine	5.552	1657097	81383.22	30.6	776.00	756081	97.3779 ng/ml
Pseudoephedrine	2.596	1160777	26091.92	16.3	16110.87	575836	99.2468 ng/ml
Quetiapine	5.521	606183	100093.97	55.0	32670.89	87894	102.1759 ng/ml
Sertraline	5.796	81955	213.39	97.1	858.91	38352	96.8418 ng/ml
Temazepam	5.823	373308	31390.57	28.1	2564.03	202168	97.9494 ng/ml
Tramadol	4.259	1727491	∞	3.4	238.84	857763	102.5628 ng/ml
Trazodone	5.040	984737	5879716.53	75.1	293791.30	472695	98.9078 ng/ml
Venlafaxine	5.057	1298822	39750.85	38.1	4464.45	770495	96.0903 ng/ml
Zolpidem	4.819	1979704	2833.39	30.6	1247.97	803623	102.5237 ng/ml

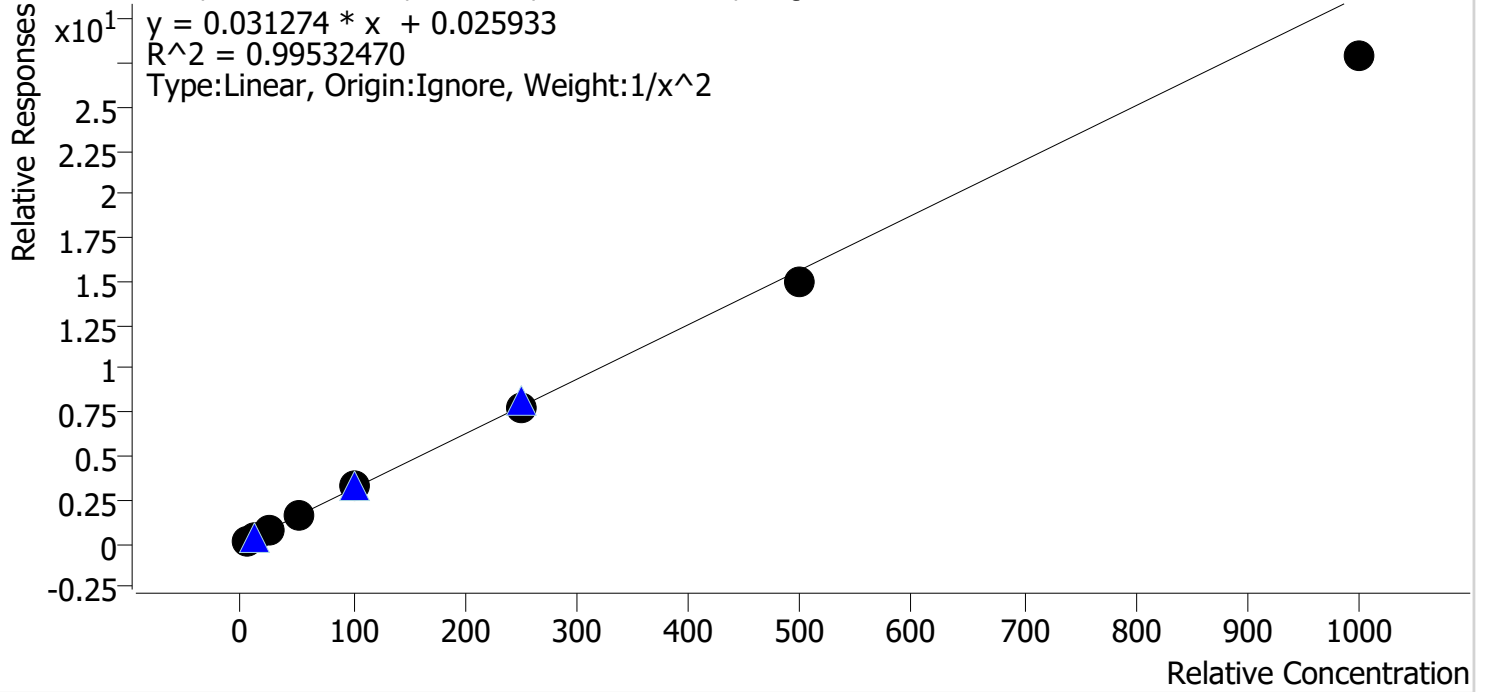
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

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



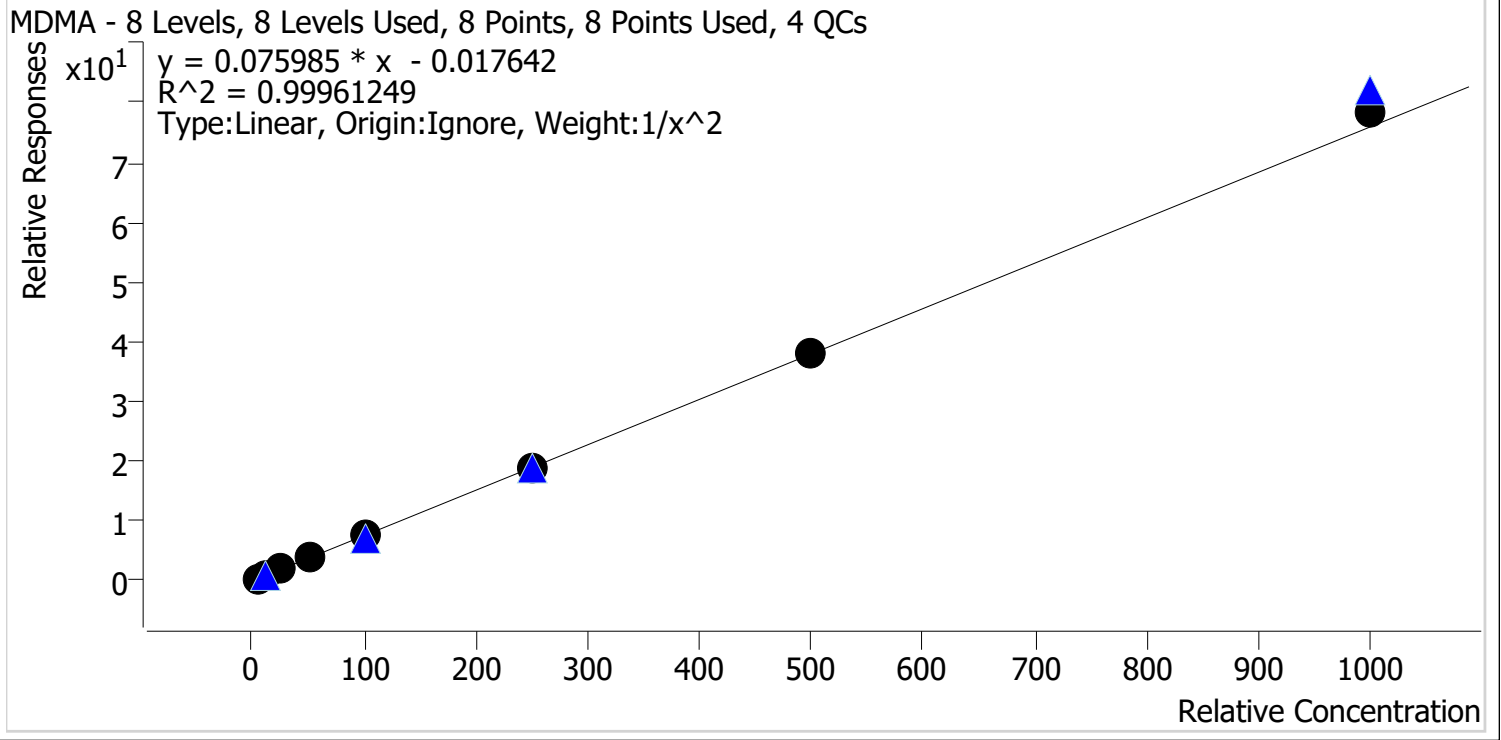
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.6	105.8
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	51.9	103.7
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	477.9	95.6
p1 Cal 8-1000ng	8	✓	1000.0	894.3	89.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	498.6	99.7
p1 Cal 8-1000ng	8	✓	1000.0	1036.1	103.6

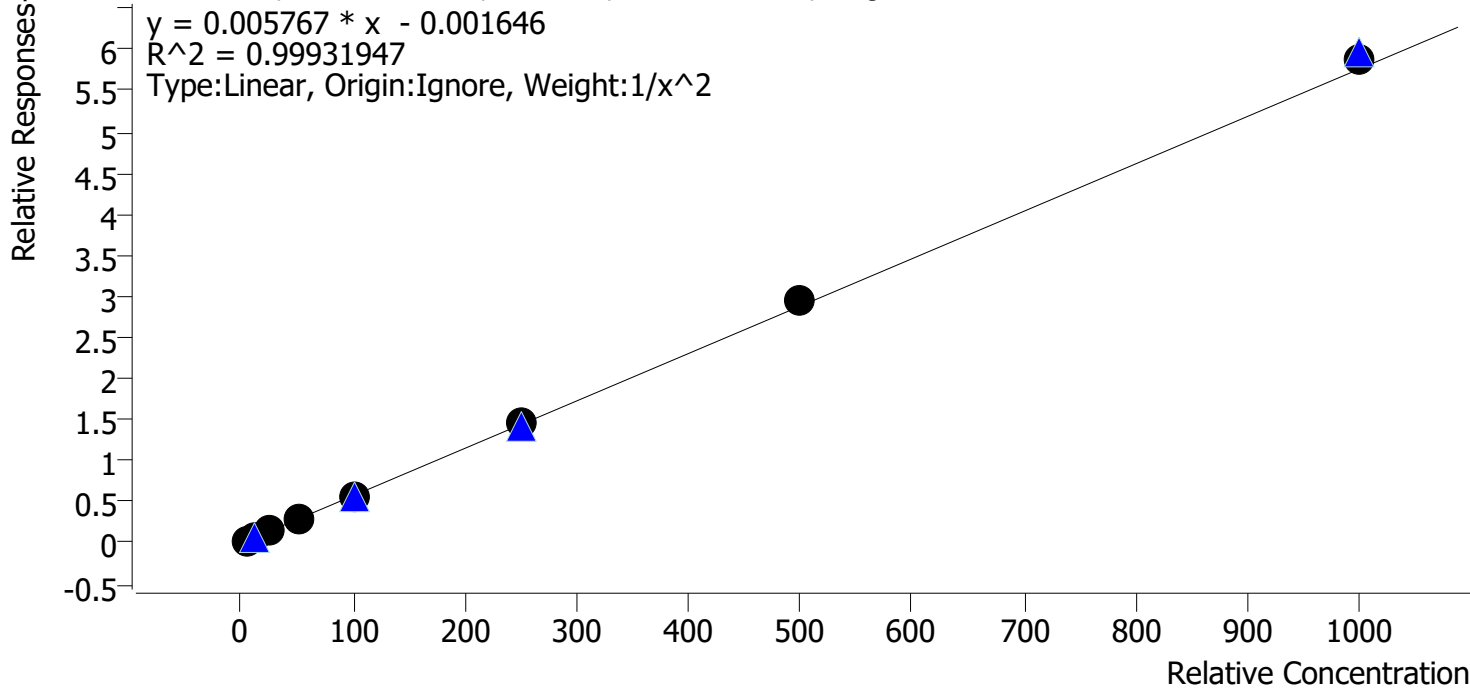
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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



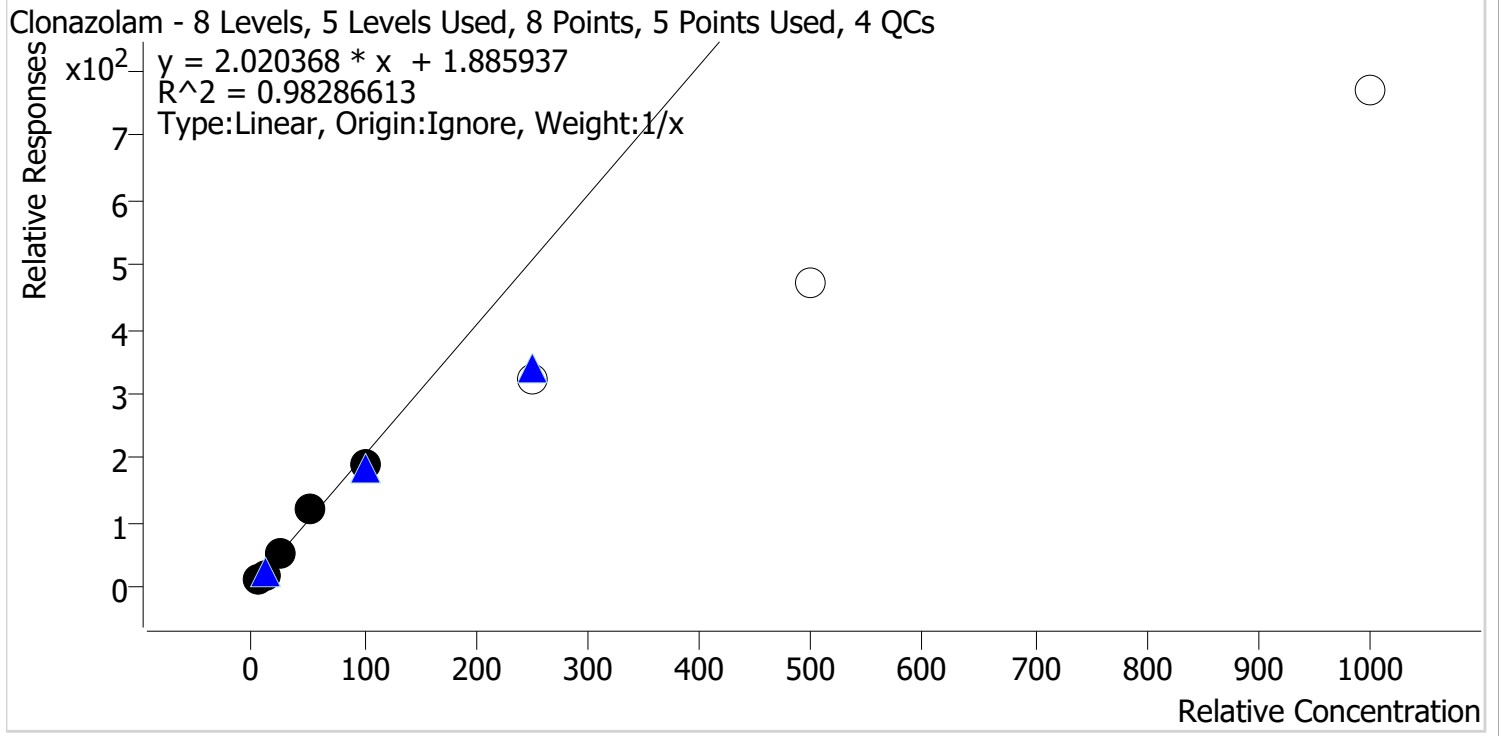
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	48.4	96.7
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	510.0	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1023.3	102.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.5
p1 Cal 2-10ng	2	✓	10.0	8.8	88.4
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.2
p1 Cal 4-50ng	4	✓	50.0	58.6	117.3
p1 Cal 5-100ng	5	✓	100.0	93.6	93.6
p1 Cal 6-250ng	6	✗	250.0	158.0	63.2
p1 Cal 7-500ng	7	✗	500.0	231.3	46.3
p1 Cal 8-1000ng	8	✗	1000.0	380.4	38.0

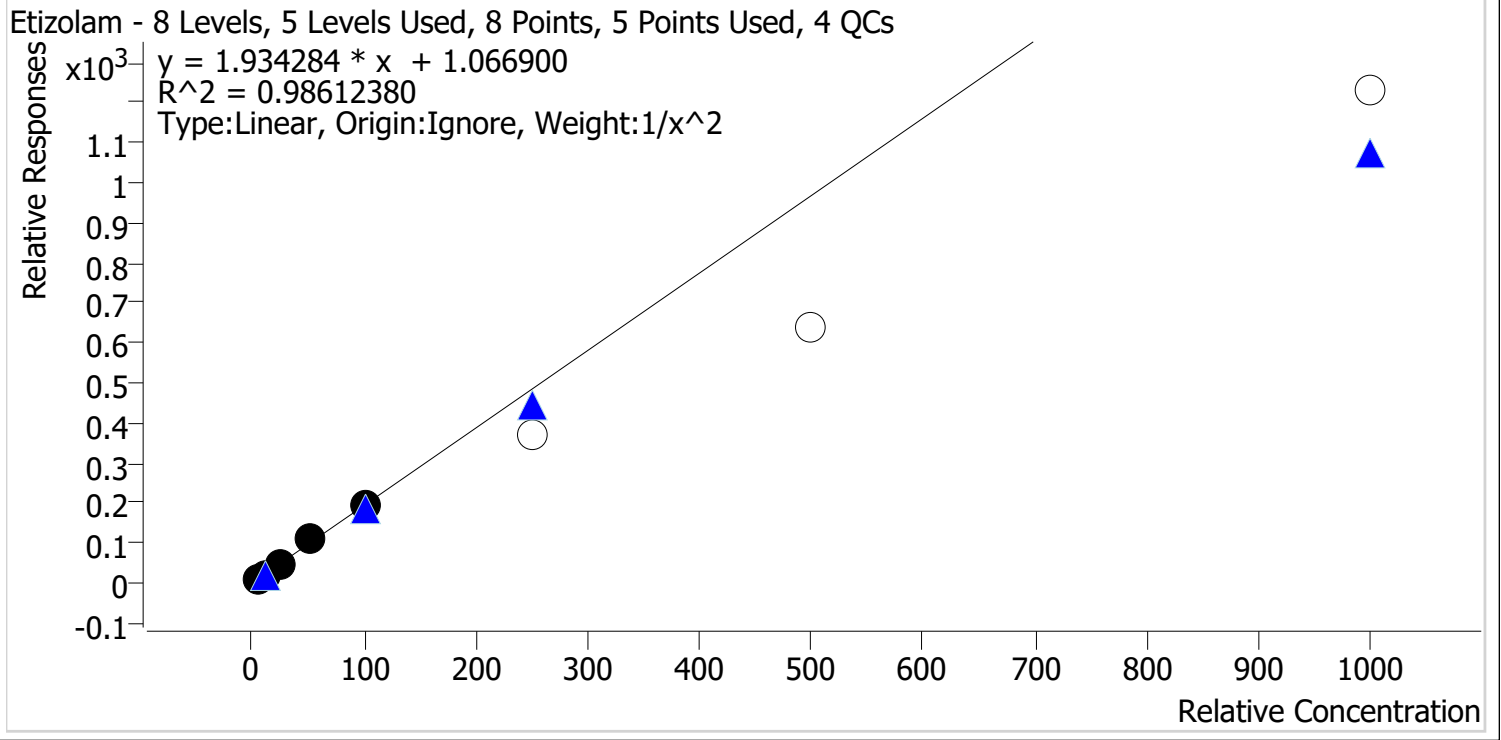
Cal 6-8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.5
p1 Cal 2-10ng	2	✓	10.0	9.0	89.8
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.8
p1 Cal 4-50ng	4	✓	50.0	55.7	111.4
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✗	250.0	192.6	77.0
p1 Cal 7-500ng	7	✗	500.0	331.5	66.3
p1 Cal 8-1000ng	8	✗	1000.0	635.6	63.6

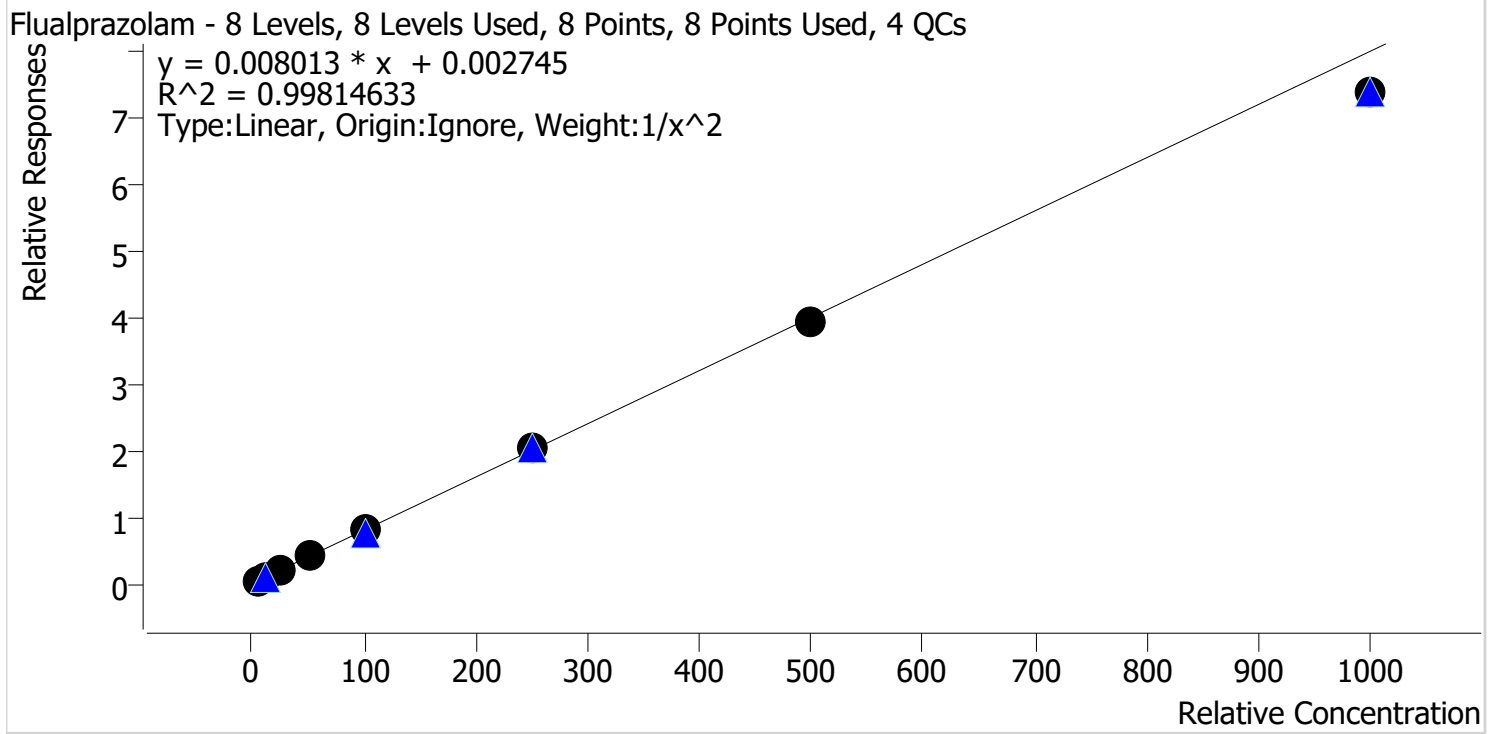
Cal 6-8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	253.6	101.4
p1 Cal 7-500ng	7	✓	500.0	494.6	98.9
p1 Cal 8-1000ng	8	✓	1000.0	922.1	92.2

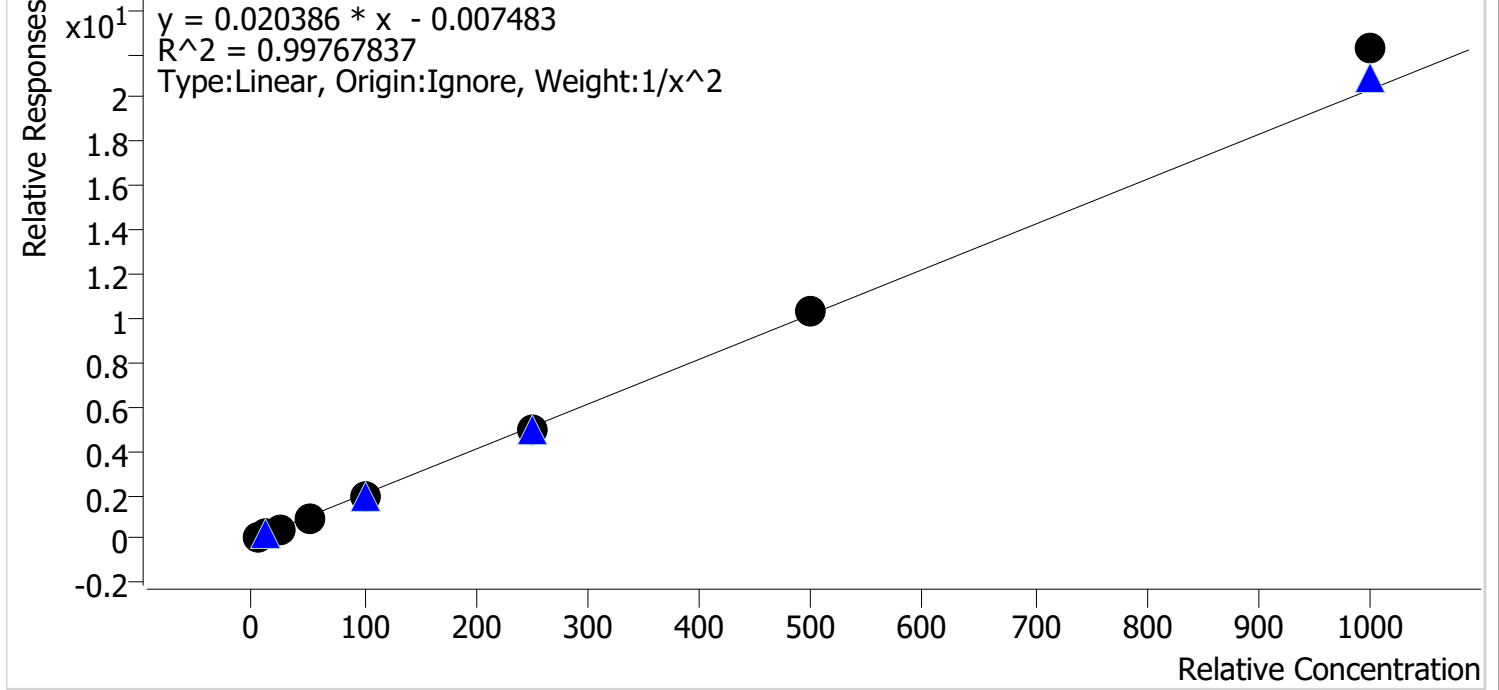
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	505.3	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1091.2	109.1

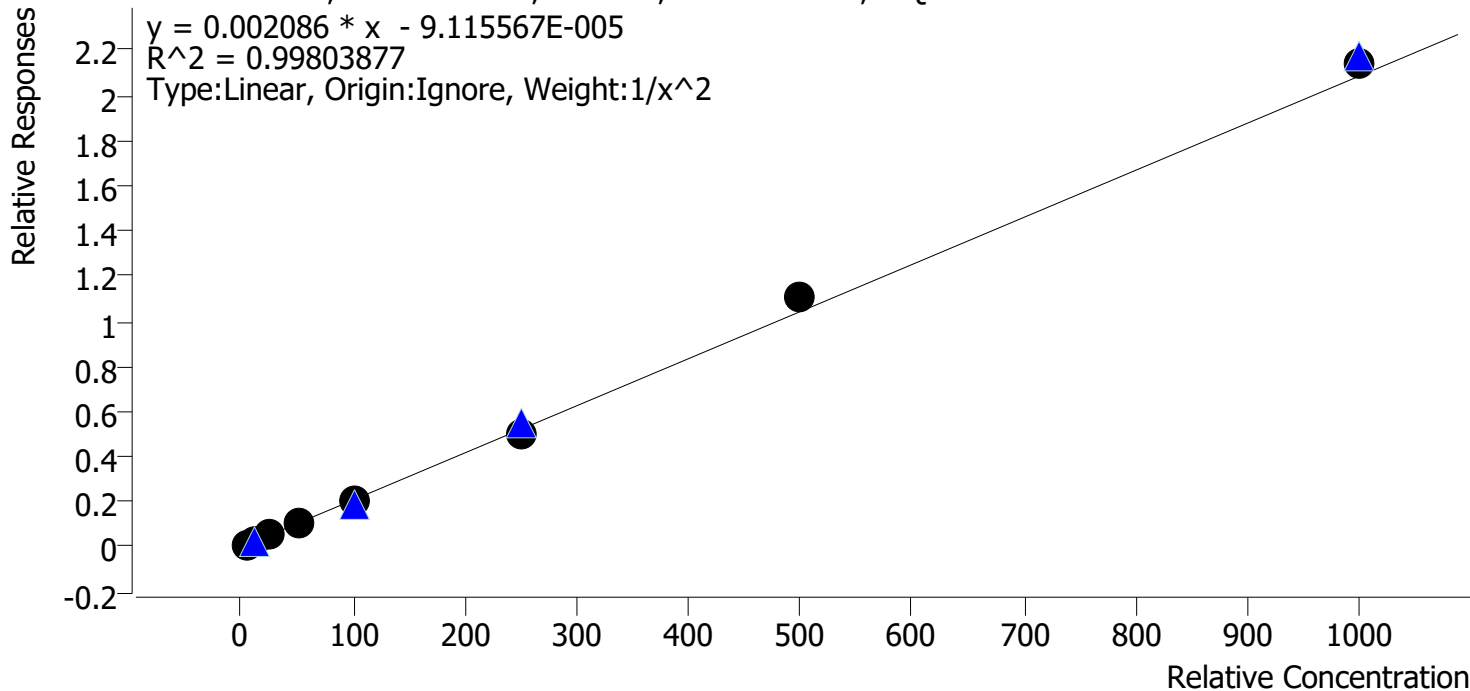
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	238.4	95.4
p1 Cal 7-500ng	7	✓	500.0	534.7	106.9
p1 Cal 8-1000ng	8	✓	1000.0	1027.1	102.7

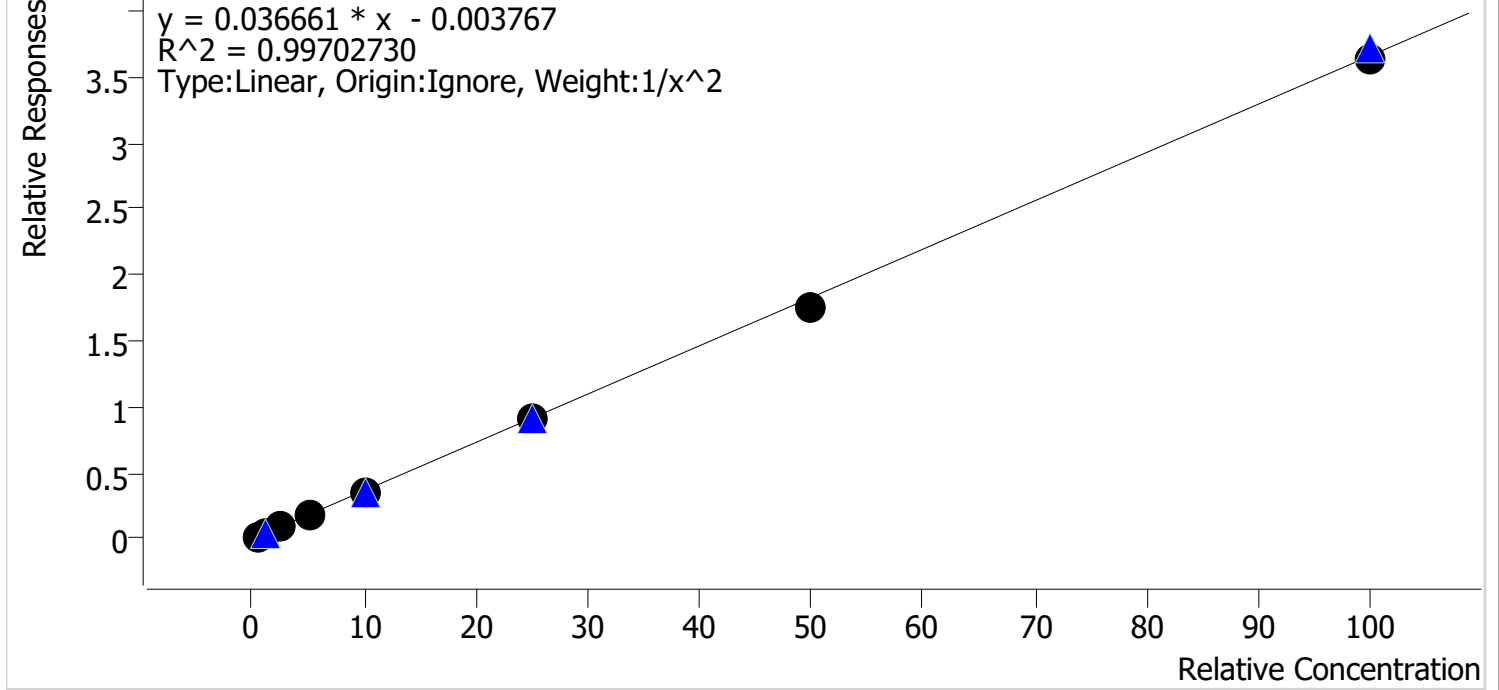
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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



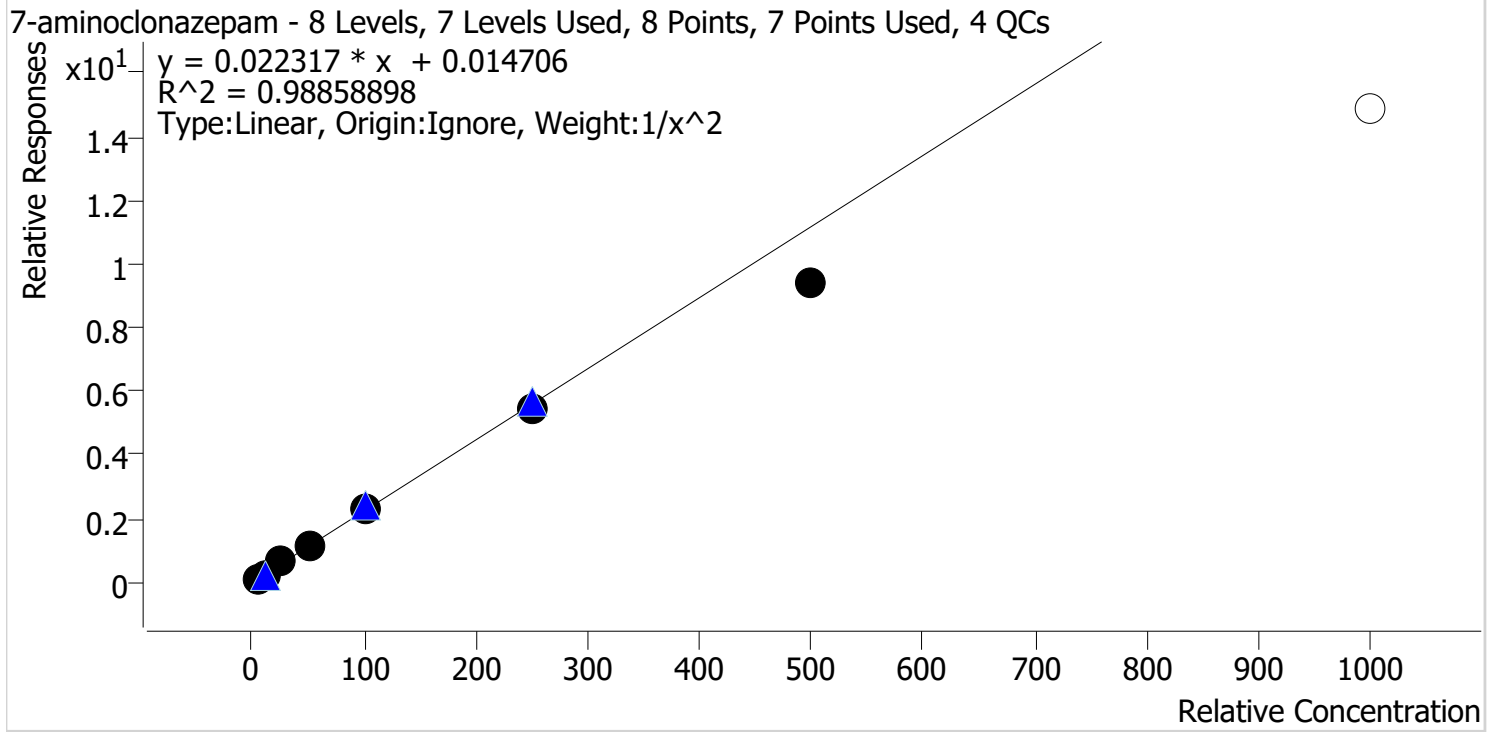
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	95.8
p1 Cal 2-10ng	2	✓	1.0	1.1	106.1
p1 Cal 3 -25ng	3	✓	2.5	2.7	108.1
p1 Cal 4-50ng	4	✓	5.0	4.8	96.4
p1 Cal 5-100ng	5	✓	10.0	9.7	97.2
p1 Cal 6-250ng	6	✓	25.0	25.2	100.8
p1 Cal 7-500ng	7	✓	50.0	48.1	96.1
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\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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	4.7	93.6
p1 Cal 2-10ng	2	✓	10.0	10.8	108.2
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.2
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	419.1	83.8
p1 Cal 8-1000ng	8	✗	1000.0	665.8	66.6

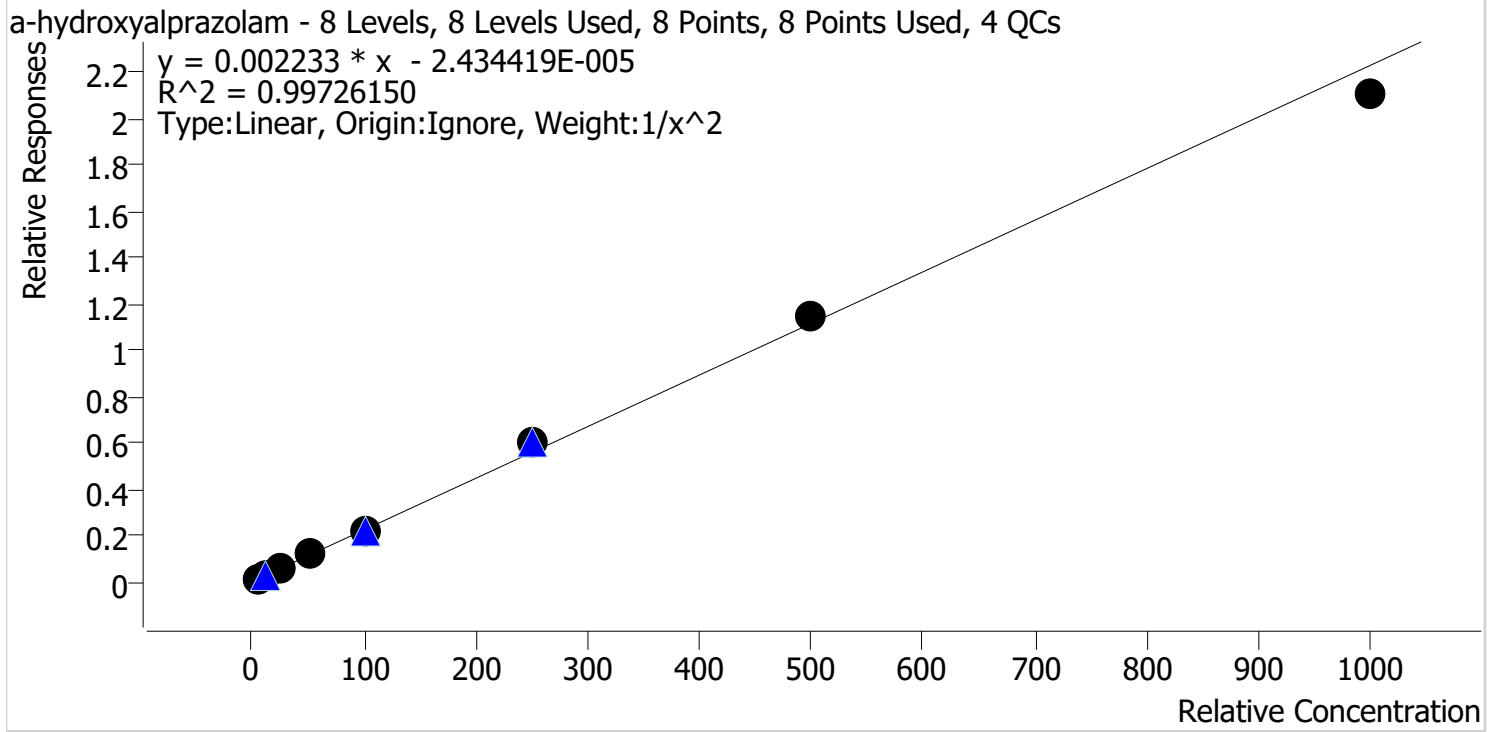
Cal 8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.5	94.6
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	268.0	107.2
p1 Cal 7-500ng	7	✓	500.0	514.3	102.9
p1 Cal 8-1000ng	8	✓	1000.0	947.9	94.8

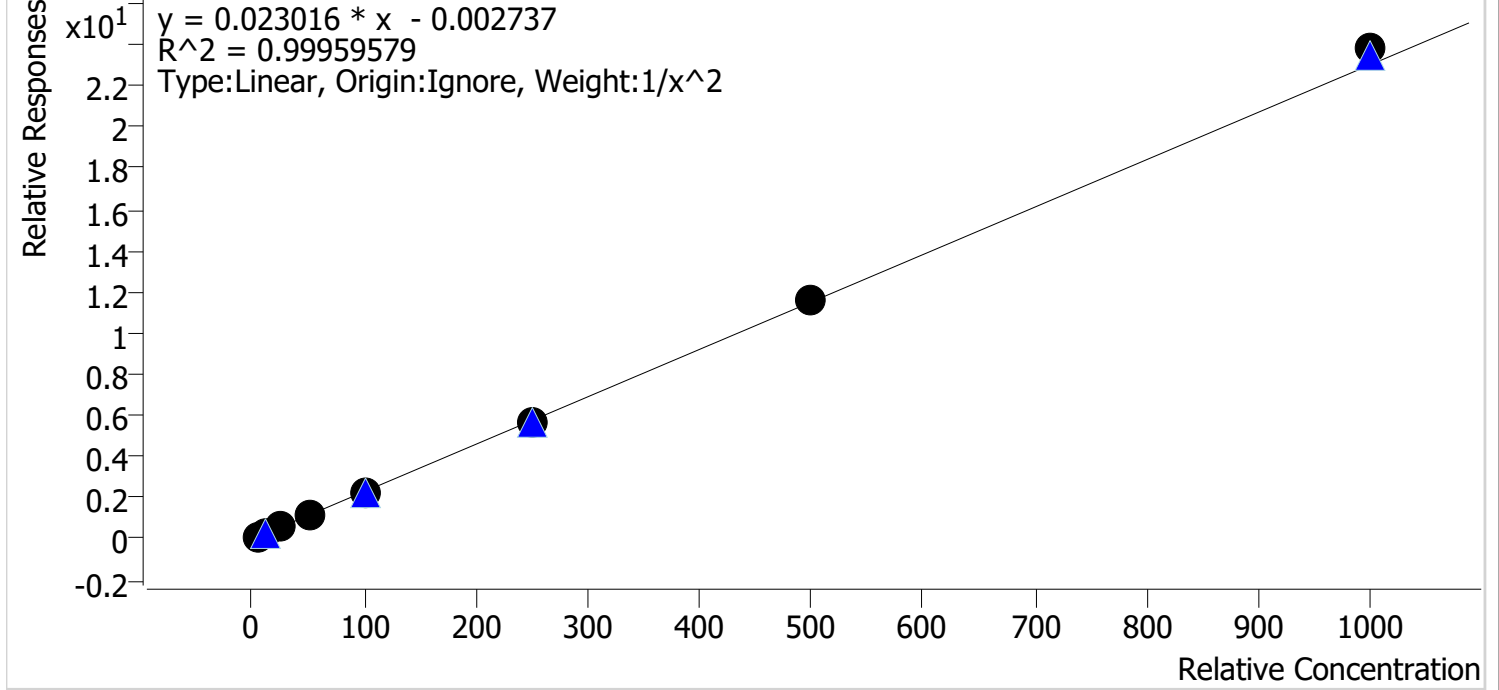
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datator
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	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	505.3	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1034.2	103.4

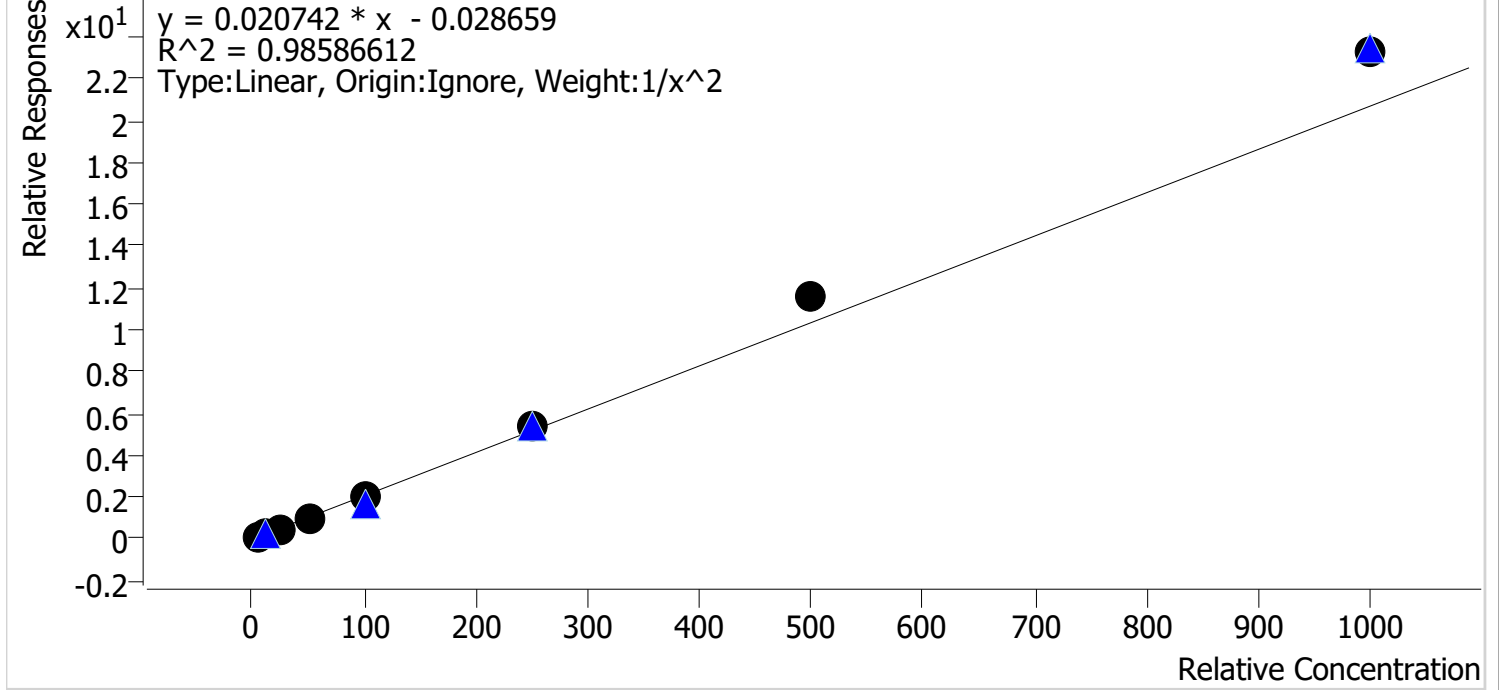
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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	5.4	107.3
p1 Cal 2-10ng	2	✓	10.0	9.3	92.5
p1 Cal 3 -25ng	3	✓	25.0	22.1	88.5
p1 Cal 4-50ng	4	✓	50.0	43.7	87.4
p1 Cal 5-100ng	5	✓	100.0	95.3	95.3
p1 Cal 6-250ng	6	✓	250.0	259.4	103.7
p1 Cal 7-500ng	7	✓	500.0	561.5	112.3
p1 Cal 8-1000ng	8	✓	1000.0	1129.6	113.0

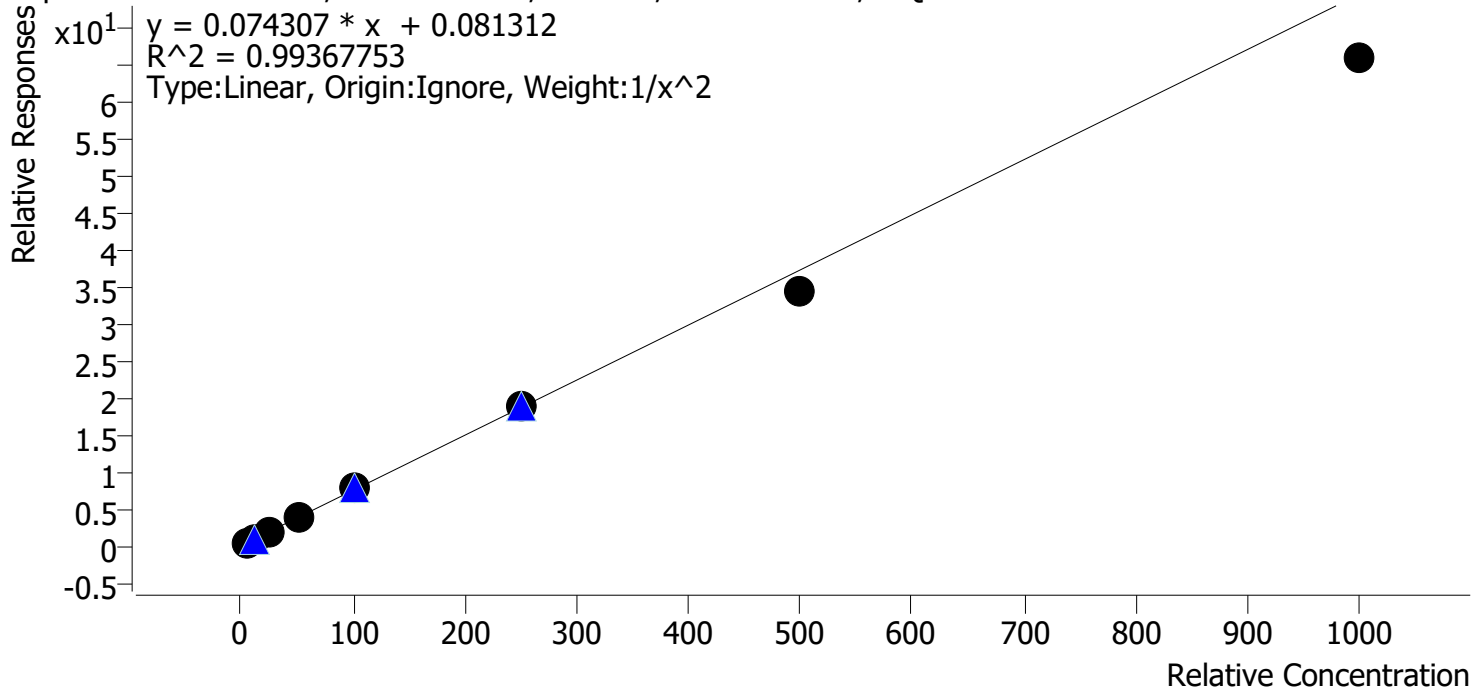
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



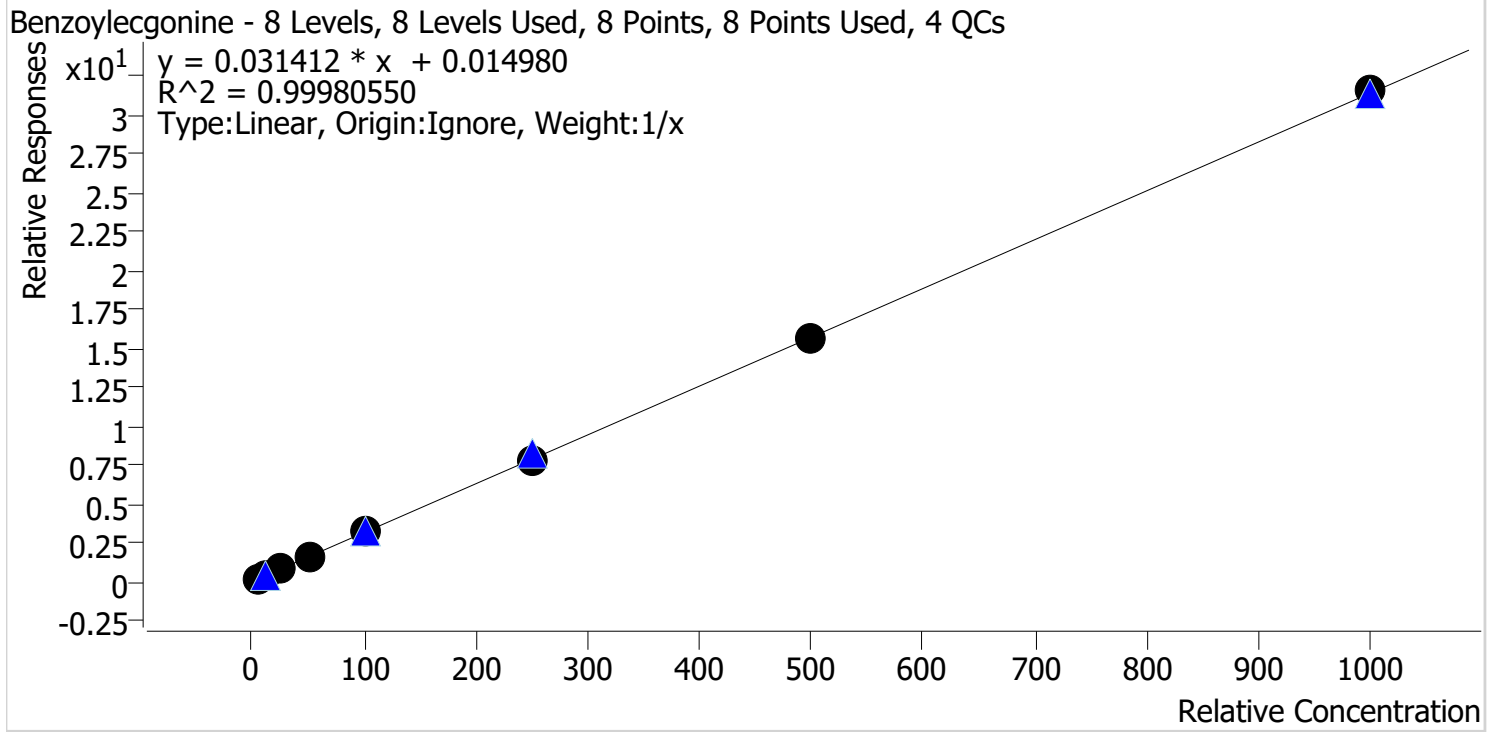
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	461.8	92.4
p1 Cal 8-1000ng	8	✓	1000.0	884.4	88.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



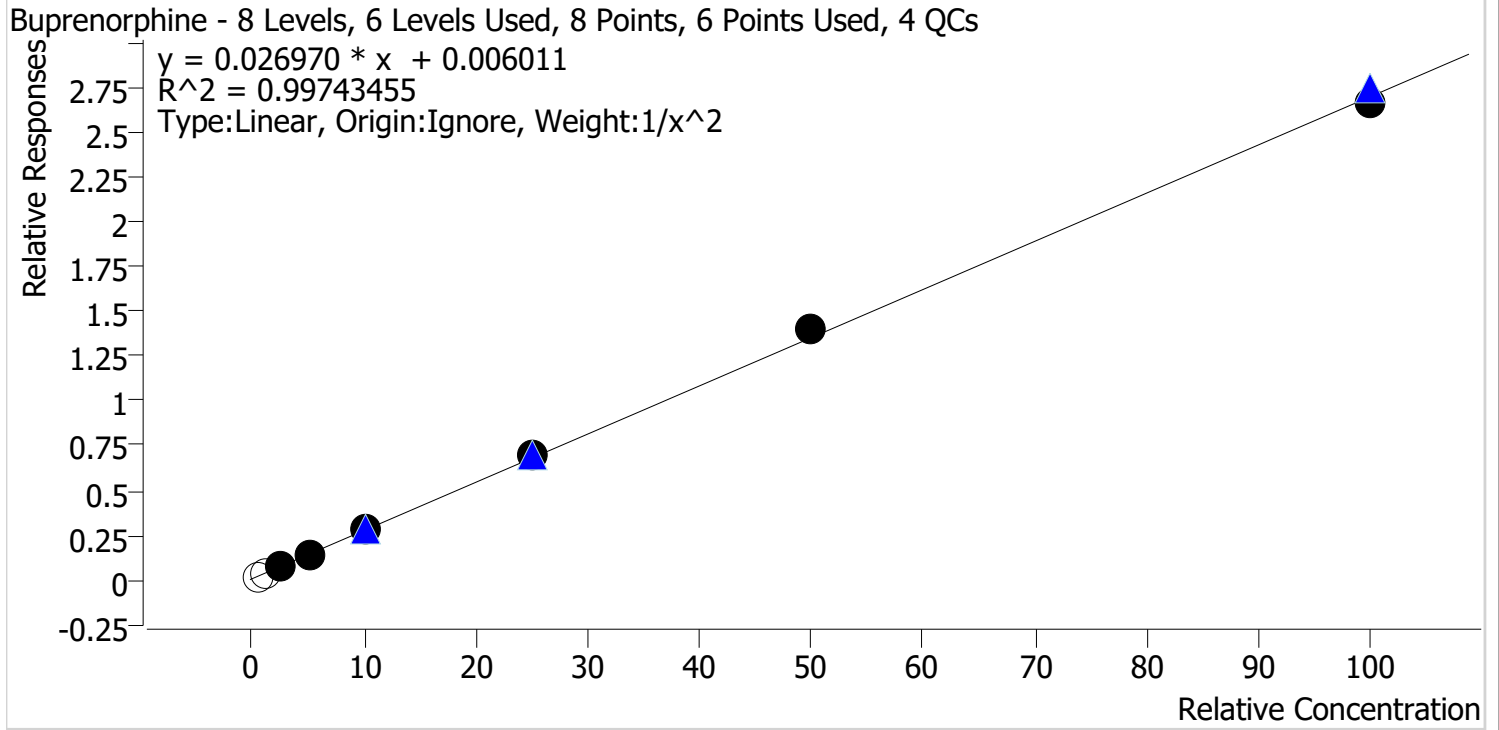
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	497.4	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1005.4	100.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.4	78.6
p1 Cal 2-10ng	2	x	1.0	0.9	85.6
p1 Cal 3 -25ng	3	✓	2.5	2.6	103.3
p1 Cal 4-50ng	4	✓	5.0	4.6	92.9
p1 Cal 5-100ng	5	✓	10.0	9.9	99.4
p1 Cal 6-250ng	6	✓	25.0	25.6	102.3
p1 Cal 7-500ng	7	✓	50.0	51.8	103.7
p1 Cal 8-1000ng	8	✓	100.0	98.4	98.4

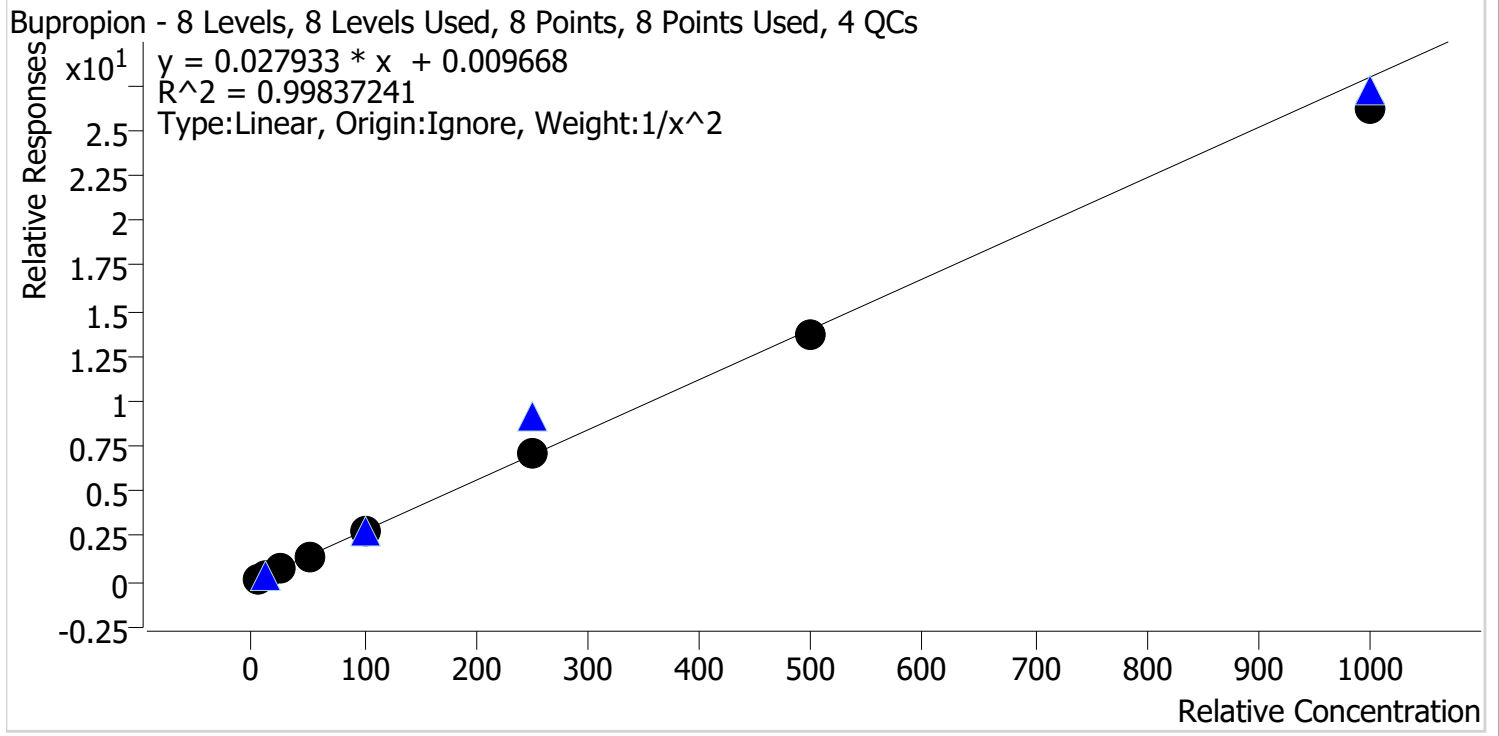
Cal 1 and 2 dropped due to ratio

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



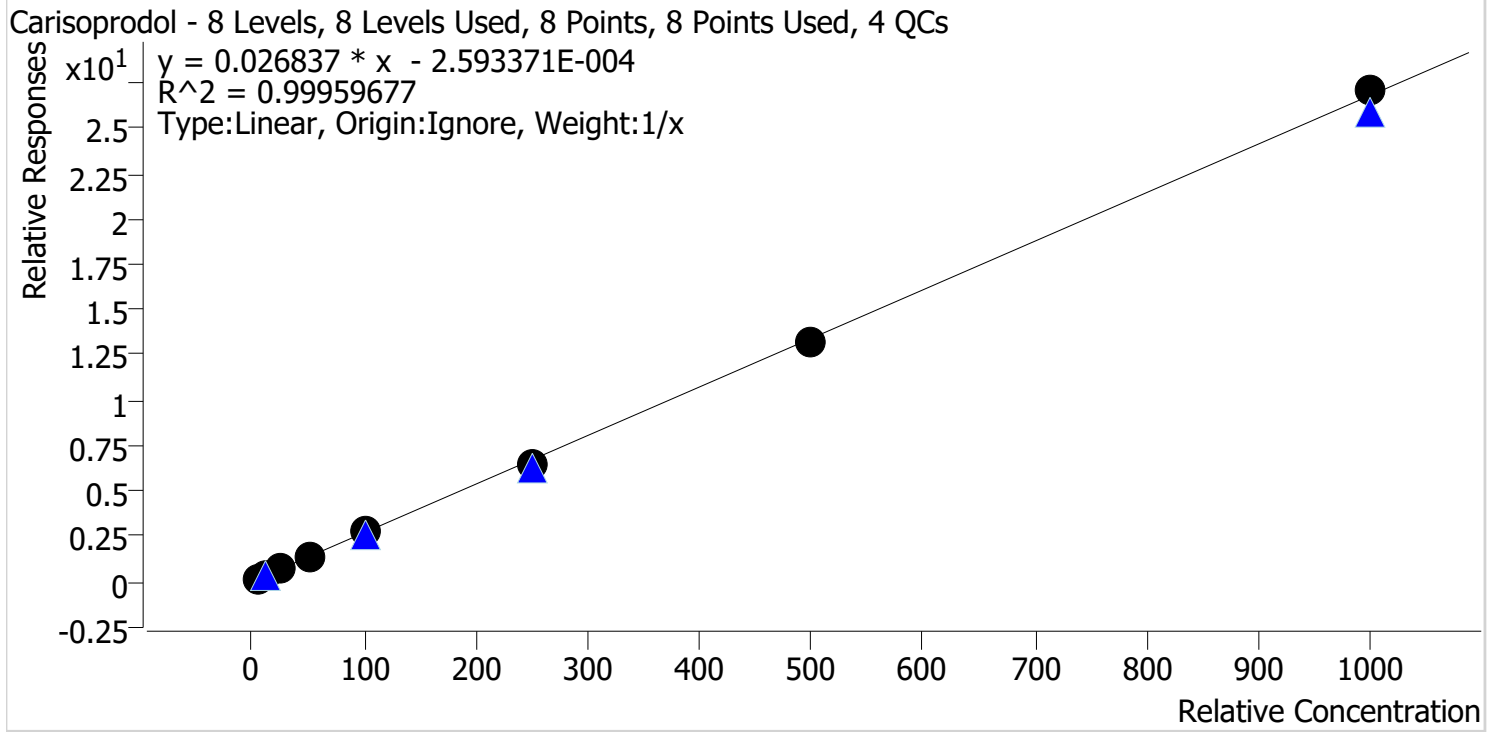
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.6
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	251.9	100.8
p1 Cal 7-500ng	7	✓	500.0	489.5	97.9
p1 Cal 8-1000ng	8	✓	1000.0	937.9	93.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.7
p1 Cal 2-10ng	2	✓	10.0	9.1	91.3
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	492.4	98.5
p1 Cal 8-1000ng	8	✓	1000.0	1010.0	101.0

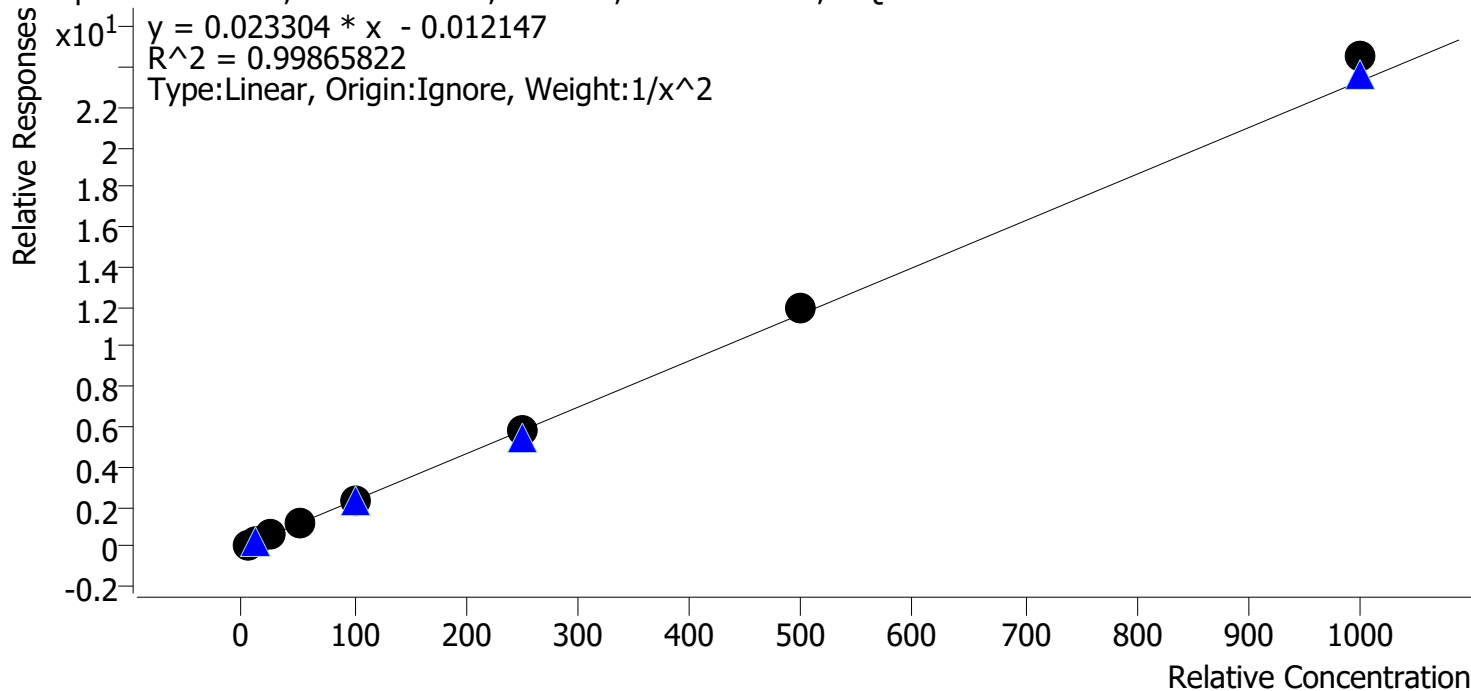
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



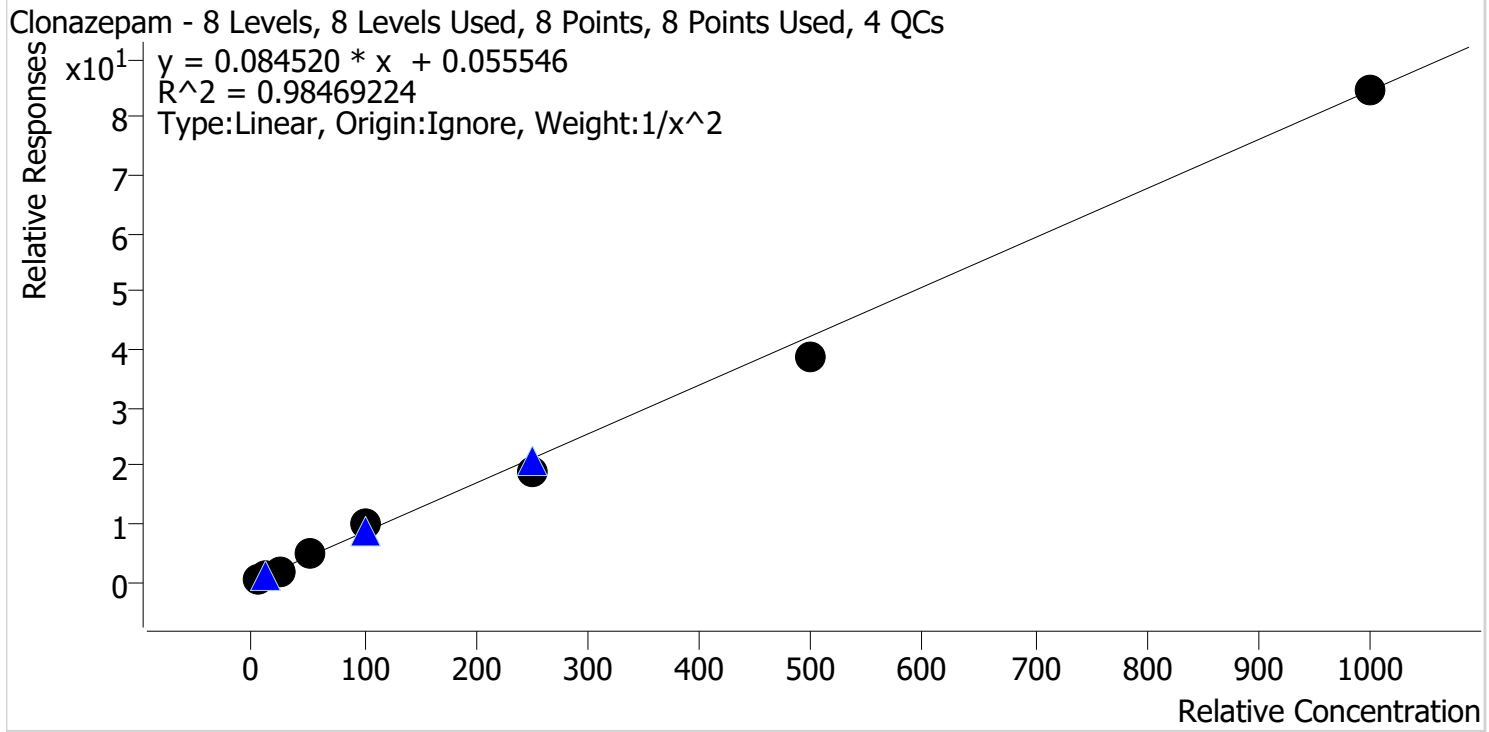
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	509.3	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1052.7	105.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.6	95.5
p1 Cal 3 -25ng	3	✓	25.0	22.5	89.8
p1 Cal 4-50ng	4	✓	50.0	58.3	116.7
p1 Cal 5-100ng	5	✓	100.0	115.1	115.1
p1 Cal 6-250ng	6	✓	250.0	223.6	89.4
p1 Cal 7-500ng	7	✓	500.0	456.7	91.3
p1 Cal 8-1000ng	8	✓	1000.0	999.9	100.0

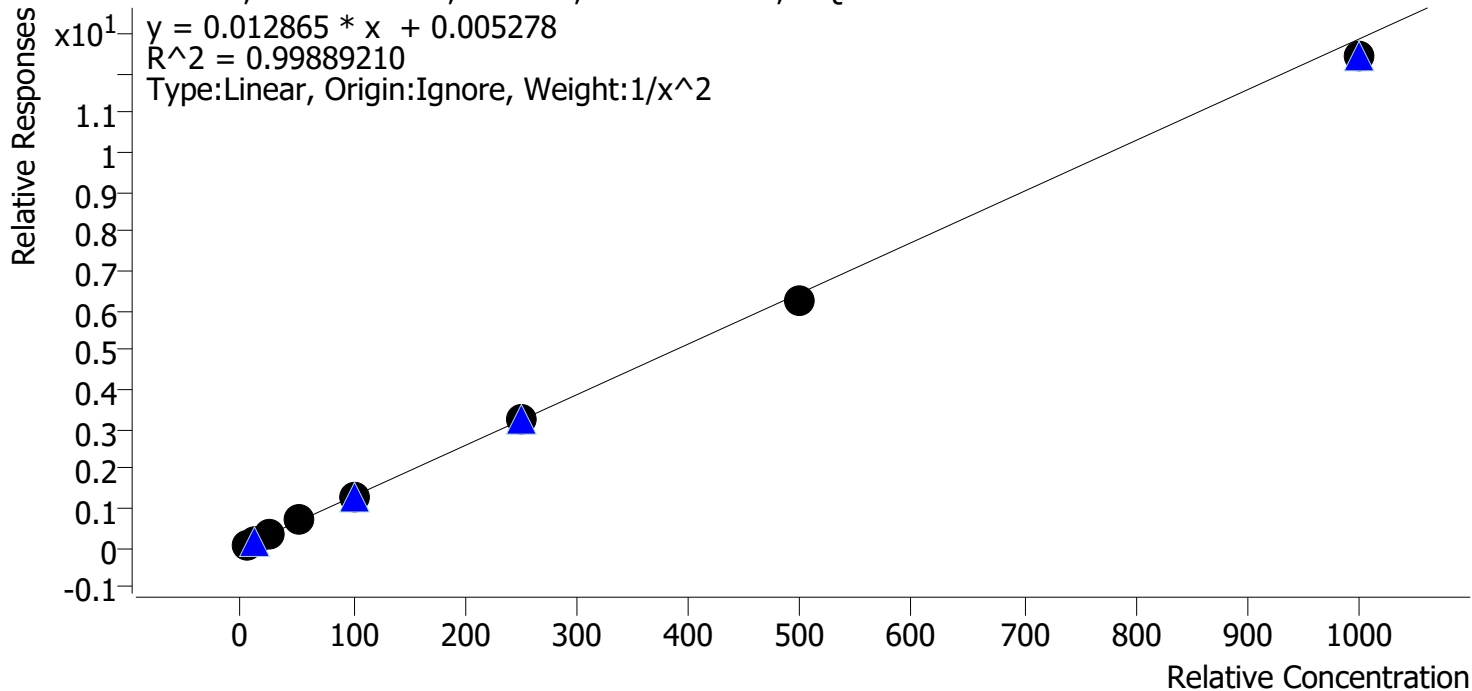
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



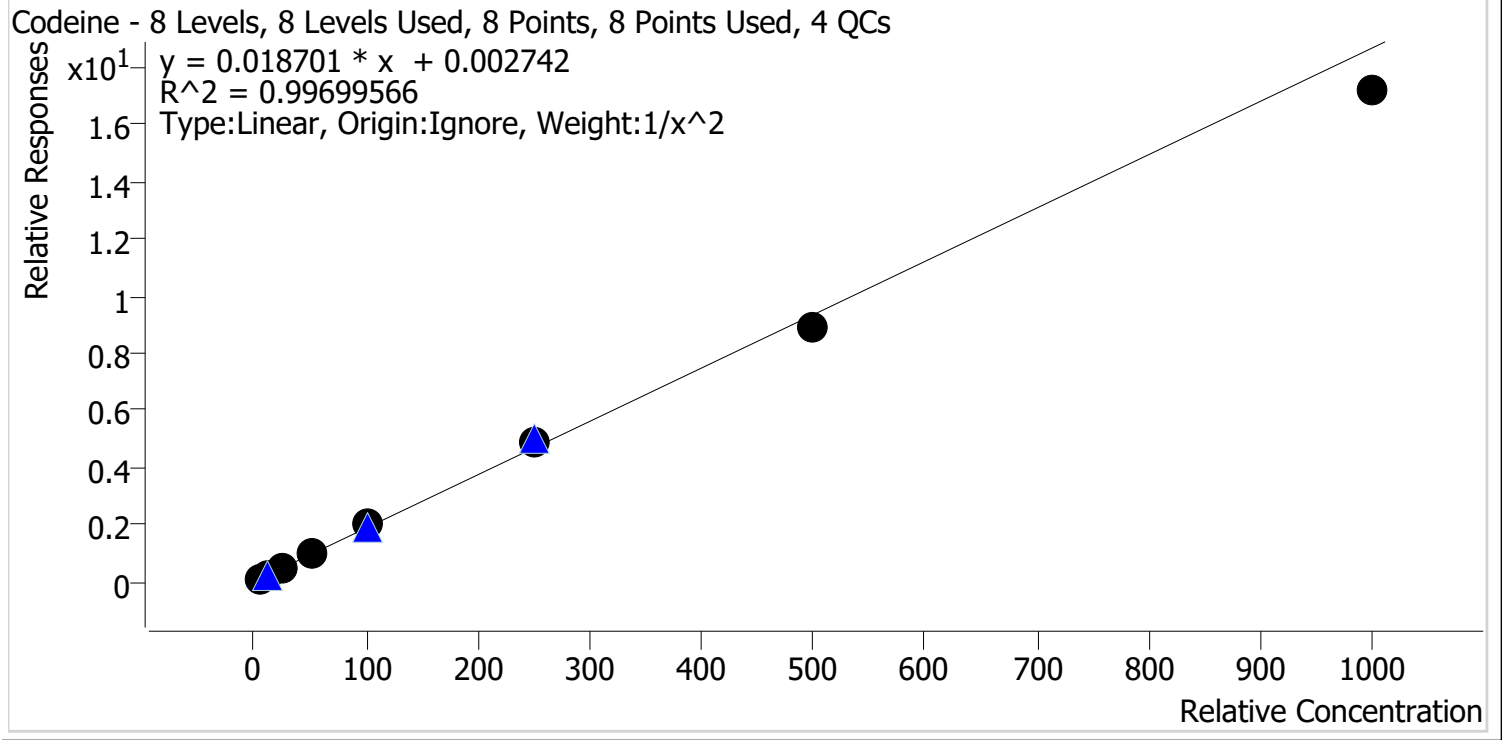
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	486.7	97.3
p1 Cal 8-1000ng	8	✓	1000.0	964.5	96.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	52.1	104.3
p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng	6	✓	250.0	259.7	103.9
p1 Cal 7-500ng	7	✓	500.0	475.4	95.1
p1 Cal 8-1000ng	8	✓	1000.0	918.8	91.9

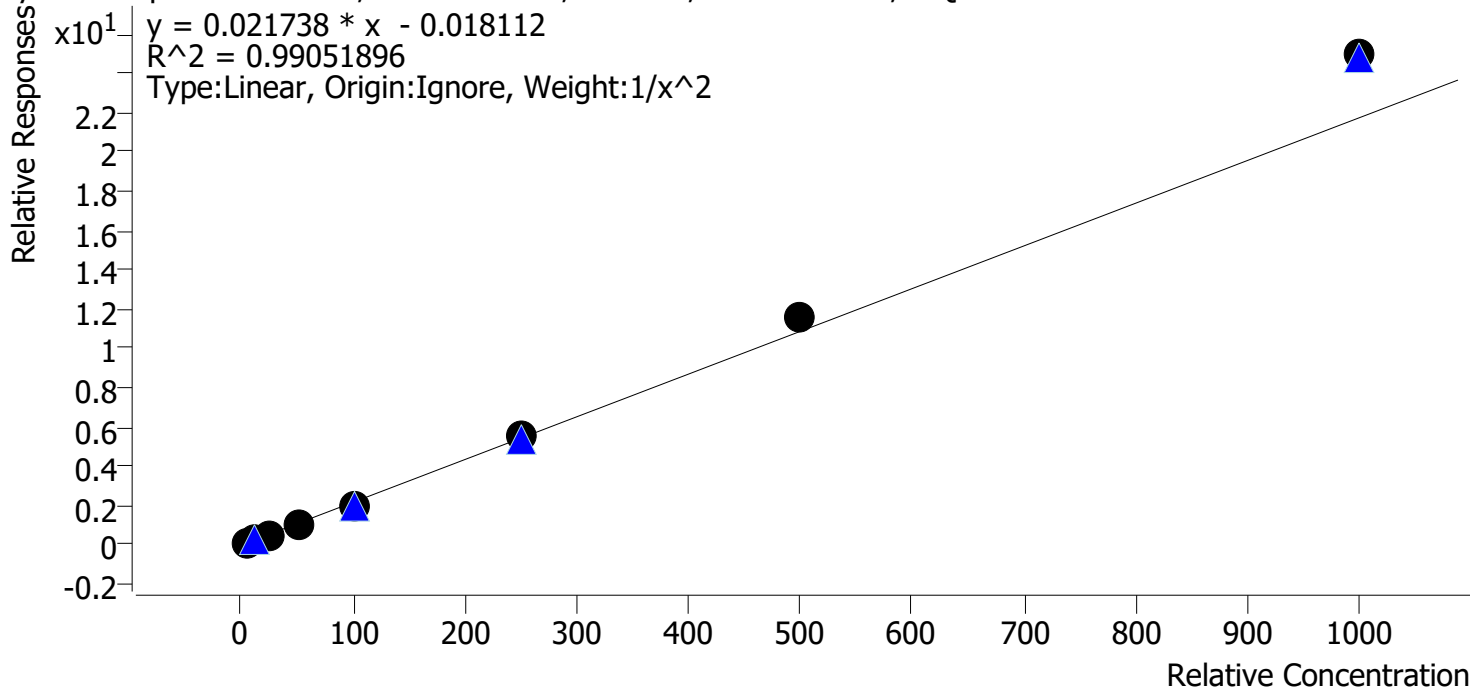
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.9
p1 Cal 4-50ng	4	✓	50.0	44.6	89.2
p1 Cal 5-100ng	5	✓	100.0	93.7	93.7
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	536.2	107.2
p1 Cal 8-1000ng	8	✓	1000.0	1148.0	114.8

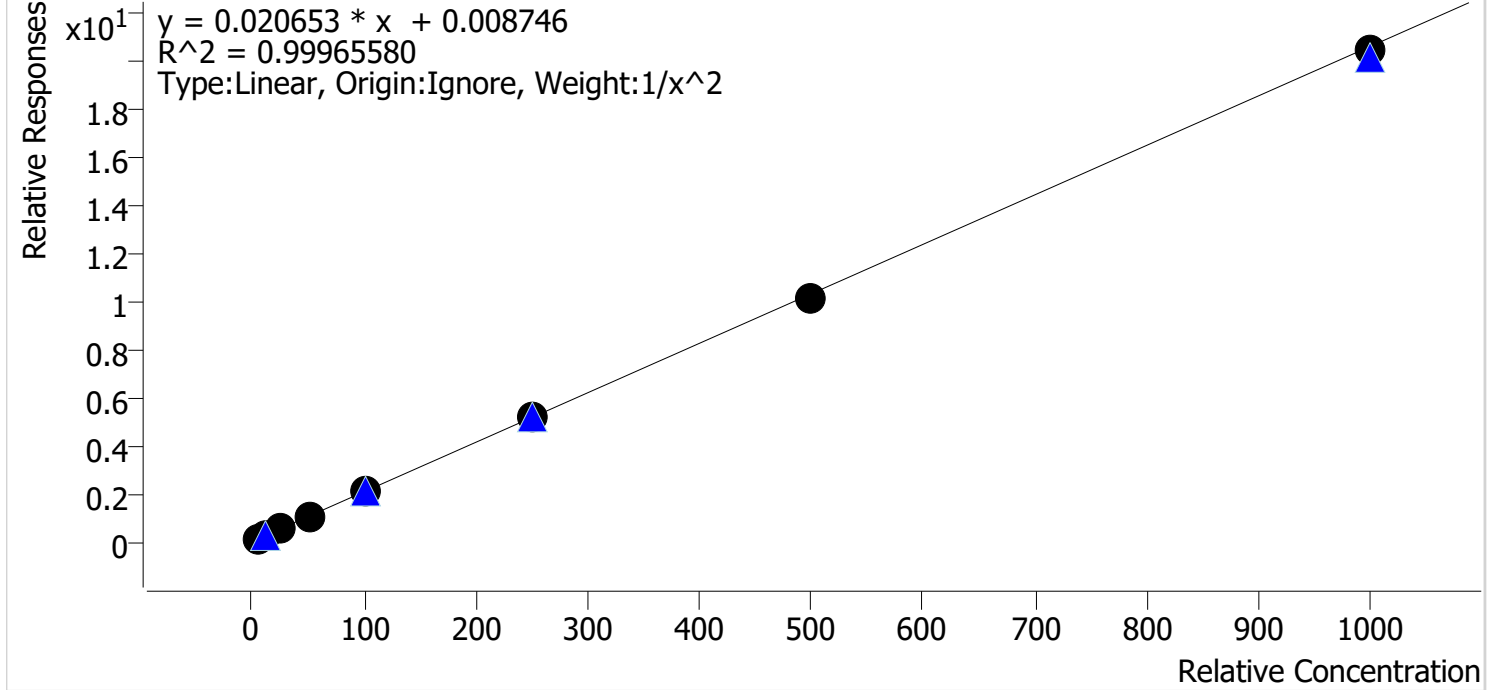
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



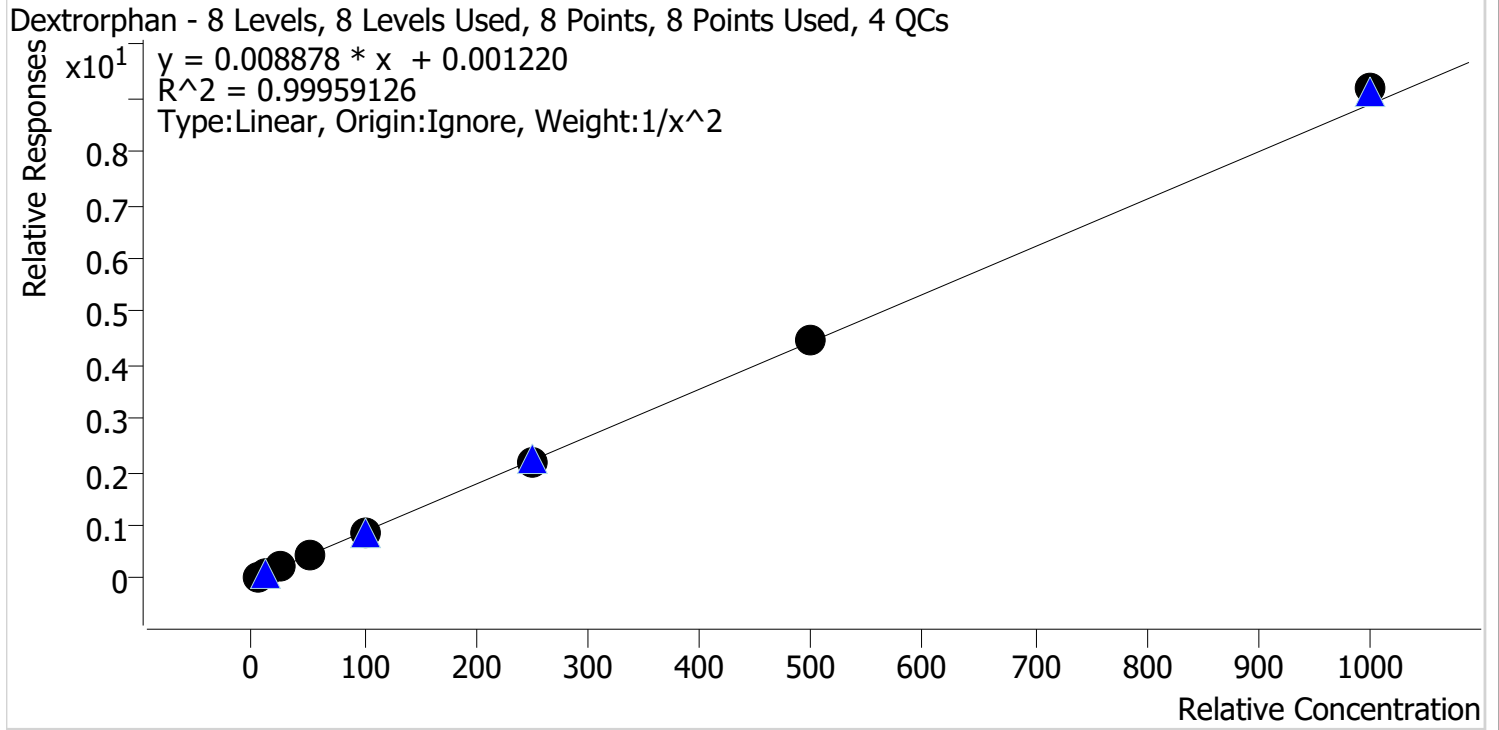
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	494.4	98.9
p1 Cal 8-1000ng	8	✓	1000.0	991.6	99.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



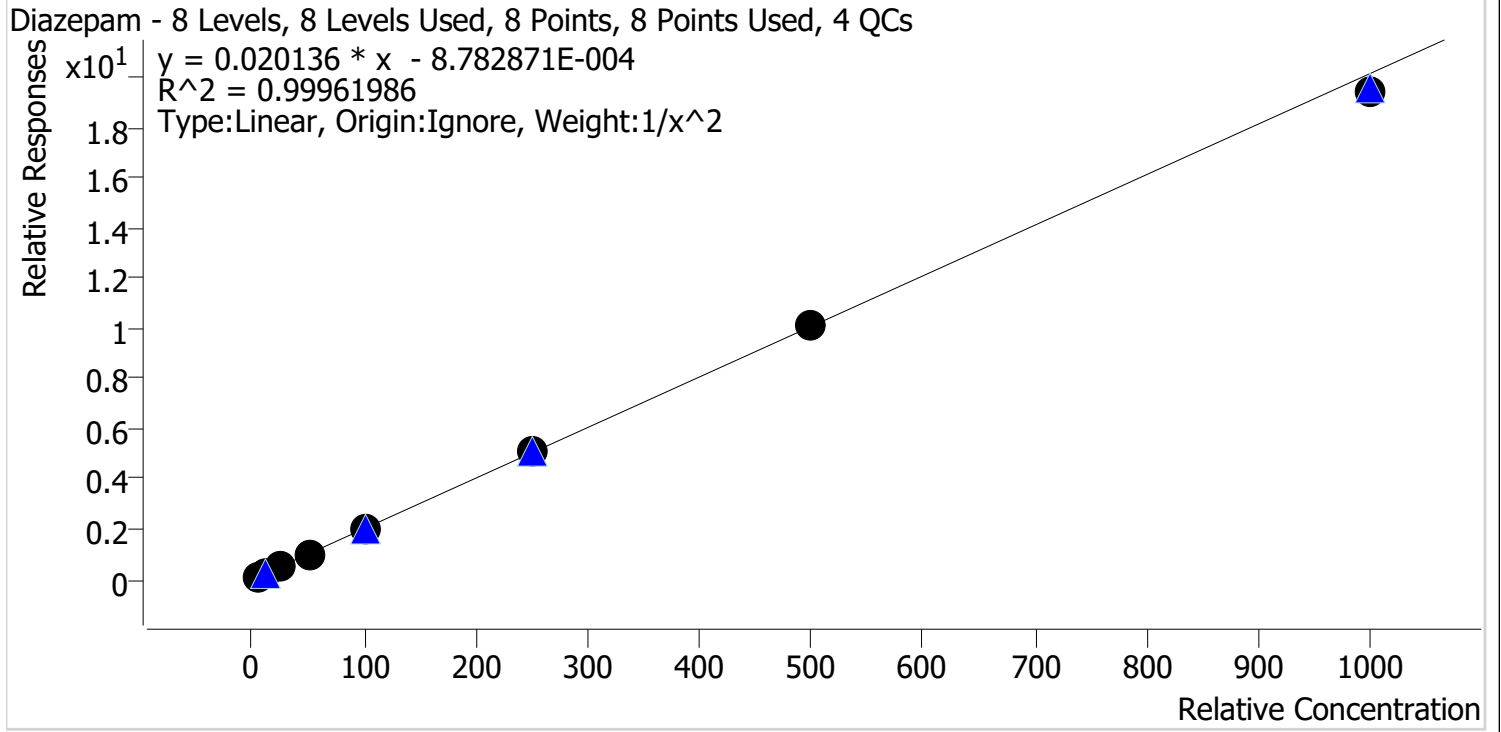
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	504.6	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1033.3	103.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	50.9	101.9
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	498.8	99.8
p1 Cal 8-1000ng	8	✓	1000.0	965.3	96.5

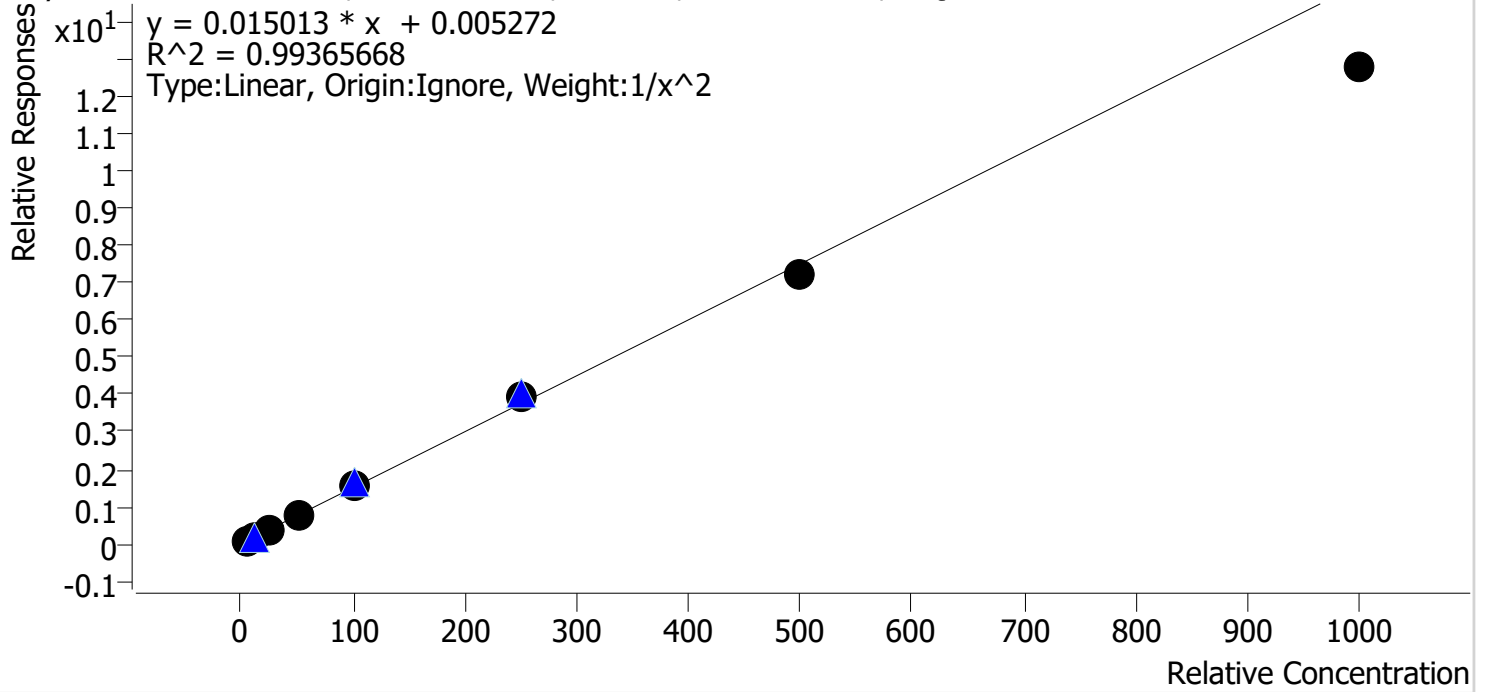
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	261.9	104.8
p1 Cal 7-500ng	7	✓	500.0	482.5	96.5
p1 Cal 8-1000ng	8	✓	1000.0	851.3	85.1

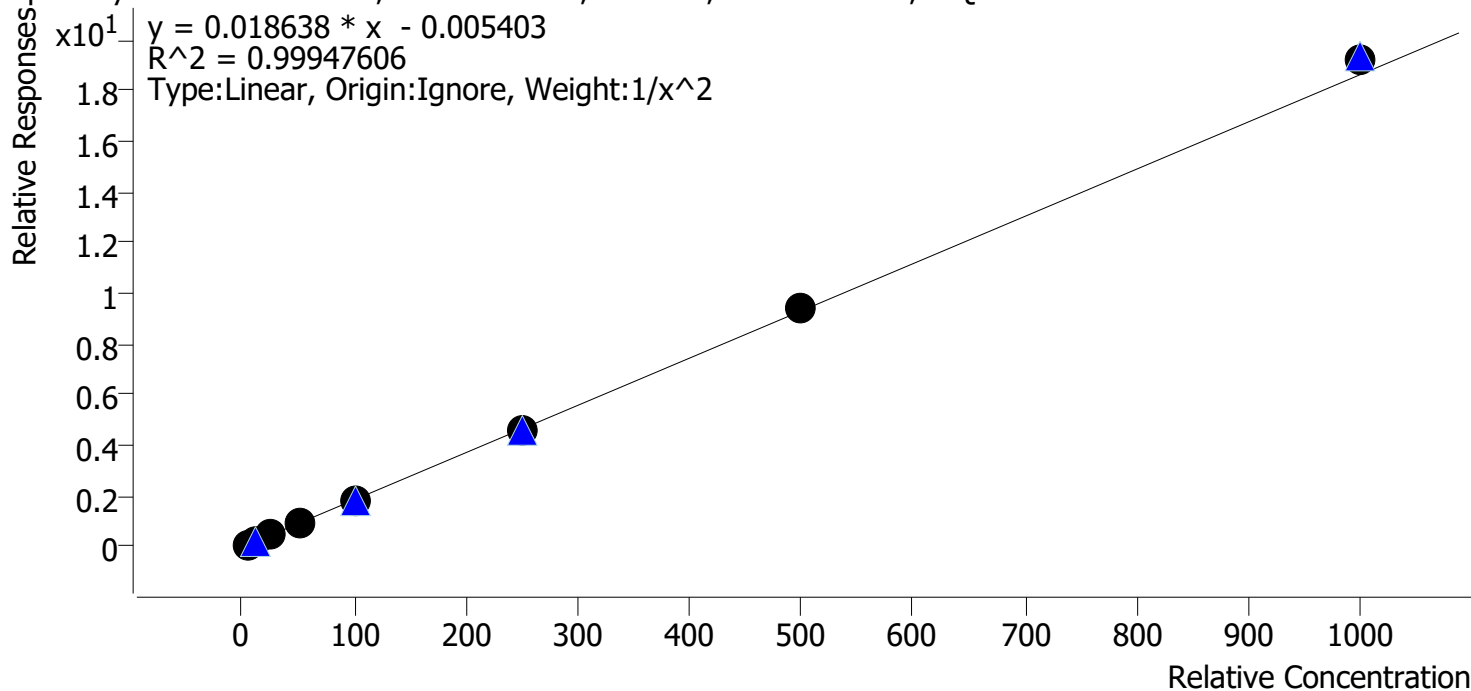
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	509.0	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1034.6	103.5

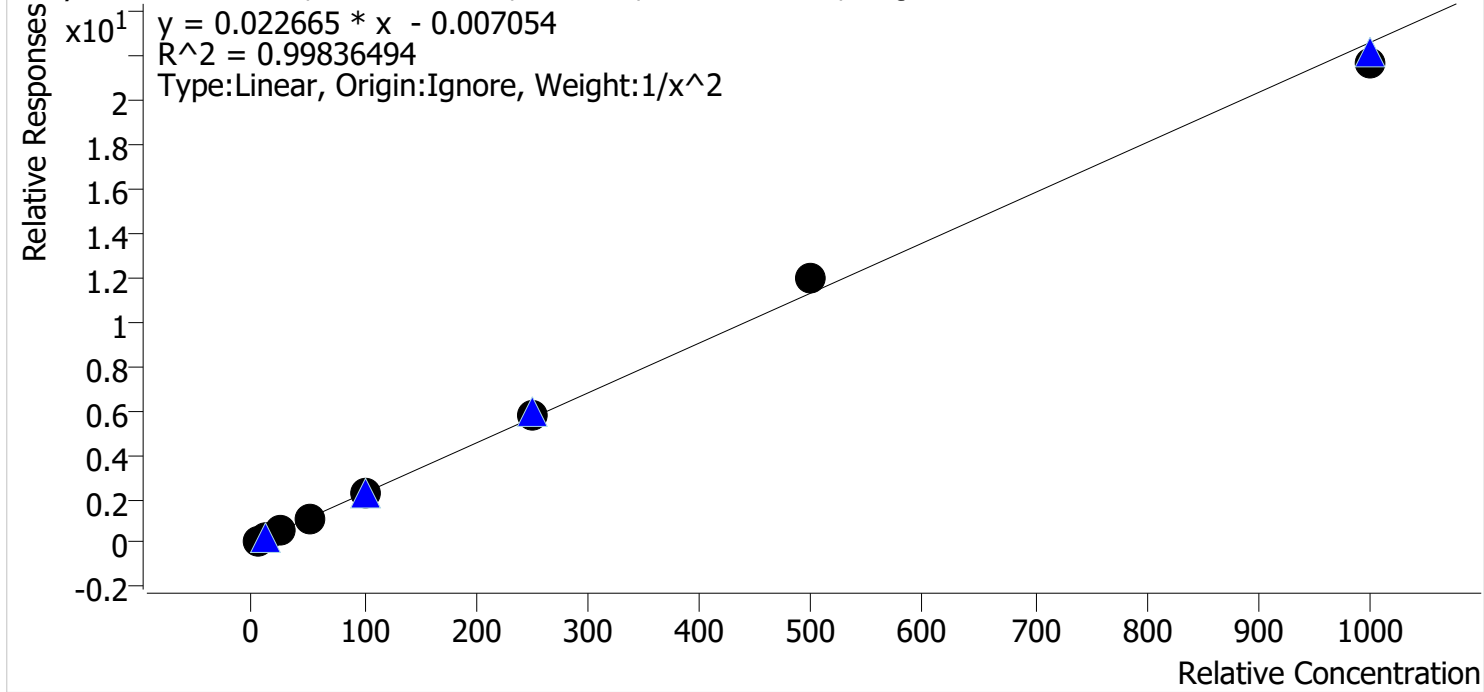
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
p1 Cal 7-500ng	7	✓	500.0	530.5	106.1
p1 Cal 8-1000ng	8	✓	1000.0	958.1	95.8

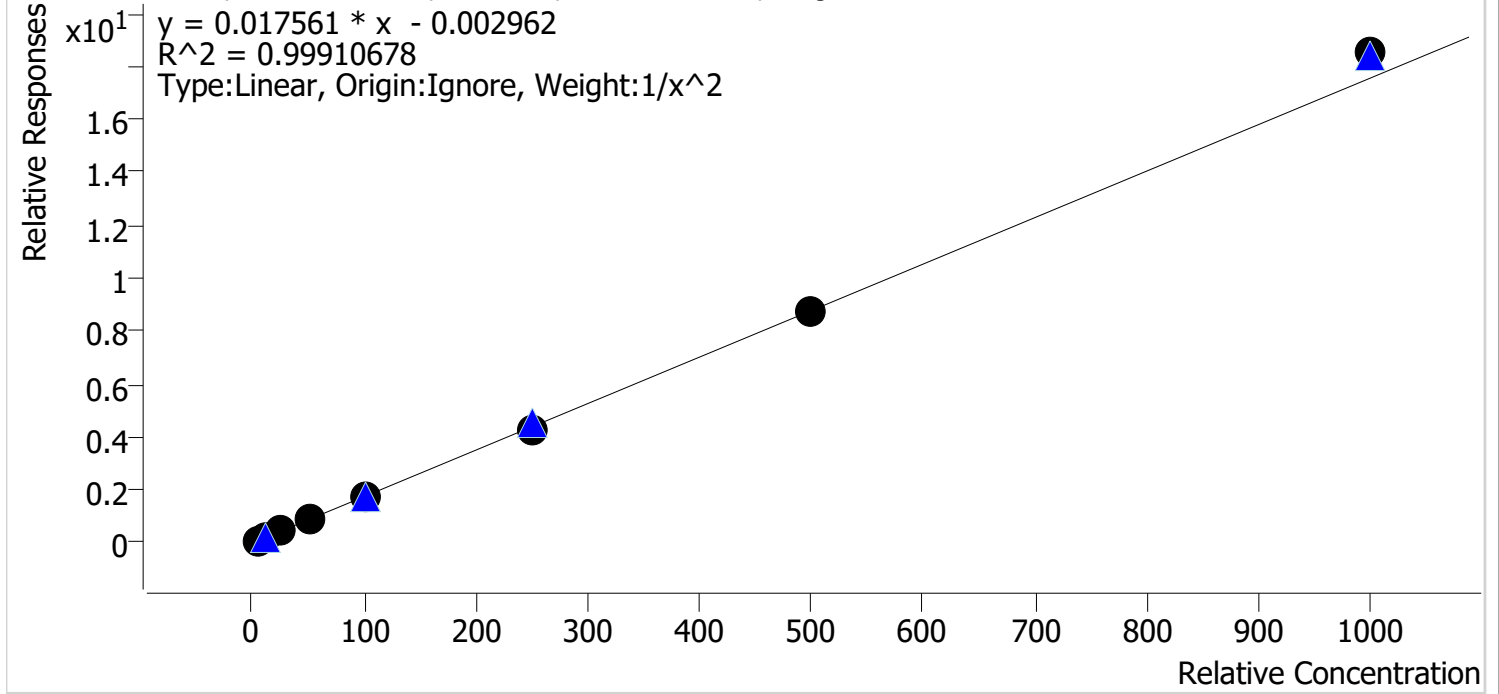
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	245.8	98.3
p1 Cal 7-500ng	7	✓	500.0	501.4	100.3
p1 Cal 8-1000ng	8	✓	1000.0	1055.0	105.5

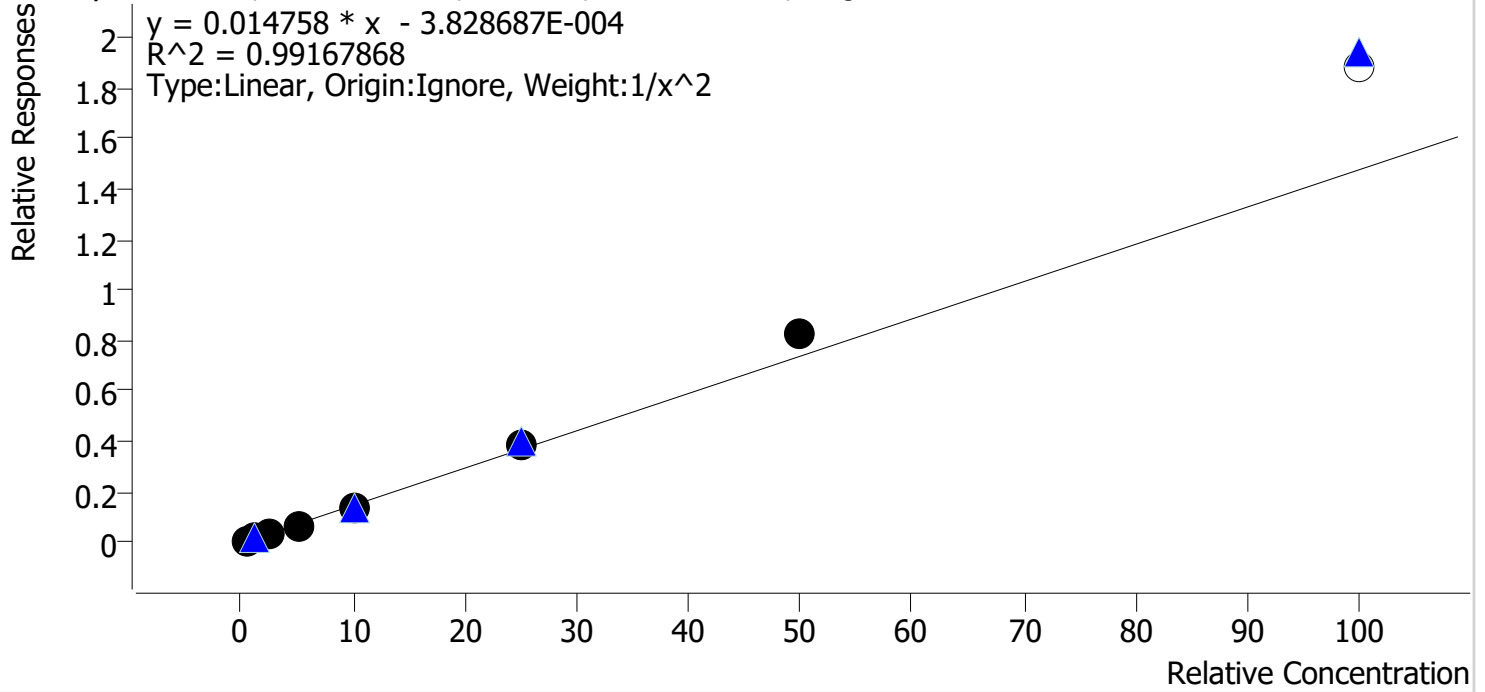
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

Fentanyl - 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	✓	0.5	0.5	103.8
p1 Cal 2-10ng	2	✓	1.0	1.0	97.0
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.4
p1 Cal 4-50ng	4	✓	5.0	4.5	91.0
p1 Cal 5-100ng	5	✓	10.0	9.8	97.7
p1 Cal 6-250ng	6	✓	25.0	26.3	105.3
p1 Cal 7-500ng	7	✓	50.0	56.4	112.8
p1 Cal 8-1000ng	8	✗	100.0	127.4	127.4

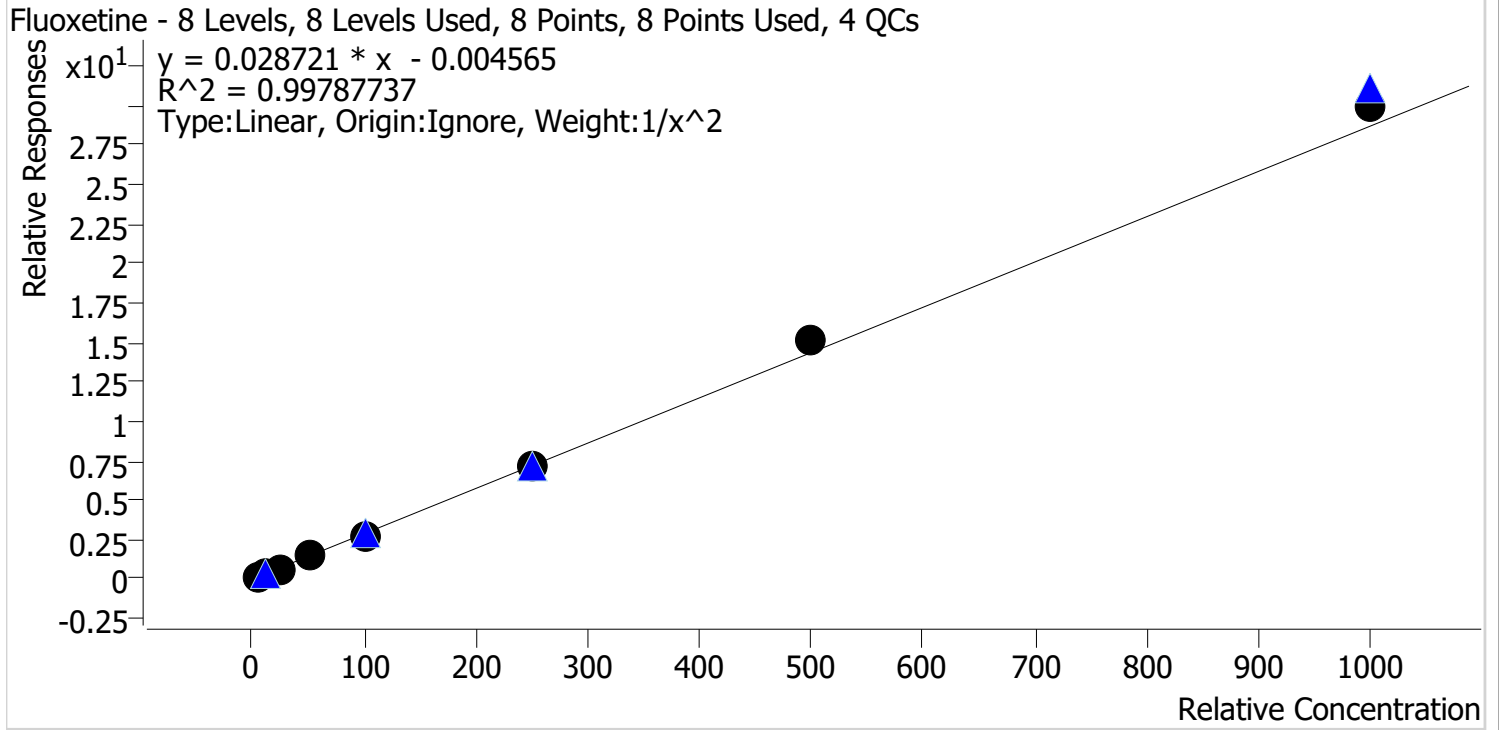
Cal 8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



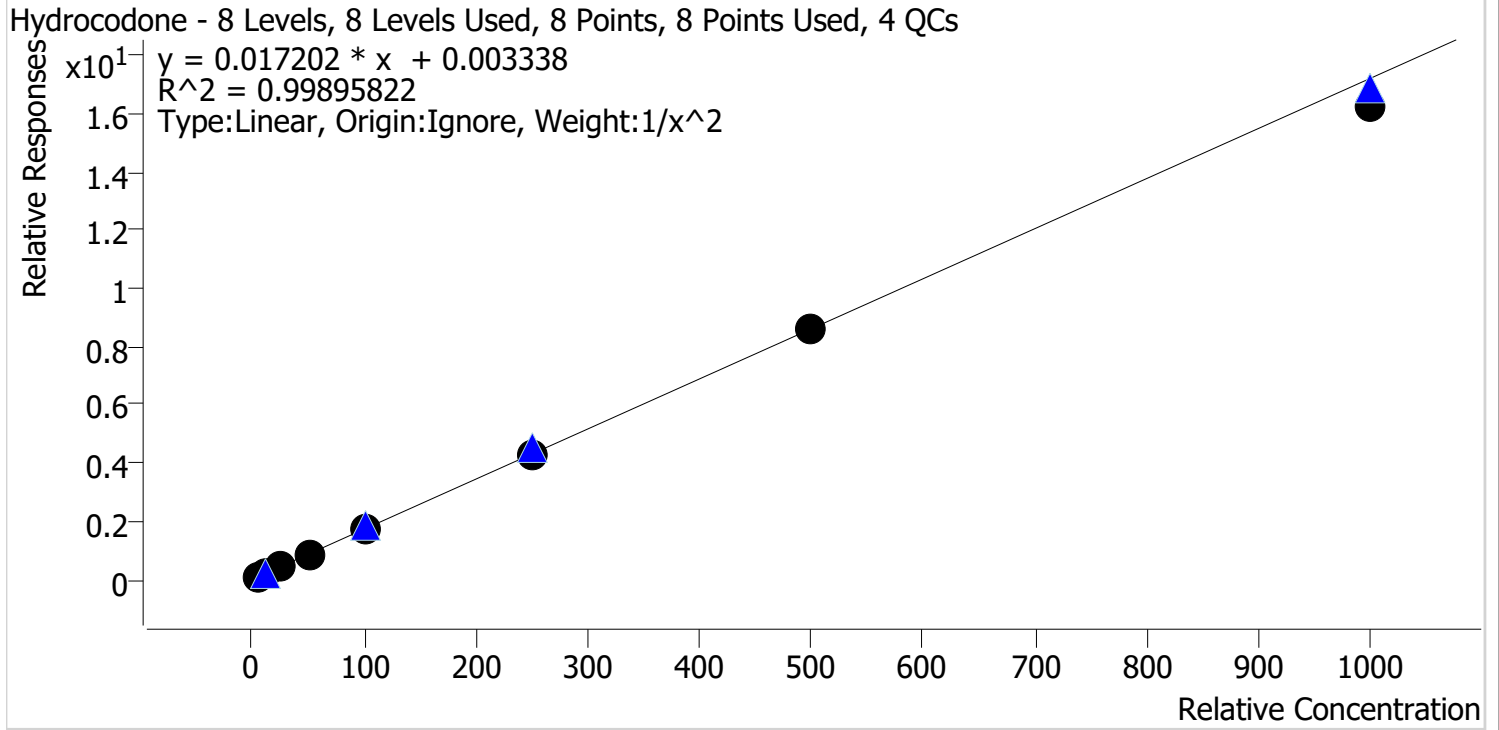
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	524.7	104.9
p1 Cal 8-1000ng	8	✓	1000.0	1045.2	104.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	500.3	100.1
p1 Cal 8-1000ng	8	✓	1000.0	944.9	94.5

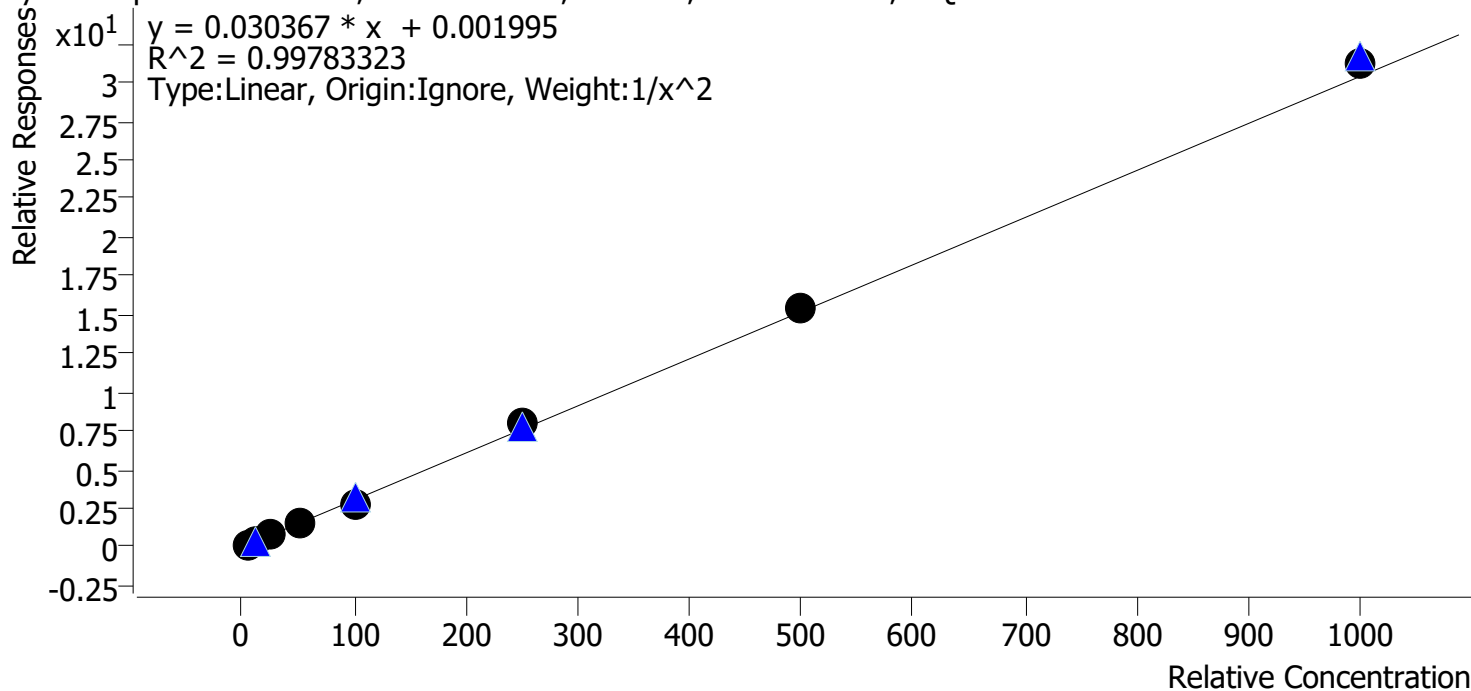
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



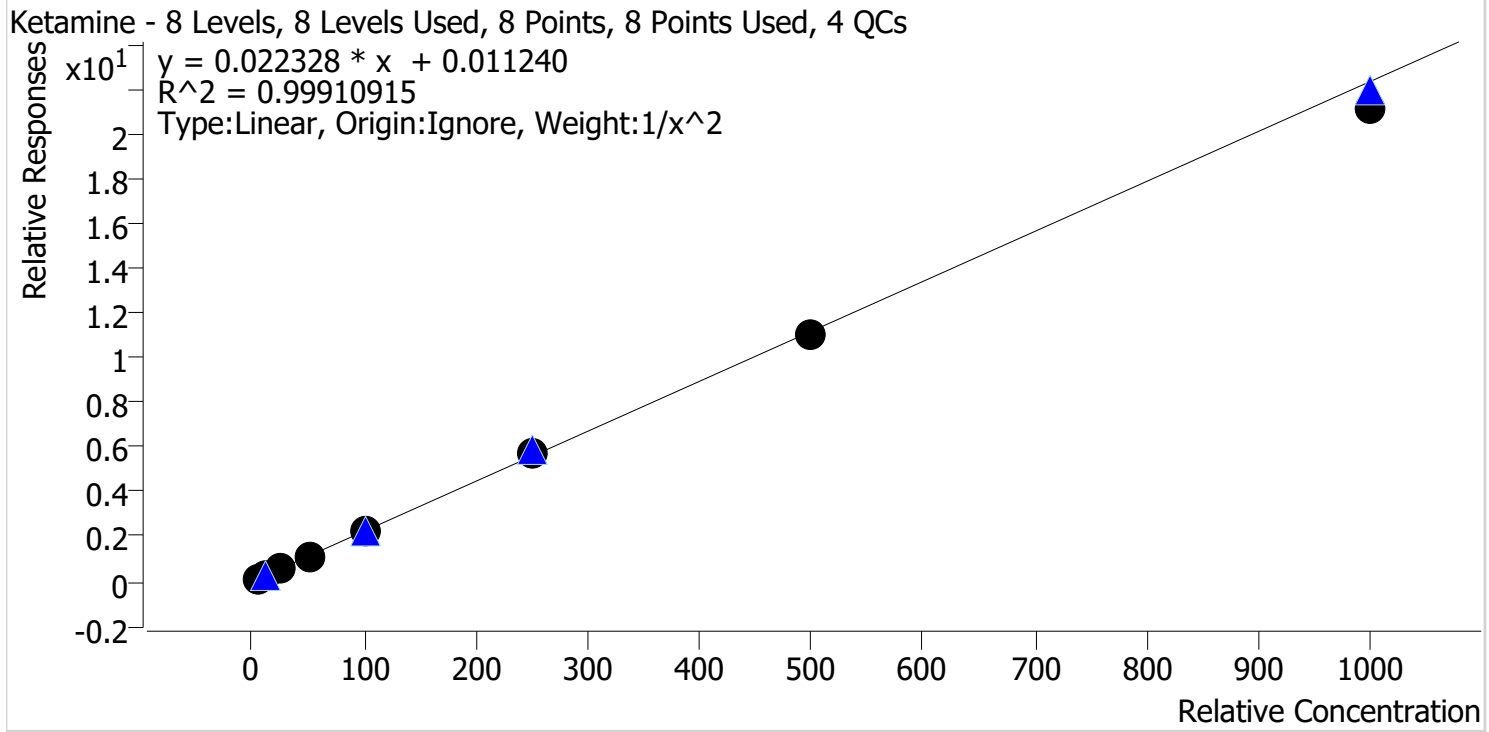
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.5	95.4
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	92.4	92.4
p1 Cal 6-250ng	6	✓	250.0	260.9	104.4
p1 Cal 7-500ng	7	✓	500.0	507.4	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1028.5	102.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



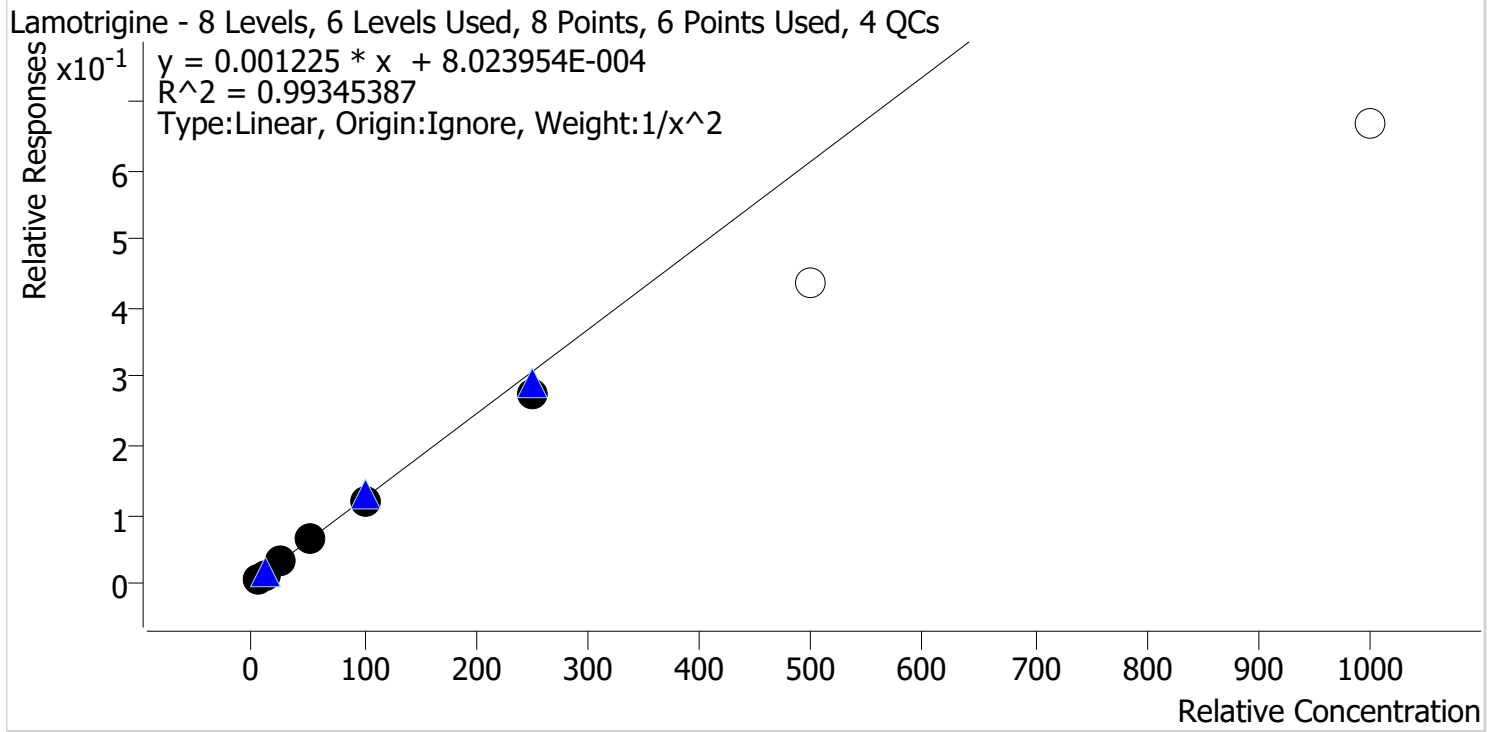
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	491.3	98.3
p1 Cal 8-1000ng	8	✓	1000.0	948.8	94.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	222.7	89.1
p1 Cal 7-500ng	7	x	500.0	356.2	71.2
p1 Cal 8-1000ng	8	x	1000.0	544.8	54.5

Cal 7 and 8 dropped due to accuracy

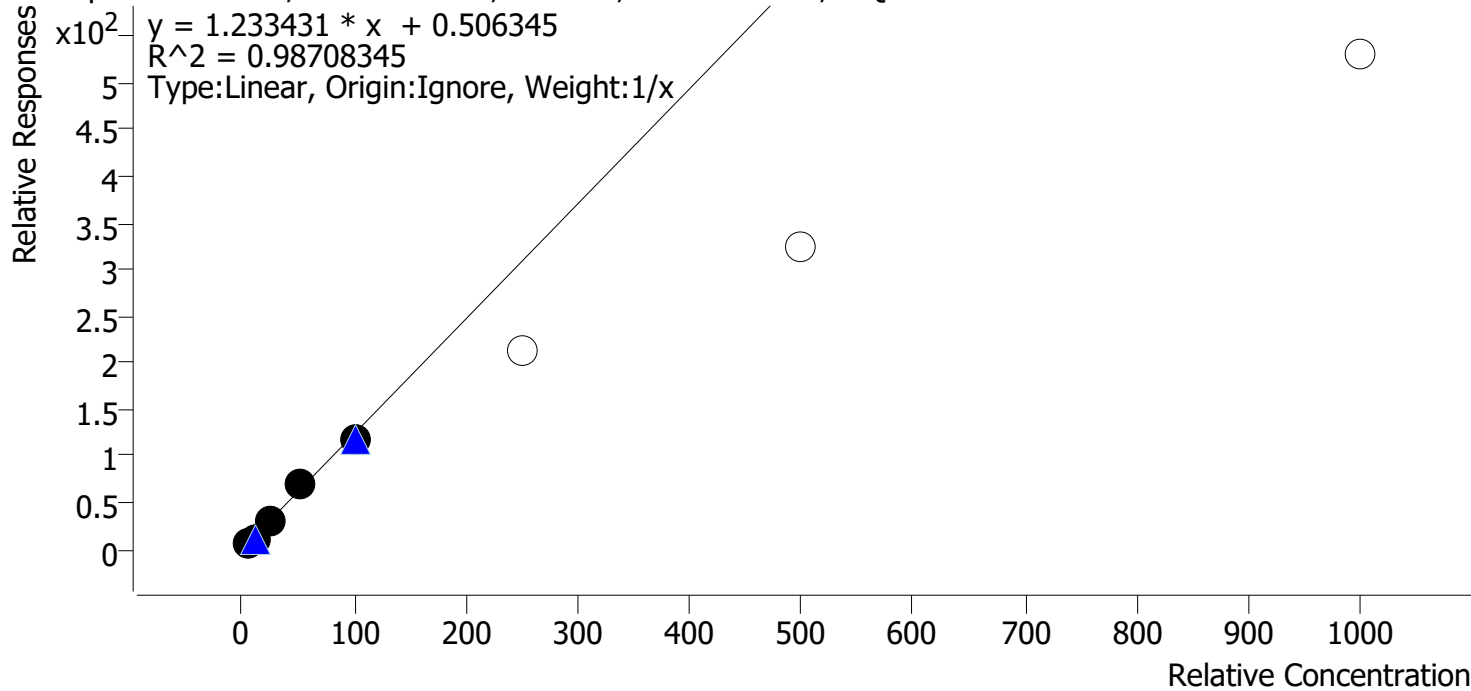
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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	5.4	107.5
p1 Cal 2-10ng	2	✓	10.0	8.6	86.0
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	57.2	114.5
p1 Cal 5-100ng	5	✓	100.0	94.4	94.4
p1 Cal 6-250ng	6	x	250.0	170.9	68.4
p1 Cal 7-500ng	7	x	500.0	261.9	52.4
p1 Cal 8-1000ng	8	x	1000.0	429.8	43.0

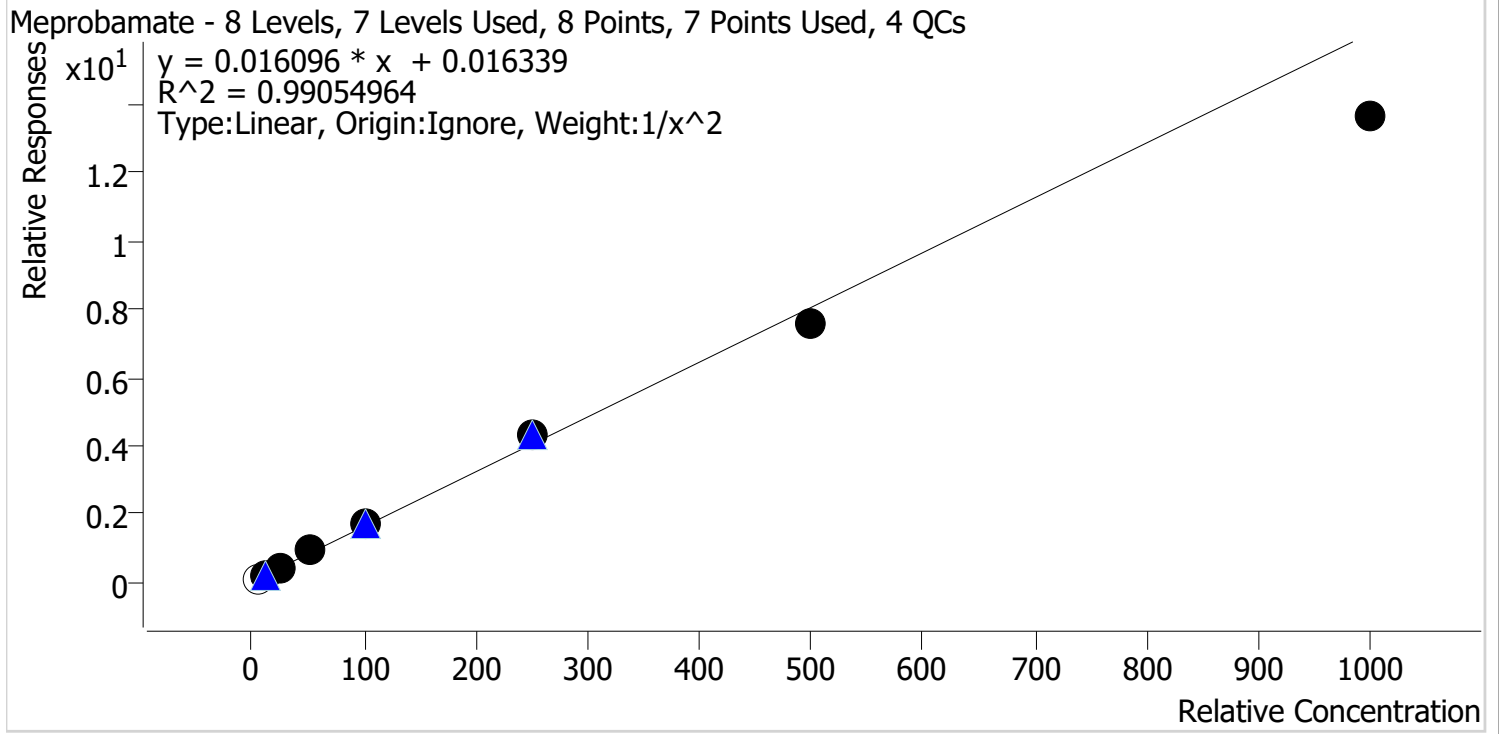
Cal 6-8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	54.5	108.9
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	264.5	105.8
p1 Cal 7-500ng	7	✓	500.0	472.8	94.6
p1 Cal 8-1000ng	8	✓	1000.0	852.2	85.2

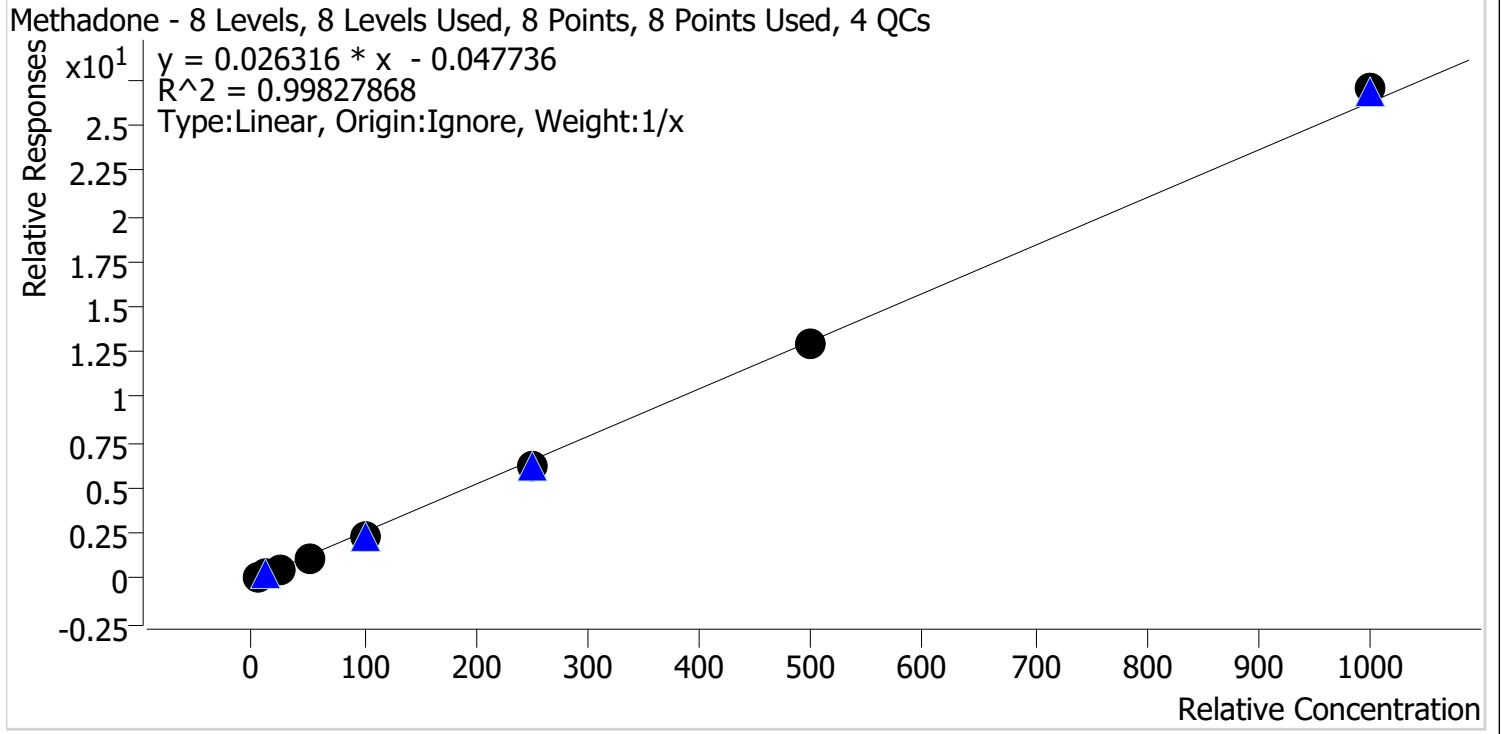
Cal 1 dropped due to ratio

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9



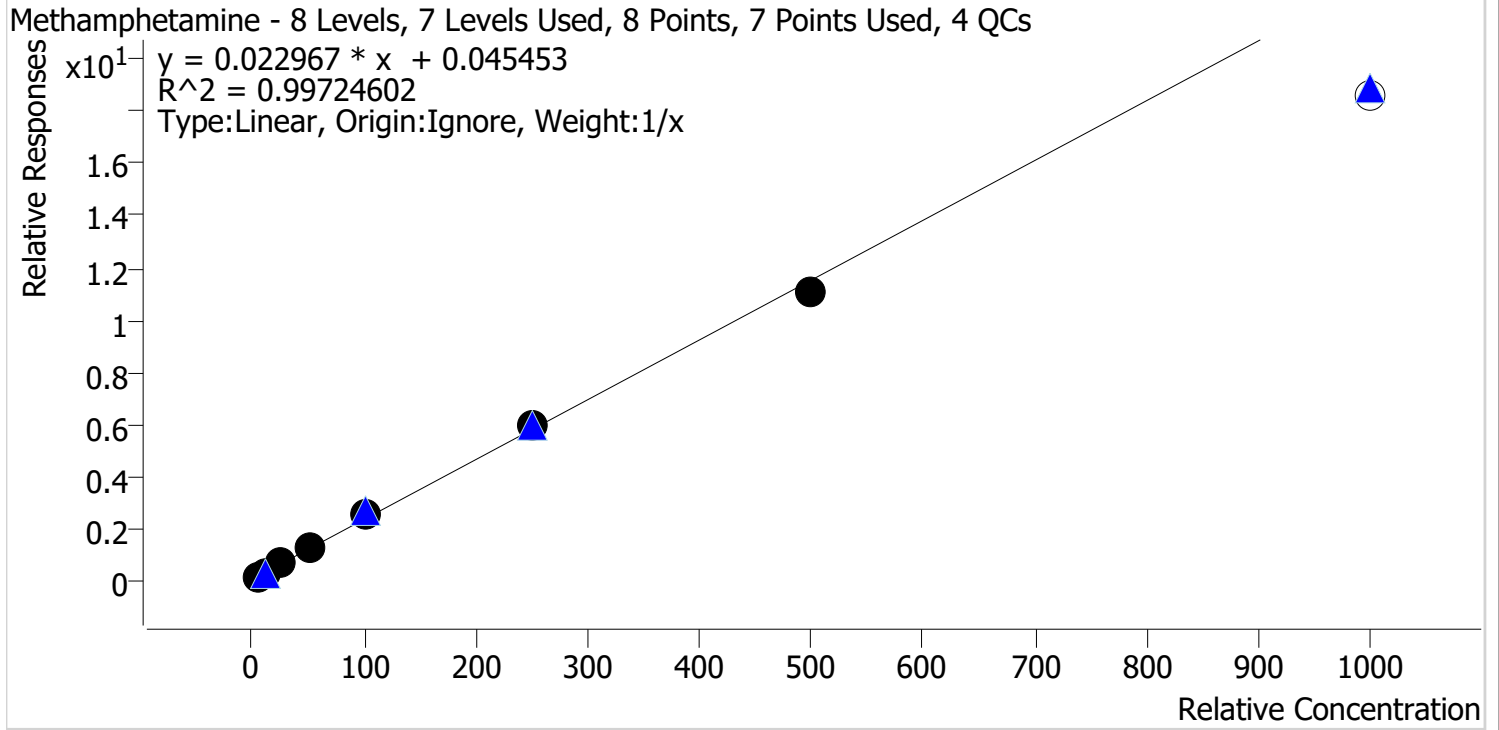
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.2	124.2
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.1
p1 Cal 4-50ng	4	✓	50.0	45.1	90.3
p1 Cal 5-100ng	5	✓	100.0	91.1	91.1
p1 Cal 6-250ng	6	✓	250.0	239.9	96.0
p1 Cal 7-500ng	7	✓	500.0	495.6	99.1
p1 Cal 8-1000ng	8	✓	1000.0	1028.7	102.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datator
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.0	80.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	257.8	103.1
p1 Cal 7-500ng	7	✓	500.0	480.1	96.0
p1 Cal 8-1000ng	8	✗	1000.0	808.4	80.8

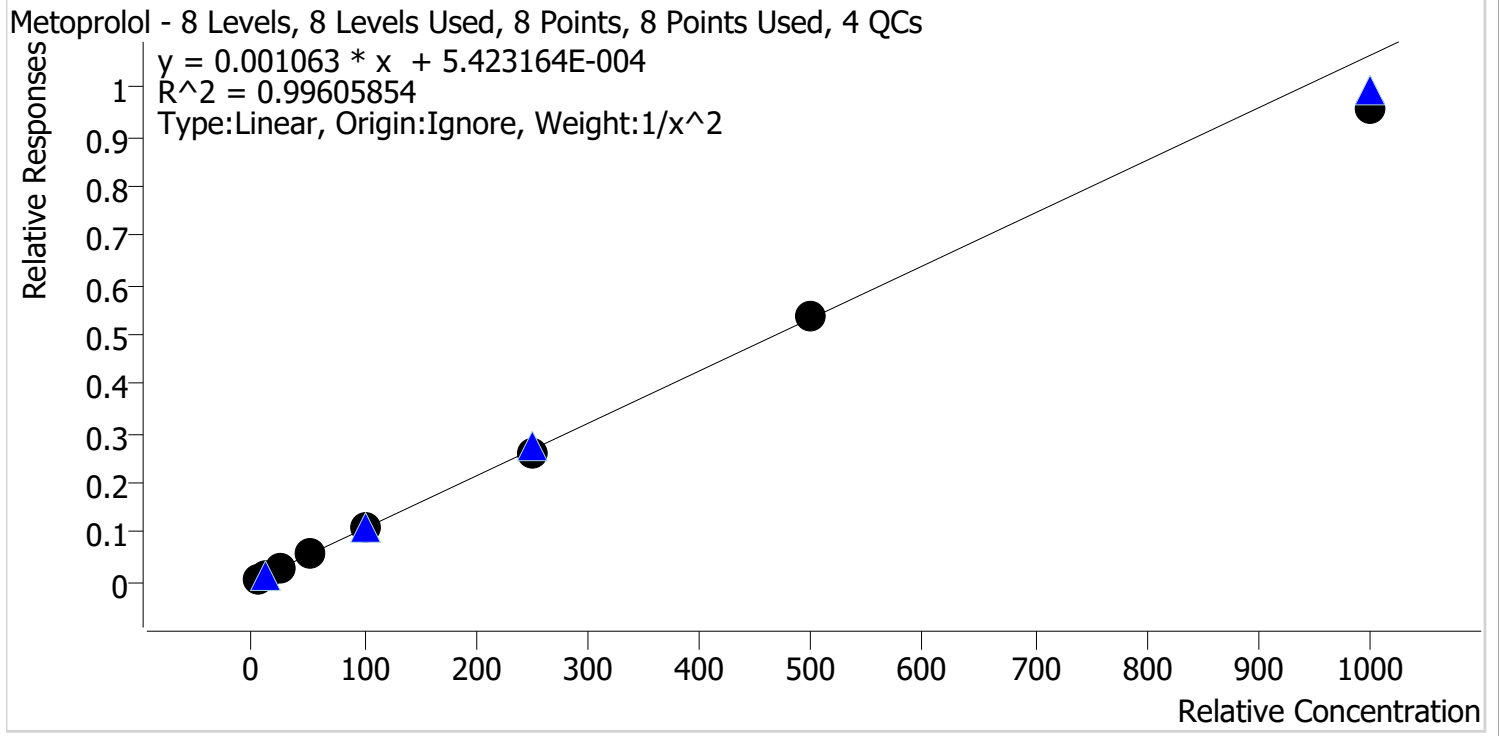
Cal 8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	244.3	97.7
p1 Cal 7-500ng	7	✓	500.0	504.4	100.9
p1 Cal 8-1000ng	8	✓	1000.0	897.4	89.7

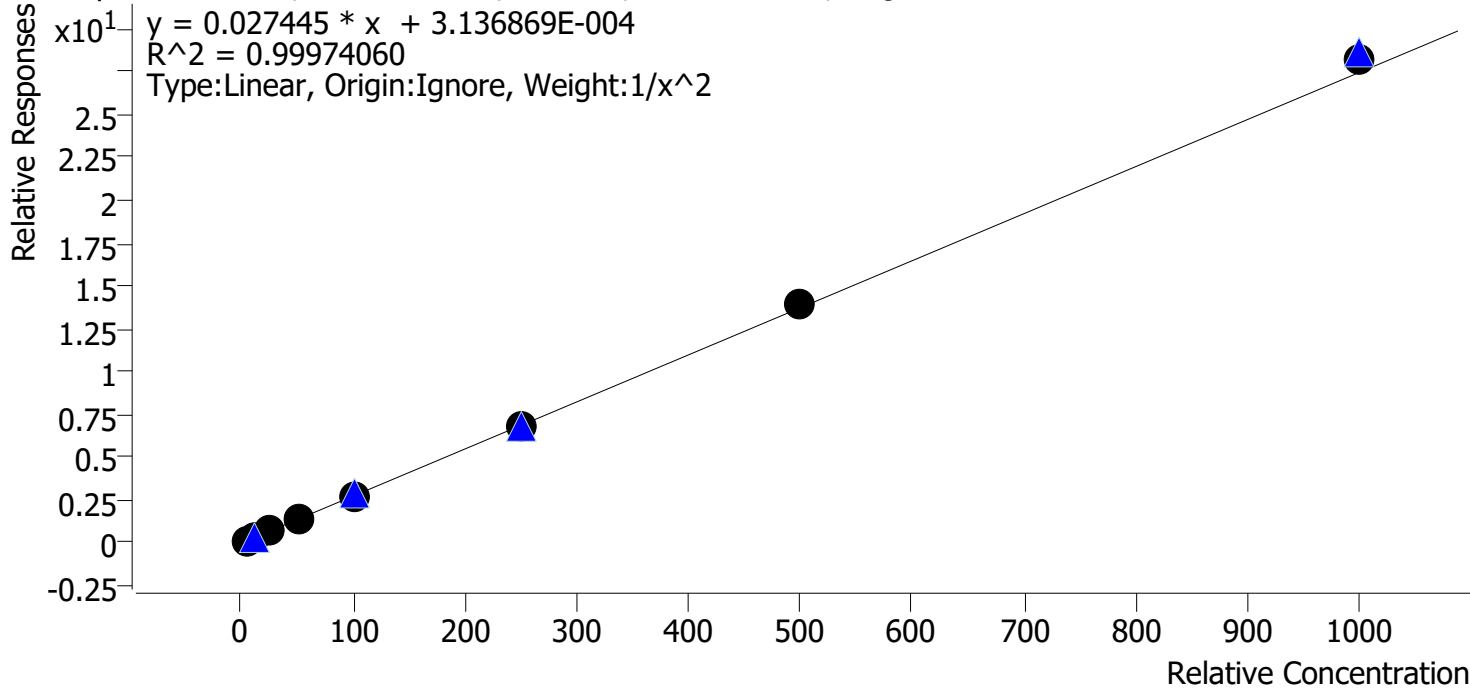
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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



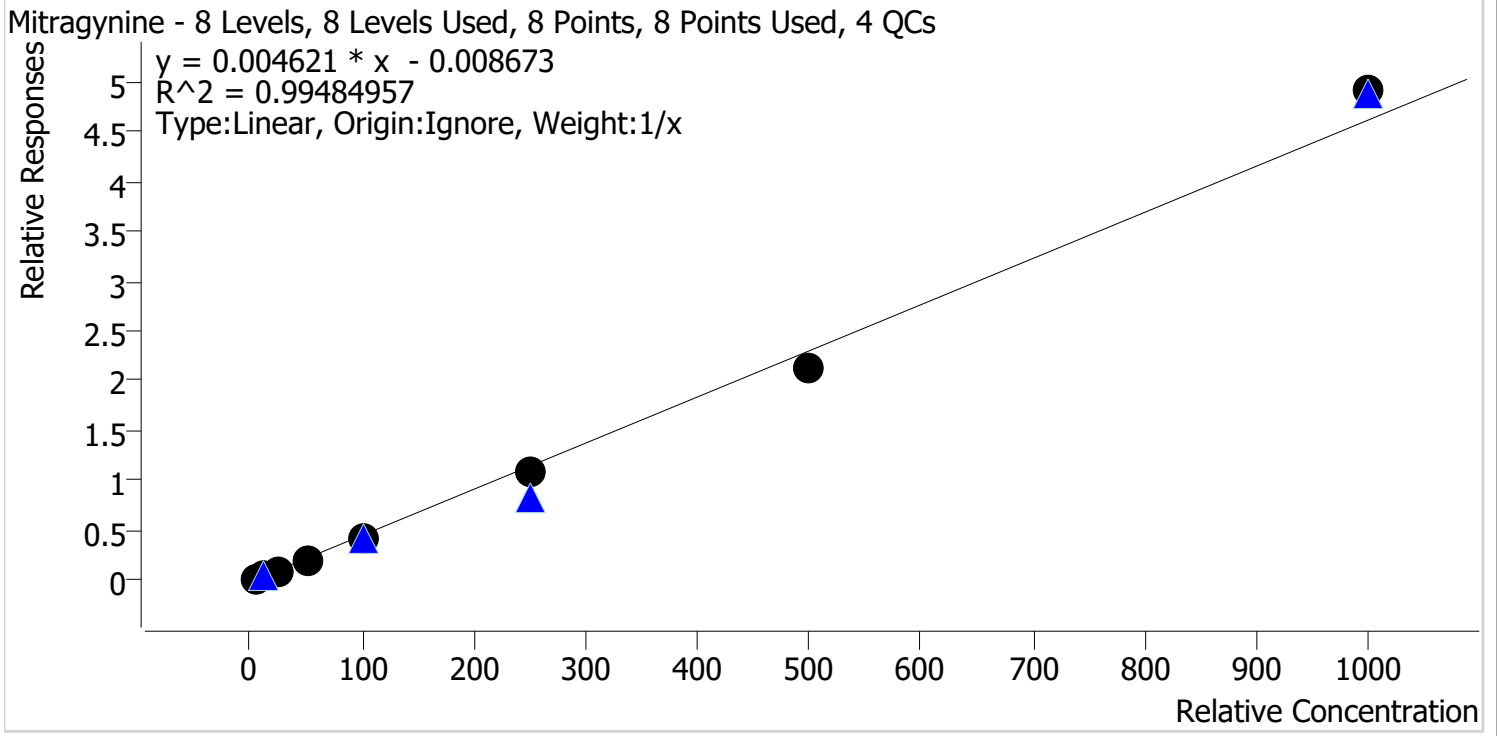
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.7	99.0
p1 Cal 4-50ng	4	✓	50.0	49.3	98.5
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	504.2	100.8
p1 Cal 8-1000ng	8	✓	1000.0	1024.7	102.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



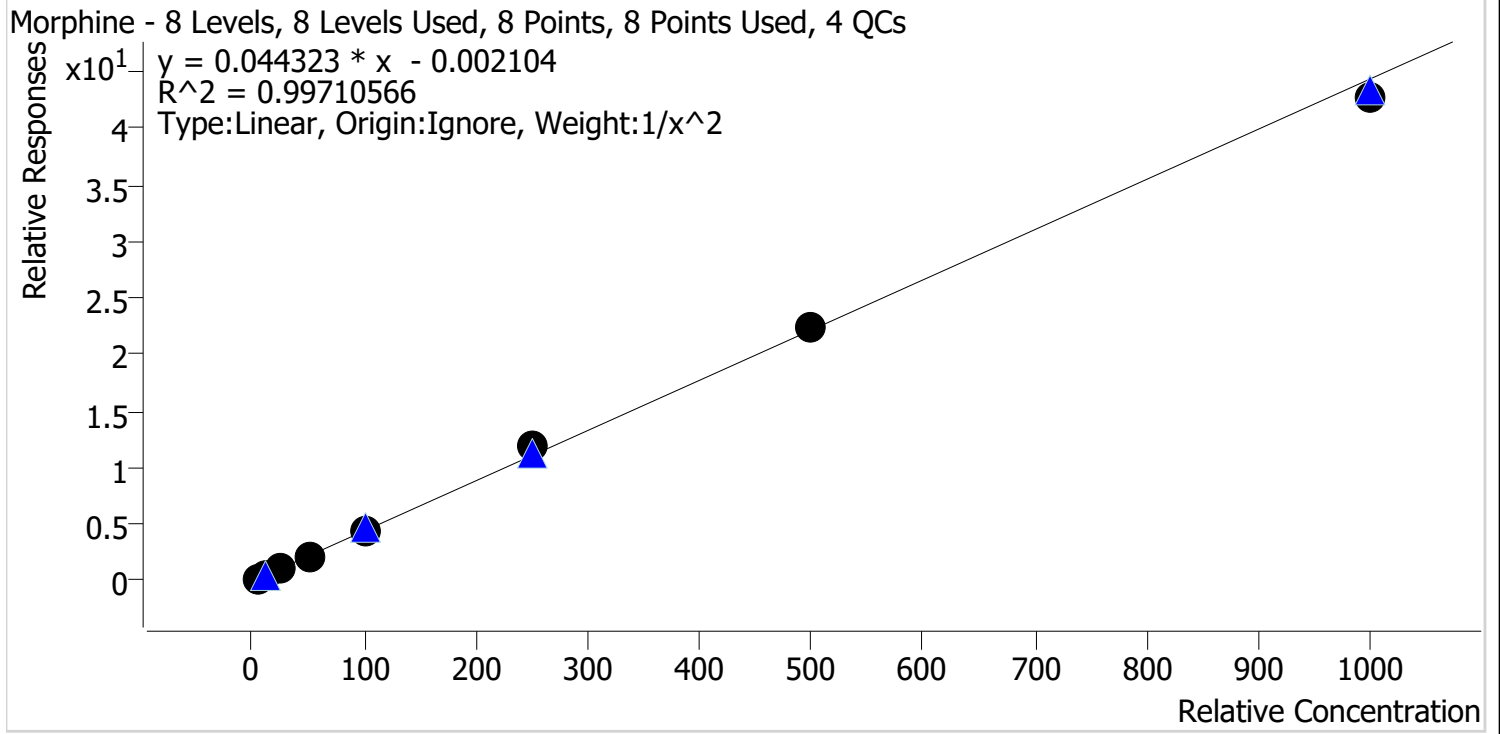
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.1	121.6
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	45.4	90.8
p1 Cal 5-100ng	5	✓	100.0	94.5	94.5
p1 Cal 6-250ng	6	✓	250.0	236.8	94.7
p1 Cal 7-500ng	7	✓	500.0	459.0	91.8
p1 Cal 8-1000ng	8	✓	1000.0	1063.9	106.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.6
p1 Cal 4-50ng	4	✓	50.0	45.9	91.7
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	269.0	107.6
p1 Cal 7-500ng	7	✓	500.0	504.1	100.8
p1 Cal 8-1000ng	8	✓	1000.0	965.3	96.5

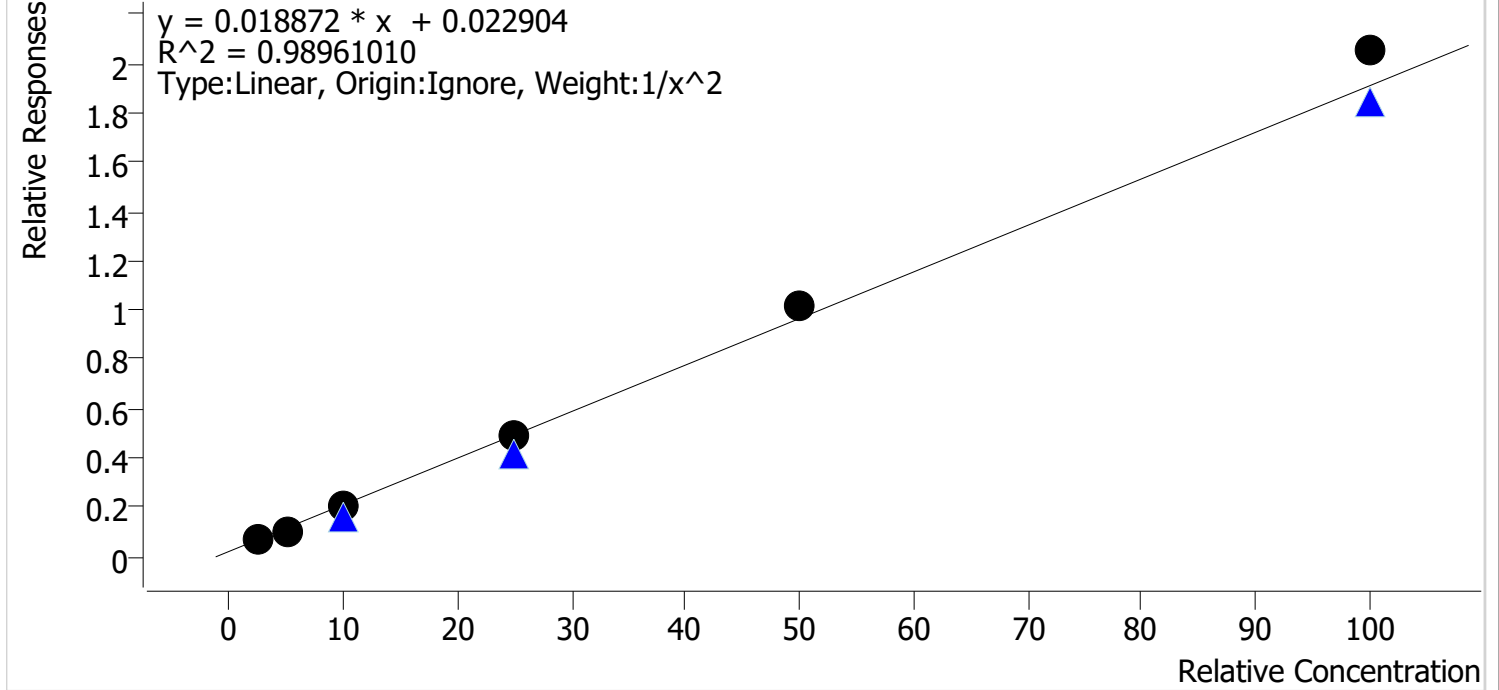
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 6 Levels, 6 Levels Used, 6 Points, 6 Points Used, 3 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 3 -25ng	3	✓	2.5	2.7	107.5
p1 Cal 4-50ng	4	✓	5.0	4.4	87.5
p1 Cal 5-100ng	5	✓	10.0	9.3	93.4
p1 Cal 6-250ng	6	✓	25.0	24.8	99.1
p1 Cal 7-500ng	7	✓	50.0	52.4	104.9
p1 Cal 8-1000ng	8	✓	100.0	107.5	107.5

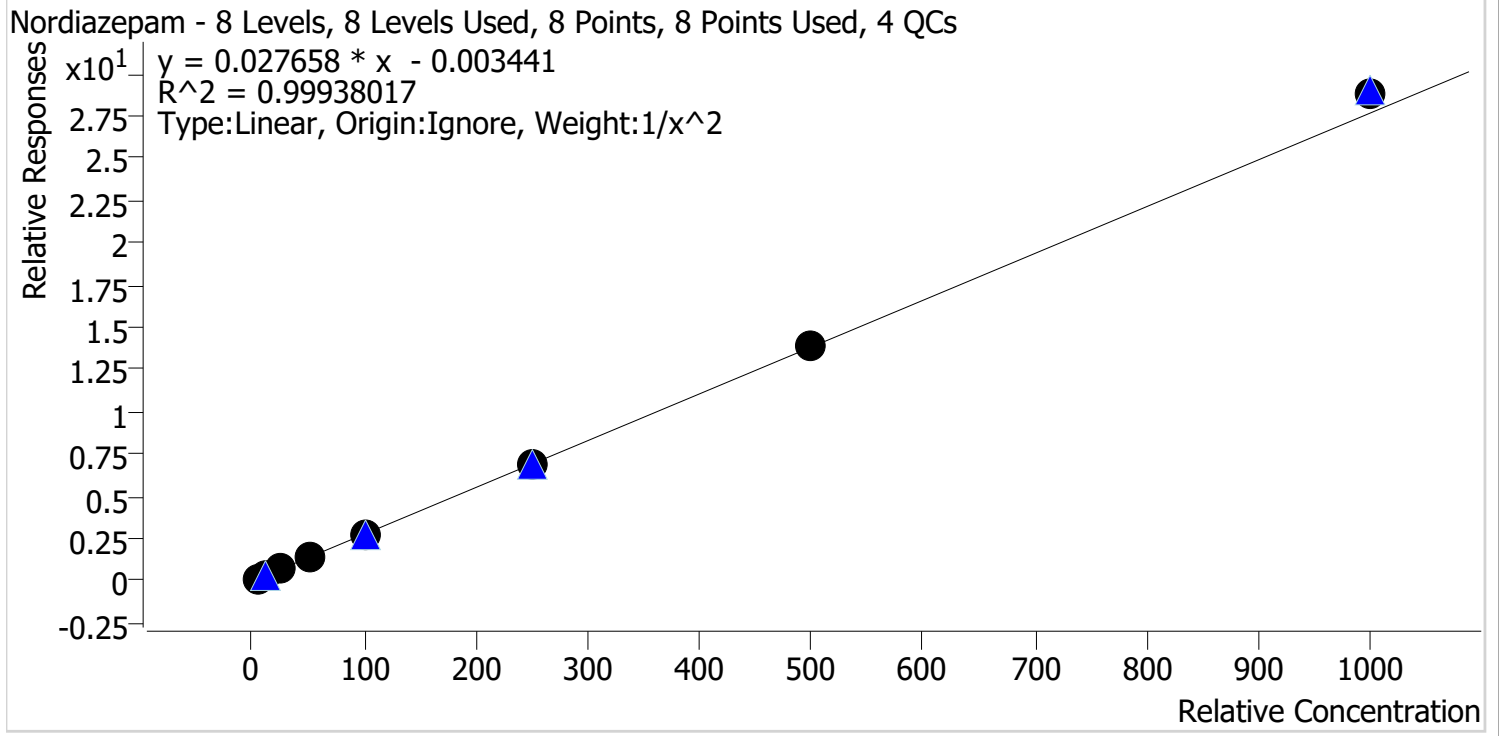
Cal 1 and 2 dropped due to peak shape

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



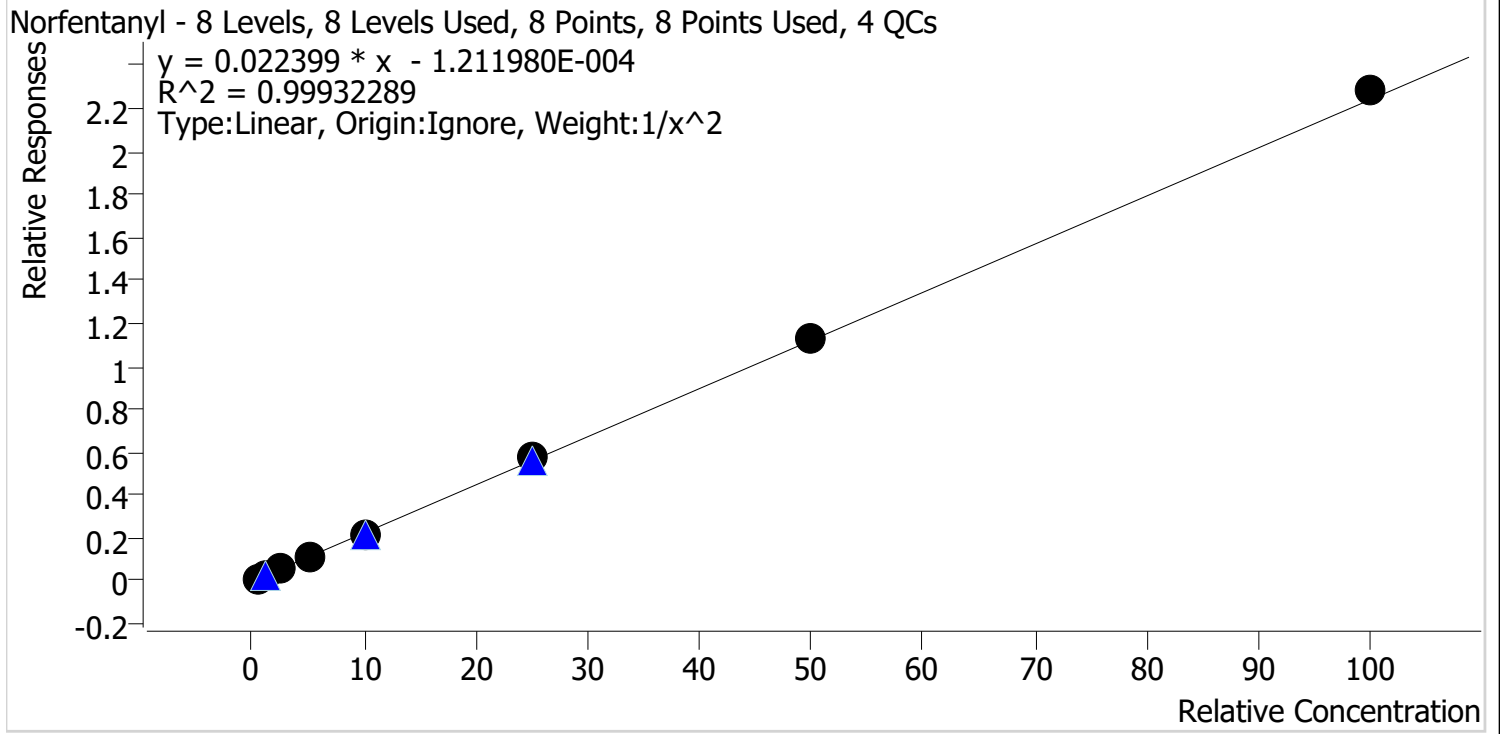
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	246.0	98.4
p1 Cal 7-500ng	7	✓	500.0	503.0	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1041.0	104.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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	100.3
p1 Cal 2-10ng	2	✓	1.0	1.0	100.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.4
p1 Cal 4-50ng	4	✓	5.0	4.9	98.8
p1 Cal 5-100ng	5	✓	10.0	9.6	96.5
p1 Cal 6-250ng	6	✓	25.0	25.7	102.8
p1 Cal 7-500ng	7	✓	50.0	50.8	101.6
p1 Cal 8-1000ng	8	✓	100.0	101.9	101.9

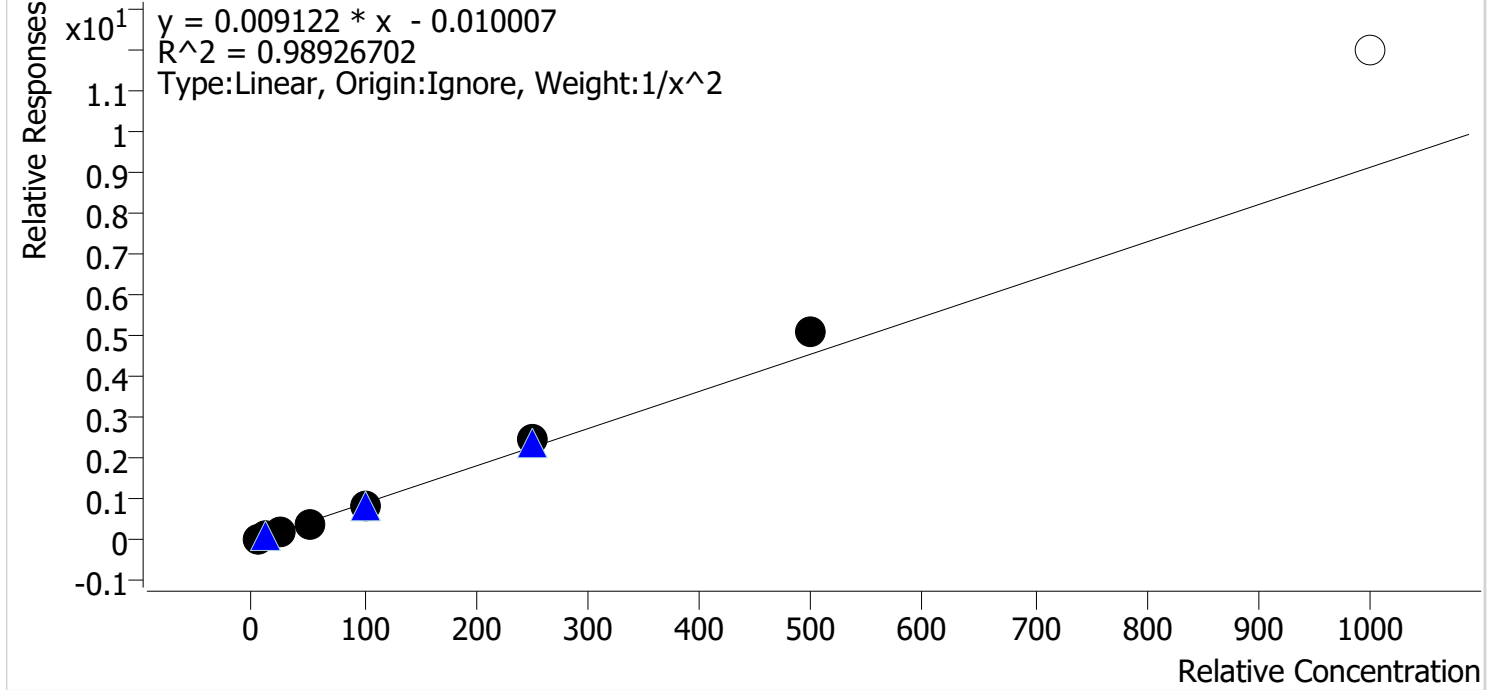
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.7
p1 Cal 2-10ng	2	✓	10.0	9.2	92.1
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	45.3	90.7
p1 Cal 5-100ng	5	✓	100.0	94.1	94.1
p1 Cal 6-250ng	6	✓	250.0	273.2	109.3
p1 Cal 7-500ng	7	✓	500.0	560.6	112.1
p1 Cal 8-1000ng	8	x	1000.0	1312.6	131.3

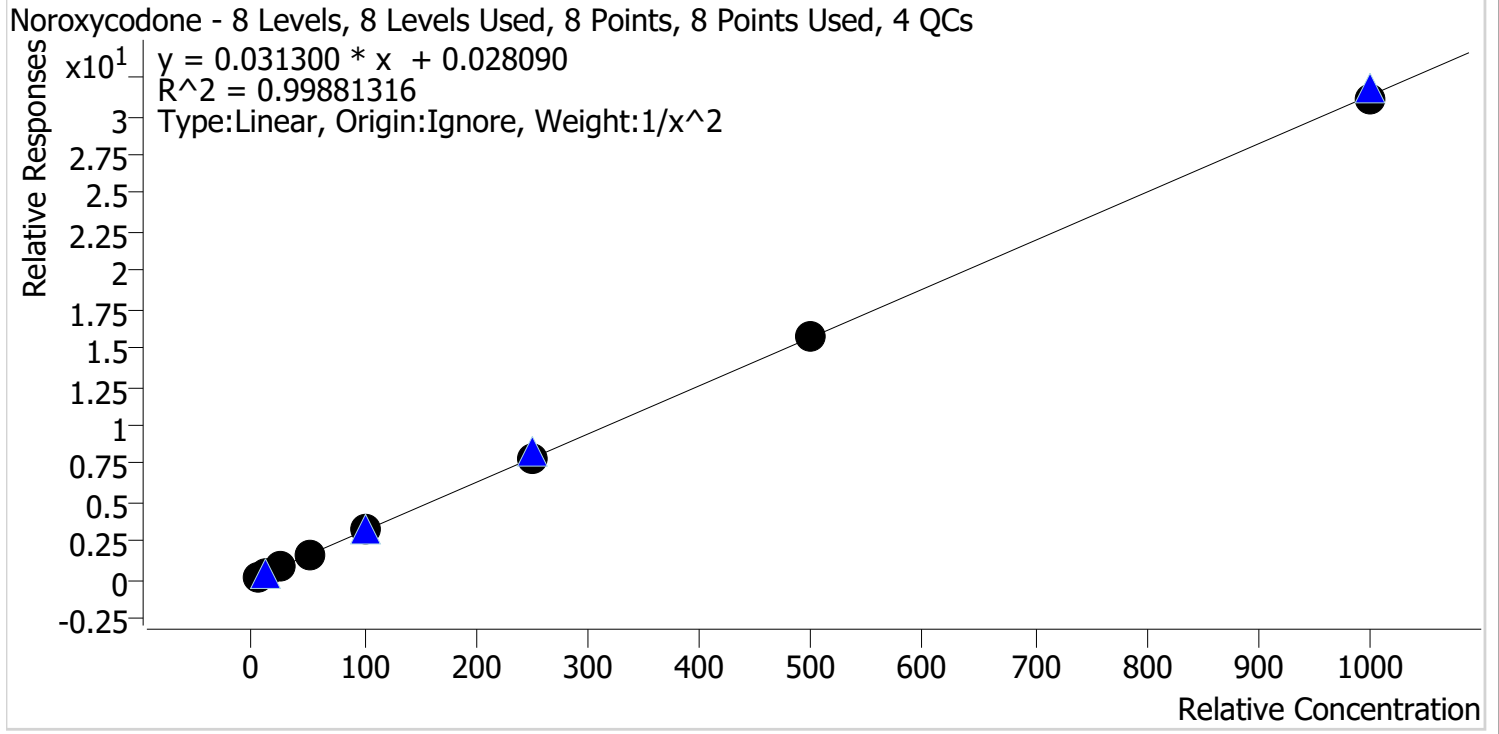
Cal 8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



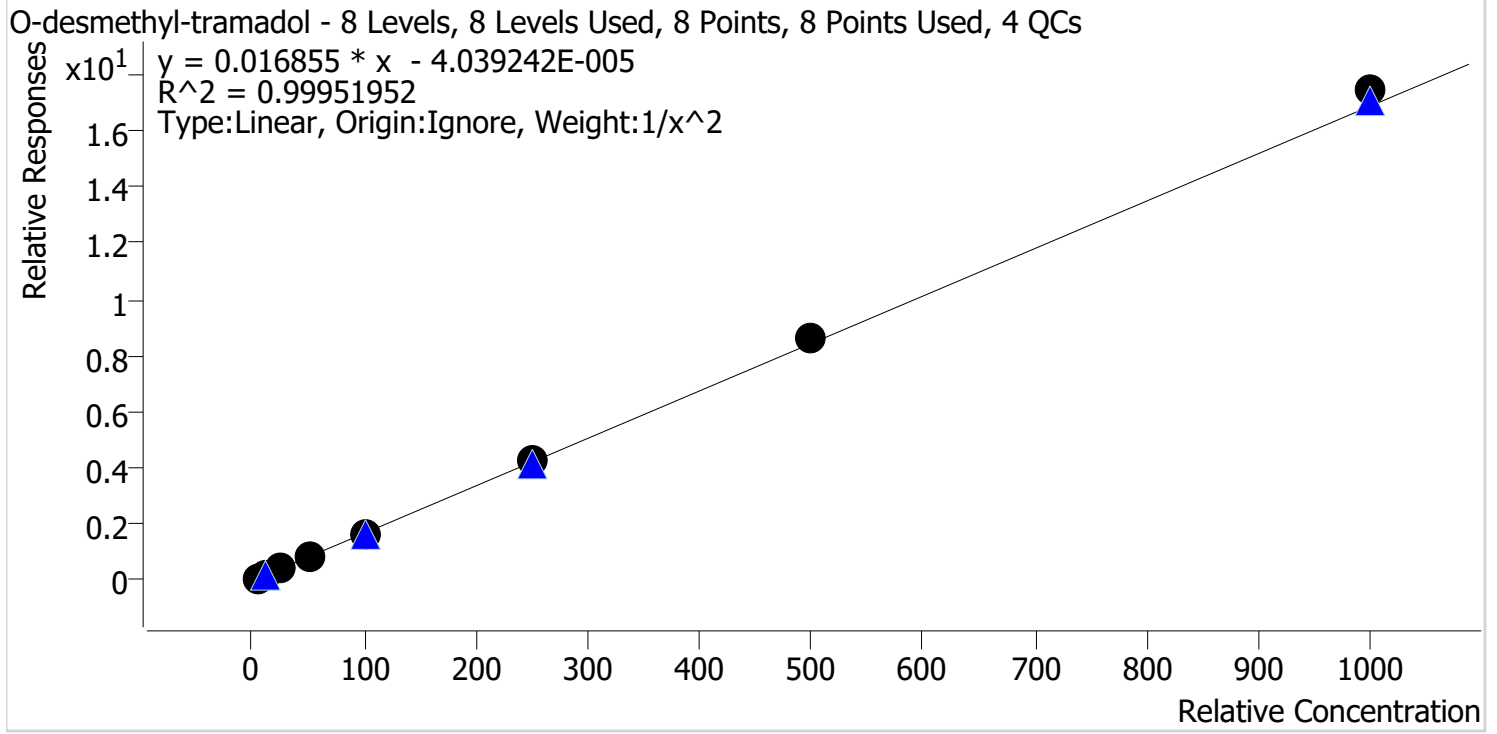
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.5	94.8
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	252.4	100.9
p1 Cal 7-500ng	7	✓	500.0	505.8	101.2
p1 Cal 8-1000ng	8	✓	1000.0	993.4	99.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.5
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	507.7	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1033.5	103.4

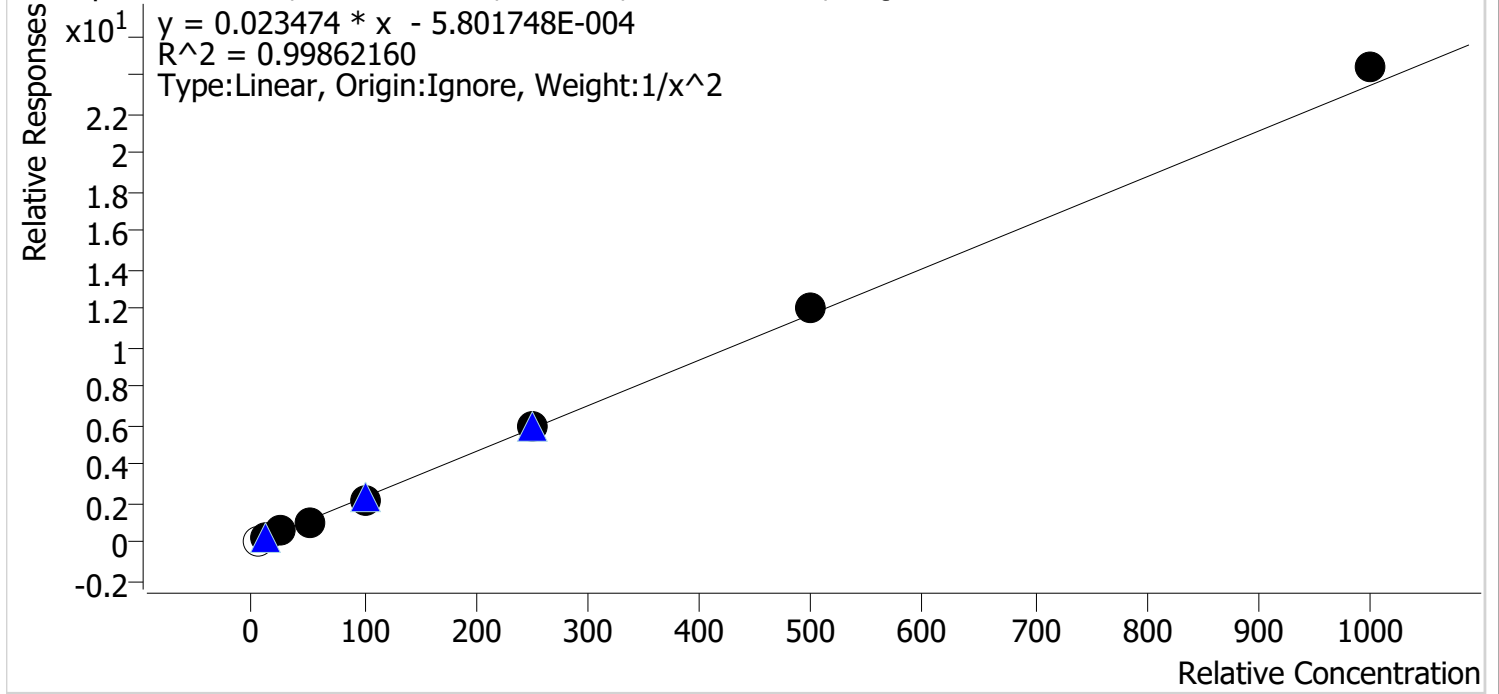
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

Oxazepam - 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	x	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	101.0
p1 Cal 4-50ng	4	✓	50.0	47.8	95.5
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	511.0	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1041.9	104.2

Cal 1 dropped due to ratio

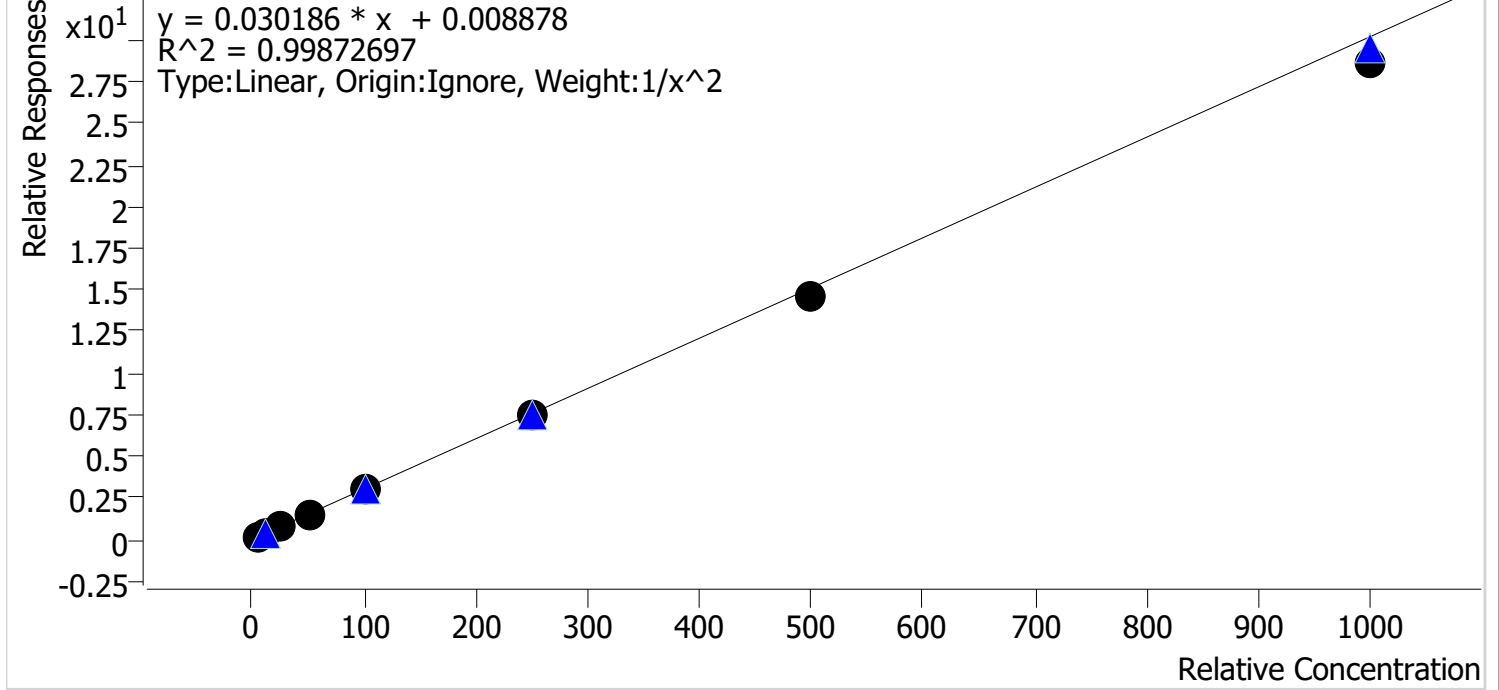
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



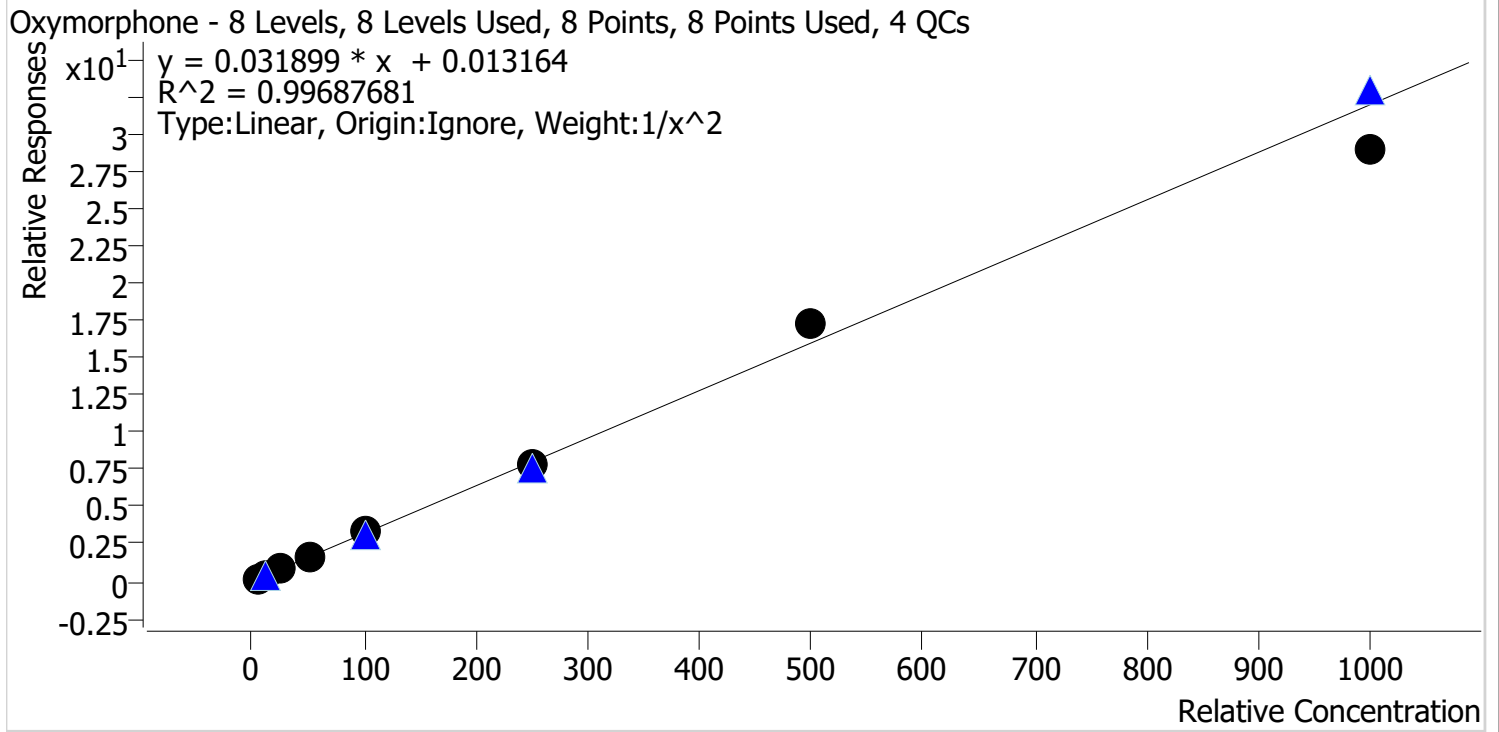
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	50.8	101.5
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	485.0	97.0
p1 Cal 8-1000ng	8	✓	1000.0	951.7	95.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



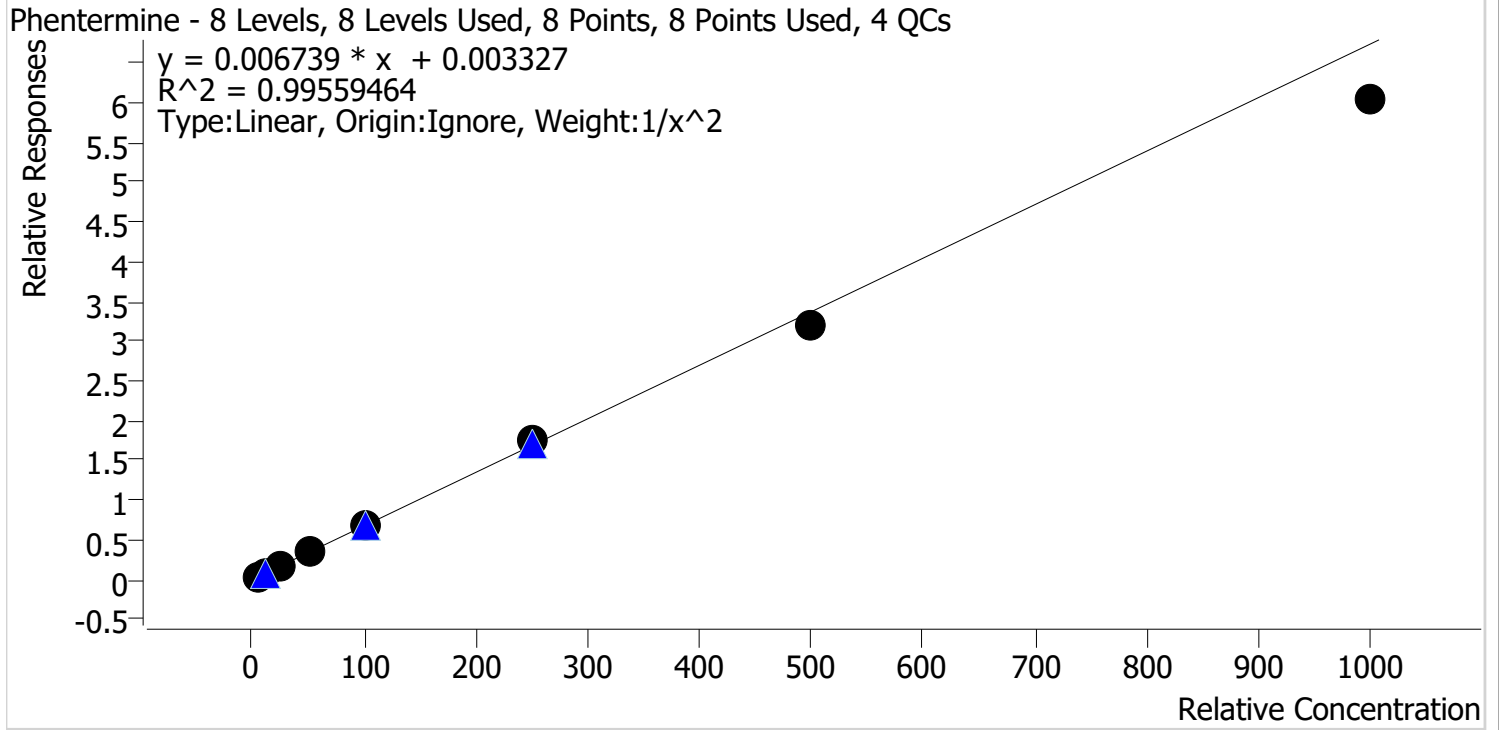
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	246.6	98.7
p1 Cal 7-500ng	7	✓	500.0	539.4	107.9
p1 Cal 8-1000ng	8	✓	1000.0	909.5	91.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



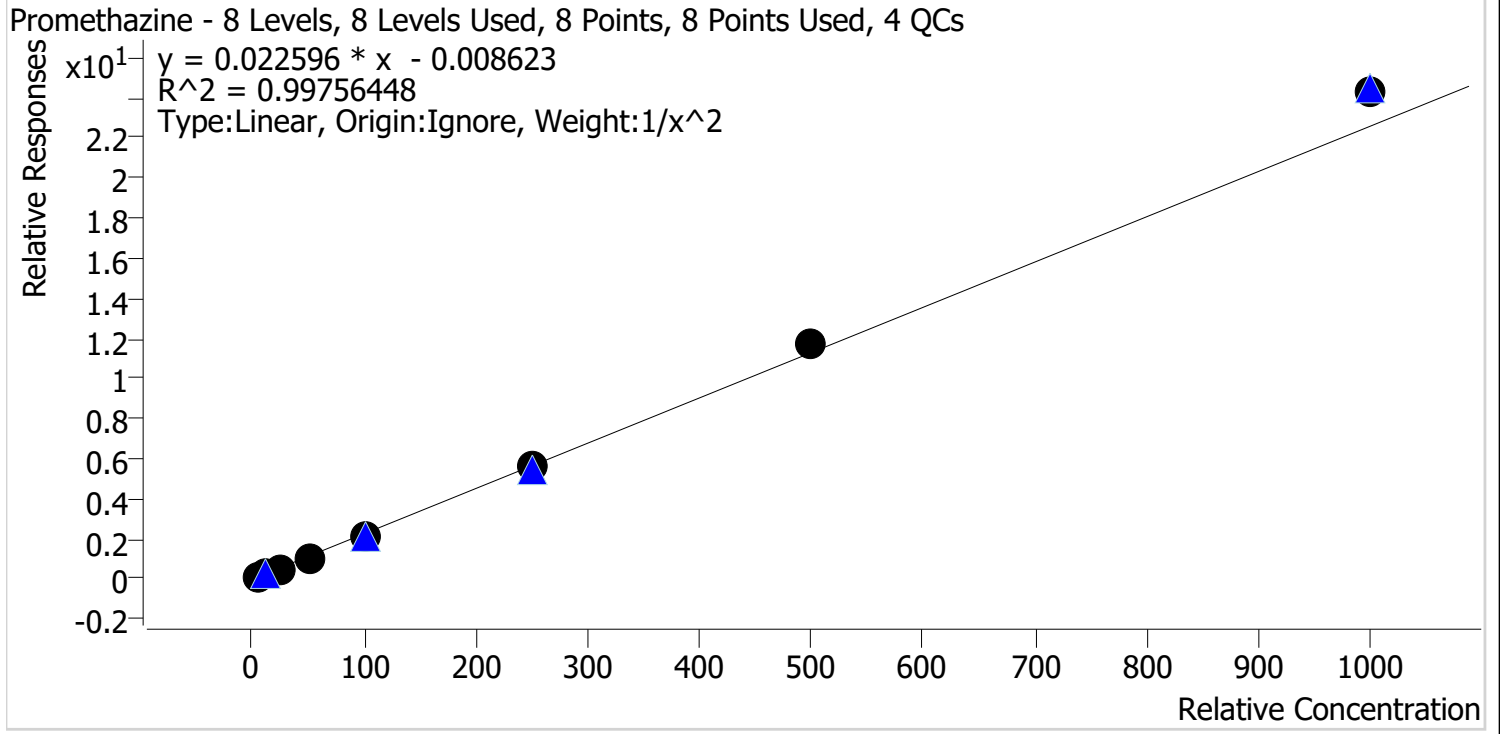
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	259.7	103.9
p1 Cal 7-500ng	7	✓	500.0	472.7	94.5
p1 Cal 8-1000ng	8	✓	1000.0	898.9	89.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



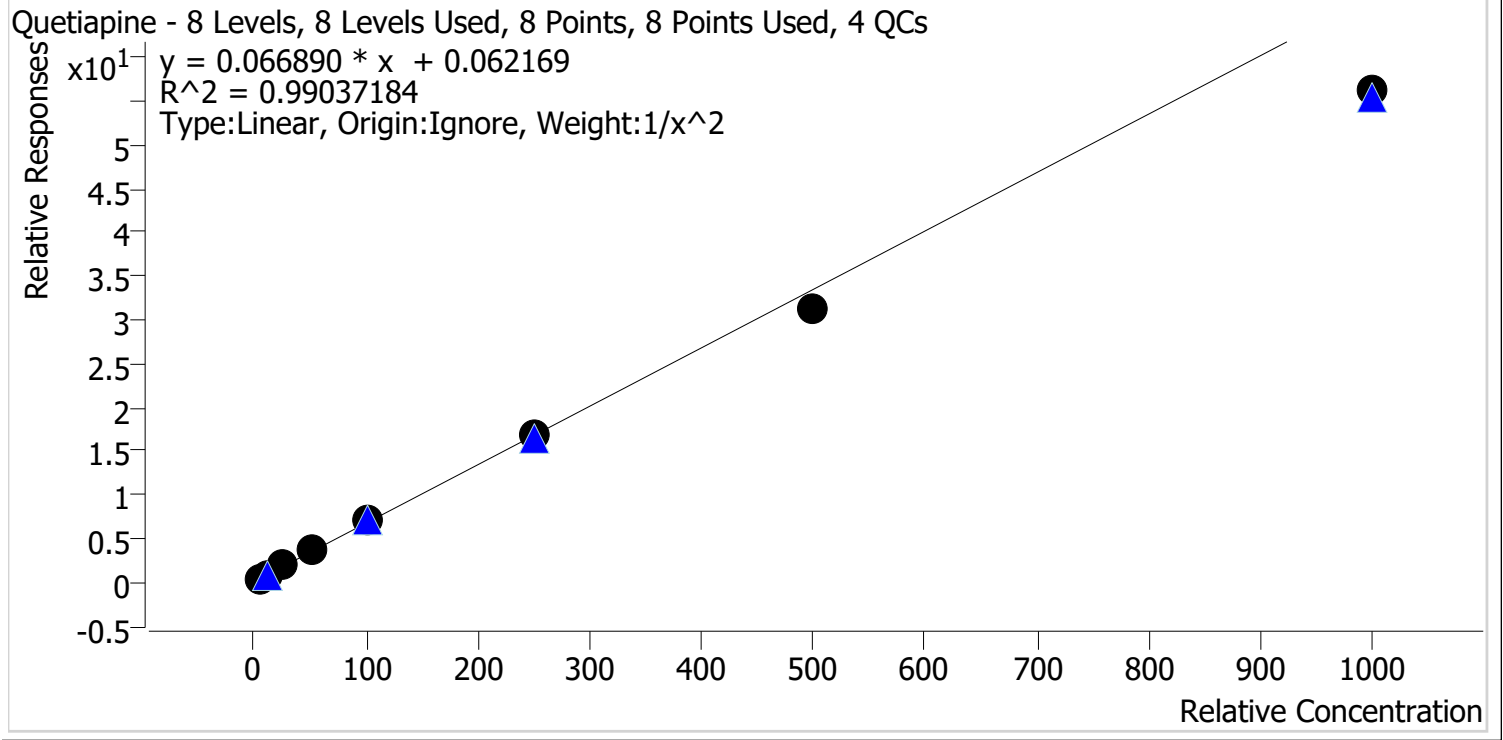
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	517.3	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1077.2	107.7

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



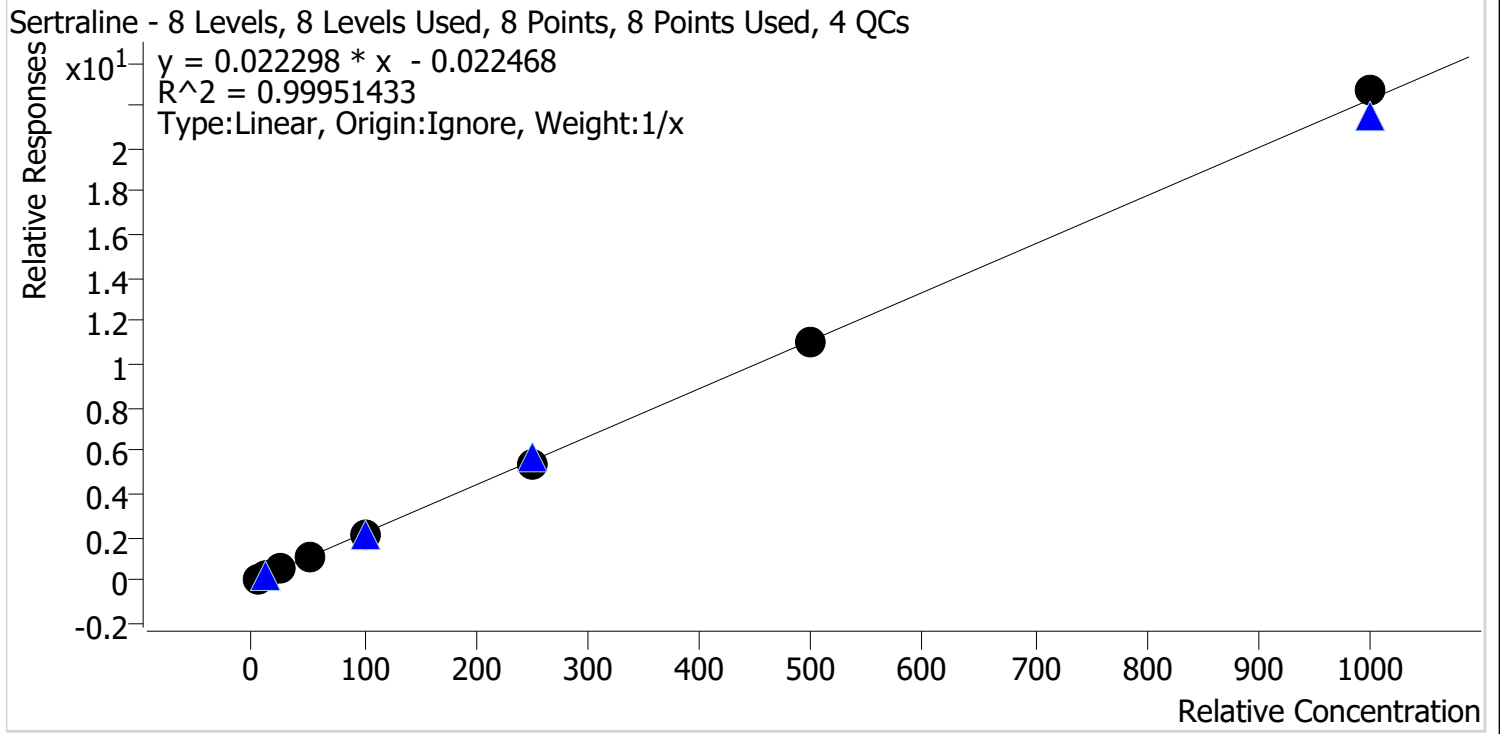
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.6
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	467.2	93.4
p1 Cal 8-1000ng	8	✓	1000.0	840.3	84.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



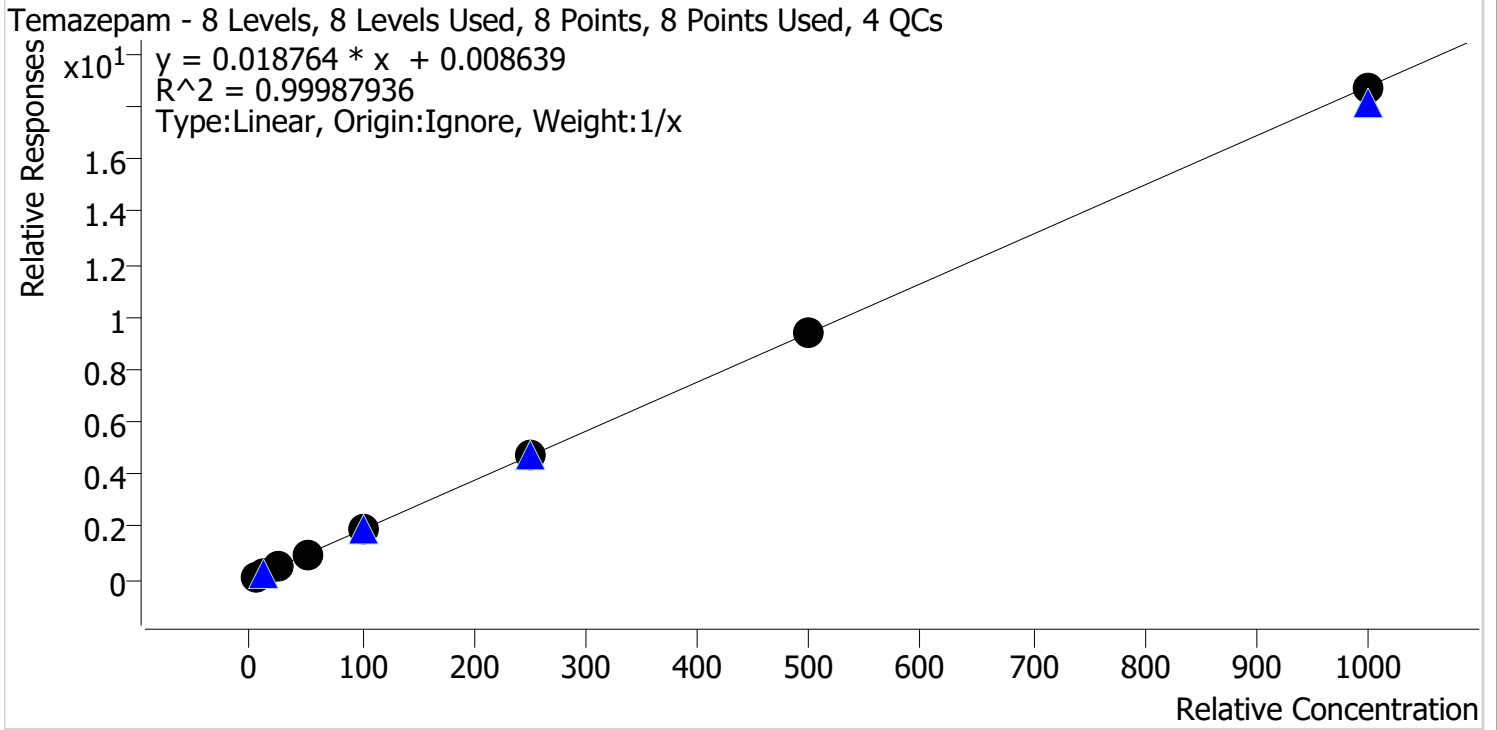
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	242.0	96.8
p1 Cal 7-500ng	7	✓	500.0	493.5	98.7
p1 Cal 8-1000ng	8	✓	1000.0	1018.5	101.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



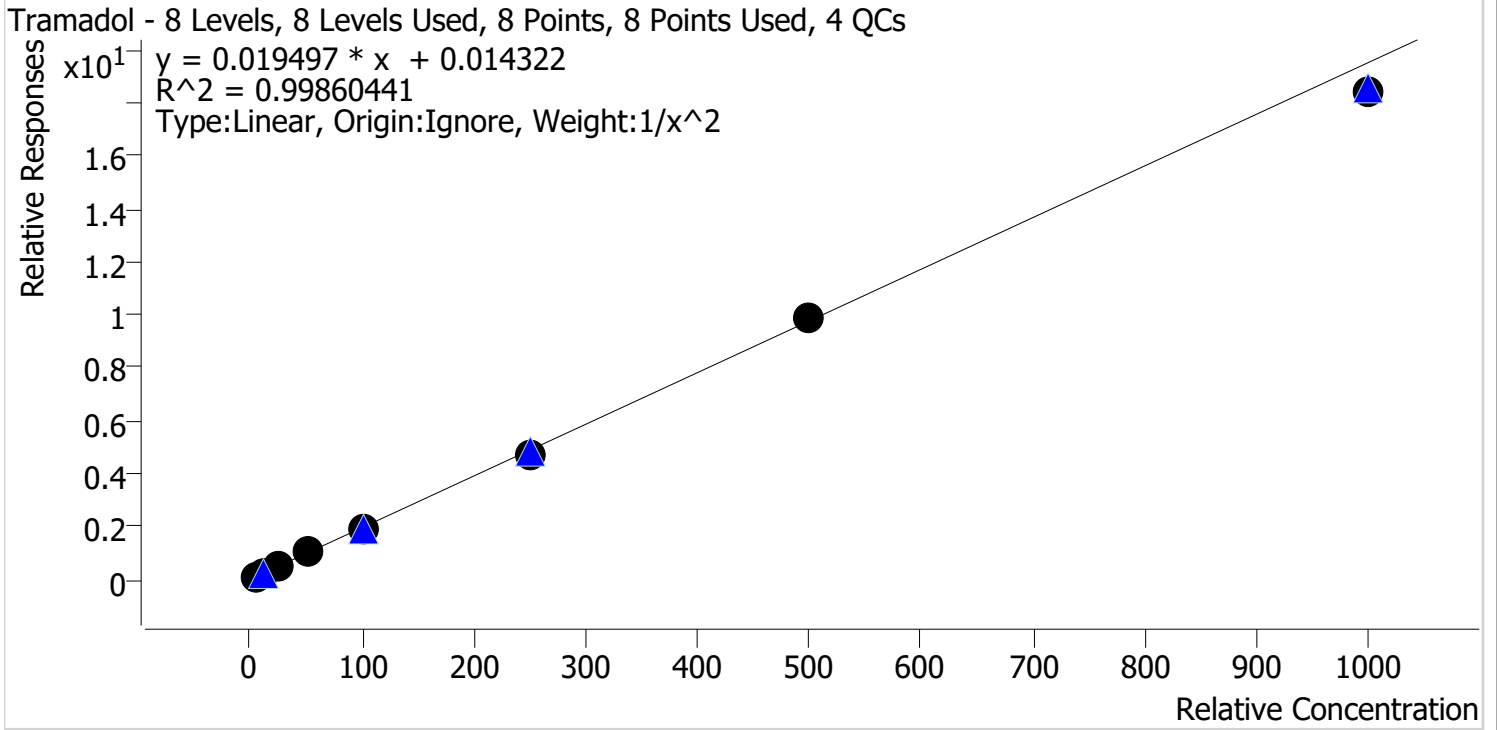
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	92.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	497.1	99.4
p1 Cal 8-1000ng	8	✓	1000.0	995.8	99.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



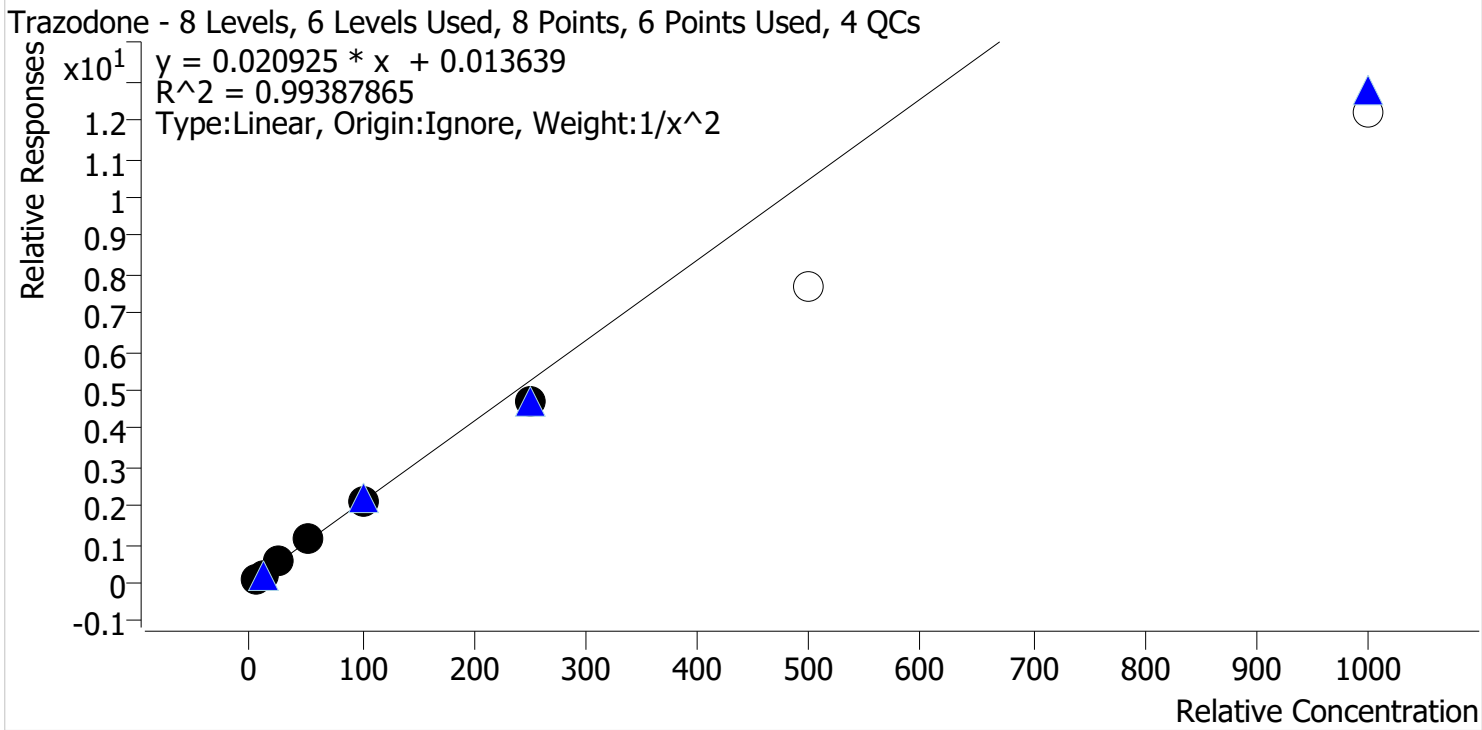
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	242.6	97.0
p1 Cal 7-500ng	7	✓	500.0	506.1	101.2
p1 Cal 8-1000ng	8	✓	1000.0	945.1	94.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datator
Analyte Trazodone **Internal Standard** Trazodone-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	10.5	105.5
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	223.9	89.5
p1 Cal 7-500ng	7	x	500.0	368.7	73.7
p1 Cal 8-1000ng	8	x	1000.0	581.5	58.1

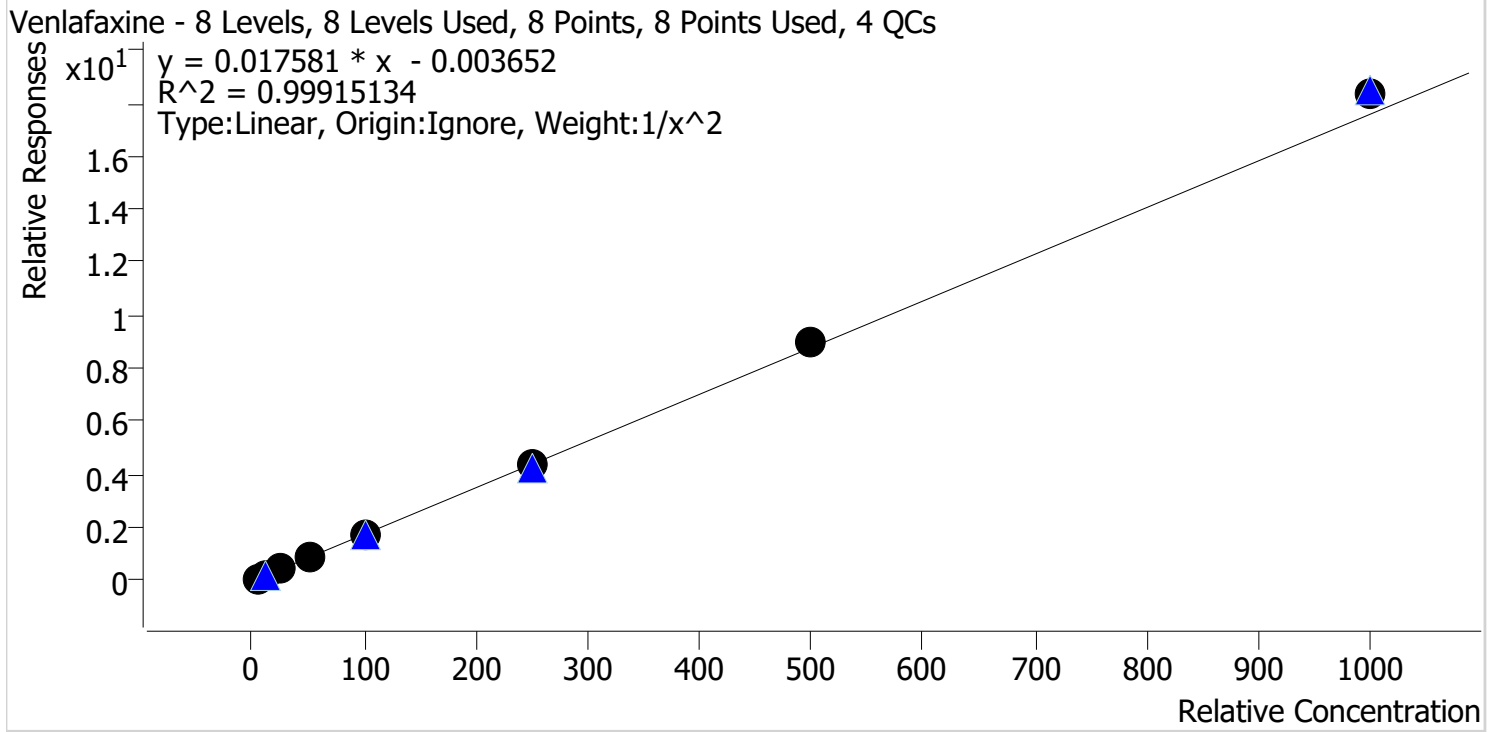
Cal 7 and 8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 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	101.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	49.8	99.7
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	513.3	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1041.9	104.2

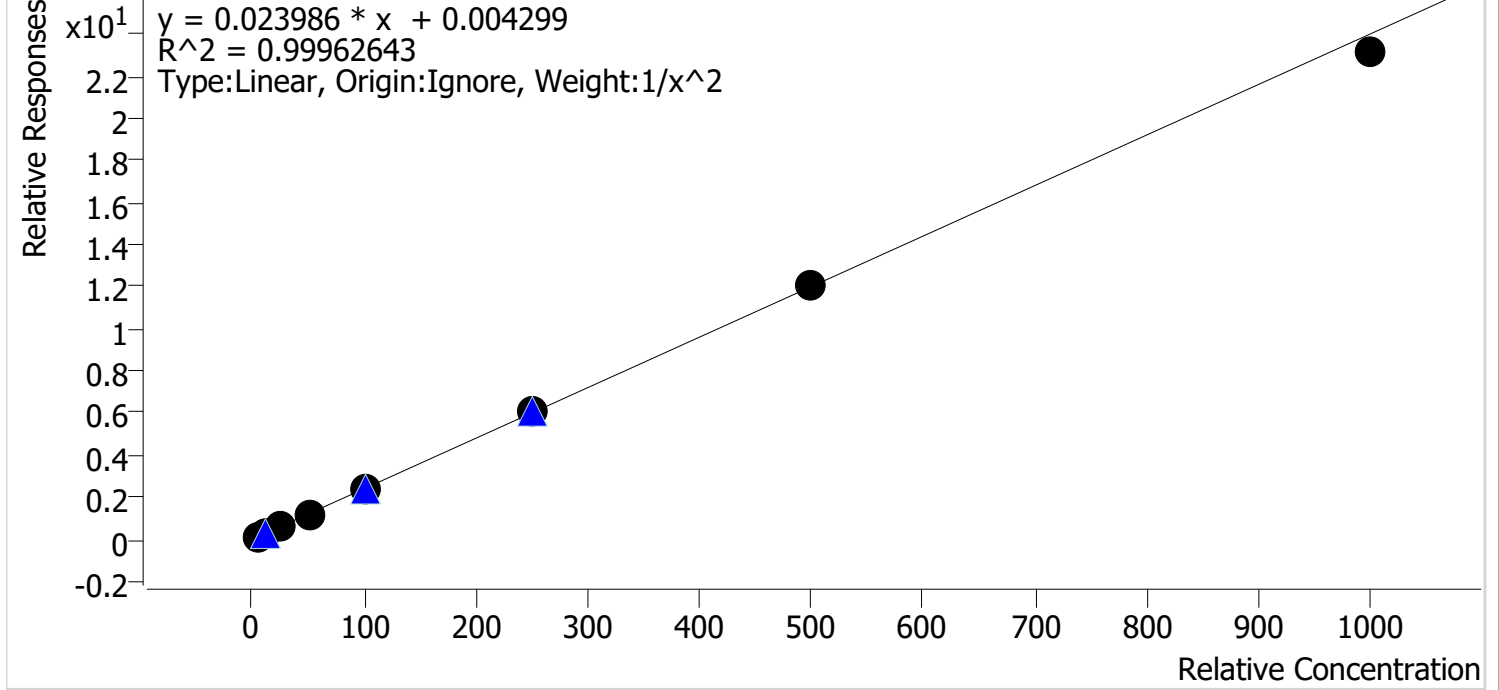
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 12/22/2021 8:04 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	254.1	101.7
p1 Cal 7-500ng	7	✓	500.0	500.0	100.0
p1 Cal 8-1000ng	8	✓	1000.0	963.0	96.3

SC

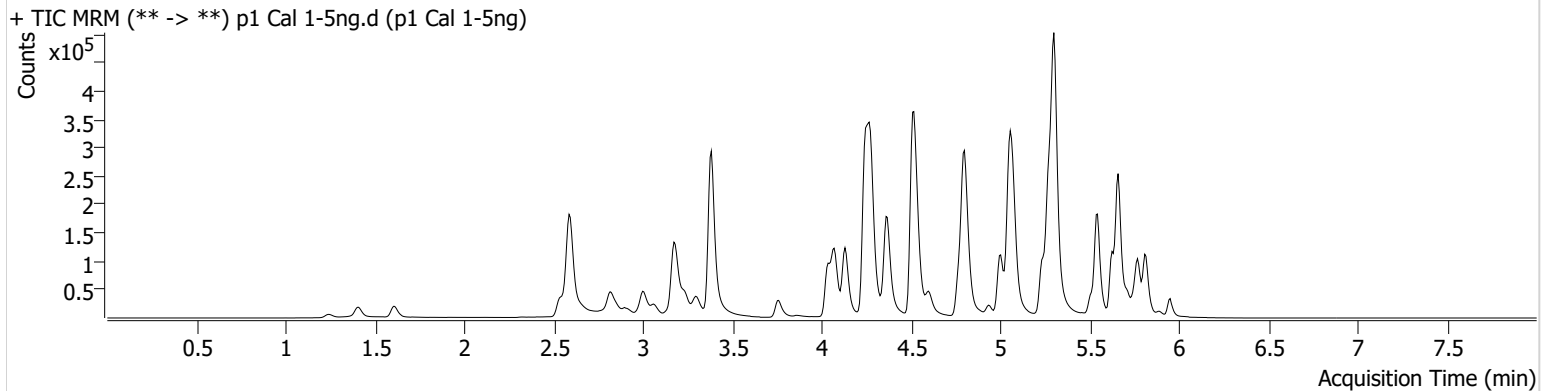


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 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-A1 **Comment**
Injection Volume 2
Acq. Date-Time 12/16/2021 9:35:17 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	215	281.10	88.9	430.06	15549	0.4792 ng/ml
7-aminoclonazepam	4.258	5486	65.69	87.1	71.54	46030	4.6810 ng/ml
a-hydroxyalprazolam	5.699	1777	151.70	60.6	3044.68	154589	5.1599 ng/ml
alpha-PHP	4.937	10891	991.70	287.0	2031.59	393687	5.0823 ng/ml
alpha-PVP	4.376	44655	19808.91	48.4	975.17	393687	5.0472 ng/ml
Alprazolam	5.775	12769	1279.99	144.9	∞	154589	5.3639 ng/ml
Amphetamine	3.069	18554	145.33	45.0	648.18	42480	4.7836 ng/ml
Benzoylcegonine	3.886	881	59.62	7.5	78.92	4832	5.3294 ng/ml
Buprenorphine	5.649	408	1805.85	12.9	59.48	24577	0.3928 ng/ml
Bupropion	4.788	30915	134261.14	65.7	468.21	212321	4.8665 ng/ml
Carisoprodol	5.724	837	161.21	54.3	34.63	6026	5.1866 ng/ml
Citalopram	5.239	22182	130804.71	34.7	162.52	210639	5.0400 ng/ml
Clonazepam	5.605	352	33.58	41.0	33.62	723	5.1076 ng/ml
Clonazepam	5.548	9137	6155.66	29.9	4884.48	723	5.3233 ng/ml
Cocaine	4.271	36207	184.33	52.9	49460.04	529518	4.9047 ng/ml
Codeine	2.593	2168	4844.23	105.4	3716.21	22533	4.9971 ng/ml
Cyclobenzaprine	5.628	20048	37630.31	9.1	359.69	210745	5.2095 ng/ml
Dextromethorphan	5.282	20147	39659.80	81.6	16706.90	180313	4.9866 ng/ml
Dextrophan	4.132	11483	390.72	210.2	3536.52	251518	5.0054 ng/ml
Diazepam	5.953	4962	32.20	94.4	82.75	50089	4.9632 ng/ml
Dihydrocodeine	2.572	6991	28053.65	58.1	885.32	88985	4.8815 ng/ml
Diphenhydramine	5.303	83772	4191.97	28.8	41036.75	940277	5.0700 ng/ml
Doxylamine	4.529	100629	268957.75	107.6	995.76	930444	5.0830 ng/ml
EDDP	5.275	32548	2744.93	42.3	64559.98	378825	5.0613 ng/ml
Etizolam	5.813	8147	13386.14	24.1	5641.86	723	5.2755 ng/ml
Fentanyl	5.089	1950	2784.01	99.5	1332.61	267910	0.5191 ng/ml
Flualprazolam	5.705	6578	4399.37	82.9	2318.89	154589	4.9681 ng/ml
Fluoxetine	5.721	4440	4238.26	9.1	1029.57	32126	4.9715 ng/ml
Hydrocodone	3.032	9504	257.16	29.0	34.32	105794	5.0285 ng/ml
Hydromorphone	1.615	7701	355.41	75.7	34040.74	48944	5.1153 ng/ml
Ketamine	4.051	27343	200.84	40.5	245.49	225820	4.9197 ng/ml
Lamotrigine	4.287	1522	143.67	83.1	3059.47	225820	4.8484 ng/ml
Levetiracetam	2.656	5227	113.84	130.6	531.93	507316	4.9839 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	5157	143.82	49.8	24.48	723	5.3731 ng/ml
MDA	3.216	10508	487.74	28.6	60.91	59962	4.7744 ng/ml
MDMA	3.310	19505	1606.85	92.3	468.65	53348	5.0440 ng/ml
Meprobamate	4.911	454	15.45	20.1 Low	235.33	4902	4.7415 ng/ml
Methadone	5.659	48709	1904.22	54.7	42057.11	421144	6.2090 ng/ml
Methamphetamine	3.238	52210	250.30	38.8	476.27	377616	4.0409 ng/ml
Metoprolol	4.340	3953	4999.17	83.3	3296.51	701950	4.7868 ng/ml
Mirtazapine	4.604	54741	1650.25	47.6	3795.42	393687	5.0550 ng/ml
Mitragynine	5.216	8184	10108.52	32.9	7586.61	421144	6.0823 ng/ml
Morphine	1.253	1524	250.70	26.1	269.36	7014	4.9486 ng/ml
Nordiazepam	5.900	1204	2291.81	62.5	209.21	8954	4.9849 ng/ml
Norfentanyl	4.093	2900	4602.22	31.7	53.03	260952	0.5016 ng/ml
Norhydrocodone	3.086	753	42.27	41.6	8.29 Low	19725	5.2836 ng/ml
Noroxycodone	2.930	6351	74.72	44.1	249.75	33600	5.1418 ng/ml
O-desmethyl-tramadol	3.389	61904	1235.49	5.7	300.19	727761	5.0490 ng/ml
Oxazepam	5.756	4893	1776.05	122.5 High	73.57	40770	5.1373 ng/ml
Oxycodone	2.848	23013	1121.91	27.7	267.40	147421	4.8772 ng/ml
Oxymorphone	1.411	8612	37.41	44.7	80.82	50340	4.9500 ng/ml
Phentermine	3.797	3138	41.62	6.2	77.99	85610	4.9461 ng/ml
Promethazine	5.545	36719	424.17	29.1	587.25	345886	5.0798 ng/ml
Pseudoephedrine	2.603	48764	101.37	15.2	2494.30	507316	5.0820 ng/ml
Quetiapine	5.514	24181	76050.05	50.6	18348.24	63490	4.7646 ng/ml
Sertraline	5.782	1227	36.95	115.5	488.98	12729	5.3300 ng/ml
Temazepam	5.816	17481	282.35	28.8	64.00	182659	4.6399 ng/ml
Tramadol	4.259	77205	8712.86	3.2	125.34	701950	4.9067 ng/ml
Trazodone	5.034	33117	76442.91	79.7	1119.34	290147	4.8030 ng/ml
Venlafaxine	5.057	52965	242.10	38.1	359.08	620303	5.0644 ng/ml
Zolpidem	4.819	76692	1504.43	32.1	35645.56	621204	4.9678 ng/ml

AM #28 Multi-Drug Quant. Results

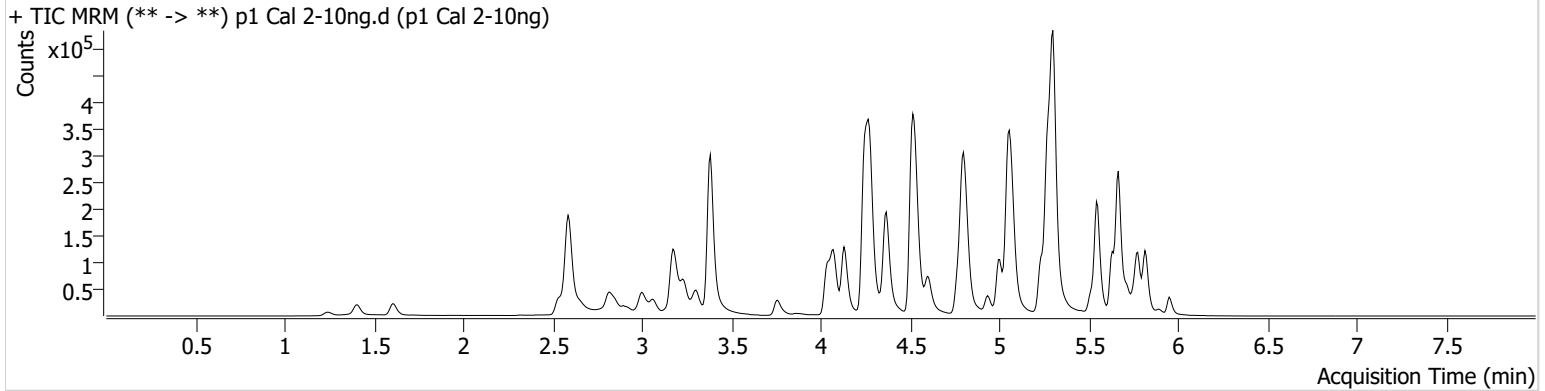
SC



Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 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-B1	Comment	
Injection Volume	2		
Acq. Date-Time	12/16/2021 9:46:03 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	532	1671.62	79.2	645.81	15148	1.0613 ng/ml
7-aminoclonazepam	4.258	10892	1510.16	84.4	43.55	42529	10.8171 ng/ml
a-hydroxyalprazolam	5.699	3311	134.12	76.8	225.65	156946	9.4597 ng/ml
alpha-PHP	4.937	20514	1678.41	289.9	77938.84	372490	9.8350 ng/ml
alpha-PVP	4.376	84024	176.45	47.2	194.53	372490	9.9198 ng/ml
Alprazolam	5.775	25617	619.16	132.8	263.40	156946	9.2510 ng/ml
Amphetamine	3.069	33666	1046.98	46.5	144.24	39181	10.4691 ng/ml
Benzoylcegonine	3.886	1662	120.02	8.6	285.83	5076	9.9481 ng/ml
Buprenorphine	5.663	731	450.29	12.0 Low	172.71	25147	0.8555 ng/ml
Bupropion	4.788	58532	168500.38	65.1	33635.09	196605	10.3121 ng/ml
Carisoprodol	5.724	1567	5145.56	54.0	56.54	6406	9.1252 ng/ml
Citalopram	5.239	42372	1192.21	34.9	928.15	189978	10.0918 ng/ml
Clonazepam	5.618	754	874.05	31.8	261.24	874	9.5516 ng/ml
Clonazepam	5.555	17252	49302.12	27.9	5226.32	874	8.8374 ng/ml
Cocaine	4.277	66973	2952.85	53.0	203.77	493362	10.1413 ng/ml
Codeine	2.587	3956	50.28	111.4	7559.96	21199	9.8318 ng/ml
Cyclobenzaprine	5.635	37368	4838.84	9.3	16.86	194103	9.6896 ng/ml
Dextromethorphan	5.282	36391	48098.38	84.3	24434.80	169889	9.9483 ng/ml
Dextrophan	4.132	21232	46370.39	213.6	115364.82	234973	10.0409 ng/ml
Diazepam	5.960	9741	706.77	90.6	7905.30	48421	10.0344 ng/ml
Dihydrocodeine	2.565	13023	52.94	57.5	17261.43	82812	10.1232 ng/ml
Diphenhydramine	5.303	157323	1185.86	28.7	78056.15	884694	9.8308 ng/ml
Doxylamine	4.529	185708	606365.46	107.0	5117.55	864457	9.7898 ng/ml
EDDP	5.275	81612	1069.56	41.5	118658.03	481714	9.8162 ng/ml
Etizolam	5.820	16120	44041.51	27.0	9828.44	874	8.9846 ng/ml
Fentanyl	5.089	3563	218.33	107.6	1705.70	255844	0.9696 ng/ml
Flualprazolam	5.712	12972	7114.60	84.4	6340.84	156946	9.9725 ng/ml
Fluoxetine	5.721	8219	54.89	7.0	∞	27948	10.3983 ng/ml
Hydrocodone	3.032	16594	51.72	28.8	36.76	97008	9.7500 ng/ml
Hydromorphone	1.615	13770	38.32	77.9	34167.59	47194	9.5425 ng/ml
Ketamine	4.051	50719	8246.88	41.1	575.59	212094	10.2069 ng/ml
Lamotrigine	4.287	2847	1274.28	85.3	3054.48	212094	10.3017 ng/ml
Levetiracetam	2.656	9987	230.35	128.4	448.78	468816	10.2578 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	9712	233.08	53.0	82.20	874	8.5996 ng/ml
MDA	3.216	19195	925.96	26.7	58.48	53807	10.5778 ng/ml
MDMA	3.310	36431	3303.48	89.2	973.93	49815	9.8568 ng/ml
Meprobamate	4.911	792	110.20	28.6	22.12	4604	9.6774 ng/ml
Methadone	5.666	90777	4609.80	55.6	66425.41	395485	10.5362 ng/ml
Methamphetamine	3.238	95779	768.87	38.8	165.70	355578	9.7489 ng/ml
Metoprolol	4.340	7849	12466.97	75.4	286.24	666101	10.5715 ng/ml
Mirtazapine	4.604	100800	326364.07	45.6	277.03	372490	9.8488 ng/ml
Mitragynine	5.216	15689	22048.65	29.6	3061.16	395485	10.4622 ng/ml
Morphine	1.253	2900	3130.84	22.7	4198.90	6416	10.2460 ng/ml
Nordiazepam	5.900	2433	2092.91	60.1	130.28	8819	10.0981 ng/ml
Norfentanyl	4.099	5529	1293.69	35.9	25.30	246033	1.0087 ng/ml
Norhydrocodone	3.080	1336	25.38	39.0	20.66	18063	9.2056 ng/ml
Noroxycodone	2.923	10372	429.83	51.3	699.65	31943	9.4759 ng/ml
O-desmethyl-tramadol	3.389	114345	496.16	5.8	429.31	684760	9.9094 ng/ml
Oxazepam	5.756	9141	274.60	72.3	228.39	38725	10.0808 ng/ml
Oxycodone	2.848	43102	5007.76	28.6	1011.71	134685	10.3075 ng/ml
Oxymorphone	1.405	15804	448.23	43.5	125.06	46477	10.2473 ng/ml
Phentermine	3.797	5627	39.06	7.0	285.85	81011	9.8144 ng/ml
Promethazine	5.552	75834	128759.04	28.7	1143.86	350660	9.9525 ng/ml
Pseudoephedrine	2.596	91248	4493.88	15.6	2317.45	468816	9.9143 ng/ml
Quetiapine	5.521	43992	102370.92	52.3	32061.96	58120	10.3865 ng/ml
Sertraline	5.789	2230	62.94	101.3	14765.09	11016	10.0863 ng/ml
Temazepam	5.823	33378	322.78	28.8	311.27	171357	9.9207 ng/ml
Tramadol	4.259	141410	6738.76	3.2	108.30	666101	10.1542 ng/ml
Trazodone	5.034	63291	1703.55	74.5	122388.94	270042	10.5491 ng/ml
Venlafaxine	5.050	99192	1613.46	39.5	579.45	583253	9.8812 ng/ml
Zolpidem	4.819	144309	2499.18	32.0	1977.64	586894	10.0719 ng/ml

AM #28 Multi-Drug Quant. Results

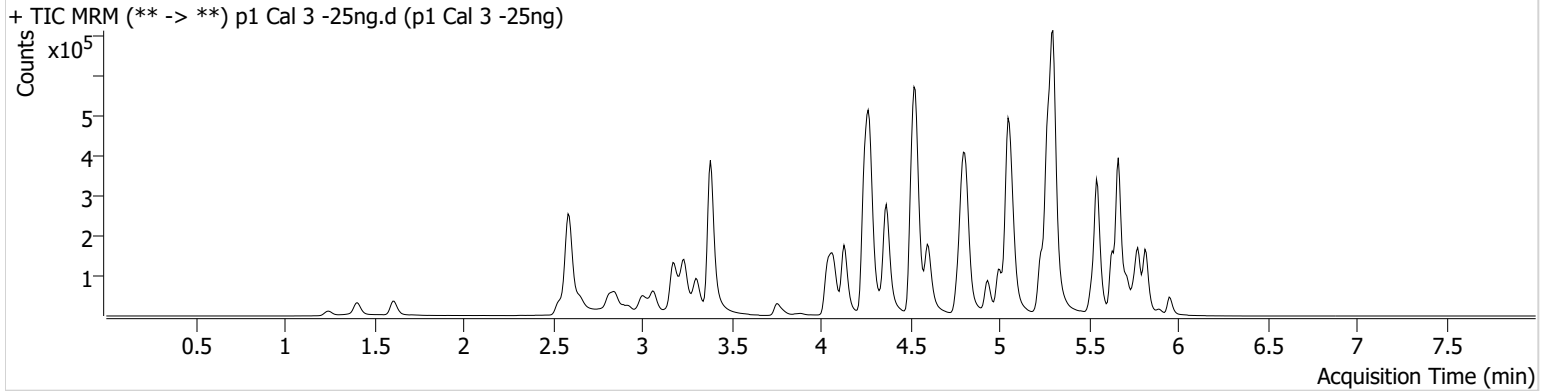
SC



Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 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-C1	Comment	
Injection Volume	2		
Acq. Date-Time	12/16/2021 9:56:38 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	1522	218.27	66.5	1894.44	15963	2.7029 ng/ml
7-aminoclonazepam	4.258	26374	100.32	80.3	703.90	42280	27.2916 ng/ml
a-hydroxyalprazolam	5.699	8087	376.25	78.3	273.94	150933	24.0103 ng/ml
alpha-PHP	4.937	54773	12501.75	279.9	5544.77	395741	24.2849 ng/ml
alpha-PVP	4.376	222427	2054.43	47.7	1035.03	395741	24.5394 ng/ml
Alprazolam	5.775	64936	947.47	128.5	618.10	150933	22.1241 ng/ml
Amphetamine	3.069	86538	150.37	50.2	1002.41	42223	26.4875 ng/ml
Benzoylecgonine	3.892	4088	1361.55	8.3	67.06	5244	24.3427 ng/ml
Buprenorphine	5.663	2060	4227.30	15.5	792.53	27222	2.5826 ng/ml
Bupropion	4.788	155241	273297.43	66.0	20440.32	209837	26.1395 ng/ml
Carisoprodol	5.730	3886	17503.99	48.9	40.56	5776	25.0749 ng/ml
Citalopram	5.232	109932	495.31	35.1	150207.28	201287	23.9566 ng/ml
Clonazepam	5.618	1628	137.80	41.2	542.41	833	22.4597 ng/ml
Clonazepam	5.555	41230	57836.01	28.0	22668.21	833	23.5619 ng/ml
Cocaine	4.271	178429	263.07	52.7	512625.10	519855	26.2686 ng/ml
Codeine	2.587	10223	24293.90	114.0	21233.97	21521	25.2540 ng/ml
Cyclobenzaprine	5.635	104074	18252.59	9.0	6715.19	213752	23.2319 ng/ml
Dextromethorphan	5.282	96566	96562.90	82.2	274.54	179719	25.5932 ng/ml
Dextrophan	4.132	55354	22634.68	215.6	518.49	249427	24.8608 ng/ml
Diazepam	5.960	24287	735.05	93.0	483.46	47438	25.4698 ng/ml
Dihydrocodeine	2.565	35165	2508.28	56.1	136.00	88020	26.2595 ng/ml
Diphenhydramine	5.303	413113	21611.40	28.1	113889.80	914145	24.5362 ng/ml
Doxylamine	4.529	504932	767717.93	104.9	3385.33	923506	24.4351 ng/ml
EDDP	5.275	223424	674.46	42.1	1249.41	517444	24.7566 ng/ml
Etizolam	5.820	37855	81579.83	27.0	15870.56	833	22.9395 ng/ml
Fentanyl	5.089	9034	987.32	107.7	50300.63	267888	2.3110 ng/ml
Flualprazolam	5.712	30885	5952.51	85.2	18310.89	150933	25.1952 ng/ml
Fluoxetine	5.721	23594	108930.49	8.5	49.33	34813	23.7562 ng/ml
Hydrocodone	3.032	46013	91.25	28.7	94.83	104846	25.3183 ng/ml
Hydromorphone	1.615	40216	207836.17	71.6	222.33	52166	25.3209 ng/ml
Ketamine	4.051	129822	4309.72	41.9	511.53	224443	25.4025 ng/ml
Lamotrigine	4.287	7445	2085.74	83.5	577.19	224443	26.4271 ng/ml
Levetiracetam	2.656	25493	614.84	129.7	665.18	504381	24.2789 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	25521	41469.25	51.0	521.76	833	24.4257 ng/ml
MDA	3.209	48387	2037.68	26.8	228.83	56766	26.4266 ng/ml
MDMA	3.310	99066	2922.76	87.5	1422.80	52546	25.0438 ng/ml
Meprobamate	4.911	2082	23.21	28.7	1303.22	4878	25.4944 ng/ml
Methadone	5.666	235834	22148.87	55.3	398.22	427468	22.7786 ng/ml
Methamphetamine	3.238	246375	358.16	39.6	4605.55	374161	26.6909 ng/ml
Metoprolol	4.340	19872	25696.05	79.5	3156.11	691326	26.5235 ng/ml
Mirtazapine	4.604	268834	312330.94	45.5	1649.06	395741	24.7408 ng/ml
Mitragynine	5.216	43469	2005.37	32.1	24869.71	427468	23.8844 ng/ml
Morphine	1.253	8194	1446.55	22.4	313.49	7222	25.6465 ng/ml
Norbuprenorphine	5.013	88	272.64	101.5	142.95	1201	2.6885 ng/ml
Nordiazepam	5.900	5827	232.98	61.1	181.19	8393	25.2265 ng/ml
Norfentanyl	4.099	14117	856.57	32.4	112.85	259534	2.4338 ng/ml
Norhydrocodone	3.080	4091	45.61	33.7	39.17	19556	24.0278 ng/ml
Noroxycodone	2.930	27576	180.07	49.4	147.63	35102	24.2015 ng/ml
O-desmethyl-tramadol	3.389	303908	6807.44	5.7	3934.91	729956	24.7032 ng/ml
Oxazepam	5.756	23220	431.29	66.6	126.95	39219	25.2470 ng/ml
Oxycodone	2.848	115687	1735.37	28.4	554.03	146336	25.8954 ng/ml
Oxymorphone	1.405	40246	380.25	46.4	374.08	50685	24.4798 ng/ml
Phentermine	3.797	15699	244.34	5.4	16.35	85572	26.7311 ng/ml
Promethazine	5.545	215040	45308.97	29.6	257.07	400931	24.1186 ng/ml
Pseudoephedrine	2.596	243354	7727.34	16.3	40960.22	504381	24.0337 ng/ml
Quetiapine	5.521	116525	12998.80	52.3	123538.10	61514	27.3898 ng/ml
Sertraline	5.789	7646	342.56	107.0	21326.09	14201	25.1523 ng/ml
Temazepam	5.823	83285	6382.45	26.9	461.27	168510	25.8802 ng/ml
Tramadol	4.259	361225	44336.76	3.3	205.27	691326	26.0655 ng/ml
Trazodone	5.034	162833	210410.69	75.6	5761.67	290145	26.1689 ng/ml
Venlafaxine	5.050	262507	632.55	39.0	1612.54	619223	24.3208 ng/ml
Zolpidem	4.819	374271	1097924.35	32.0	304.93	612365	25.3014 ng/ml

SC

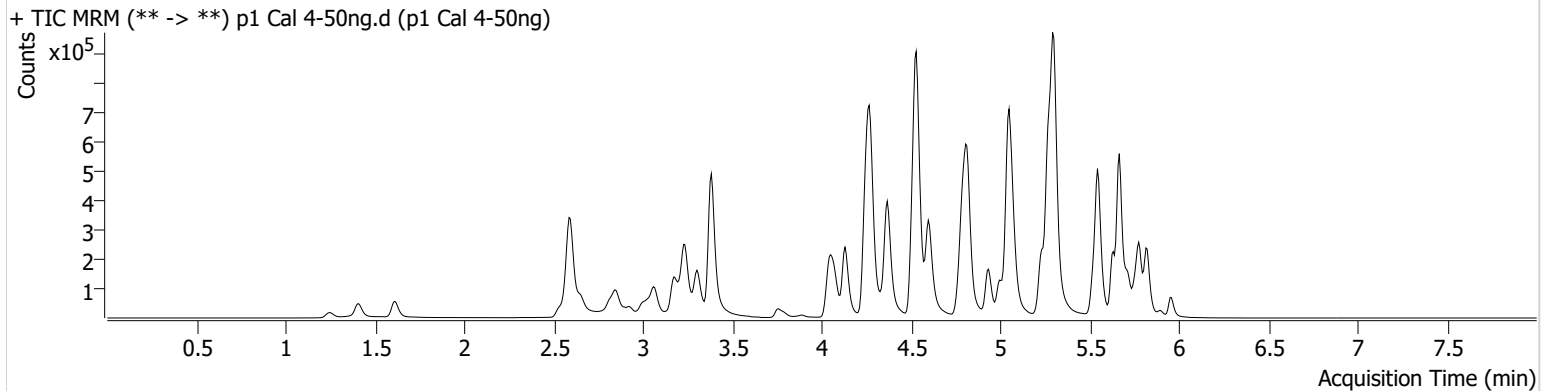


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 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-D1	Comment	
Injection Volume	2		
Acq. Date-Time	12/16/2021 10:07:14 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	2765	588.30	75.9	3542.51	15981	4.8217 ng/ml
7-aminoclonazepam	4.258	53248	330.56	81.1	129.25	44455	53.0130 ng/ml
a-hydroxyalprazolam	5.699	16499	318.08	77.4	225.12	145456	50.8172 ng/ml
alpha-PHP	4.937	105634	22631.13	277.3	12746.42	380925	48.3703 ng/ml
alpha-PVP	4.370	431376	17577.40	48.2	9641.41	380925	49.3222 ng/ml
Alprazolam	5.775	127626	∞	132.5	14026.27	145456	43.6839 ng/ml
Amphetamine	3.069	161725	5450.88	49.6	1217.30	39904	53.4484 ng/ml
Benzoylecgonine	3.886	8390	∞	7.4	121.21	5588	47.3243 ng/ml
Buprenorphine	5.656	3375	8396.42	19.2	1630.84	25693	4.6471 ng/ml
Bupropion	4.788	297066	407.54	64.9	47884.26	206796	51.0815 ng/ml
Carisoprodol	5.724	7480	588.80	50.2	2230.07	5275	52.8493 ng/ml
Citalopram	5.232	213986	1607.90	35.7	93701.82	193469	47.9819 ng/ml
Clonazepam	5.612	3381	12716.25	34.8	3576.42	678	58.3319 ng/ml
Clonazepam	5.555	81614	148560.47	29.2	40983.73	678	58.6351 ng/ml
Cocaine	4.271	340835	432.51	51.5	272.68	512156	51.3178 ng/ml
Codeine	2.587	21163	30842.88	103.0	271.51	21646	52.1341 ng/ml
Cyclobenzaprine	5.635	212919	419005.73	9.5	74095.47	223683	44.6228 ng/ml
Dextromethorphan	5.275	190564	478848.65	81.3	18347.43	180024	50.8314 ng/ml
Dextrophan	4.132	106606	13999.50	214.5	1168.39	241245	49.6396 ng/ml
Diazepam	5.960	49778	3942.09	88.3	1587.42	48582	50.9296 ng/ml
Dihydrocodeine	2.565	68477	2871.20	56.2	2400.28	85885	52.7555 ng/ml
Diphenhydramine	5.303	818084	64536.10	28.3	18981.53	895416	49.3089 ng/ml
Doxylamine	4.529	972664	107529.55	104.7	13111.81	887275	48.6792 ng/ml
EDDP	5.268	411401	272.24	41.9	575.42	468579	50.1650 ng/ml
Etizolam	5.820	73794	13084.92	27.3	41295.13	678	55.7064 ng/ml
Fentanyl	5.089	18097	60913.54	112.1	29343.71	271091	4.5492 ng/ml
Flualprazolam	5.705	61738	24027.44	89.0	127036.58	145456	52.6283 ng/ml
Fluoxetine	5.721	49987	153751.36	8.7	∞	35868	48.6817 ng/ml
Hydrocodone	3.032	88941	∞	28.4	194.30	99817	51.6044 ng/ml
Hydromorphone	1.615	75046	119818.86	71.2	388.44	49426	49.9343 ng/ml
Ketamine	4.051	248972	677.84	42.4	471.75	217187	50.8386 ng/ml
Lamotrigine	4.287	14375	572.82	84.6	202.65	217187	53.3810 ng/ml
Levetiracetam	2.656	48320	2612.17	135.0	3598.94	479232	48.3901 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	48218	2852.70	53.8	742.18	678	57.2367 ng/ml
MDA	3.209	91433	923.42	27.4	447.79	55487	51.8616 ng/ml
MDMA	3.303	188029	164443.10	89.4	2661.31	50690	49.0494 ng/ml
Meprobamate	4.911	4305	97.86	26.7	59.12	4821	54.4592 ng/ml
Methadone	5.666	466317	1292.12	53.9	31851.64	408966	45.1430 ng/ml
Methamphetamine	3.238	471534	772.55	39.0	622.07	365554	54.1839 ng/ml
Metoprolol	4.340	37068	2103.42	82.7	203.47	680879	50.6914 ng/ml
Mirtazapine	4.597	515130	24444.08	46.7	4698.61	380925	49.2626 ng/ml
Mitragynine	5.216	82218	27778.50	30.8	484.63	408966	45.3851 ng/ml
Morphine	1.253	14244	2684.44	25.4	1077683.50	7015	45.8581 ng/ml
Norbuprenorphine	5.006	141	249.14	98.6	446.90	1341	4.3757 ng/ml
Nordiazepam	5.900	11998	598.83	58.7	26501.97	8929	48.7054 ng/ml
Norfentanyl	4.093	27798	53166.58	33.0	415.62	251594	4.9382 ng/ml
Norhydrocodone	3.080	7616	81.75	33.3	72.96	18877	45.3258 ng/ml
Noroxycodone	2.923	52376	139.40	48.0	263.92	31707	51.8777 ng/ml
O-desmethyl-tramadol	3.383	579838	26678.87	5.8	6038.53	705723	48.7482 ng/ml
Oxazepam	5.756	42858	1849.33	73.2	1181.06	38248	47.7608 ng/ml
Oxycodone	2.848	217975	3254.55	28.0	819.33	141445	50.7580 ng/ml
Oxymorphone	1.405	75895	195.82	47.0	∞	47043	50.1620 ng/ml
Phentermine	3.790	29666	71.40	6.0	68.21	82872	52.6284 ng/ml
Promethazine	5.545	428036	1646.73	29.8	1121.47	406412	46.9927 ng/ml
Pseudoephedrine	2.596	466191	∞	16.4	14790.99	479232	48.0843 ng/ml
Quetiapine	5.521	227464	294.00	52.2	434.61	62574	53.4152 ng/ml
Sertraline	5.789	16947	20526.66	100.9	1358.53	15785	49.1533 ng/ml
Temazepam	5.823	160874	625.86	28.0	1454.81	167277	50.7941 ng/ml
Tramadol	4.259	693544	17247.40	3.3	1011.66	680879	51.5104 ng/ml
Trazodone	5.034	325235	768719.99	75.7	898651.82	291997	52.5791 ng/ml
Venlafaxine	5.050	521259	3621.52	38.4	12993.36	597405	49.8377 ng/ml
Zolpidem	4.819	737798	4380.13	31.8	2592.18	614056	49.9123 ng/ml

SC

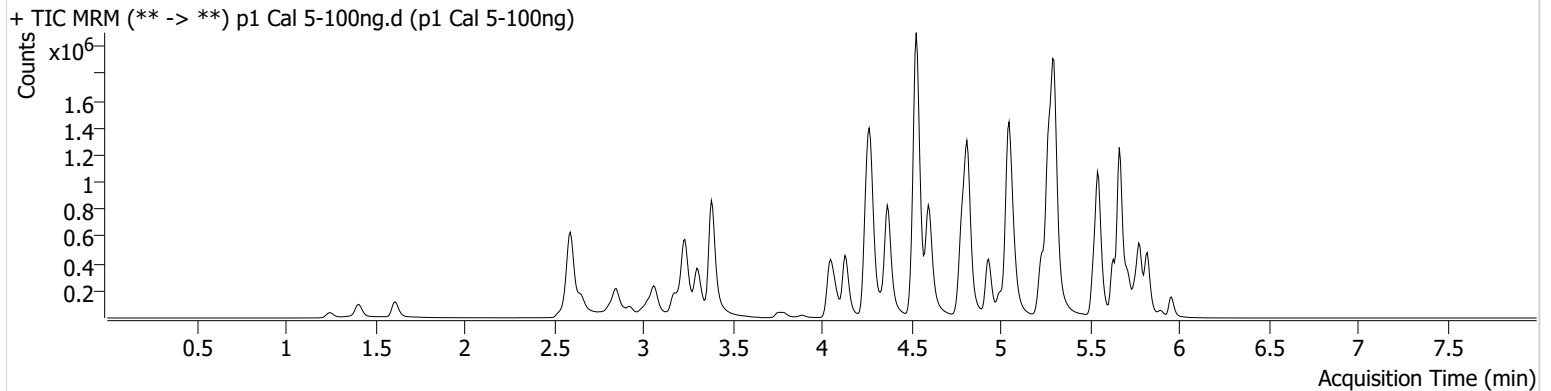


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 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-E1 **Comment**
Injection Volume 2
Acq. Date-Time 12/16/2021 10:17:50 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	6929	369.27	73.5	269.80	19643	9.7247 ng/ml
7-aminoclonazepam	4.258	127685	483.43	82.0	1983.95	56174	101.1923 ng/ml
a-hydroxyalprazolam	5.699	40536	210.70	78.7	335.65	182155	99.6898 ng/ml
alpha-PHP	4.937	281150	907.92	280.0	219577.50	487281	100.3323 ng/ml
alpha-PVP	4.370	1105633	142689.36	49.2	12198.59	487281	98.7036 ng/ml
Alprazolam	5.782	354993	808.17	126.3	5456.90	182155	95.3404 ng/ml
Amphetamine	3.069	402423	25496.15	48.7	8889.77	51566	103.9305 ng/ml
Benzoylcegonine	3.892	21314	1861.49	7.9	966.15	6558	102.9875 ng/ml
Buprenorphine	5.656	9865	18783.52	16.2	2979.00	35985	9.9414 ng/ml
Bupropion	4.788	772454	847310.52	66.1	1875.94	274614	100.3553 ng/ml
Carisoprodol	5.730	19251	25806.54	53.1	152.41	7010	102.3387 ng/ml
Citalopram	5.232	536196	2333.88	35.1	13182.12	235481	98.2291 ng/ml
Clonazepam	5.612	9529	894.73	34.9	2207.62	974	115.0734 ng/ml
Clonazepam	5.555	186145	538942.22	29.7	95286.10	974	93.6423 ng/ml
Cocaine	4.271	818285	75204.95	53.5	379943.73	636316	99.5473 ng/ml
Codeine	2.587	50976	5876.88	105.5	5947.12	25771	105.6217 ng/ml
Cyclobenzaprine	5.635	549169	26547.10	8.7	499.99	272006	93.7121 ng/ml
Dextromethorphan	5.282	475132	49578.72	80.8	590.91	234840	97.5406 ng/ml
Dextrophan	4.132	262879	15150.74	218.0	1323182.44	304448	97.1255 ng/ml
Diazepam	5.960	132851	34463.45	90.2	1487.23	65670	100.5122 ng/ml
Dihydrocodeine	2.565	169137	276.38	57.3	698.88	107768	104.1865 ng/ml
Diphenhydramine	5.303	2077562	2404.59	29.1	6336.78	1135028	98.4960 ng/ml
Doxylamine	4.529	2531012	20485.62	102.9	8604.06	1121123	99.9193 ng/ml
EDDP	5.268	1119670	48446.75	42.7	411.91	657432	97.1514 ng/ml
Etizolam	5.820	192250	528391.81	28.8	143991.98	974	101.4729 ng/ml
Fentanyl	5.089	50992	207095.07	108.2	4206.46	354587	9.7701 ng/ml
Flualprazolam	5.712	149806	8891.60	92.3	51372.01	182155	102.2958 ng/ml
Fluoxetine	5.721	105740	213405.17	8.8	199.69	38532	95.7067 ng/ml
Hydrocodone	3.032	221700	633.76	28.8	424.20	125588	102.4272 ng/ml
Hydromorphone	1.615	171052	1648.63	79.8	5522.09	60898	92.4299 ng/ml
Ketamine	4.051	629230	3207.12	41.1	18028.53	274624	102.1156 ng/ml
Lamotrigine	4.287	33348	1224.87	87.4	7985.84	274624	98.4806 ng/ml
Levetiracetam	2.656	119272	6587.42	135.5	556.81	578931	98.8305 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	113881	7016.05	49.9	1265.91	974	94.3648 ng/ml
MDA	3.209	224160	1612.01	27.0	895.64	68359	104.0243 ng/ml
MDMA	3.303	465888	4099.56	89.4	11071.14	61524	99.8888 ng/ml
Meprobamate	4.911	10506	35.47	28.4	786.53	6056	106.7577 ng/ml
Methadone	5.666	1320314	43388.73	54.3	10316.73	561965	91.0937 ng/ml
Methamphetamine	3.238	1165984	16297.44	38.6	21339.05	464016	107.4287 ng/ml
Metoprolol	4.340	95052	618002.46	84.3	3004.49	865731	102.7493 ng/ml
Mirtazapine	4.597	1336411	66475.89	45.5	21387.34	487281	99.9198 ng/ml
Mitragynine	5.216	240577	506473.67	32.7	127051.21	561965	94.5249 ng/ml
Morphine	1.253	37289	624.05	23.1	308.44	8474	99.3303 ng/ml
Norbuprenorphine	5.006	341	547.03	97.4	326.84	1713	9.3437 ng/ml
Nordiazepam	5.900	33024	11086.91	62.1	1347.63	12210	97.9174 ng/ml
Norfentanyl	4.099	68313	∞	31.5	1014.85	316372	9.6456 ng/ml
Norhydrocodone	3.080	19228	59.55	34.2	107.17	22659	94.1195 ng/ml
Noroxycodone	2.923	130778	227.59	47.1	304.03	41245	100.4052 ng/ml
O-desmethyl-tramadol	3.389	1424417	23540.25	6.0	656.19	857971	98.5007 ng/ml
Oxazepam	5.756	103460	373.80	75.4	929.41	45964	95.9144 ng/ml
Oxycodone	2.848	551129	8007.22	28.9	260.85	178391	102.0529 ng/ml
Oxymorphone	1.411	194235	292.00	44.4	∞	58994	102.8009 ng/ml
Phentermine	3.797	75354	148.10	5.7	269.76	108607	102.4667 ng/ml
Promethazine	5.545	1146403	1577.06	30.0	1677.86	521621	97.6468 ng/ml
Pseudoephedrine	2.596	1157741	61523.58	16.1	113.09	578931	98.4611 ng/ml
Quetiapine	5.521	584792	44776.18	54.2	391075.13	81599	106.2115 ng/ml
Sertraline	5.789	31833	2565.62	101.5	776.20	14986	96.2681 ng/ml
Temazepam	5.823	392491	35428.24	28.2	278.11	203006	102.5791 ng/ml
Tramadol	4.259	1705192	242447.44	3.4	1910.30	865731	100.2909 ng/ml
Trazodone	5.034	821778	71460.79	76.8	127676.59	393845	99.0662 ng/ml
Venlafaxine	5.050	1323090	49543.02	38.0	302.40	777044	97.0586 ng/ml
Zolpidem	4.819	1935414	12026.95	30.6	117091.17	797930	100.9424 ng/ml

AM #28 Multi-Drug Quant. Results

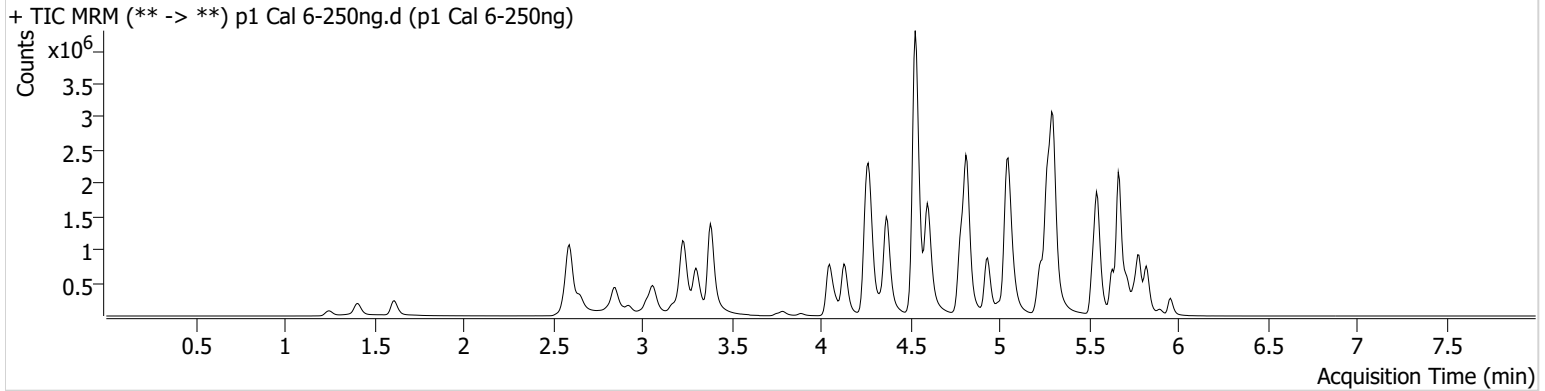
SC



Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 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-F1	Comment	
Injection Volume	2		
Acq. Date-Time	12/16/2021 10:28:26 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	15359	45102.00	73.4	8425.28	16692	25.2016 ng/ml
7-aminoclonazepam	4.258	211718	109.19	80.8	124.86	38617	244.9999 ng/ml
a-hydroxyalprazolam	5.699	77492	1577.68	77.9	1447.03	129539	267.9636 ng/ml
alpha-PHP	4.937	591060	8887.01	272.7	153271.74	404510	253.6502 ng/ml
alpha-PVP	4.370	2323195	33036.20	49.8	11204.38	404510	249.6553 ng/ml
Alprazolam	5.782	693154	2006.32	123.0	2095.09	129539	259.3631 ng/ml
Amphetamine	3.063	821767	306.84	48.5	18206.93	43157	255.1605 ng/ml
Benzoylcegonine	3.886	41555	63276.28	7.0	151.50	5340	247.2563 ng/ml
Buprenorphine	5.656	18469	34743.07	15.3	325.52	26556	25.5637 ng/ml
Bupropion	4.788	1607049	439727.89	65.6	70205.70	228050	251.9346 ng/ml
Carisoprodol	5.730	37564	252.85	54.7	912.07	5760	242.9970 ng/ml
Citalopram	5.232	1041573	1068.94	35.7	2514.78	177140	252.8311 ng/ml
Clonazepam	5.612	18730	697.65	33.8	18701.87	988	223.5631 ng/ml
Clonazepam	5.555	317454	652921.49	31.5	98213.43	988	158.0451 ng/ml
Cocaine	4.271	1627245	110267.72	54.1	2359.86	507946	248.6011 ng/ml
Codeine	2.587	105981	145.72	101.9	156.50	21810	259.6958 ng/ml
Cyclobenzaprine	5.635	1132488	42478.92	8.4	36869.00	207029	252.4807 ng/ml
Dextromethorphan	5.275	926742	584.98	80.0	64611.05	177103	252.9472 ng/ml
Dextrophan	4.132	550115	14383.44	217.1	54241.37	249262	248.4625 ng/ml
Diazepam	5.960	259062	7010.69	90.9	327.50	51542	249.6606 ng/ml
Dihydrocodeine	2.565	362234	185.88	57.6	236.43	91986	261.9444 ng/ml
Diphenhydramine	5.303	4103463	300320.36	29.3	429172.89	883570	249.4629 ng/ml
Doxylamine	4.529	5649624	222192.58	100.0	109069.37	964351	258.7979 ng/ml
EDDP	5.268	2246492	3938.55	44.2	91890.29	520790	245.8078 ng/ml
Etizolam	5.820	369241	13556.73	28.5	263756.23	988	192.5909 ng/ml
Fentanyl	5.089	106947	7190.84	105.6	497897.98	275593	26.3206 ng/ml
Flualprazolam	5.712	263598	7976.70	98.0	17259.69	129539	253.6159 ng/ml
Fluoxetine	5.727	203374	17996.64	8.8	39474.40	28621	247.5686 ng/ml
Hydrocodone	3.025	474858	∞	30.0	314.79	109815	251.1812 ng/ml
Hydromorphone	1.615	401146	7021.60	73.9	3426386.10	50622	260.8843 ng/ml
Ketamine	4.051	1339152	40404.30	41.0	684.66	237056	252.5057 ng/ml
Lamotrigine	4.287	64844	338.58	86.2	4945.39	237056	222.6599 ng/ml
Levetiracetam	2.656	234879	1479.28	137.3	24877.57	472425	238.4390 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	208869	13676.74	49.6	2466.26	988	170.9251 ng/ml
MDA	3.209	440159	563.52	27.1	927.89	55959	250.6865 ng/ml
MDMA	3.303	957970	89871.98	91.1	2368.98	50951	247.6743 ng/ml
Meprobamate	4.911	21330	125.37	27.0	26727.21	4991	264.4958 ng/ml
Methadone	5.666	2743731	5014059.31	52.5	34544.39	437863	239.9298 ng/ml
Methamphetamine	3.238	2415148	41392.40	38.5	27134.31	404848	257.7615 ng/ml
Metoprolol	4.340	190465	441475.52	85.0	3766.34	731845	244.2533 ng/ml
Mirtazapine	4.597	2766801	8047.48	45.6	3094.53	404510	249.2121 ng/ml
Mitragynine	5.216	475236	4158.07	33.1	330004.69	437863	236.7655 ng/ml
Morphine	1.253	84483	193.18	22.1	52.55	7088	268.9514 ng/ml
Norbuprenorphine	5.006	653	780.93	110.4	1074.84	1332	24.7864 ng/ml
Nordiazepam	5.900	69597	1750.59	58.6	3369.93	10236	245.9619 ng/ml
Norfentanyl	4.099	152771	179617.99	32.0	3677.41	265516	25.6934 ng/ml
Norhydrocodone	3.080	45577	∞	34.1	57.57	18362	273.1921 ng/ml
Noroxycodone	2.923	270981	821.18	46.2	7407.27	34186	252.3538 ng/ml
O-desmethyl-tramadol	3.383	2993609	153769.70	6.0	444.87	708803	250.5750 ng/ml
Oxazepam	5.763	188064	476.55	74.8	2861.28	31932	250.9279 ng/ml
Oxycodone	2.848	1208876	10443.58	28.6	7771.14	159893	250.1710 ng/ml
Oxymorphone	1.405	398841	804.07	46.8	∞	50612	246.6276 ng/ml
Phentermine	3.790	162935	364.52	5.7	704.82	92941	259.6614 ng/ml
Promethazine	5.545	2353343	75495.23	30.4	1254.71	418989	248.9565 ng/ml
Pseudoephedrine	2.596	2362600	46987.16	16.4	28320.09	472425	245.6767 ng/ml
Quetiapine	5.521	1156679	32620.14	56.7	30751.53	68379	251.9596 ng/ml
Sertraline	5.789	65026	487.60	102.7	68253.05	12100	242.0063 ng/ml
Temazepam	5.823	709140	9017.86	27.2	7267.46	148955	253.2639 ng/ml
Tramadol	4.259	3471716	14322.03	3.4	887.23	731845	242.5788 ng/ml
Trazodone	5.034	1542678	815.12	77.1	84864.41	328362	223.8739 ng/ml
Venlafaxine	5.050	2715889	1243.42	37.4	26321.30	624480	247.5814 ng/ml
Zolpidem	4.819	4055620	10193.82	29.8	12682.01	664871	254.1256 ng/ml

SC

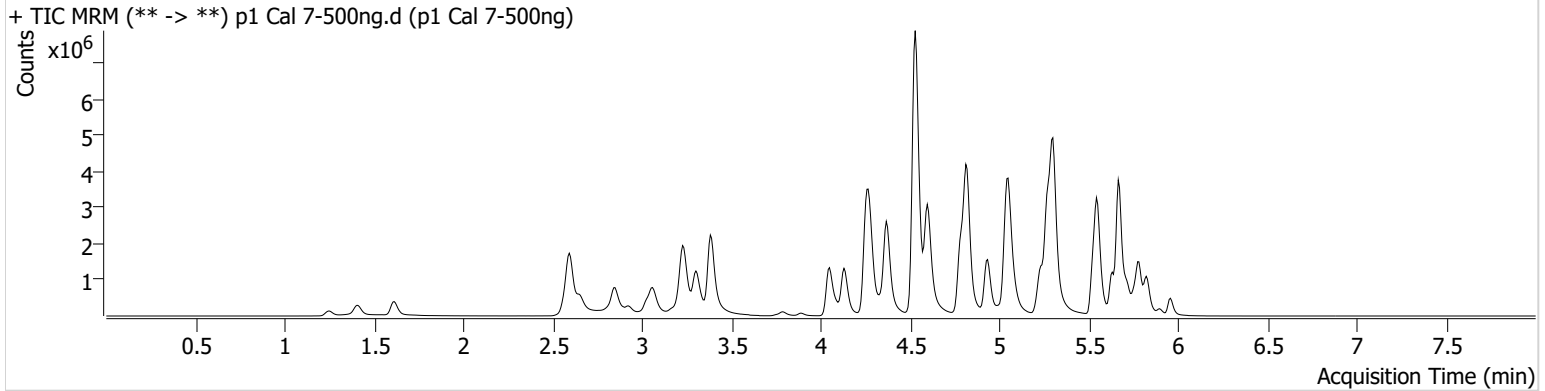


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 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-G1	Comment	
Injection Volume	2		
Acq. Date-Time	12/16/2021 10:39:03 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	30581	785.56	71.2	1220.43	17392	48.0651 ng/ml
7-aminoclonazepam	4.258	321924	3903.56	80.2	3465.49	34363	419.1179 ng/ml
a-hydroxyalprazolam	5.699	123873	223.14	76.2	379.57	107887	514.3041 ng/ml
alpha-PHP	4.937	1093581	103000.16	268.8	197203.83	372008	510.0185 ng/ml
alpha-PVP	4.370	4325602	60933.90	50.0	95854.65	372008	505.3289 ng/ml
Alprazolam	5.782	1253440	1005.74	119.0	2453.28	107887	561.5170 ng/ml
Amphetamine	3.063	1408265	368.81	48.7	508.23	40942	461.8026 ng/ml
Benzoylcegonine	3.886	92846	16664.30	8.1	1712.12	5937	497.4108 ng/ml
Buprenorphine	5.656	28264	82032.19	14.8	1106.70	20126	51.8480 ng/ml
Bupropion	4.788	3018200	146753.89	65.6	144807.68	220572	489.5258 ng/ml
Carisoprodol	5.730	67281	85618.09	55.4	331.72	5092	492.3786 ng/ml
Citalopram	5.232	1818958	17509.36	36.6	23895.99	153412	509.2940 ng/ml
Clonazepam	5.612	39435	1278.40	36.3	33295.75	1020	456.6869 ng/ml
Clonazepam	5.562	478733	856129.66	31.1	295462.36	1020	231.3337 ng/ml
Cocaine	4.271	2737370	108628.76	53.9	504.38	436803	486.7047 ng/ml
Codeine	2.587	174452	134.90	104.9	85598.44	19617	475.3670 ng/ml
Cyclobenzaprine	5.635	2156207	157913.12	7.7	5561.28	185278	536.2075 ng/ml
Dextromethorphan	5.275	1645878	35193.38	78.7	71198.90	161068	494.3569 ng/ml
Dextrophan	4.132	998952	80747.25	219.3	1066.54	222930	504.6156 ng/ml
Diazepam	5.960	513054	6384.36	91.4	4671.79	51092	498.7536 ng/ml
Dihydrocodeine	2.565	662481	395.91	59.3	16846.56	91392	482.4702 ng/ml
Diphenhydramine	5.303	7527907	329142.73	29.1	3173.24	794016	508.9600 ng/ml
Doxylamine	4.529	10845174	141787.43	99.8	18820.94	902571	530.4735 ng/ml
EDDP	5.268	3516639	110581.17	42.9	111359.43	399504	501.4275 ng/ml
Etizolam	5.820	655197	3444.43	28.4	1535.02	1020	331.4785 ng/ml
Fentanyl	5.089	220422	634129.21	105.0	293366.72	264894	56.4093 ng/ml
Flualprazolam	5.712	427875	31137.93	101.6	10086.30	107887	494.6164 ng/ml
Fluoxetine	5.727	349274	365.16	8.2	24957.50	23183	524.7353 ng/ml
Hydrocodone	3.025	919092	∞	30.9	113.77	106753	500.2981 ng/ml
Hydromorphone	1.615	752029	7060.15	72.7	2032425.83	48801	507.3883 ng/ml
Ketamine	4.051	2512235	187526.20	40.1	16600.53	228799	491.2667 ng/ml
Lamotrigine	4.287	100008	2989.15	89.1	642.00	228799	356.1883 ng/ml
Levetiracetam	2.656	456100	28419.33	137.3	2225.66	409063	534.6791 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	330118	148478.77	48.5	2560.12	1020	261.9388 ng/ml
MDA	3.209	750583	758.42	26.7	3246.56	50138	477.8639 ng/ml
MDMA	3.303	1730468	85318.36	91.0	3430.24	45700	498.5635 ng/ml
Meprobamate	4.911	37702	1442.69	27.9	106.29	4944	472.7653 ng/ml
Methadone	5.666	5213335	73461.58	50.9	95804.70	401203	495.5963 ng/ml
Methamphetamine	3.231	4403323	587.34	37.9	96339.04	397658	480.1453 ng/ml
Metoprolol	4.340	336927	878430.16	87.1	4404.36	627607	504.3834 ng/ml
Mirtazapine	4.597	5148208	209482.88	45.0	93749.76	372008	504.2370 ng/ml
Mitragynine	5.216	847512	2231352.24	33.9	332492.33	401203	459.0401 ng/ml
Morphine	1.247	150183	713.95	22.8	575.79	6722	504.1315 ng/ml
Norbuprenorphine	5.006	1435	2169.48	93.2	134.92	1418	52.4324 ng/ml
Nordiazepam	5.900	144336	349883.47	59.8	587.37	10377	503.0107 ng/ml
Norfentanyl	4.093	281441	286.36	32.3	4888.60	247445	50.7848 ng/ml
Norhydrocodone	3.080	90962	211.98	34.6	59.20	17823	560.5654 ng/ml
Noroxycodone	2.923	484166	957.12	47.4	2814.86	30528	505.7948 ng/ml
O-desmethyl-tramadol	3.383	5499869	∞	6.0	5424.07	642729	507.6806 ng/ml
Oxazepam	5.756	294280	10798.93	74.2	16009.31	24533	511.0259 ng/ml
Oxycodone	2.848	2288978	3639.81	29.0	1391.01	156263	484.9726 ng/ml
Oxymorphone	1.405	741900	522.51	41.4	982.15	43084	539.4029 ng/ml
Phentermine	3.790	292089	∞	5.6	118.84	91609	472.6601 ng/ml
Promethazine	5.552	4563891	2268.17	30.0	10566.67	390715	517.3334 ng/ml
Pseudoephedrine	2.596	4210892	100457.45	16.4	44779.51	409063	505.3092 ng/ml
Quetiapine	5.521	2099445	411145.01	58.3	6156.09	67052	467.1609 ng/ml
Sertraline	5.789	106408	58086.48	98.8	3866.61	9690	493.4903 ng/ml
Temazepam	5.830	1074108	60395.28	28.2	518.93	115051	497.0928 ng/ml
Tramadol	4.252	6201233	1092.16	3.4	985.94	627607	506.0594 ng/ml
Trazodone	5.034	2638997	93936.29	78.0	151444.01	341477	368.6846 ng/ml
Venlafaxine	5.050	4904243	∞	36.6	1481.28	543695	513.2775 ng/ml
Zolpidem	4.819	7584519	38227.69	28.9	12750.79	632167	500.0061 ng/ml

SC

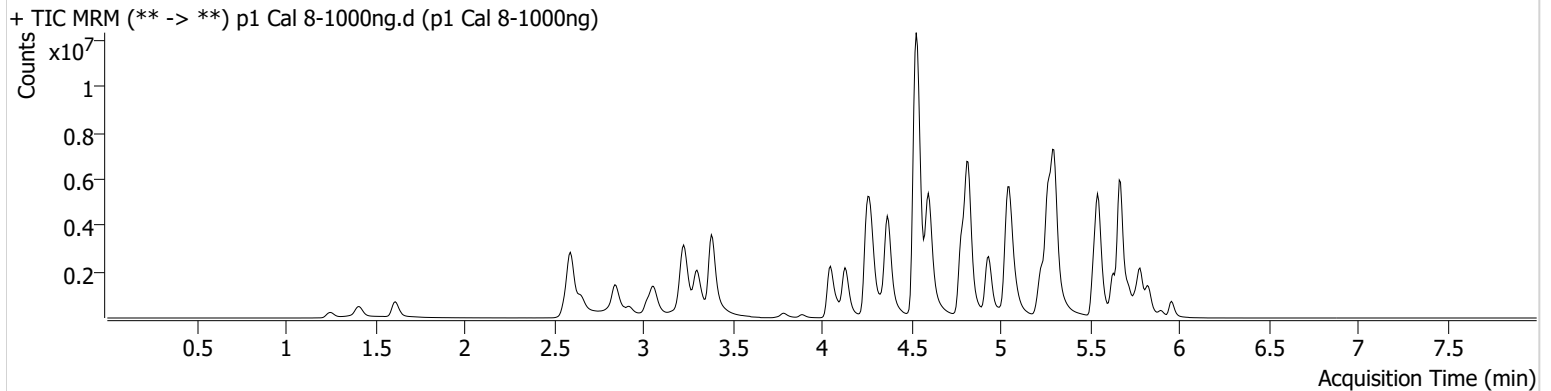


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\121621 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 12/22/2021 8:04:15 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-H1	Comment	
Injection Volume	2		
Acq. Date-Time	12/16/2021 10:49:44 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	61723	712.95	71.6	177817.20	16971	99.3055 ng/ml
7-aminoclonazepam	4.258	389614	2480.24	81.4	2960.89	26193	665.8475 ng/ml
a-hydroxyalprazolam	5.699	166202	1217.48	77.3	305.76	78536	947.9212 ng/ml
alpha-PHP	4.937	1948682	92011.96	271.6	175641.65	330303	1023.2793 ng/ml
alpha-PVP	4.370	7861469	529126.80	50.1	1508.96	330303	1034.2347 ng/ml
Alprazolam	5.782	1837783	846.21	116.8	2683.51	78536	1129.5716 ng/ml
Amphetamine	3.063	2450664	28720.53	48.2	613.93	37247	884.3585 ng/ml
Benzoylcegonine	3.892	169659	256883.78	7.7	30543.22	5370	1005.4009 ng/ml
Buprenorphine	5.656	40533	103665.79	15.1	1880.98	15241	98.3871 ng/ml
Bupropion	4.788	5367313	108919.92	64.9	96177.99	204791	937.9309 ng/ml
Carisoprodol	5.730	109248	19892.39	54.8	118.54	4030	1010.0497 ng/ml
Citalopram	5.232	2805966	749105.22	37.4	23559.81	114433	1052.7088 ng/ml
Clonazepam	5.612	67322	468.55	34.2	92110.61	796	999.9276 ng/ml
Clonazepam	5.562	613263	839.36	32.8	345474.94	796	380.3729 ng/ml
Cocaine	4.277	4463099	674.42	54.2	553.36	359510	964.5499 ng/ml
Codeine	2.587	295427	16390.66	101.1	4867.60	17190	918.8215 ng/ml
Cyclobenzaprine	5.635	3569018	62695.54	7.6	425790.25	143130	1147.9509 ng/ml
Dextromethorphan	5.275	2278459	44899.51	78.7	64119.54	111212	991.5797 ng/ml
Dextrophan	4.132	1781807	1754.15	217.7	6002.34	194222	1033.2563 ng/ml
Diazepam	5.960	774124	6641.18	91.2	16517.52	39830	965.2720 ng/ml
Dihydrocodeine	2.565	1166468	577.96	59.5	148.72	91228	851.3086 ng/ml
Diphenhydramine	5.303	11618908	141999.80	29.5	30471.74	602725	1034.5676 ng/ml
Doxylamine	4.529	18815413	8357.82	99.2	9633.84	866762	958.0949 ng/ml
EDDP	5.268	7710910	72649.51	42.0	129030.51	416292	1054.9521 ng/ml
Etizolam	5.820	979495	1142.04	28.5	65194.96	796	635.5700 ng/ml
Fentanyl	5.089	413701	691.46	102.7	2949.77	220091	127.3915 ng/ml
Flualprazolam	5.712	580483	30449.39	102.8	39594.08	78536	922.1026 ng/ml
Fluoxetine	5.727	596412	208304.12	8.8	68411.48	19871	1045.1829 ng/ml
Hydrocodone	3.025	1694432	7861.81	33.4	336.40	104226	944.8802 ng/ml
Hydromorphone	1.615	1400995	6477467.47	72.8	4755059.55	44852	1028.5481 ng/ml
Ketamine	4.051	4587240	295373.79	39.2	16739.69	216424	948.7961 ng/ml
Lamotrigine	4.294	144606	1020.25	88.2	295395.00	216424	544.8281 ng/ml
Levetiracetam	2.656	740568	8566.14	140.1	8479.79	345760	1027.0609 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	422392	58582.55	48.2	3874.32	796	429.7785 ng/ml
MDA	3.203	1240000	58702.32	27.1	2154.94	44294	894.3319 ng/ml
MDMA	3.303	3050759	78646.53	90.2	1359.03	38760	1036.0685 ng/ml
Meprobamate	4.911	61352	3497.54	28.0	143.43	4467	852.2052 ng/ml
Methadone	5.666	9192936	122109.41	48.4	760.78	340182	1028.7133 ng/ml
Methamphetamine	3.231	7453810	324690.84	37.1	1917.38	400479	808.3978 ng/ml
Metoprolol	4.340	545014	1194002.41	90.0	3429.39	570825	897.4483 ng/ml
Mirtazapine	4.597	9289234	5237.99	43.8	122933.51	330303	1024.7160 ng/ml
Mitragynine	5.216	1669308	163878.84	33.9	53766.97	340182	1063.8555 ng/ml
Morphine	1.253	273526	297.90	22.8	671.80	6393	965.2850 ng/ml
Norbuprenorphine	5.006	2689	1530.20	93.8	4910.29	1311	107.5001 ng/ml
Nordiazepam	5.900	229450	7669.84	60.3	8936.59	7970	1041.0078 ng/ml
Norfentanyl	4.093	529371	95.52	33.0	12961.85	231950	101.8985 ng/ml
Norhydrocodone	3.080	187031	575.62	37.6	498.09	15633	1312.6320 ng/ml
Noroxycodone	2.923	846553	3787.97	48.1	845.90	27202	993.3782 ng/ml
O-desmethyl-tramadol	3.383	9818295	148904.71	6.0	23549.51	563620	1033.5113 ng/ml
Oxazepam	5.756	360595	83157.51	76.3	51501.37	14744	1041.9133 ng/ml
Oxycodone	2.841	4494968	2040.67	28.4	3033.01	156422	951.6719 ng/ml
Oxymorphone	1.411	1271426	∞	47.5	129.29	43803	909.5086 ng/ml
Phentermine	3.790	552109	∞	5.8	1328.24	91097	898.8955 ng/ml
Promethazine	5.552	8268111	5087.88	29.6	21673.24	339805	1077.2214 ng/ml
Pseudoephedrine	2.596	7689100	115932.09	16.0	52414.95	345760	1091.2010 ng/ml
Quetiapine	5.521	3449324	1428.54	59.6	1492.91	61302	840.2603 ng/ml
Sertraline	5.796	224605	117632.75	94.9	752.32	9899	1018.5134 ng/ml
Temazepam	5.830	1398318	1743166.03	27.8	7584.51	74800	995.8293 ng/ml
Tramadol	4.252	10525902	715.02	3.4	304.62	570825	945.0620 ng/ml
Trazodone	5.034	3976814	120771.78	78.4	296.45	326493	581.4579 ng/ml
Venlafaxine	5.050	8408093	148008.79	35.6	3856.43	459093	1041.9407 ng/ml
Zolpidem	4.819	13451673	477412.44	27.9	5919.02	582233	963.0164 ng/ml