









REVIEWED
By Tamara Salazar at 8:33 am, May 12, 2021

AA
5/7/2021

Worklist: 4957

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
P2021-1379	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-1379	12	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1379	2	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-1379	3	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-1379	5	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-1379	7	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1379	8	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1379	9	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date: 5/03/2021

Analyst: Amber Gerheart

Plate lot#: 201207

Plate Expiration: 6/7/2021

Mobile phase A: 5mM Amm Form + 0.01% FA **Mobile phase B:** 0.01% Formic Acid in MeOH

Blank Blood Lot: 20L20723

Blank Urine Lot: POC031319

Column: Agilent 120 EC-C18 (2.1x 100-2.7um) **LCMS-QQQ ID:** 069901

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.
- 3. Create worklist

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate. **Pipette ID: 42**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+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 **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 15. Remove plate containing eluate. **If run contains urine, add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying (optional).** Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

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? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: *Calibration Curve Range:* Alpha-hydroxyalprazolam 5-100ng/mL, alpha-PHP 5-500 ng/mL, amphetamine 5-250 ng/mL, codeine 5-500 ng/mL, dihydrocodeine 5-500 ng/mL, lamotrigine 5-250 ng/mL, levetiracetam 5-500 ng/mL, lorazepam 5-100 ng/mL, MDA 5-500ng/mL, meprobamate 5-100 ng/mL, methamphetamine 5-500 ng/mL mitragynine 5-500 ng/mL, phentermine 5-500 ng/mL, lorazepam 5-100 ng/mL

Alpha-hydroxyalprazolam reported qualitatively.

Hydromorphone reported qualitatively.

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	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	P2021-1379-2	IS + Sample	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	P2021-1379-3	IS + Sample	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	P2021-1379-5	IS + Sample	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	P2021-1379-7	IS + Sample	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2021-1379-8	IS + Sample	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Negative Blood	P2021-1379-9	IS + Sample	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	Negative Urine	P2021-1379-12	IS + Sample	IS + Cal. 7	P2021-0579-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	P2021-1379-1	IS + Sample	IS + Sample	IS + Cal. 8	P2021-0577-1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

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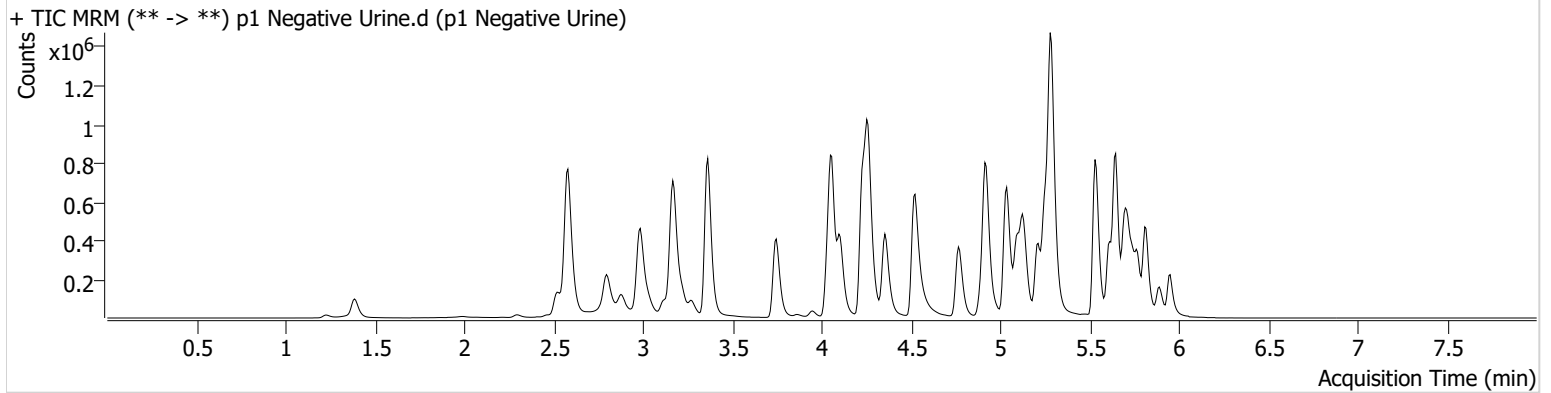


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 AM

Instrument Type	Falco (069901) Sample	Data File	p1 Negative Urine.d
Acq. Method	AM 28 MDQ P1.m	Sample	p1 Negative Urine
Sample Position	P2-G2	Operator	Amber Gerheart
Injection Volume	2	Comment	
Acq. Date-Time	5/3/2021 9:19:08 PM		
Sample Info.			

Sample Chromatogram



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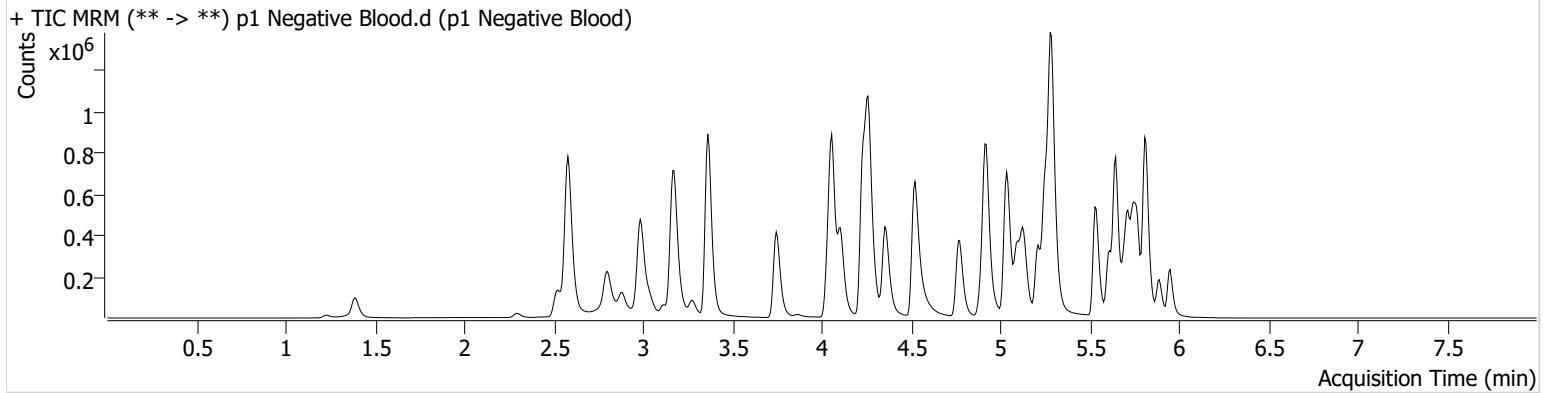


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 8:57:56 PM		
Sample Info.			

Sample Chromatogram



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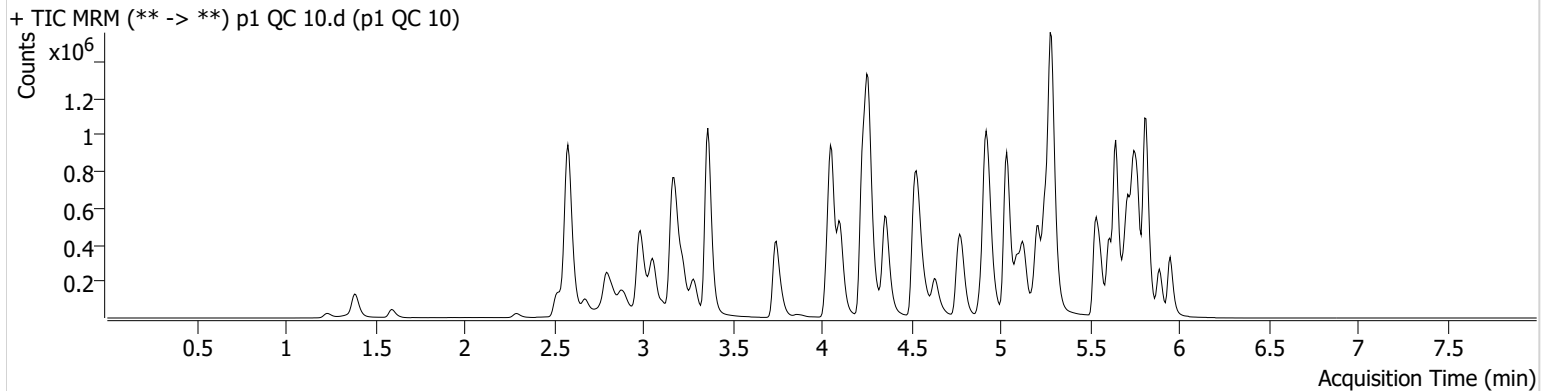


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 AM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P2-A2	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 7:22:19 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	4855	90.64	65.8	3743.59	121093	0.9936 ng/ml
7-aminoclonazepam	4.271	92216	1697.36	76.7	2385.59	352345	9.5959 ng/ml
a-hydroxyalprazolam	5.692	52638	1841.58	54.5	421.47	593151	10.4033 ng/ml
alpha-PHP	4.937	71955	1464.36	269.6	5897.53	1145556	10.1941 ng/ml
alpha-PVP	4.370	255496	5421.01	51.5	1754.33	1145556	9.7542 ng/ml
Alprazolam	5.775	162842	521.48	111.7	861.06	593151	9.7889 ng/ml
Amphetamine	3.063	497169	6184.29	47.1	1248.05	500132	9.9443 ng/ml
Benzoylcegonine	3.892	5774	315.35	8.6	222.81	24452	8.7976 ng/ml
Buprenorphine	5.880	7104	4845.81	15.4	1740.70	241609	0.9801 ng/ml
Bupropion	4.788	283681	8620.15	60.1	1808.31	1014428	9.7828 ng/ml
Carisoprodol	5.724	154154	660.24	58.8	74.36	796513	9.6099 ng/ml
Citalopram	5.212	177310	308.40	42.4	351.99	865290	9.3123 ng/ml
Clonazepam	5.612	188747	9177.69	32.1	421.40	225512	10.0379 ng/ml
Clonazepam	5.555	117898	11697.33	38.4	151052.20	225512	9.3123 ng/ml
Cocaine	4.257	203202	1038.08	50.6	5013.47	1944608	9.8213 ng/ml
Codeine	2.573	22841	262.46	103.2	1267.72	113591	10.1160 ng/ml
Cyclobenzaprine	5.615	76775	295.57	9.1	141.34	335141	9.4568 ng/ml
Dextromethorphan	5.262	105766	5666.98	82.4	239.69	517525	9.6659 ng/ml
Dextrophan	4.105	74874	2768.71	198.8	1456.19	900171	9.9992 ng/ml
Diazepam	5.960	104611	1763.32	88.3	553.24	498559	9.5852 ng/ml
Dihydrocodeine	2.552	55828	169.52	68.2	426.87	333313	10.0638 ng/ml
Diphenhydramine	5.289	469884	4462.15	33.6	239.29	2994131	9.4420 ng/ml
Doxylamine	4.543	489939	1006.09	98.5	2121.38	2198917	9.8205 ng/ml
EDDP	5.254	125602	5072.02	40.8	44.77	697545	9.6573 ng/ml
Etizolam	5.813	94856	261658.35	26.5	31682.45	225512	9.3417 ng/ml
Fentanyl	5.109	14110	1596.00	70.7	77679.99	717743	0.9481 ng/ml
Flualprazolam	5.705	70674	4733.42	106.2	1459.92	593151	9.5539 ng/ml
Fluoxetine	5.700	54525	732.67	9.1	945.26	228789	9.9724 ng/ml
Hydrocodone	3.012	89136	363.47	38.6	80.17	1067596	10.3075 ng/ml
Hydromorphone	1.595	78864	1377.78	76.9	1612.13	12825	9.5789 ng/ml
Ketamine	4.051	184171	652.25	37.6	1153.30	866767	9.8073 ng/ml
Lamotrigine	4.273	17861	765.91	77.1	9161.73	866767	10.2101 ng/ml
Levetiracetam	2.676	68898	834.73	171.0	985.21	2296409	9.2723 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	185365	11640.30	55.3	236.39	225512	10.3419 ng/ml
MDA	3.196	334197	3257.51	25.1	272.62	832425	10.0448 ng/ml
MDMA	3.290	195204	1933.14	77.3	1056.78	186217	9.5878 ng/ml
Meprobamate	4.917	89305	7149.63	28.2	123.26	428793	10.1104 ng/ml
Methadone	5.646	336369	2191.51	47.4	410.62	1571577	9.7417 ng/ml
Methamphetamine	3.231	379457	507.33	37.5	1758.58	1341280	10.9855 ng/ml
Metoprolol	4.326	48065	11748.27	88.4	1869.81	2107603	9.9774 ng/ml
Mirtazapine	4.637	315141	2550.78	50.0	2697.26	1145556	9.8924 ng/ml
Mitragynine	5.237	58821	88418.03	42.5	16712.02	1571577	9.4452 ng/ml
Morphine	1.240	11450	139.11	33.5	183.56	12825	9.5792 ng/ml
Norbuprenorphine	4.986	772	3771.78	112.7	1329.05	35169	0.9070 ng/ml
Nordiazepam	5.900	104880	649.70	57.1	269.72	363678	9.7377 ng/ml
Norfentanyl	4.079	40612	159.83	34.8	49.97	1795963	0.9597 ng/ml
Norhydrocodone	3.060	13072	386.74	45.5	37.58	131302	9.2539 ng/ml
Noroxycodone	2.903	101979	367.34	41.7	234.10	350429	9.9608 ng/ml
O-desmethyl-tramadol	3.369	371712	5432.05	6.8	450.42	2335815	9.5289 ng/ml
Oxazepam	5.749	205659	1217.24	73.2	3851.81	870686	9.5829 ng/ml
Oxycodone	2.827	184051	1057.39	26.9	354.74	816845	9.9213 ng/ml
Oxymorphone	1.391	88676	305.97	42.8	318.05	316583	10.0141 ng/ml
Phentermine	3.783	97477	294.76	4.7	55.19	1156018	10.0181 ng/ml
Promethazine	5.538	170943	324.50	28.4	374.53	771816	9.5484 ng/ml
Pseudoephedrine	2.589	459535	9411.91	16.2	978.73	2296409	9.4745 ng/ml
Quetiapine	5.562	210503	1440.05	57.6	539126.19	283221	10.0894 ng/ml
Sertraline	5.769	16111	66.96	93.9	151.60	77134	10.0935 ng/ml
Temazepam	5.816	339501	2340.64	28.9	135.52	1687667	9.7648 ng/ml
Tramadol	4.246	423778	4724.41	3.6	85.36	2107603	9.7435 ng/ml
Trazodone	5.190	199411	1924.41	80.8	11353.64	877374	9.6579 ng/ml
Venlafaxine	5.037	377381	757.16	37.8	166.57	1945701	9.7779 ng/ml
Zolpidem	4.941	413226	720.25	32.0	768.23	2166068	9.4399 ng/ml

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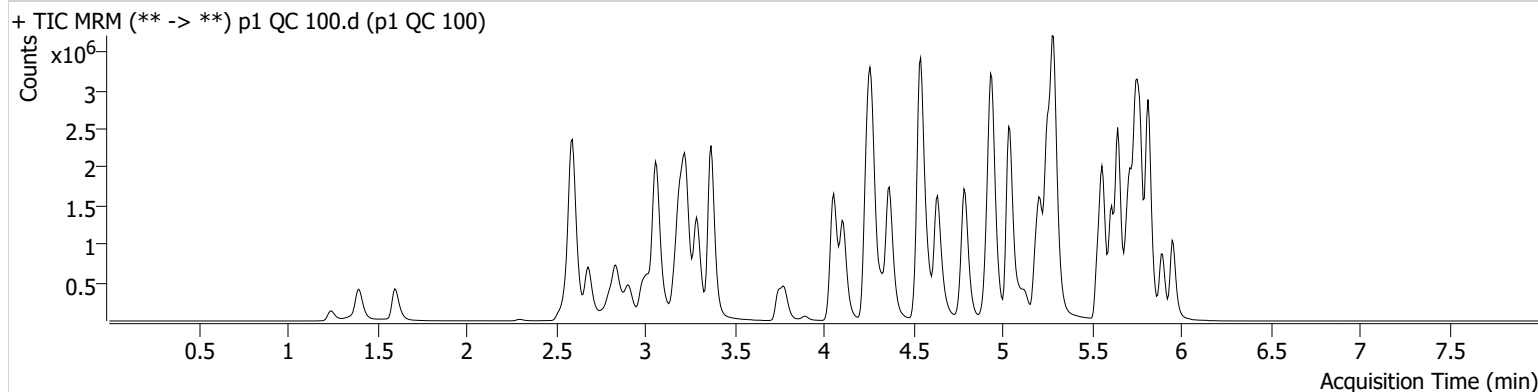


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 AM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	5/4/2021 12:30:07 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	46798	247.15	69.3	66758.83	112864	10.2547 ng/ml
7-aminoclonazepam	4.278	760403	14005.28	79.7	11873.45	266679	101.5770 ng/ml
a-hydroxyalprazolam	5.692	415522	743.28	58.0	1435.72	496284	101.8093 ng/ml
alpha-PHP	4.937	648752	14216.36	269.6	4908.44	1011839	110.7890 ng/ml
alpha-PVP	4.370	2456547	211465.96	52.2	38535.30	1011839	103.6245 ng/ml
Alprazolam	5.775	1495480	∞	112.7	919.59	496284	105.5611 ng/ml
Amphetamine	3.063	4156556	1793.18	47.6	2118.92	442297	102.7196 ng/ml
Benzoylcegonine	3.892	58526	526.91	8.0	37.99	21845	105.6979 ng/ml
Buprenorphine	5.880	52747	97939.49	14.3	7655.08	167883	9.6656 ng/ml
Bupropion	4.788	2604276	∞	61.1	388.83	861893	105.7826 ng/ml
Carisoprodol	5.724	1326633	38737.41	55.8	3863.13	624572	101.0064 ng/ml
Citalopram	5.212	1464852	14039.75	42.2	3423.60	642438	101.4861 ng/ml
Clonazepam	5.612	1696204	4569.17	31.7	6353.57	186931	116.3637 ng/ml
Clonazepam	5.555	1106705	60844.58	37.5	483278.43	186931	111.6825 ng/ml
Cocaine	4.264	1880092	2657397.94	51.4	47977.46	1650777	103.6628 ng/ml
Codeine	2.580	202242	19226.98	102.7	12342.45	101506	108.7734 ng/ml
Cyclobenzaprine	5.615	492219	1323.99	9.2	135.22	190656	103.0595 ng/ml
Dextromethorphan	5.262	823302	789.42	79.8	540.66	367449	105.5449 ng/ml
Dextrophan	4.111	710196	4785.15	208.0	110426.14	792543	105.6005 ng/ml
Diazepam	5.960	984427	12775.42	88.8	910.43	434168	105.6435 ng/ml
Dihydrocodeine	2.559	549631	2269.02	65.8	265.19	319763	111.0462 ng/ml
Diphenhydramine	5.289	4093173	872.33	32.6	923.99	2289817	103.4687 ng/ml
Doxylamine	4.543	4997206	3703.46	97.7	134326.44	2028730	109.4180 ng/ml
EDDP	5.254	2247932	52272.62	42.1	18837.45	1108913	103.9867 ng/ml
Etizolam	5.813	875069	19362.30	25.3	2656.24	186931	95.4525 ng/ml
Fentanyl	5.109	107014	4118.11	67.1	325259.69	485124	10.3906 ng/ml
Flualprazolam	5.705	685780	1038.90	99.6	5581.70	496284	111.3873 ng/ml
Fluoxetine	5.700	257108	724139.13	8.3	1249.69	105128	103.3709 ng/ml
Hydrocodone	3.018	836500	401.43	39.5	829.61	974427	110.6067 ng/ml
Hydromorphone	1.601	747116	3568167.42	77.2	3346765.63	11960	101.1414 ng/ml
Ketamine	4.051	1731606	49285.47	37.3	7282.70	783740	106.6637 ng/ml
Lamotrigine	4.280	144941	1545.43	81.1	1202.16	783740	103.2341 ng/ml
Levetiracetam	2.683	673295	2909.56	163.5	6292.75	1943381	106.0704 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1293380	8317.87	55.5	1481.57	186931	96.5568 ng/ml
MDA	3.196	2668439	4894.90	24.9	1604.79	690893	105.2301 ng/ml
MDMA	3.290	1828030	13124.84	79.0	6161.57	162857	103.3647 ng/ml
Meprobamate	4.924	738793	12370.65	27.8	308.37	376867	98.8838 ng/ml
Methadone	5.646	2732902	730.51	47.7	26713.46	1166677	102.0658 ng/ml
Methamphetamine	3.231	3322326	2084.73	37.8	20635.70	1220871	113.1269 ng/ml
Metoprolol	4.326	451780	3952.97	90.8	42162.26	1920513	108.0732 ng/ml
Mirtazapine	4.637	2786450	114185.92	48.9	1511.70	1011839	101.4771 ng/ml
Mitragynine	5.244	431350	55354.81	39.4	121759.00	1166677	98.0535 ng/ml
Morphine	1.247	116585	595.57	30.1	385.58	11960	104.2784 ng/ml
Norbuprenorphine	4.986	6158	3100.93	92.6	74.24	27053	10.7564 ng/ml
Nordiazepam	5.900	965032	2144.35	57.2	361.52	310208	105.0229 ng/ml
Norfentanyl	4.079	390471	317.06	34.2	774.41	1580244	9.7202 ng/ml
Norhydrocodone	3.059	111079	192.13	41.8	562.63	98622	95.8370 ng/ml
Noroxycodone	2.909	903102	3432.80	41.9	304.85	291782	105.9516 ng/ml
O-desmethyl-tramadol	3.369	3677344	127445.77	6.7	725.36	2086160	103.9160 ng/ml
Oxazepam	5.749	1656834	36130.19	73.6	21733.30	627188	109.7588 ng/ml
Oxycodone	2.834	1816041	2580.13	26.9	1472.58	735081	109.7049 ng/ml
Oxymorphone	1.398	818702	∞	43.2	500.74	282722	104.7607 ng/ml
Phentermine	3.783	901458	1265.47	4.6	340.02	1035677	111.4153 ng/ml
Promethazine	5.538	1110146	2535.74	27.6	2195.94	446885	103.7482 ng/ml
Pseudoephedrine	2.596	4343205	699.21	16.3	84912.92	1943381	100.6667 ng/ml
Quetiapine	5.562	1697459	150258.13	58.1	352012.20	219190	102.6844 ng/ml
Sertraline	5.769	74222	94.64	106.2	1799.60	35620	97.7804 ng/ml
Temazepam	5.816	2925509	761.85	28.6	6297.74	1319304	102.7235 ng/ml
Tramadol	4.246	4112833	2865.57	3.6	316.24	1920513	108.1194 ng/ml
Trazodone	5.190	1545566	445.22	79.6	89568.79	619166	109.8935 ng/ml
Venlafaxine	5.037	3744260	182532.62	38.3	2891.21	1750139	105.1511 ng/ml
Zolpidem	4.941	4024109	8482.46	30.1	3157.96	1871016	109.7316 ng/ml

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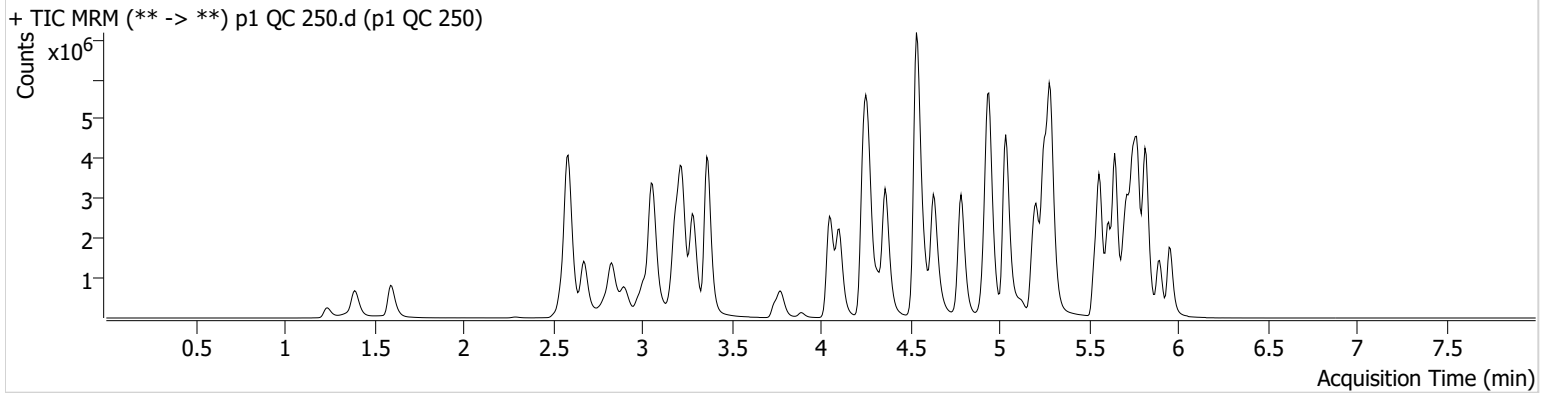


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 AM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P2-C2	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 7:43:32 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	102945	2531.20	71.6	1617.80	105939	24.0294 ng/ml
7-aminoclonazepam	4.271	1419935	19817.25	77.2	30045.47	211952	238.2507 ng/ml
* a-hydroxyalprazolam	5.692	660189	1541.27	58.5	973.07	405873	198.1973 ng/ml
alpha-PHP	4.930	1228176	32418.73	271.2	5436.01	893656	238.3119 ng/ml
alpha-PVP	4.363	5150137	2629.53	51.3	1326.77	893656	245.6234 ng/ml
Alprazolam	5.775	2947394	44503.49	112.1	22085.69	405873	254.1247 ng/ml
Amphetamine	3.063	7165671	58787.46	47.1	37799.36	363795	216.4240 ng/ml
Benzoylcegonine	3.892	135475	343.26	8.0	90.40	22615	237.0458 ng/ml
Buprenorphine	5.880	95897	125059.75	14.4	13349.46	125293	23.4264 ng/ml
Bupropion	4.788	5029505	152348.72	60.4	15032.47	707785	248.7848 ng/ml
Carisoprodol	5.724	2268081	5041944.67	55.8	5459.07	444518	242.0055 ng/ml
Citalopram	5.212	2743333	3673.87	41.3	1464.78	510525	238.8832 ng/ml
Clonazepam	5.612	2964083	57457.75	32.0	495333.67	147530	258.5810 ng/ml
Clonazepam	5.549	2033056	347122.91	37.6	81948.71	147530	260.7595 ng/ml
Cocaine	4.257	3927646	17795.87	50.8	248583.81	1442784	247.3032 ng/ml
Codeine	2.566	376658	2653.94	101.3	6409.99	90457	228.3712 ng/ml
Cyclobenzaprine	5.615	879127	16102.70	9.5	183.04	148269	236.2465 ng/ml
Dextromethorphan	5.262	1352107	19911.30	79.7	1626.11	263466	241.6923 ng/ml
Dextrophan	4.105	1465520	30299.82	205.7	65527.40	698479	246.9656 ng/ml
Diazepam	5.960	1924387	7322.42	89.0	6480.30	372024	241.2818 ng/ml
Dihydrocodeine	2.545	1135627	8883.39	66.3	2636.00	299630	245.8670 ng/ml
Diphenhydramine	5.289	7707776	80760.34	32.0	809.69	1804146	246.7447 ng/ml
Doxylamine	4.536	11316902	5378.67	96.1	89967.46	1891592	265.8784 ng/ml
EDDP	5.254	4802740	72042.73	41.9	32787.63	1003073	244.9828 ng/ml
Etizolam	5.813	1733710	17458.00	25.9	8852.79	147530	238.3510 ng/ml
Fentanyl	5.109	178710	5538.53	67.9	572412.38	356142	23.6051 ng/ml
Flualprazolam	5.705	1278831	1391.59	99.5	42005.03	405873	254.0533 ng/ml
Fluoxetine	5.700	528086	30821.79	8.7	1004.14	95220	234.5537 ng/ml
Hydrocodone	3.012	1695739	1032.70	39.2	562.58	908256	241.1413 ng/ml
Hydromorphone	1.595	1537434	3506189.49	77.1	17305.91	10379	240.4027 ng/ml
Ketamine	4.051	3707135	120416.24	36.8	8560.30	718595	249.7198 ng/ml
Lamotrigine	4.273	255898	1317.14	82.1	4007.53	718595	200.1335 ng/ml
Levetiracetam	2.676	1389226	11239.10	167.6	723.96	1707031	249.0318 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.747	1702206	∞	56.0	2317.24	147530	161.8721 ng/ml
MDA	3.189	4597419	10436.42	23.8	1091.50	533726	235.9137 ng/ml
MDMA	3.290	3811884	9383.66	77.0	5589.36	140974	249.0995 ng/ml
* Meprobamate	4.917	1198934	386110.95	28.1	66765.95	325585	186.1354 ng/ml
Methadone	5.646	5146683	51201.41	46.7	750.16	927334	241.1964 ng/ml
Methamphetamine	3.224	6530123	3216.05	36.9	754.58	1132826	240.6033 ng/ml
Metoprolol	4.319	927508	5945.41	91.5	86786.16	1708349	250.1543 ng/ml
Mirtazapine	4.631	5297644	126374.18	50.1	57786.71	893656	218.7577 ng/ml
Mitragynine	5.237	706816	38605.03	39.2	1883.05	927334	202.7088 ng/ml
Morphine	1.240	233255	3686.25	34.6	1292.19	10379	240.3646 ng/ml
Norbuprenorphine	4.986	10579	1061.42	99.5	9889.59	21158	23.7989 ng/ml
Nordiazepam	5.900	1818882	76371.77	56.2	2829.86	257521	238.4417 ng/ml
Norfentanyl	4.079	812375	50952.24	34.1	783.89	1356390	23.4505 ng/ml
Norhydrocodone	3.053	205704	5020.74	42.2	139.35	75211	231.4940 ng/ml
Noroxycodone	2.903	1654035	63542.23	42.2	1041.74	232689	243.3327 ng/ml
O-desmethyl-tramadol	3.369	8245943	1331.01	6.5	2780.77	1964678	247.2015 ng/ml
Oxazepam	5.749	2425717	40023.33	74.7	∞	404465	249.5049 ng/ml
Oxycodone	2.827	3907192	16493.85	26.6	1134.92	701387	247.4836 ng/ml
Oxymorphone	1.391	1679019	∞	41.1	∞	236904	256.5899 ng/ml
Phentermine	3.783	1675822	14744.07	4.5	1154.90	936807	229.8880 ng/ml
Promethazine	5.532	2088308	5295.51	28.4	1185.78	360499	241.4915 ng/ml
Pseudoephedrine	2.589	9144933	91711.87	15.9	70682.73	1707031	240.6012 ng/ml
Quetiapine	5.562	3322807	1871010.23	58.0	128249.52	184036	239.0578 ng/ml
Sertraline	5.769	214927	305.39	95.8	9132.59	42406	237.3676 ng/ml
Temazepam	5.823	5130948	38179.06	28.2	6155.41	973237	243.5508 ng/ml
Tramadol	4.239	8724264	1825.06	3.5	1889.09	1708349	258.4527 ng/ml
Trazodone	5.190	2861877	912.50	81.3	783.13	523256	241.2405 ng/ml
Venlafaxine	5.037	8075881	2187.14	36.6	1188.45	1549391	255.7955 ng/ml
Zolpidem	4.941	8303658	4100.17	30.0	5451.88	1685760	251.7274 ng/ml

*Outside curve range

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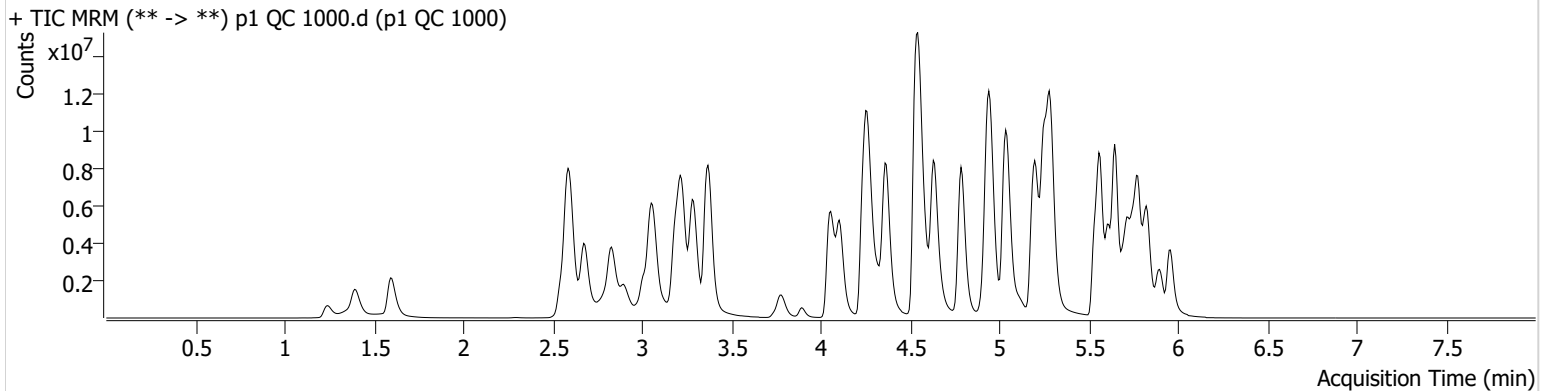


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 AM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P2-D2	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 8:04:46 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	375904	∞	69.6	1552.96	91858	101.1867 ng/ml
7-aminoclonazepam	4.285	2510215	3907.33	73.1	26326.66	91488	974.8451 ng/ml
* a-hydroxyalprazolam	5.685	990472	505.51	58.5	342.19	245329	492.5837 ng/ml
* alpha-PHP	4.930	2791570	33375.61	276.4	181786.72	631105	768.6352 ng/ml
alpha-PVP	4.370	15139611	5268.45	52.2	190663.73	631105	1021.6150 ng/ml
Alprazolam	5.775	6849744	1679.36	112.5	1056.83	245329	976.5301 ng/ml
* Amphetamine	3.063	13930605	143209.89	47.7	55885.61	231935	662.0579 ng/ml
Benzoylcegonine	3.892	598302	1109.72	7.8	6687.18	22789	1040.7924 ng/ml
Buprenorphine	5.880	207360	7520.76	14.9	57138.65	54011	117.1752 ng/ml
Bupropion	4.788	14158495	340865.04	61.5	99093.35	506312	979.0597 ng/ml
Carisoprodol	5.724	4002478	6332619.55	55.5	23572.69	184315	1028.5146 ng/ml
Citalopram	5.212	6471702	∞	40.0	873.04	278686	1031.6496 ng/ml
Clonazepam	5.612	5586558	44718.32	31.4	111961.33	81949	879.2109 ng/ml
Clonazepam	5.549	3823259	1274863.47	37.7	145244.44	81949	884.2352 ng/ml
Cocaine	4.264	10576665	1260.01	50.1	1949.30	935049	1026.4964 ng/ml
* Codeine	2.566	847611	328.15	99.0	12842.73	64054	727.8351 ng/ml
Cyclobenzaprine	5.615	3221943	122282.17	8.8	481.28	126010	1017.6351 ng/ml
Dextromethorphan	5.262	2775103	86955.40	80.9	119058.61	130666	1000.0804 ng/ml
Dextrophan	4.105	3964325	5982.87	211.3	92063.60	444207	1049.7601 ng/ml
Diazepam	5.960	4917713	8911.59	87.3	∞	240126	955.8956 ng/ml
* Dihydrocodeine	2.545	3111142	2301.77	68.1	1064.75	281007	719.8239 ng/ml
Diphenhydramine	5.289	17799126	256606.08	34.1	81104.29	1042882	984.5446 ng/ml
Doxylamine	4.543	30786905	551023.88	98.2	362908.90	1589788	860.8062 ng/ml
EDDP	5.254	14593634	150128.23	41.9	25909.29	721104	1033.9969 ng/ml
Etizolam	5.813	4658356	19420.51	25.0	3917.07	81949	1149.7214 ng/ml
Fentanyl	5.109	551654	546.08	69.3	548008.35	269210	96.3207 ng/ml
Flualprazolam	5.705	2809848	43066.49	94.6	43848.69	245329	923.6438 ng/ml
Fluoxetine	5.700	1509402	5422.67	8.8	106282.32	67911	940.3336 ng/ml
Hydrocodone	3.012	5089093	398.53	40.1	6611.89	748800	879.1163 ng/ml
Hydromorphone	1.595	4599345	6053191.11	77.2	11490973.4	8025	931.3971 ng/ml
					0		
Ketamine	4.051	11314875	540248.18	35.8	2028.01	591555	927.2265 ng/ml
* Lamotrigine	4.280	517017	1945.55	82.2	805.60	591555	493.3013 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Levetiracetam	2.676	4105325	19518.48	168.1	47502.21	999748	1256.1668 ng/ml
* Lorazepam	5.747	1821241	29304.68	57.3	424.94	81949	312.9774 ng/ml
* MDA	3.189	9191618	73127.21	22.8	801.11	330602	763.6753 ng/ml
MDMA	3.290	10278965	26788.36	76.7	40642.59	93855	1009.1597 ng/ml
* Meprobamate	4.911	2031272	7371.12	27.6	22759.40	243849	421.6191 ng/ml
Methadone	5.646	13085822	181184.29	48.6	71167.58	566217	1002.9315 ng/ml
* Methamphetamine	3.224	14385808	26857.62	36.4	25999.95	767784	784.0048 ng/ml
Metoprolol	4.326	2241501	3604001.51	92.6	9671.73	1242943	832.1967 ng/ml
Mirtazapine	4.637	14875319	293579.67	50.5	332277.30	631105	870.6019 ng/ml
* Mitragynine	5.237	1400492	104647.81	40.4	31198.91	566217	659.0107 ng/ml
Morphine	1.240	710138	∞	34.8	∞	8025	946.3993 ng/ml
Norbuprenorphine	4.986	24975	157.70	99.0	385.02	10966	108.9213 ng/ml
Nordiazepam	5.900	3860252	592.17	56.7	956.29	138517	940.8049 ng/ml
Norfentanyl	4.079	2230563	50373.52	33.4	12754.39	775171	112.3732 ng/ml
Norhydrocodone	3.053	665523	152.29	41.8	120.87	51585	1088.8061 ng/ml
Noroxycodone	2.903	3616406	2424.47	43.9	8235.69	127510	970.8834 ng/ml
O-desmethyl-tramadol	3.369	22910412	244454.50	7.1	1760.29	1453345	928.0198 ng/ml
Oxazepam	5.749	2583714	3205.84	71.6	21865.10	113388	948.6862 ng/ml
Oxycodone	2.827	12754944	5447.86	26.3	1331.71	588612	962.9616 ng/ml
Oxymorphone	1.391	4732648	286.97	42.4	1729.30	180636	948.8946 ng/ml
* Phentermine	3.783	3850484	30029.42	4.3	1826.02	695121	713.6580 ng/ml
Promethazine	5.532	7672853	212531.57	27.2	∞	311791	1024.8344 ng/ml
Pseudoephedrine	2.596	23274039	201415.00	16.1	129316.32	999748	1043.8448 ng/ml
Quetiapine	5.562	9814860	4041.72	57.8	252336.31	130414	995.6411 ng/ml
Sertraline	5.769	712136	714570.26	99.4	629.59	33250	1002.0287 ng/ml
Temazepam	5.830	8082078	12762.20	28.4	6618.09	349141	1067.7188 ng/ml
Tramadol	4.239	20834441	3078.90	3.9	1375.27	1242943	849.3474 ng/ml
Trazodone	5.190	10268250	1665.86	81.2	4277.75	472671	959.3253 ng/ml
Venlafaxine	5.037	21800019	4748.71	39.8	65384.21	1065692	1003.1090 ng/ml
Zolpidem	4.949	22909746	110472.45	32.5	578245.78	1364258	858.9597 ng/ml

*Outside curve range

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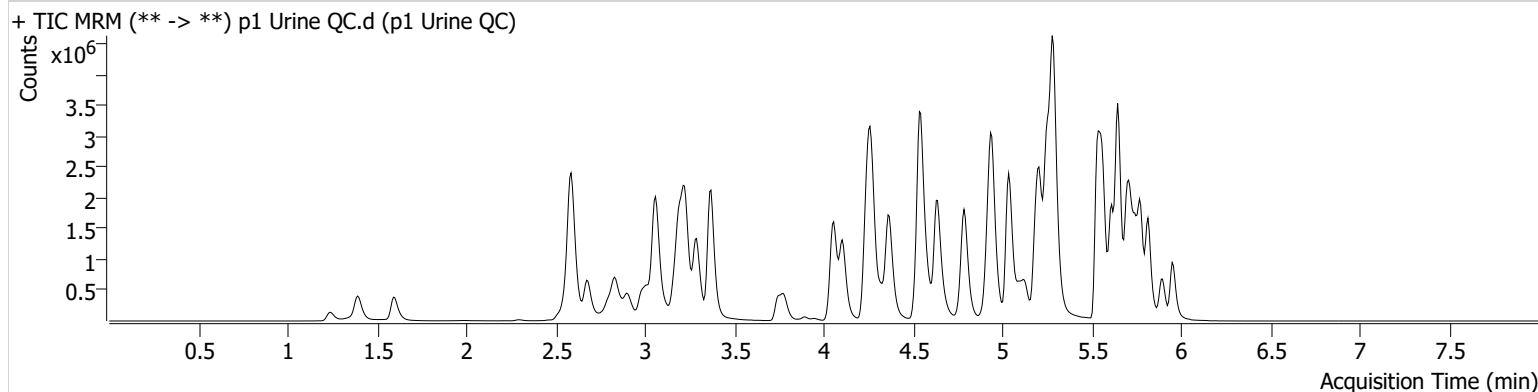


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 AM

Instrument	Falco (069901)	Data File	p1 Urine QC.d
Type	QC	Sample	p1 Urine QC
Acq. Method	AM 28 MDQ P1.m	Operator	Amber Gerheart
Sample Position	P2-E2	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 8:36:41 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	45059	2642.65	70.2	1738.67	106908	10.4238 ng/ml
7-aminoclonazepam	4.271	766168	5993.15	80.1	6704.59	269204	101.3877 ng/ml
a-hydroxyalprazolam	5.692	279265	376.75	57.6	649.52	318925	106.4958 ng/ml
alpha-PHP	4.937	631221	3376.77	269.6	10543.57	1007219	108.2730 ng/ml
alpha-PVP	4.370	2420223	762.13	52.6	8444.75	1007219	102.5631 ng/ml
Alprazolam	5.775	986136	1797.36	112.3	1479.37	318925	108.3134 ng/ml
Amphetamine	3.063	3975882	2182.04	48.3	8160.79	451590	96.1677 ng/ml
Benzoylcegonine	3.892	60931	216.73	7.9	65.98	23120	103.9656 ng/ml
Buprenorphine	5.880	58421	21386.89	14.0	5845.75	171237	10.4885 ng/ml
Bupropion	4.788	2762640	69349.95	60.2	1492.53	905142	106.8535 ng/ml
Carisoprodol	5.724	905039	71279.75	56.8	8648.39	414102	103.9170 ng/ml
Citalopram	5.212	1976673	1151.81	41.2	641.88	849350	103.5795 ng/ml
Clonazepam	5.612	1026493	3905.32	31.8	4309.11	123611	106.4280 ng/ml
Clonazepam	5.549	675435	13960.21	36.3	9042.92	123611	103.0306 ng/ml
Cocaine	4.264	1794981	22268.39	51.2	16271.52	1568364	104.1689 ng/ml
Codeine	2.573	197448	7600.64	99.0	885.07	95395	113.0350 ng/ml
Cyclobenzaprine	5.615	1695635	2568.20	8.9	96.62	649072	104.2801 ng/ml
Dextromethorphan	5.262	1194547	792.50	80.4	1022.36	540782	104.0540 ng/ml
Dextrophan	4.111	704137	1826.01	208.2	723.24	799383	103.8075 ng/ml
Diazepam	5.960	883146	39241.78	87.9	3912.09	389266	105.7069 ng/ml
Dihydrocodeine	2.552	531401	141.07	65.0	812.49	299830	114.5268 ng/ml
Diphenhydramine	5.289	5134624	817.58	32.8	630.71	2854776	104.1061 ng/ml
Doxylamine	4.543	5025923	22152.00	96.6	1258.96	2016565	110.7116 ng/ml
EDDP	5.254	2340431	33278.60	41.8	514.45	1128814	106.3464 ng/ml
Etizolam	5.813	660746	16830.44	25.5	31205.94	123611	108.8754 ng/ml
Fentanyl	5.109	212647	3428.85	68.3	989.66	958172	10.4535 ng/ml
Flualprazolam	5.705	515958	3451.52	100.4	6321.89	318925	130.4182 ng/ml
Fluoxetine	5.700	1807511	9879.31	8.7	5797.21	737843	103.5428 ng/ml
Hydrocodone	3.012	798034	323.43	39.3	968.57	943457	108.9769 ng/ml
Hydromorphone	1.595	695450	5569.88	77.1	1010510.70	12681	88.7419 ng/ml
Ketamine	4.051	1674098	39975.55	36.9	2494.36	765030	105.6386 ng/ml
Lamotrigine	4.280	153592	3837.15	80.4	1858.92	765030	112.1958 ng/ml
Levetiracetam	2.676	607196	2270.53	169.2	7377.89	1926690	96.4944 ng/ml

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AM #28 Multi-Drug Quant. Results

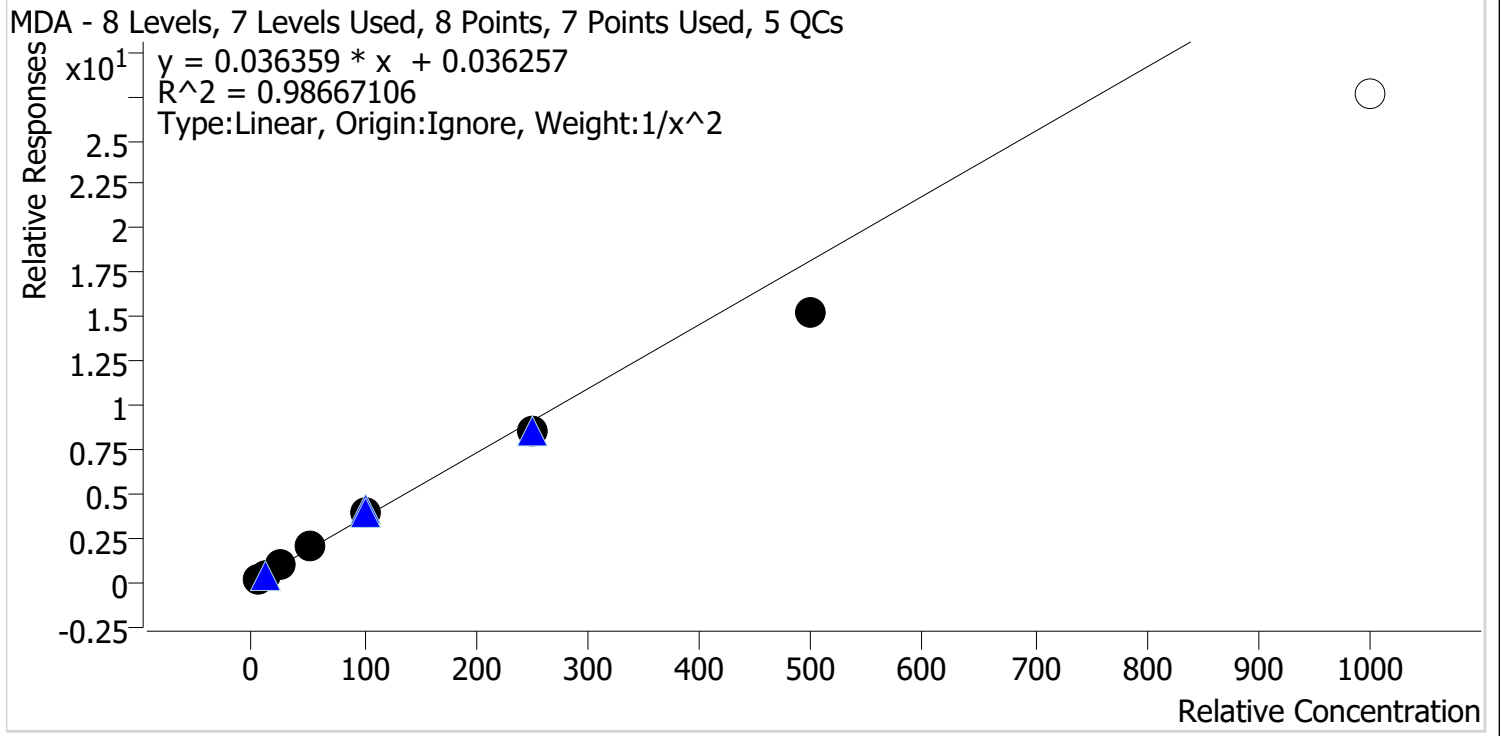
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	574540	3494.27	55.8	313.73	123611	64.4433 ng/ml
MDA	3.196	2749862	5666.21	24.4	2757.70	667792	112.2583 ng/ml
MDMA	3.290	1863311	7889.46	76.0	2241.64	160513	106.9007 ng/ml
Meprobamate	4.917	622578	239.47	27.8	1795.87	311574	100.7998 ng/ml
Methadone	5.646	3903417	52576.41	47.0	3456.80	1635830	103.9627 ng/ml
Methamphetamine	3.231	3307544	2446.48	37.5	6024.64	1237417	111.1023 ng/ml
Metoprolol	4.326	443598	93041.06	91.9	5714.83	1806668	112.8269 ng/ml
Mirtazapine	4.637	3460275	2884.85	49.7	2315.09	1007219	126.6618 ng/ml
Mitragynine	5.237	734429	3088.17	39.4	7144.57	1635830	119.1827 ng/ml
Morphine	1.240	122058	848.09	33.6	421.75	12681	102.9652 ng/ml
Norbuprenorphine	4.986	7608	302.21	97.3	850.56	35110	10.2328 ng/ml
Nordiazepam	5.900	743535	15780.51	56.4	1301.14	235868	106.4209 ng/ml
Norfentanyl	4.079	390641	7160.35	33.5	45.18	1566492	9.8091 ng/ml
Norhydrocodone	3.059	96410	156.67	42.4	124.23	88392	92.8337 ng/ml
Noroxycodone	2.903	856472	762.05	42.4	1184.80	276568	106.0085 ng/ml
O-desmethyl-tramadol	3.369	3478086	78429.23	6.7	8286.59	1953360	104.9656 ng/ml
Oxazepam	5.749	650658	2745.24	73.4	307.23	300948	89.7837 ng/ml
Oxycodone	2.827	1790674	4920.06	26.8	1818.41	727653	109.2764 ng/ml
Oxymorphone	1.391	791564	∞	43.0	∞	273661	104.6418 ng/ml
Phentermine	3.783	890217	2892.94	4.5	104.17	1040055	109.5486 ng/ml
Promethazine	5.532	4067925	7042.91	27.8	12377.90	1613384	105.2958 ng/ml
Pseudoephedrine	2.589	4413411	15256.40	16.2	29763.43	1926690	103.1675 ng/ml
Quetiapine	5.562	2250206	20351.66	59.9	1080.11	279352	106.7958 ng/ml
Sertraline	5.769	497067	1024.83	96.4	795.28	235179	99.1761 ng/ml
Temazepam	5.816	1357577	635.65	30.7	161.94	615395	102.1961 ng/ml
Tramadol	4.246	3819640	2948.31	3.7	773.16	1806668	106.7335 ng/ml
Trazodone	5.190	2613579	2556.33	81.0	57052.13	1078054	106.7191 ng/ml
Venlafaxine	5.037	3550892	∞	37.9	1134.14	1659480	105.1685 ng/ml
Zolpidem	4.941	3856494	16218.46	30.6	4928.47	1796151	109.5436 ng/ml

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



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	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.4
p1 Cal 4-50ng	4	✓	50.0	56.6	113.1
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	233.8	93.5
p1 Cal 7-500ng	7	✓	500.0	416.8	83.4
p1 Cal 8-1000ng	8	✗	1000.0	757.0	75.7

*Cal 8 dropped due to accuracy

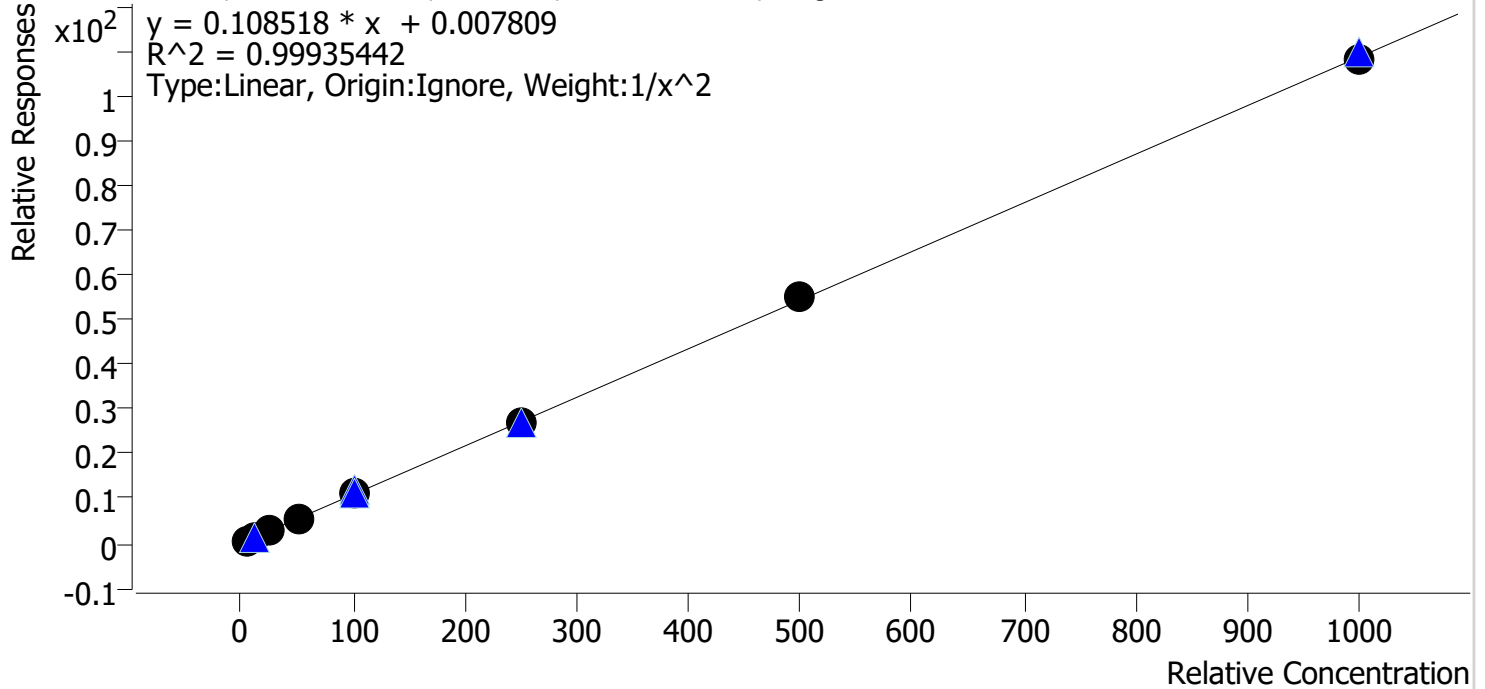
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

MDMA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



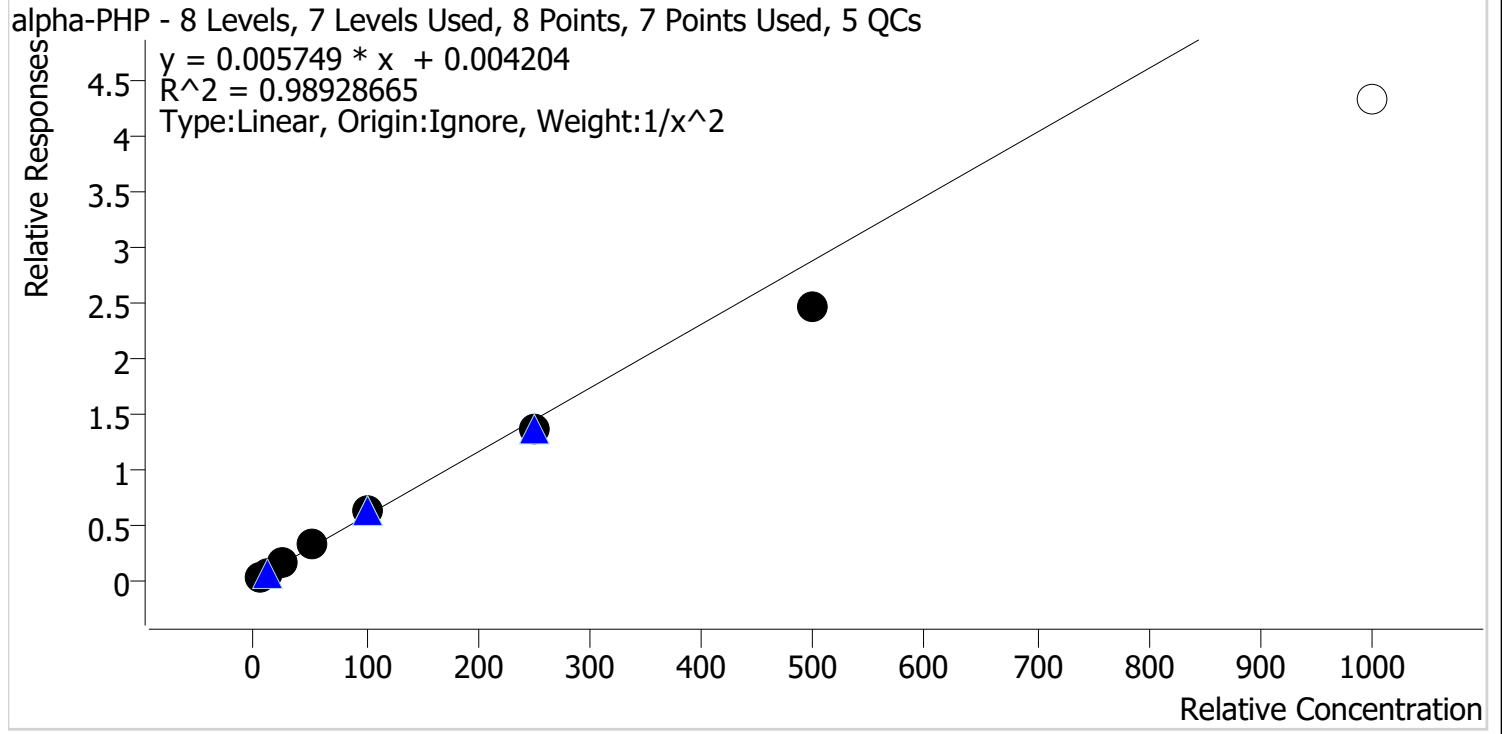
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	51.9	103.9
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng	8	✓	1000.0	999.0	99.9

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	55.6	111.3
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	235.1	94.0
p1 Cal 7-500ng	7	✓	500.0	424.6	84.9
p1 Cal 8-1000ng	8	✗	1000.0	754.8	75.5

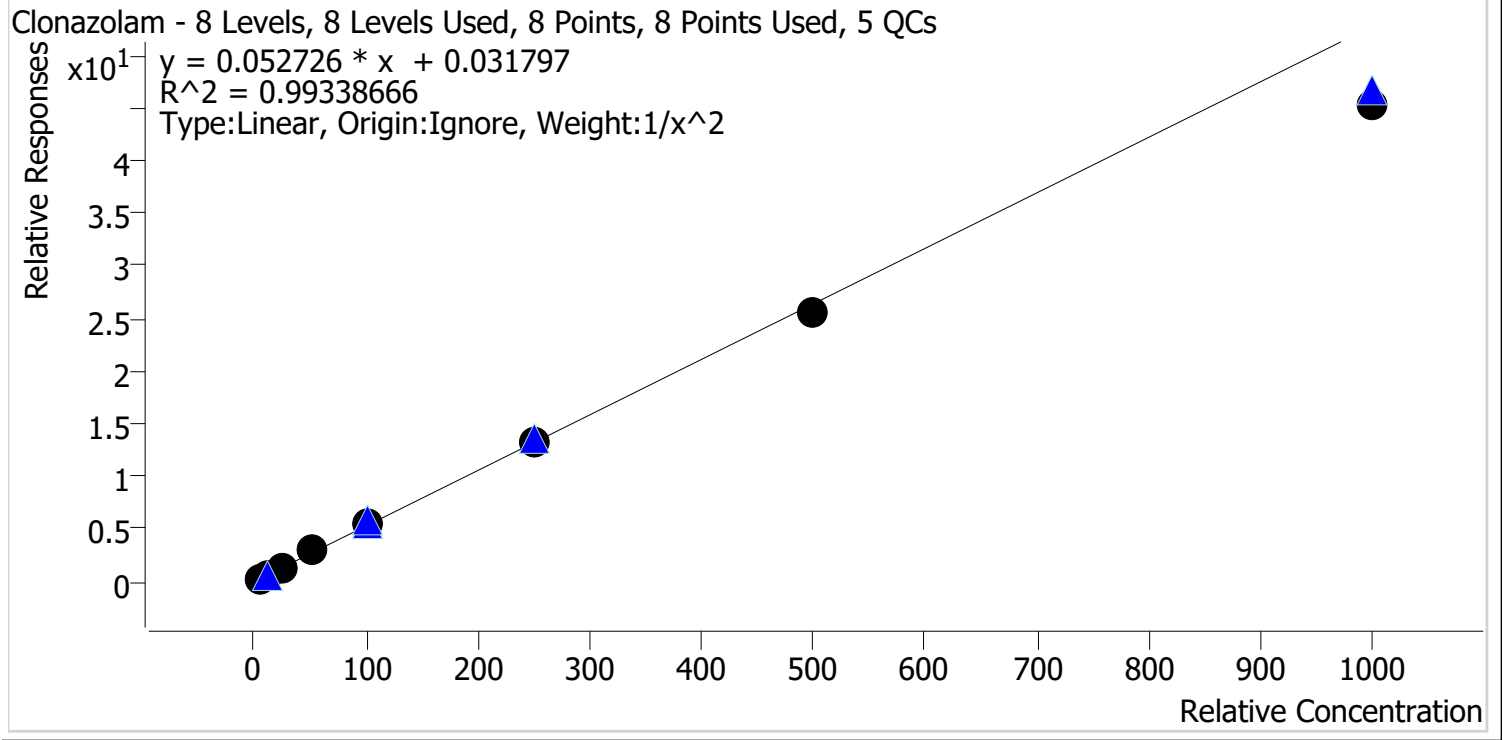
*Cal 8 dropped due to accuracy

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 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	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	55.1	110.1
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	253.6	101.5
p1 Cal 7-500ng	7	✓	500.0	486.7	97.3
p1 Cal 8-1000ng	8	✓	1000.0	856.4	85.6

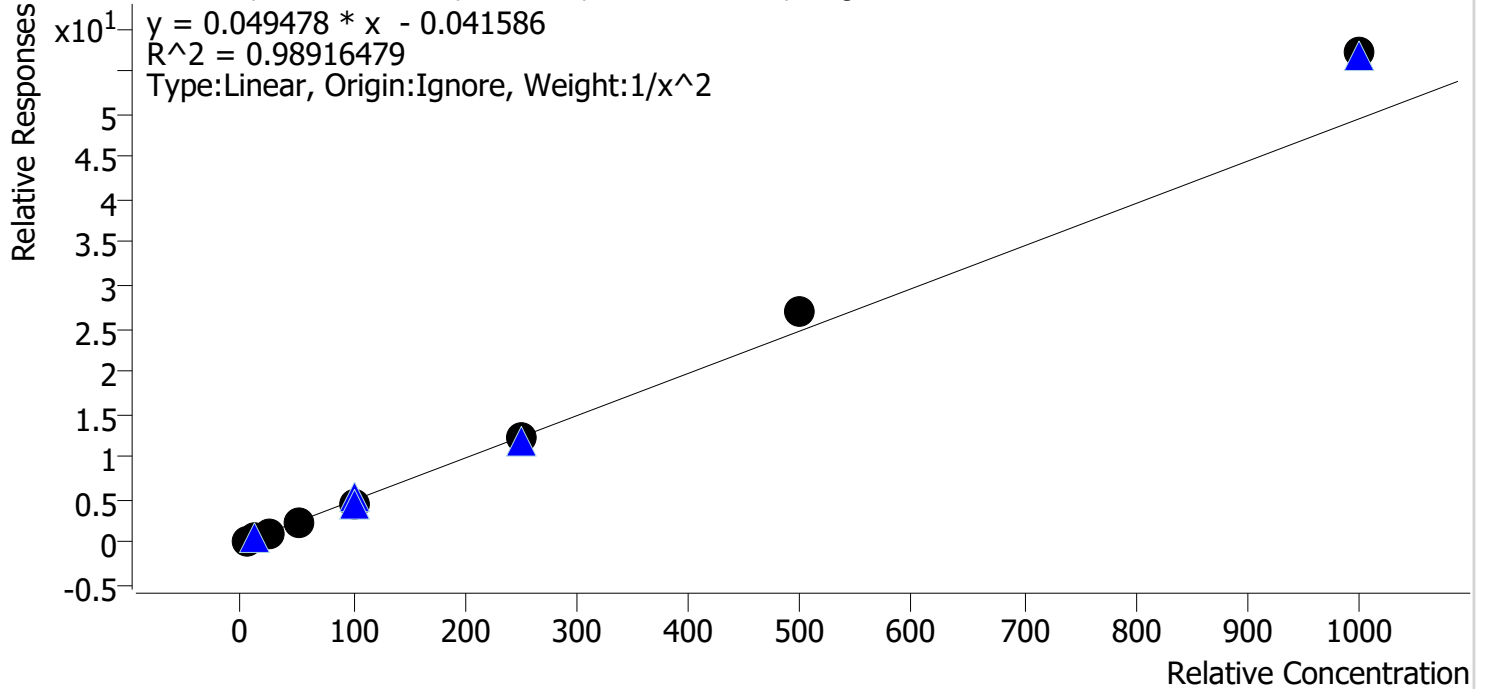
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

Etizolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.0
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	22.1	88.5
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	93.0	93.0
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	544.4	108.9
p1 Cal 8-1000ng	8	✓	1000.0	1156.1	115.6

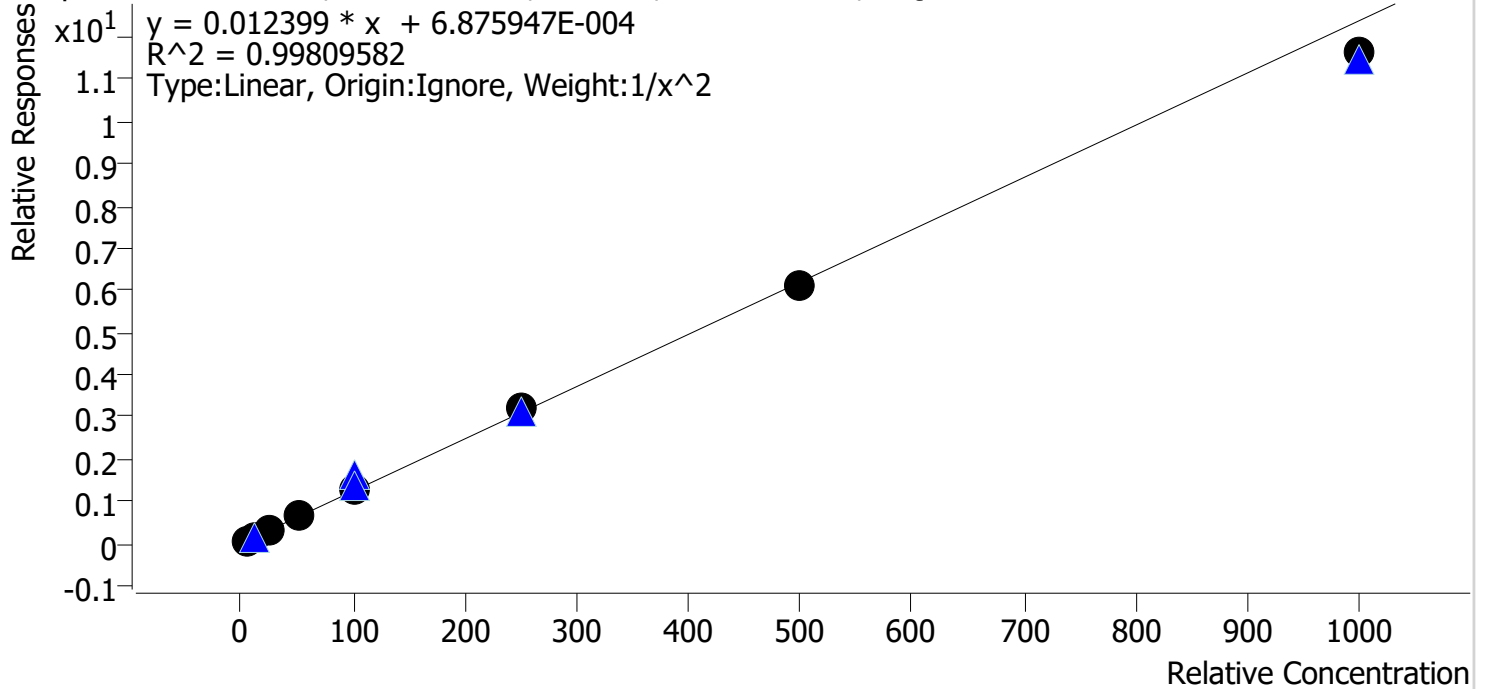
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

Flualprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	256.6	102.6
p1 Cal 7-500ng	7	✓	500.0	492.7	98.5
p1 Cal 8-1000ng	8	✓	1000.0	939.0	93.9

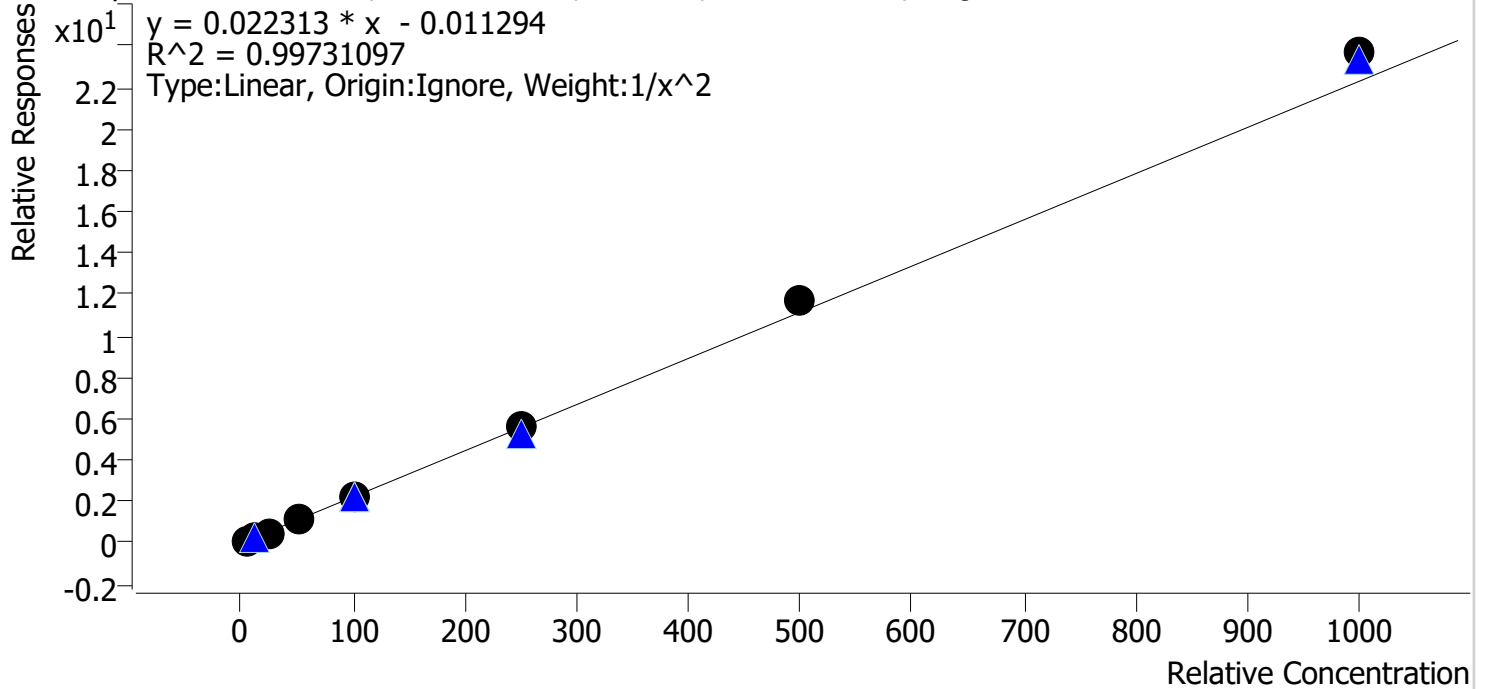
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

Pseudoephedrine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



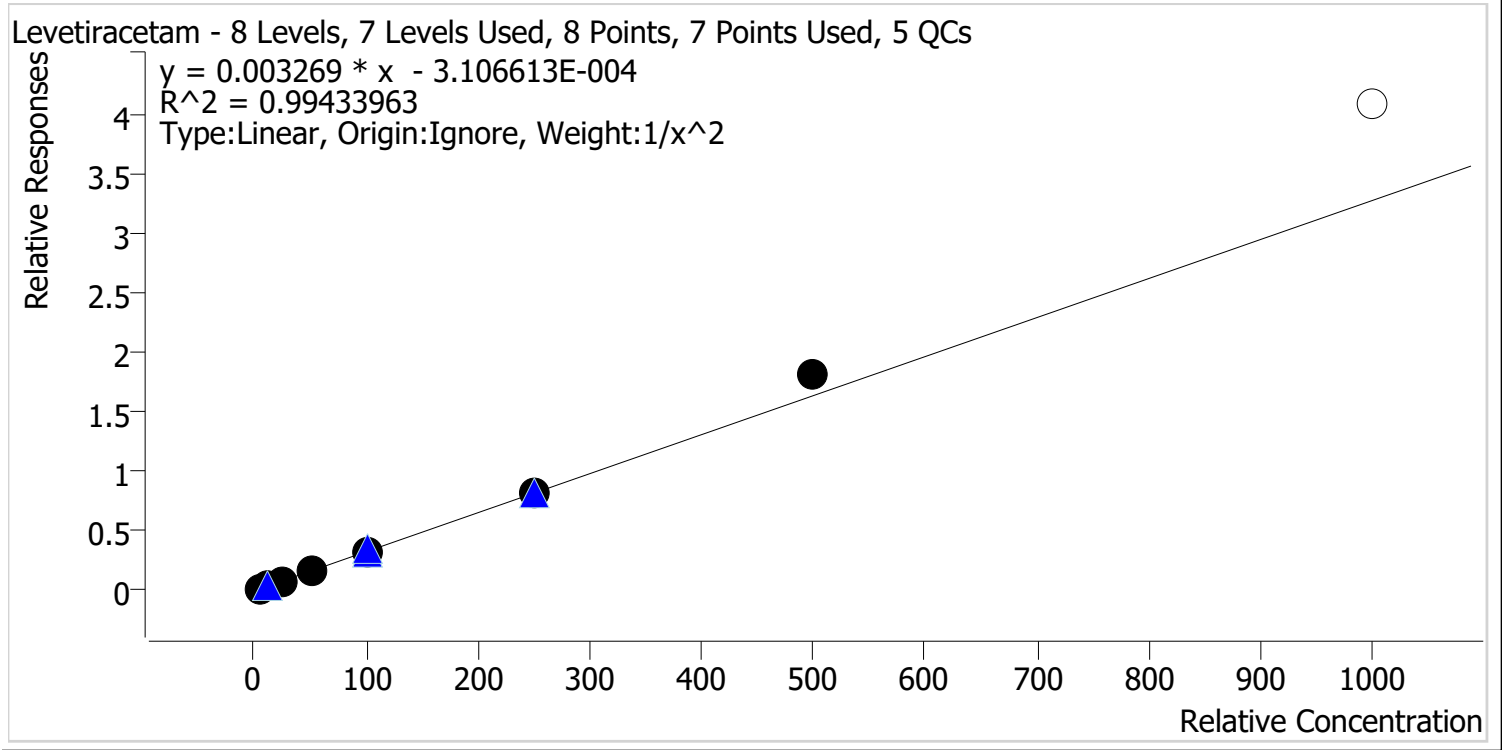
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.1
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	249.4	99.7
p1 Cal 7-500ng	7	✓	500.0	525.0	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1062.2	106.2

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	22.7	91.0
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	555.8	111.2
p1 Cal 8-1000ng	8	✗	1000.0	1249.5	124.9

*Cal 8 dropped due to accuracy

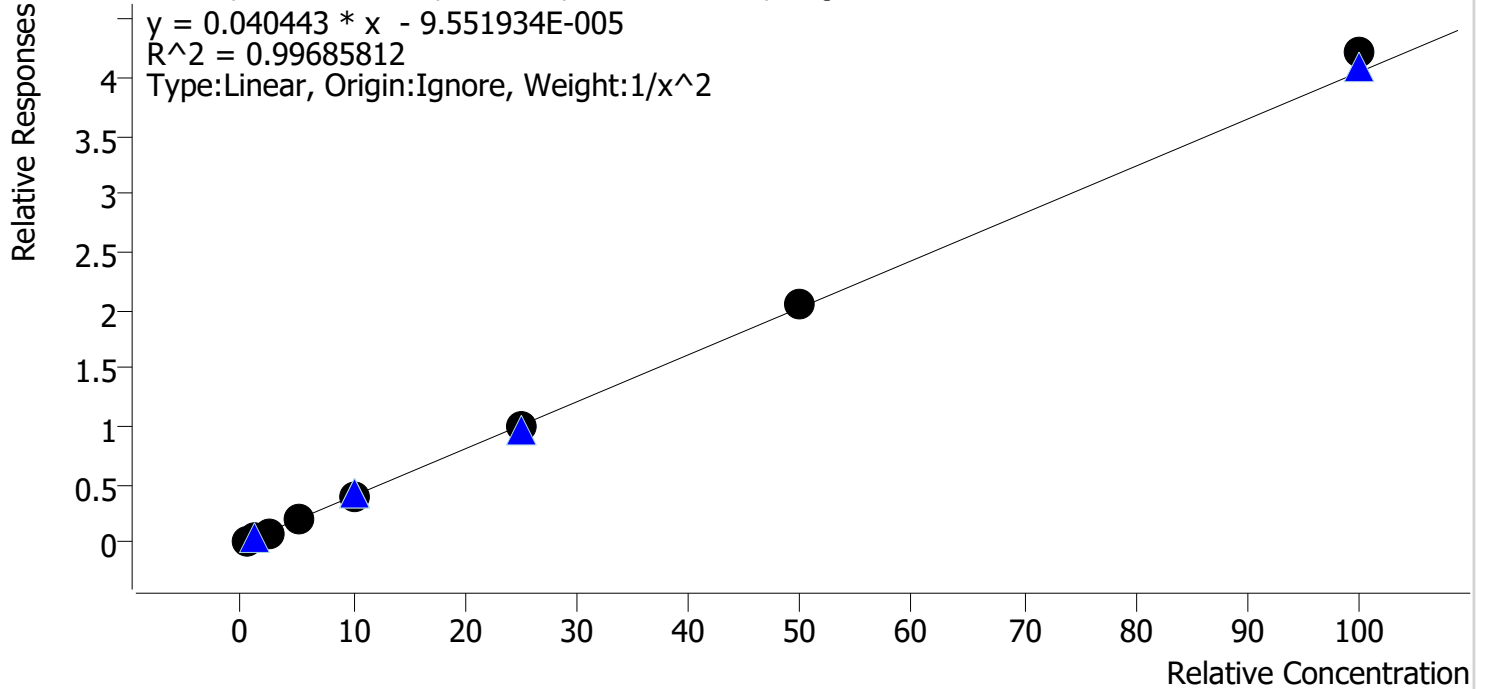
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 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, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.0
p1 Cal 2-10ng	2	✓	1.0	0.9	94.0
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.0
p1 Cal 4-50ng	4	✓	5.0	5.3	105.5
p1 Cal 5-100ng	5	✓	10.0	10.0	100.1
p1 Cal 6-250ng	6	✓	25.0	24.8	99.0
p1 Cal 7-500ng	7	✓	50.0	50.6	101.2
p1 Cal 8-1000ng	8	✓	100.0	104.1	104.1

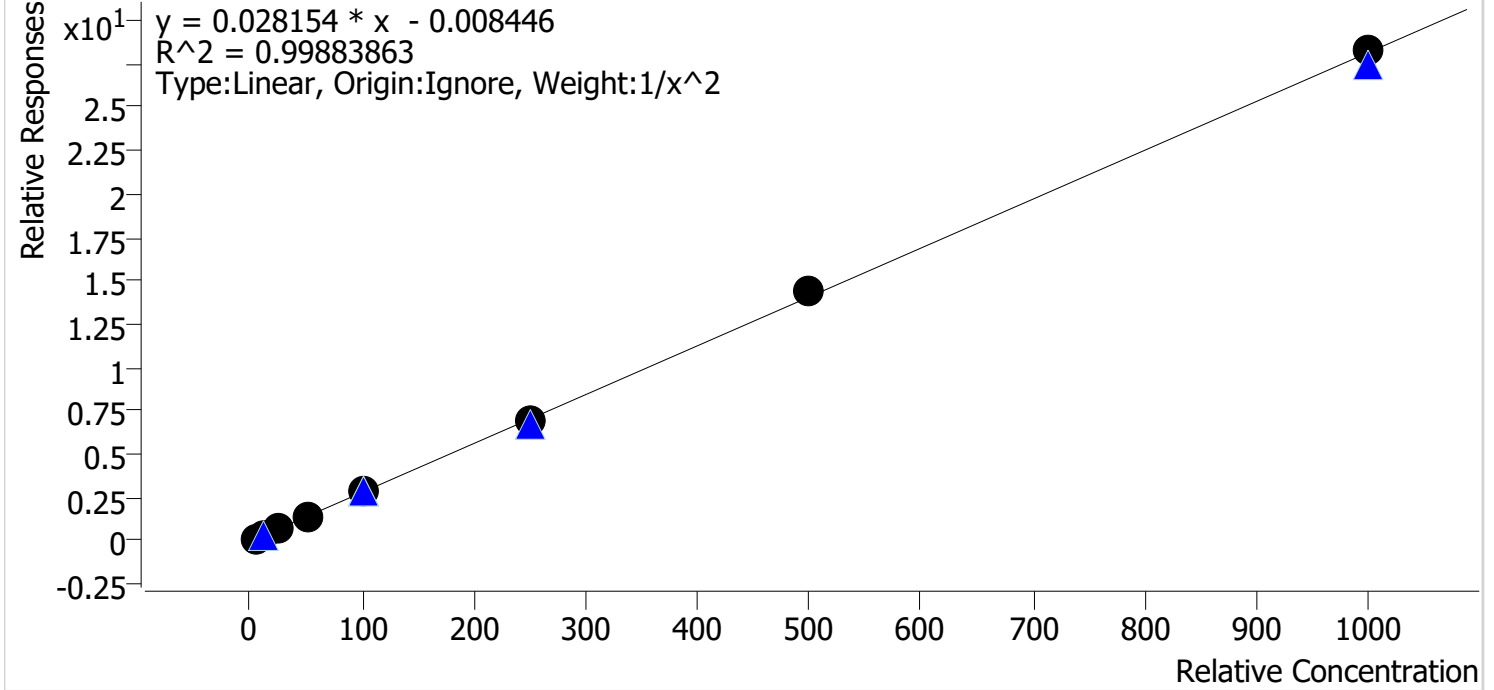
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



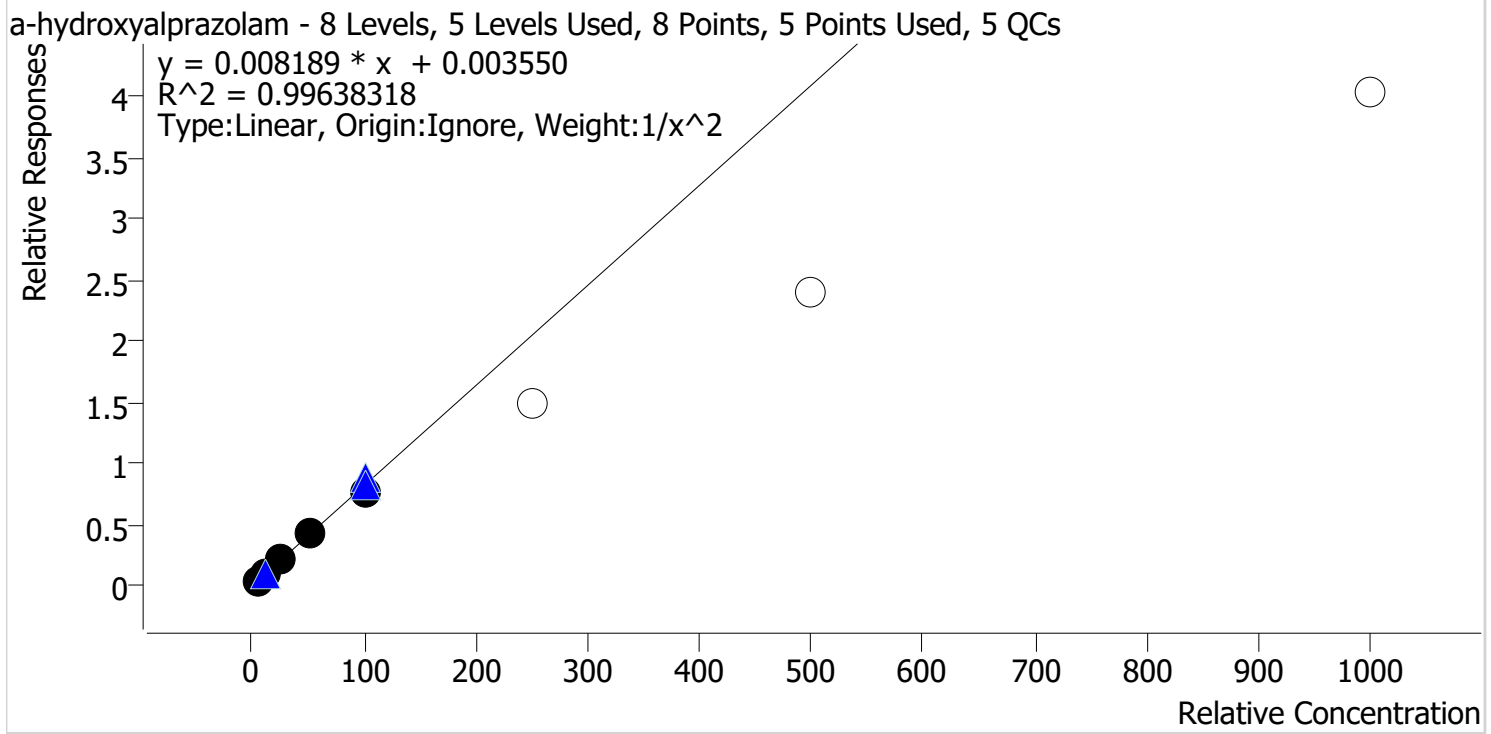
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	511.4	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1004.1	100.4

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 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	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	93.2	93.2
* p1 Cal 6-250ng	6	✗	250.0	181.3	72.5
* p1 Cal 7-500ng	7	✗	500.0	293.5	58.7
* p1 Cal 8-1000ng	8	✗	1000.0	491.9	49.2

*Cal 6, 7, and 8 dropped due to accuracy

Compound evaluated qualitatively

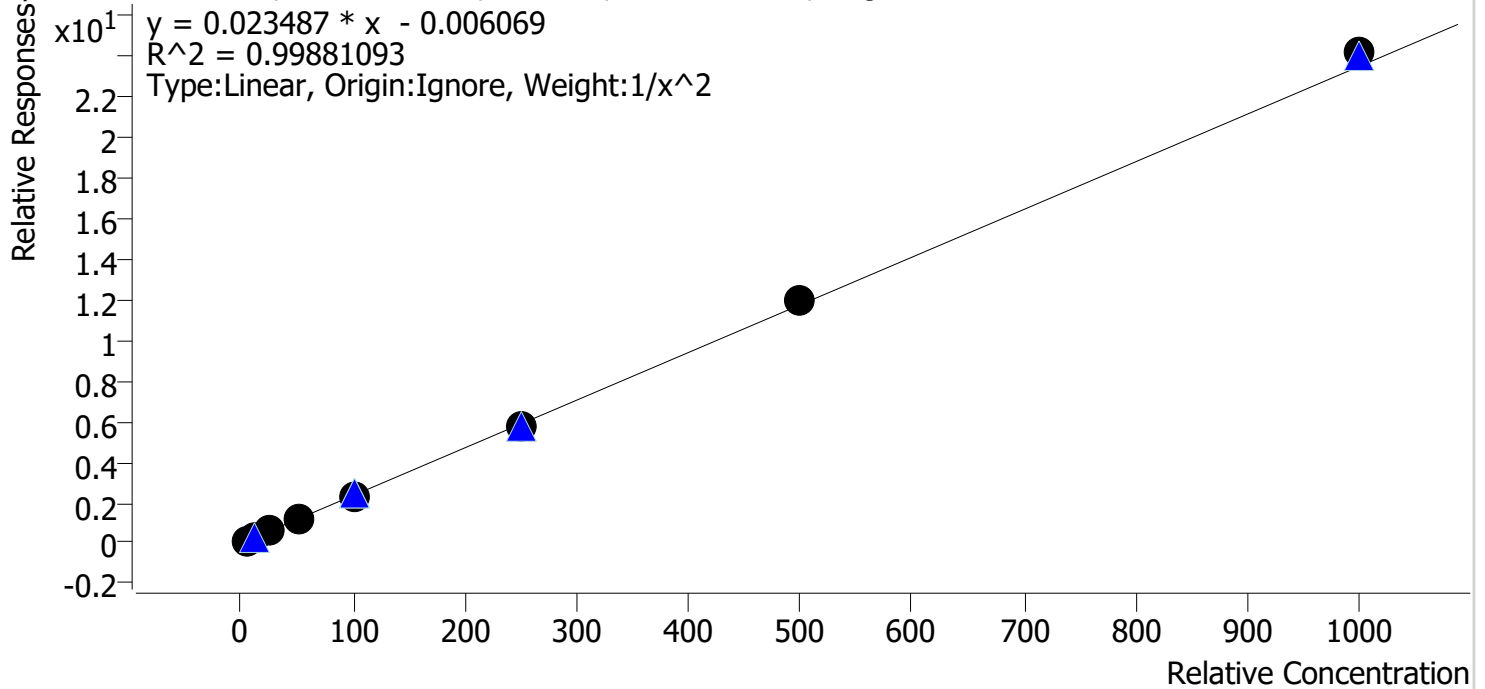
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	512.5	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1029.1	102.9

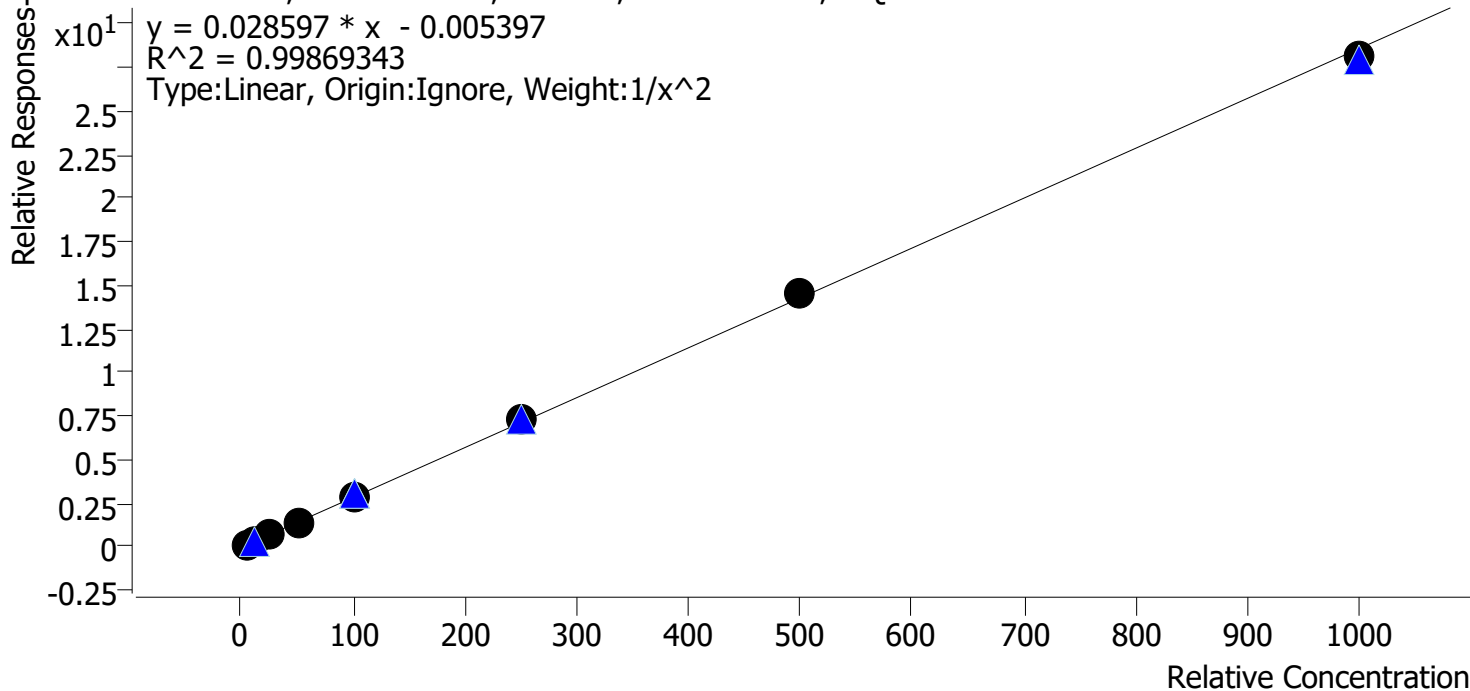
AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

Alprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



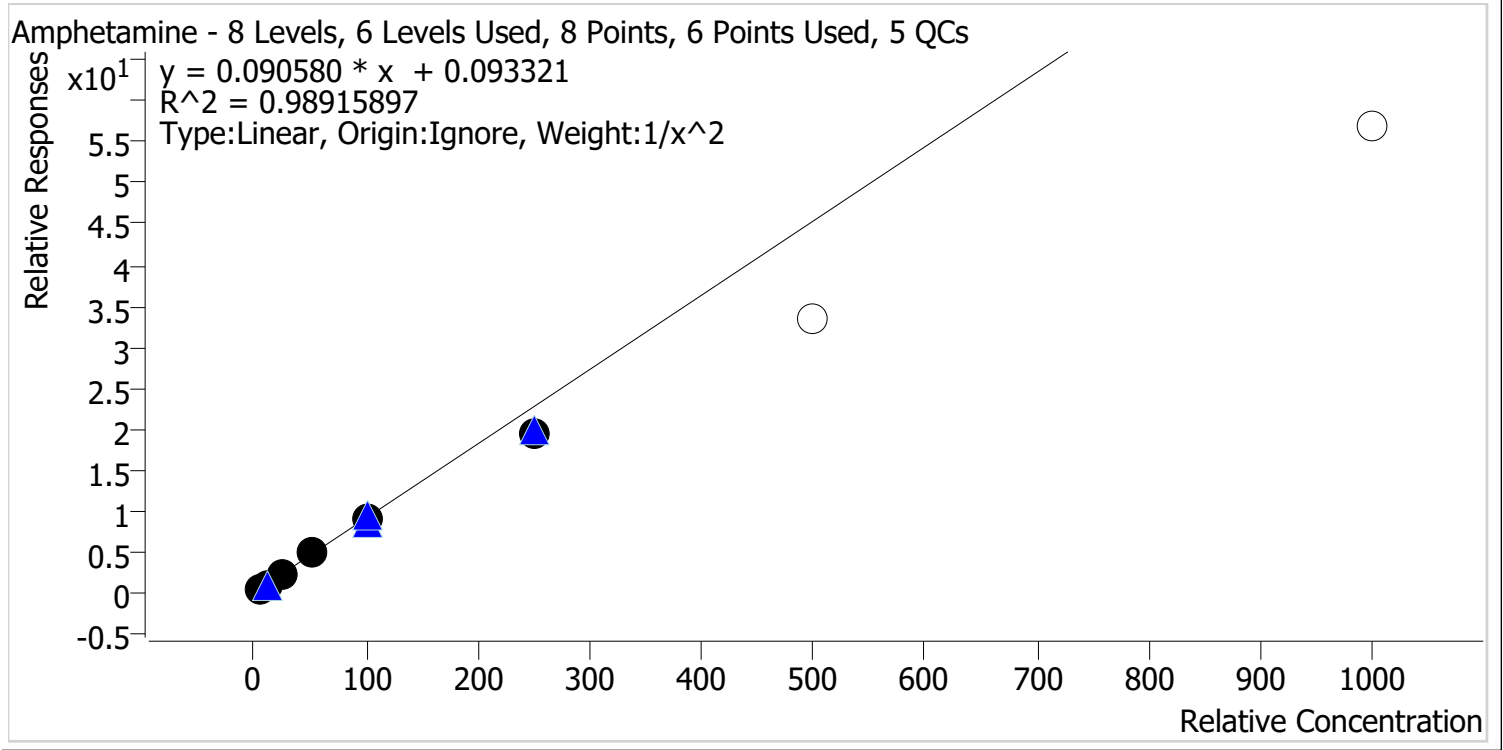
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.6
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	506.8	101.4
p1 Cal 8-1000ng	8	✓	1000.0	983.9	98.4

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	55.2	110.4
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	212.7	85.1
* p1 Cal 7-500ng	7	x	500.0	368.0	73.6
* p1 Cal 8-1000ng	8	x	1000.0	626.7	62.7

*Cal 7 and 8 dropped due to accuracy

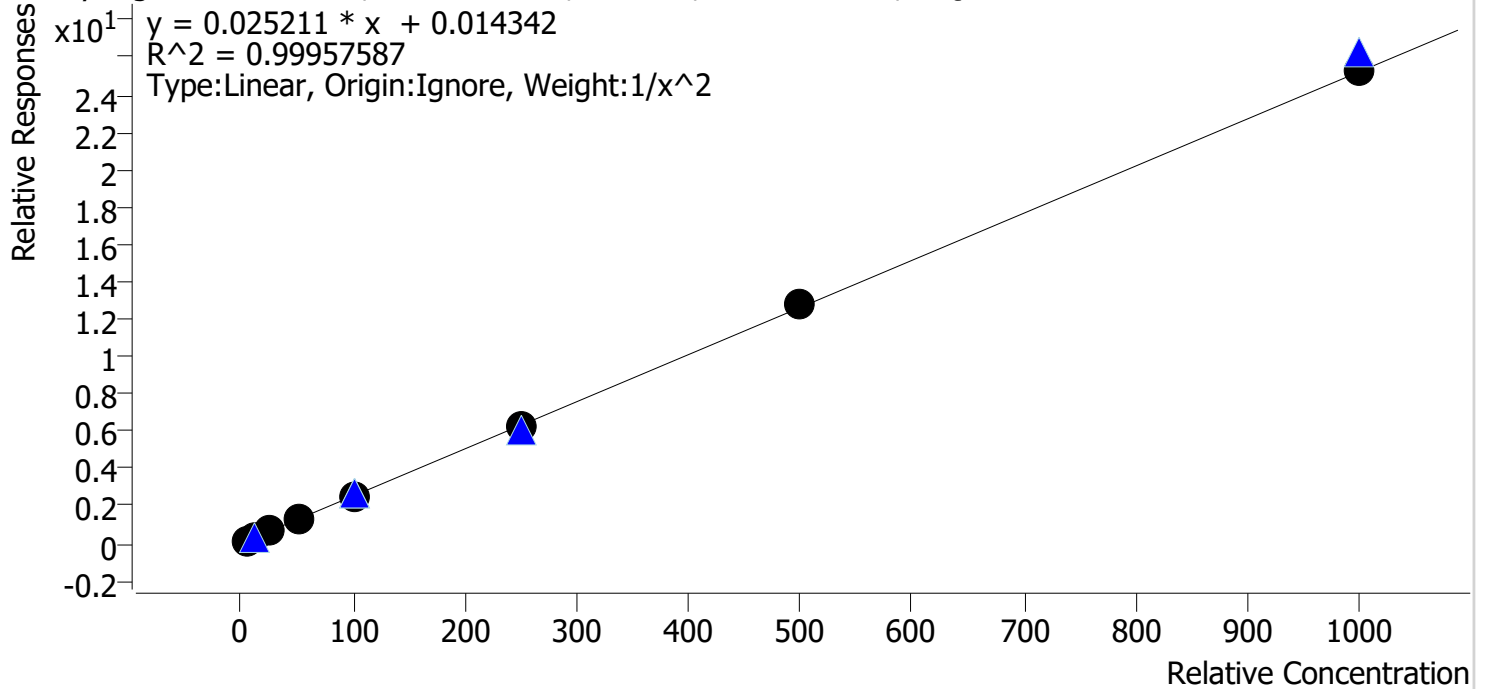
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Benzoyllecgonine **Internal Standard** Benzoyllecgonine-d8

Benzoyllecgonine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 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	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	503.4	100.7
p1 Cal 8-1000ng	8	✓	1000.0	999.1	99.9

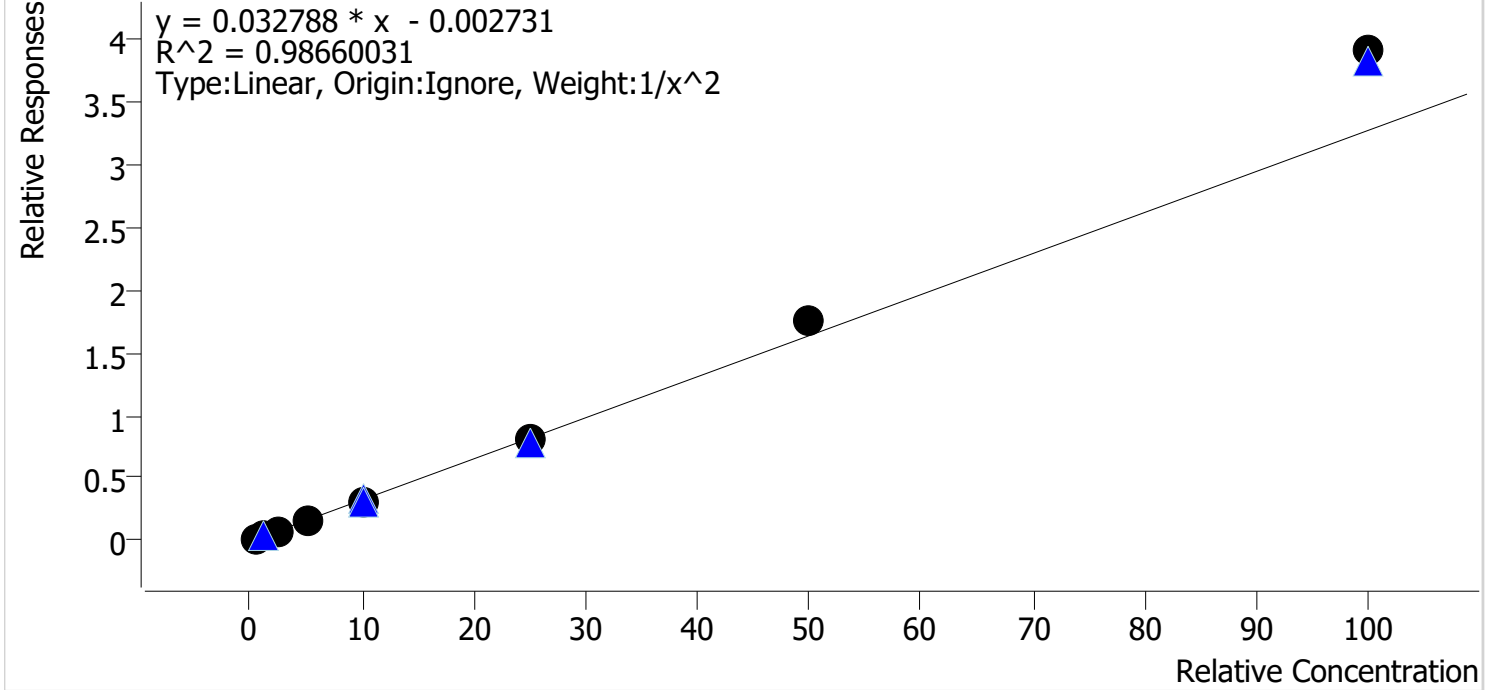
AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.6
p1 Cal 2-10ng	2	✓	1.0	1.0	95.3
p1 Cal 3 -25ng	3	✓	2.5	2.2	88.5
p1 Cal 4-50ng	4	✓	5.0	4.6	92.5
p1 Cal 5-100ng	5	✓	10.0	9.4	93.6
p1 Cal 6-250ng	6	✓	25.0	24.5	97.9
p1 Cal 7-500ng	7	✓	50.0	53.6	107.2
p1 Cal 8-1000ng	8	✓	100.0	119.4	119.4

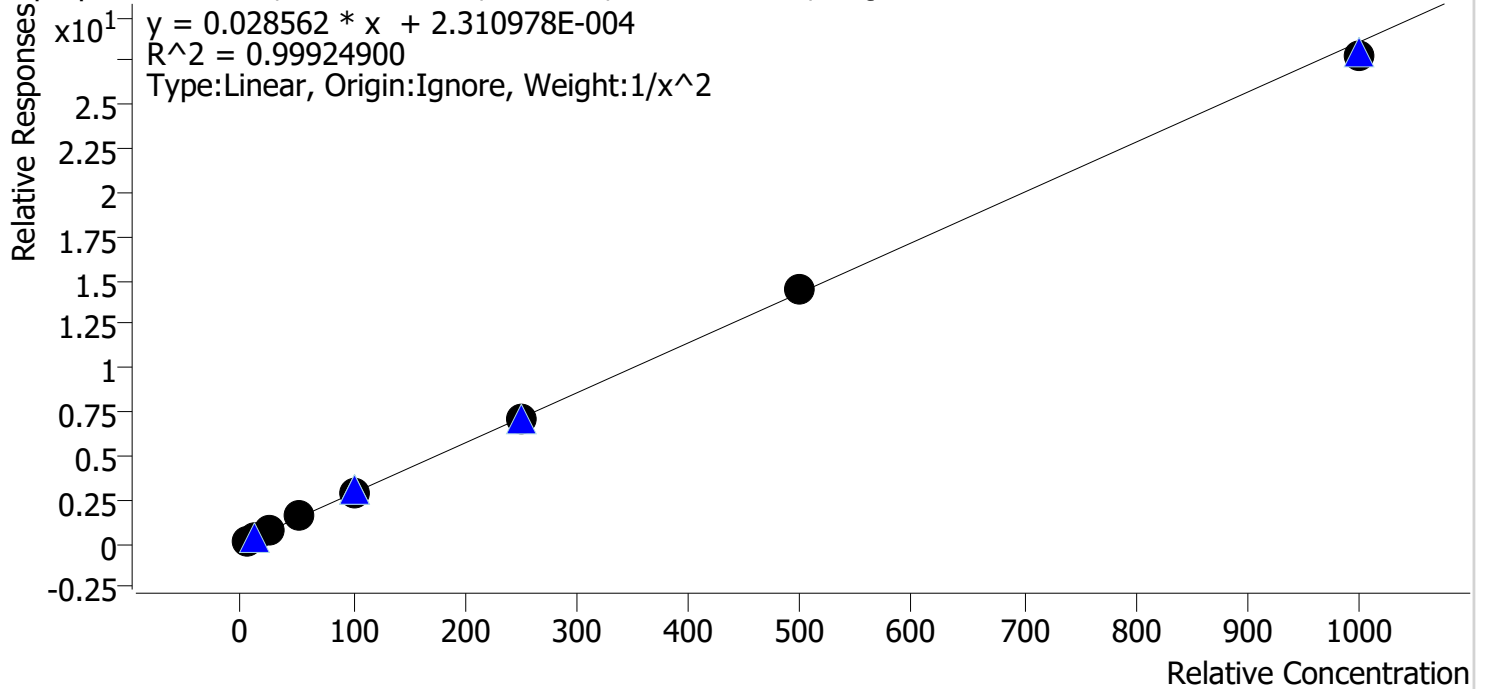
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

Bupropion - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	52.1	104.1
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	505.5	101.1
p1 Cal 8-1000ng	8	✓	1000.0	970.4	97.0

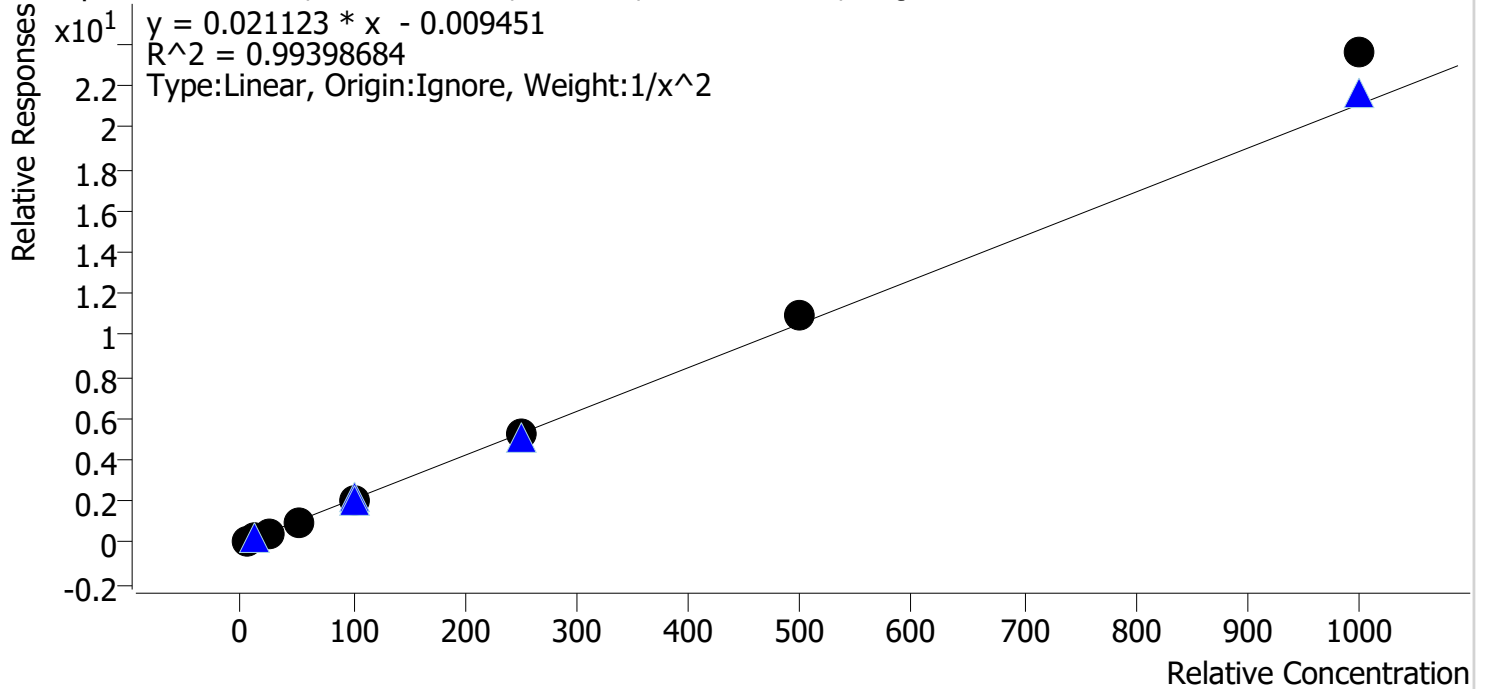
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

Carisoprodol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



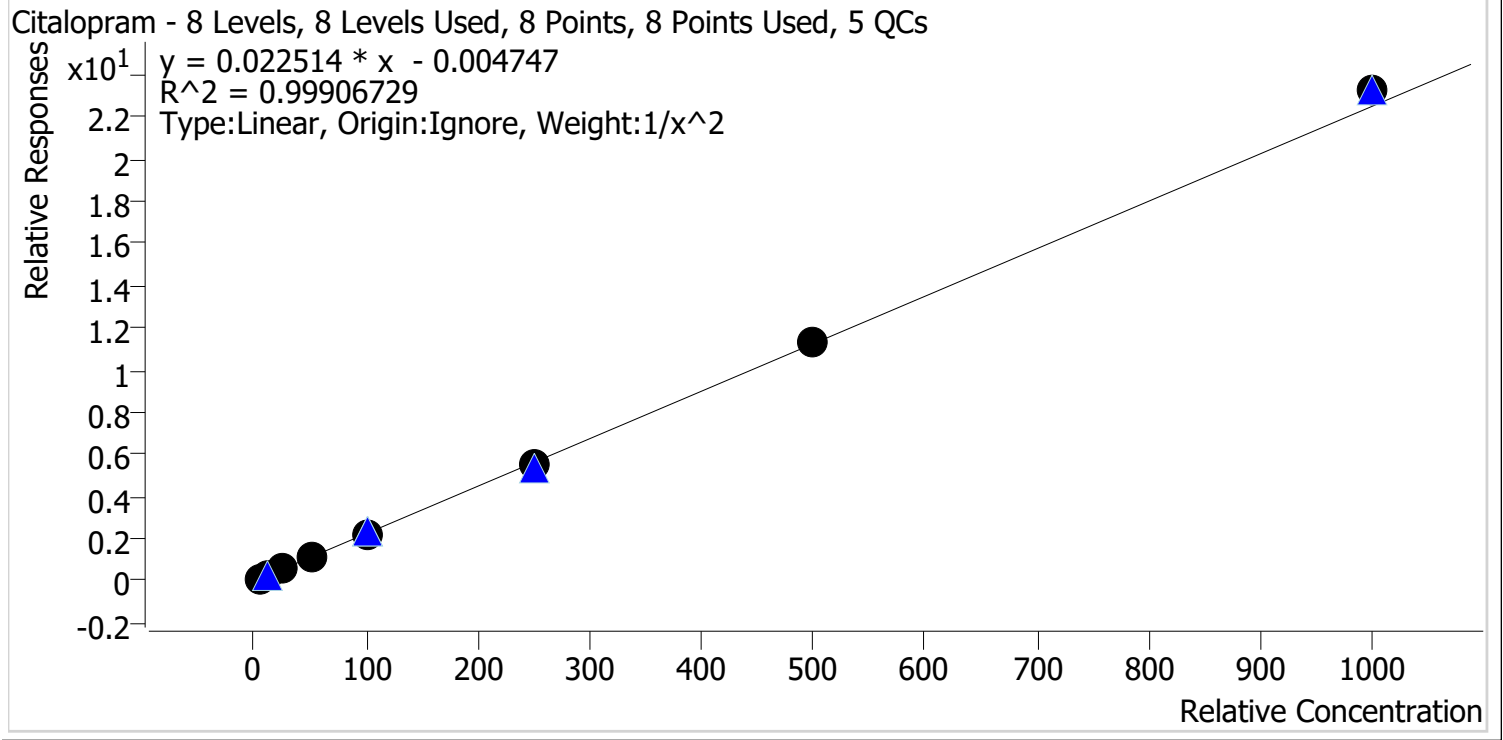
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
p1 Cal 2-10ng	2	✓	10.0	9.5	94.7
p1 Cal 3 -25ng	3	✓	25.0	22.4	89.6
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	516.0	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1118.2	111.8

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



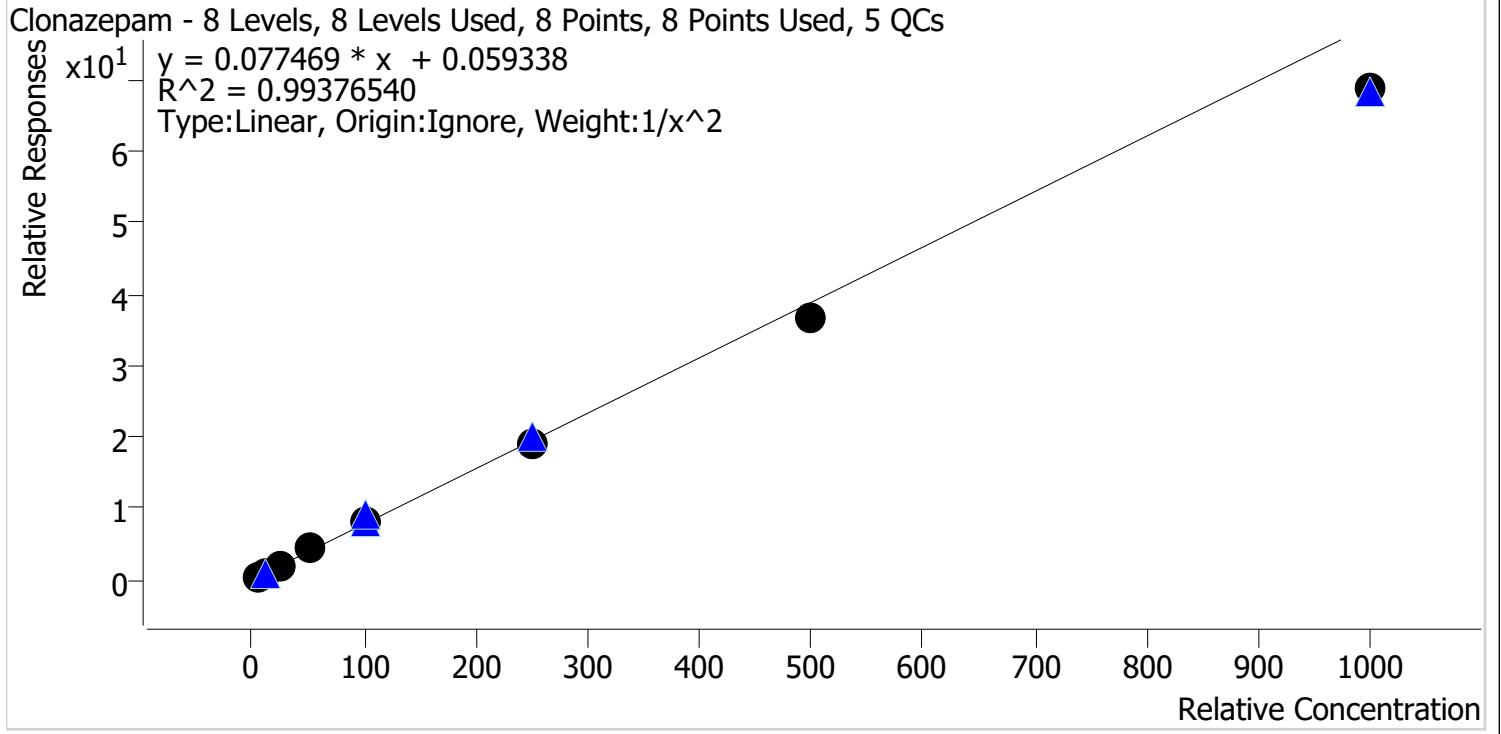
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.6
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	505.1	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1033.0	103.3

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	56.0	111.9
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	475.4	95.1
p1 Cal 8-1000ng	8	✓	1000.0	885.9	88.6

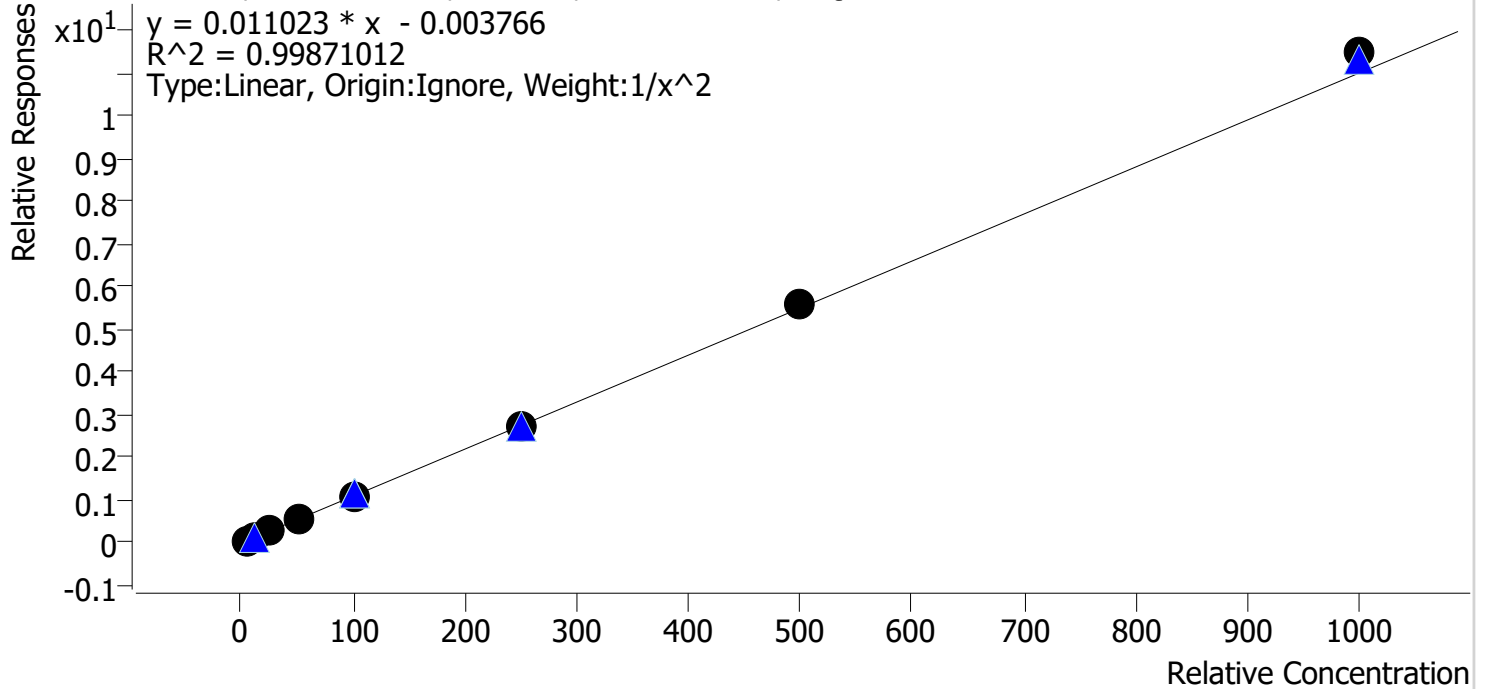
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



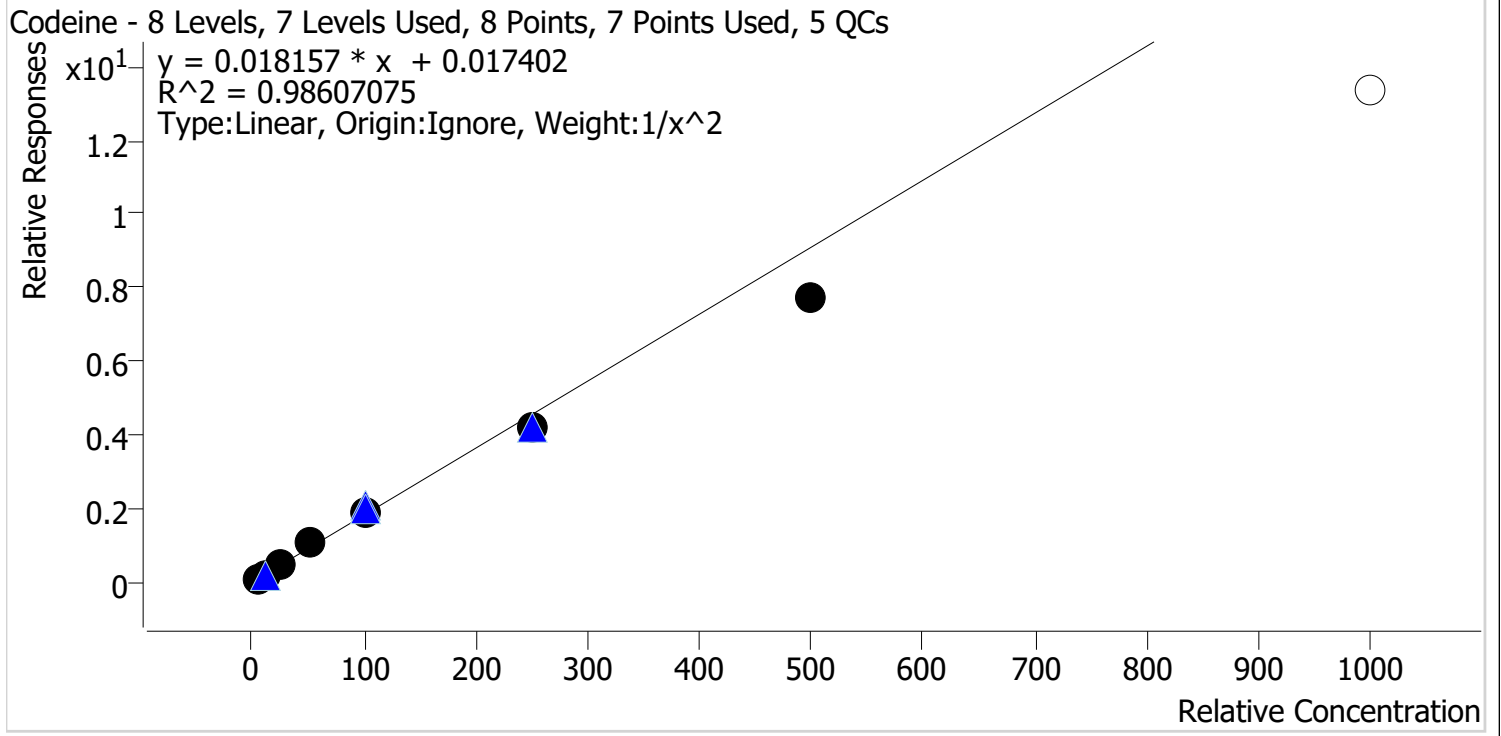
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1043.5	104.3

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	57.7	115.4
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	229.1	91.7
p1 Cal 7-500ng	7	✓	500.0	423.4	84.7
p1 Cal 8-1000ng	8	✗	1000.0	733.8	73.4

*Cal 8 dropped due to accuracy

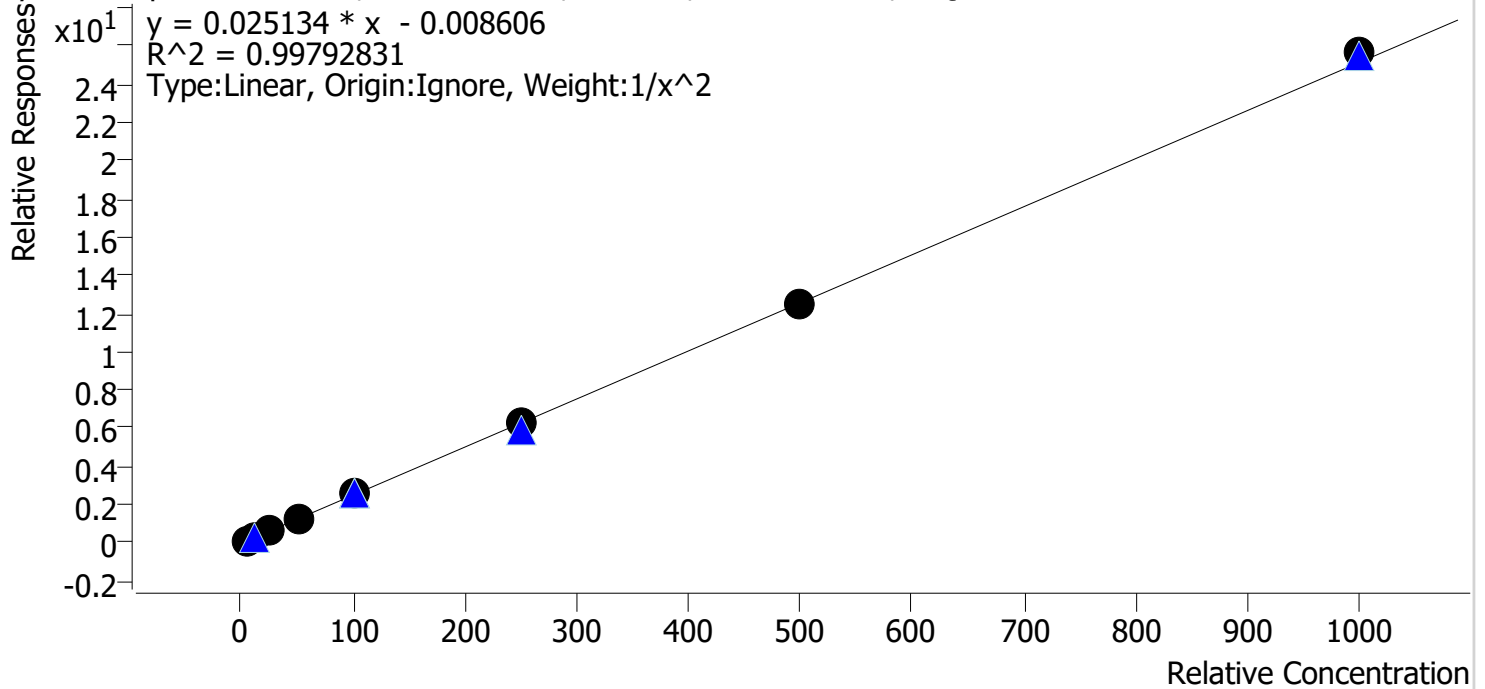
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 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	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.6
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	500.1	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1020.6	102.1

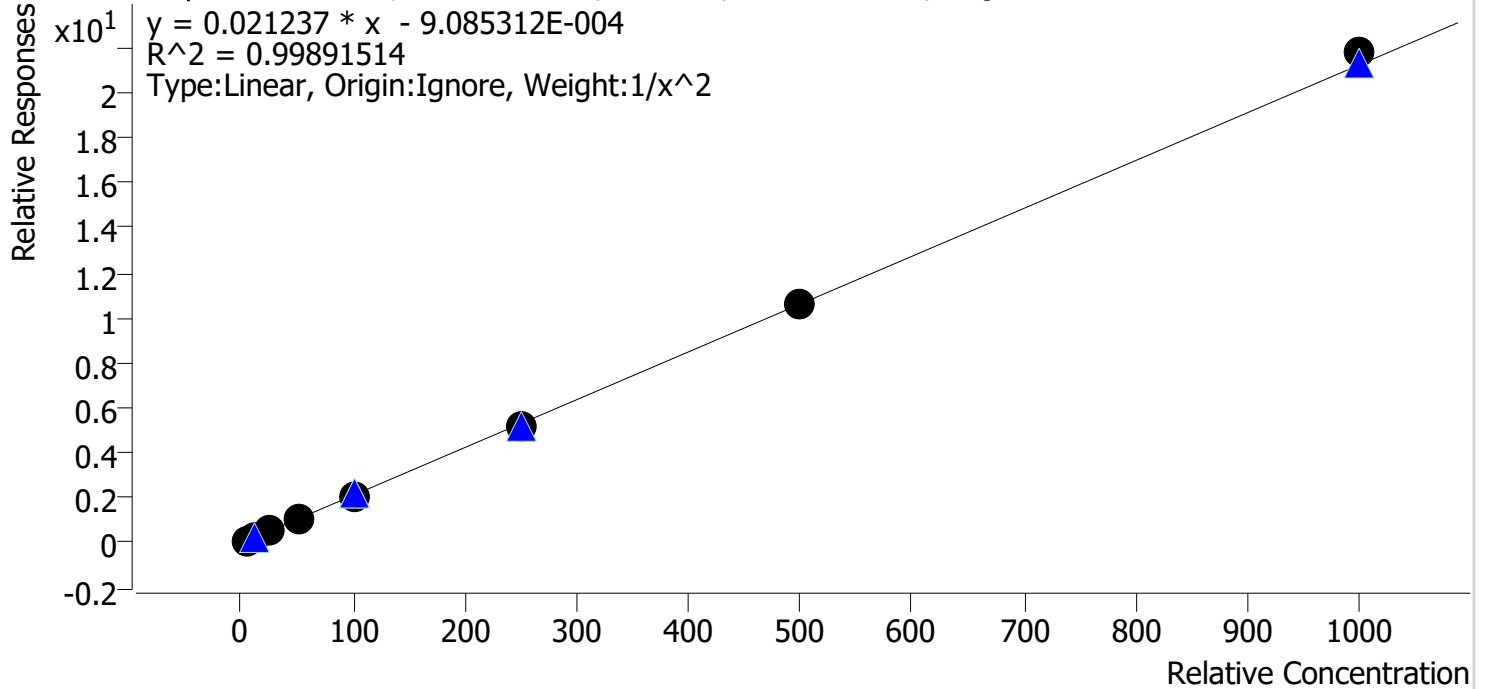
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

Dextromethorphan - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 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	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	245.6	98.2
p1 Cal 7-500ng	7	✓	500.0	496.1	99.2
p1 Cal 8-1000ng	8	✓	1000.0	1025.8	102.6

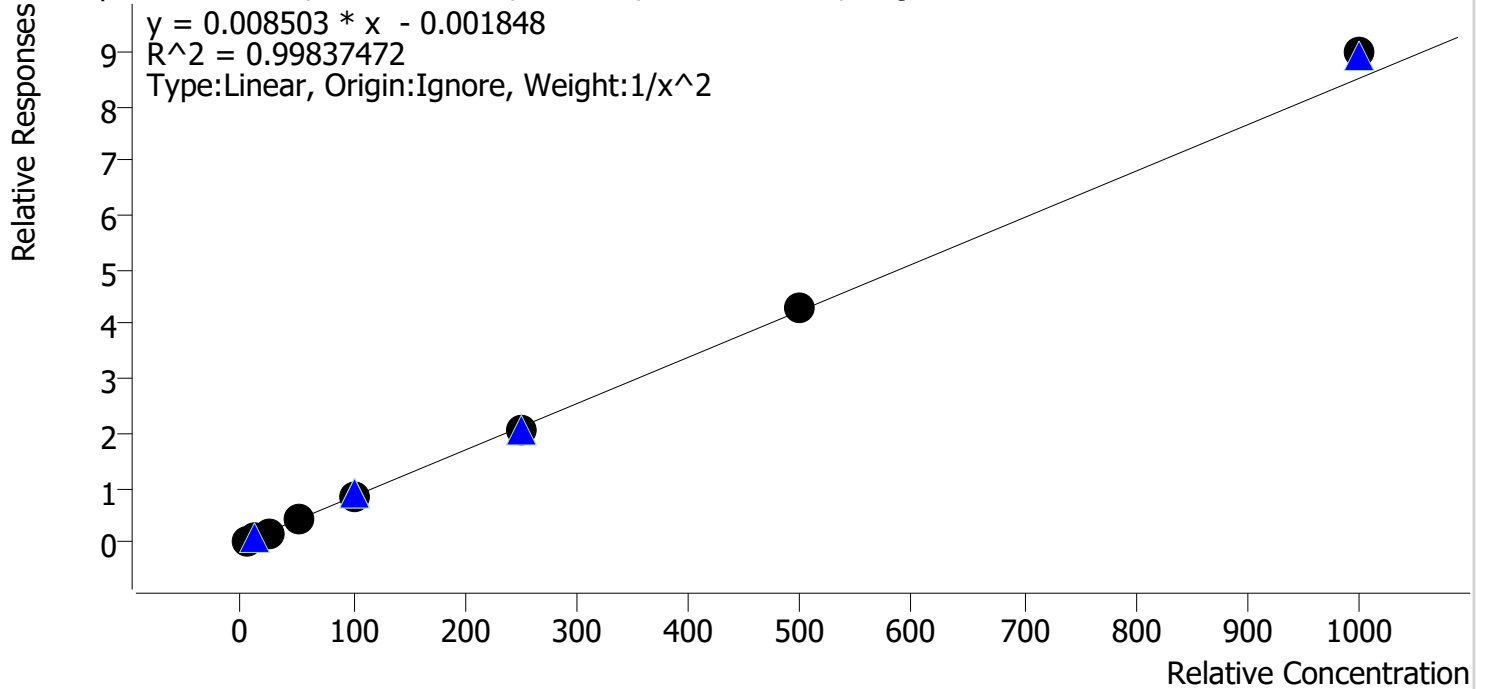
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

Dextrorphan - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



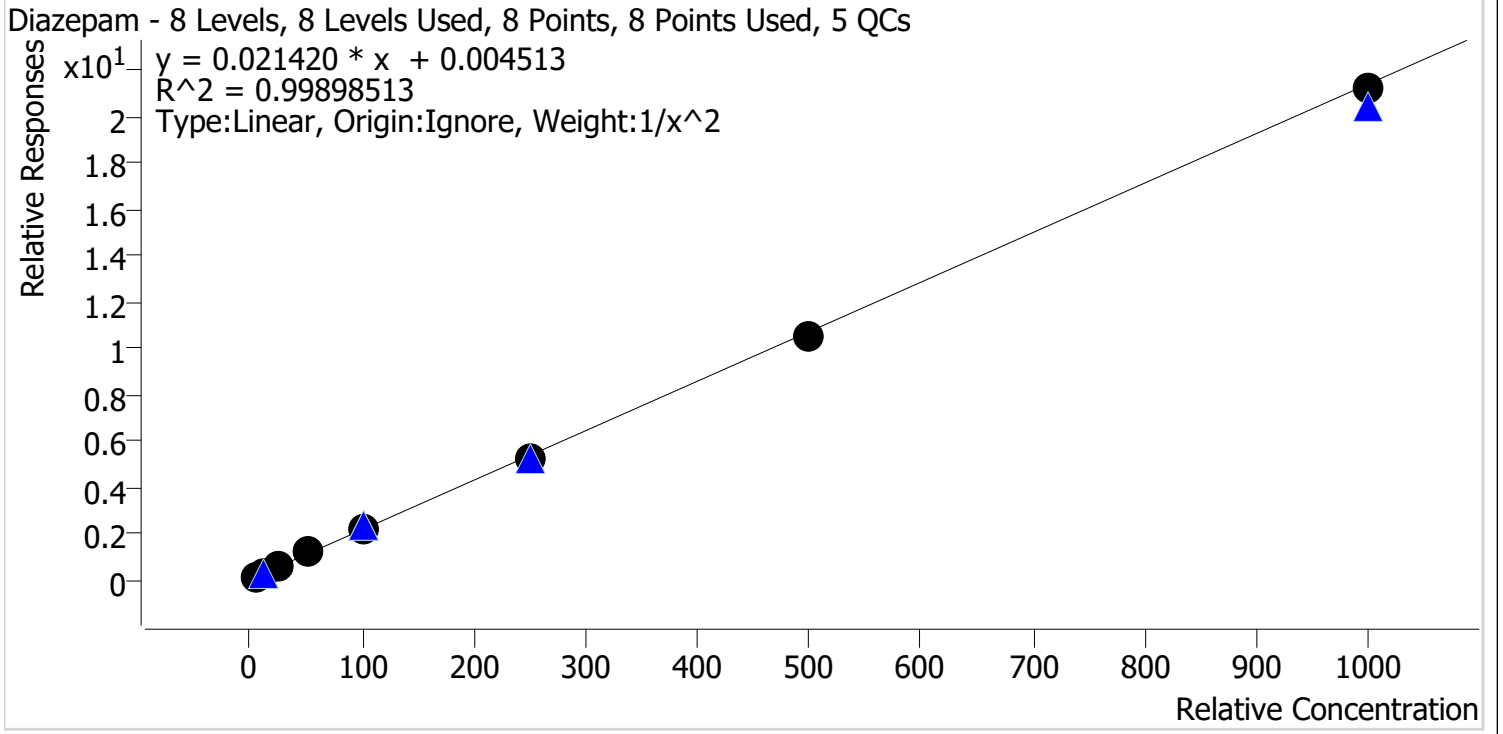
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	504.4	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1055.4	105.5

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	245.6	98.2
p1 Cal 7-500ng	7	✓	500.0	488.0	97.6
p1 Cal 8-1000ng	8	✓	1000.0	990.8	99.1

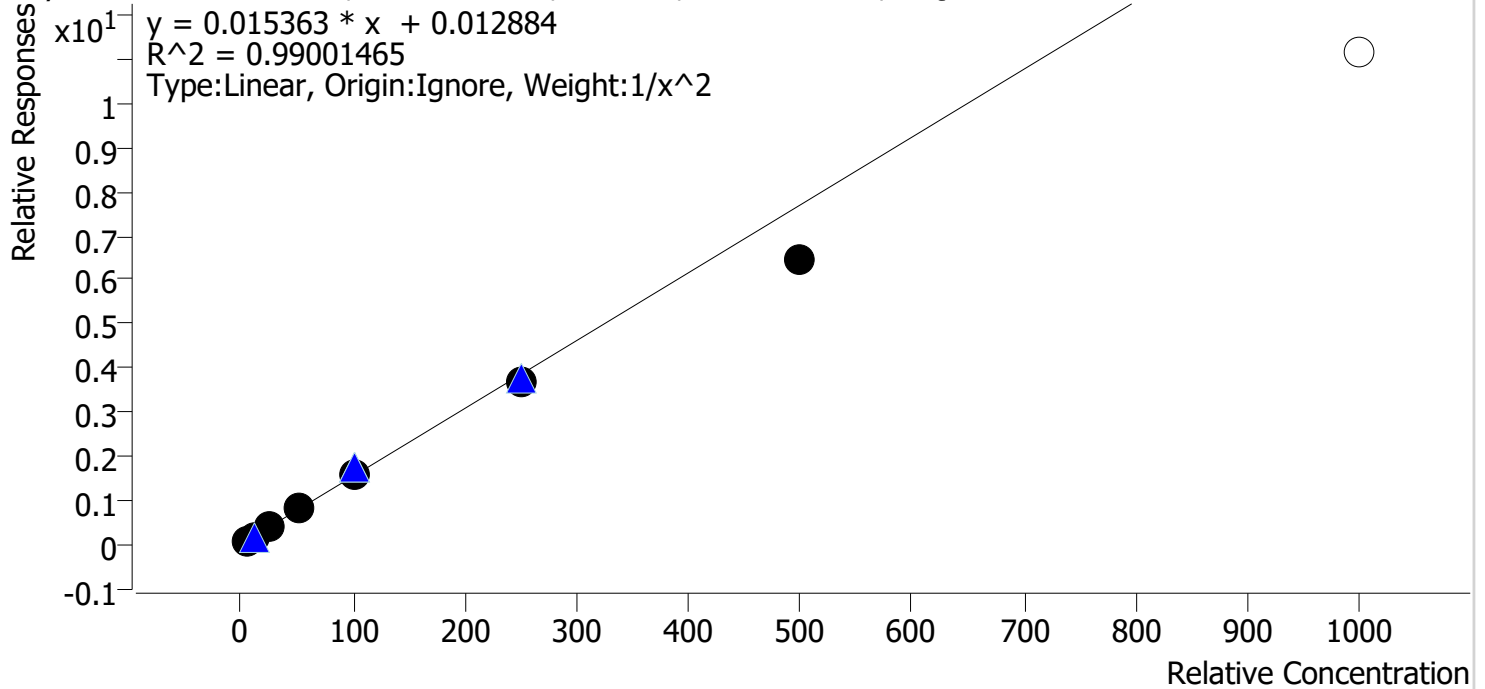
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	55.2	110.4
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	241.2	96.5
p1 Cal 7-500ng	7	✓	500.0	421.3	84.3
p1 Cal 8-1000ng	8	✗	1000.0	724.6	72.5

*Cal 8 dropped due to accuracy

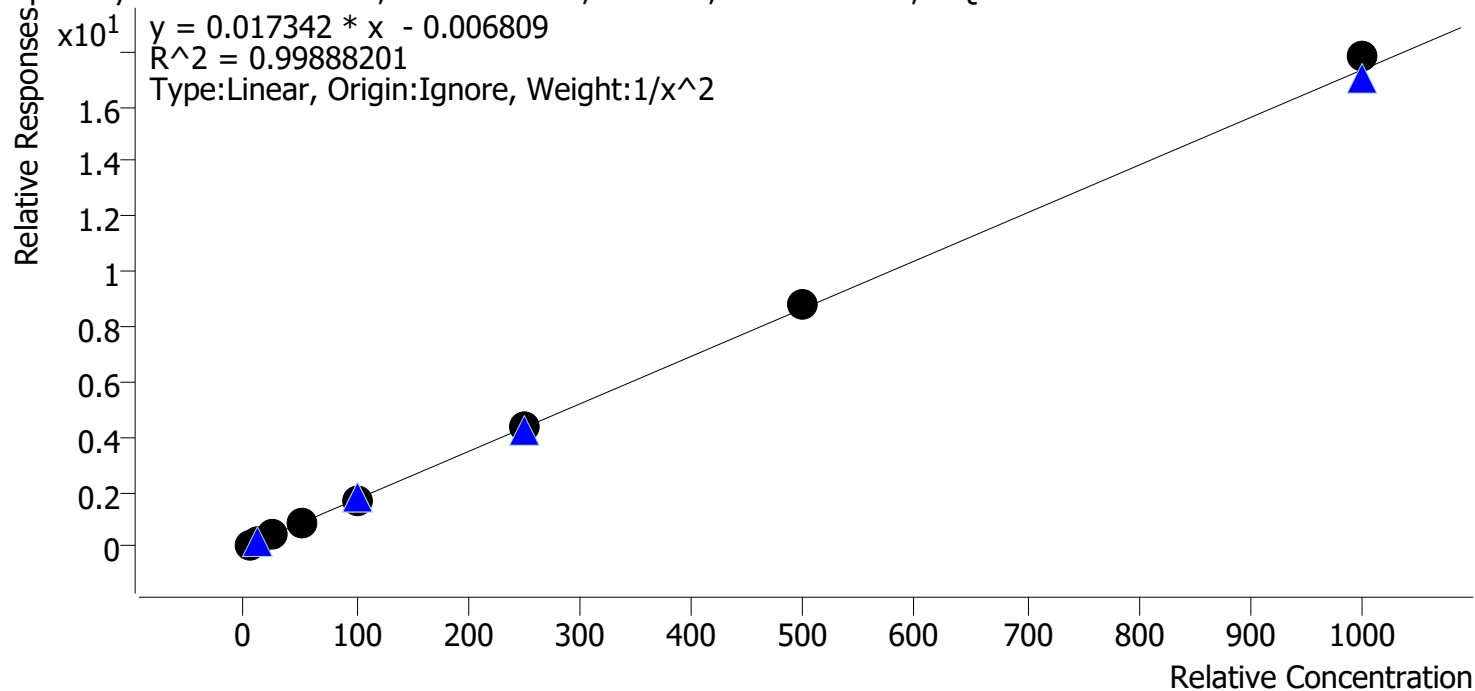
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

Diphenhydramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



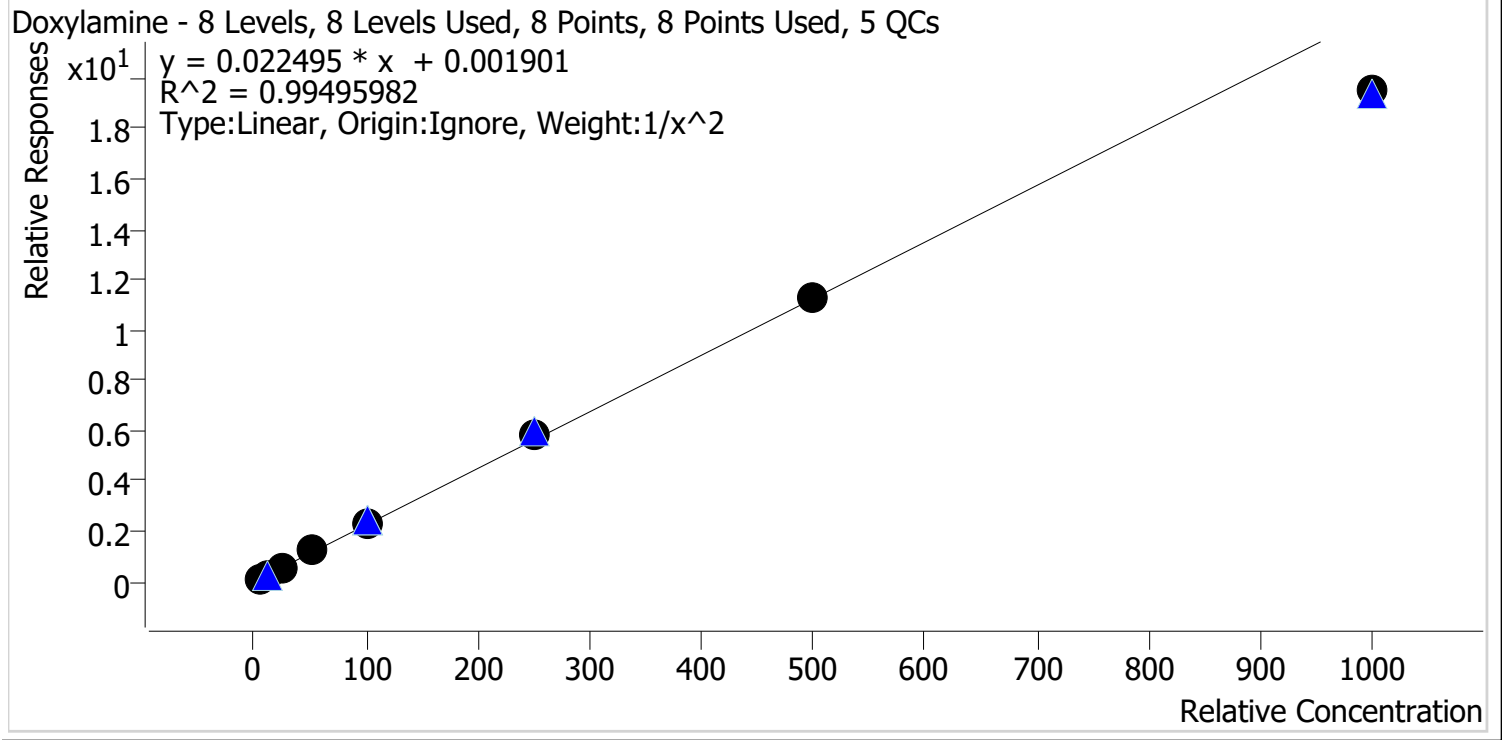
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.4
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	506.2	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1027.7	102.8

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	53.6	107.1
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	261.1	104.4
p1 Cal 7-500ng	7	✓	500.0	503.1	100.6
p1 Cal 8-1000ng	8	✓	1000.0	867.7	86.8

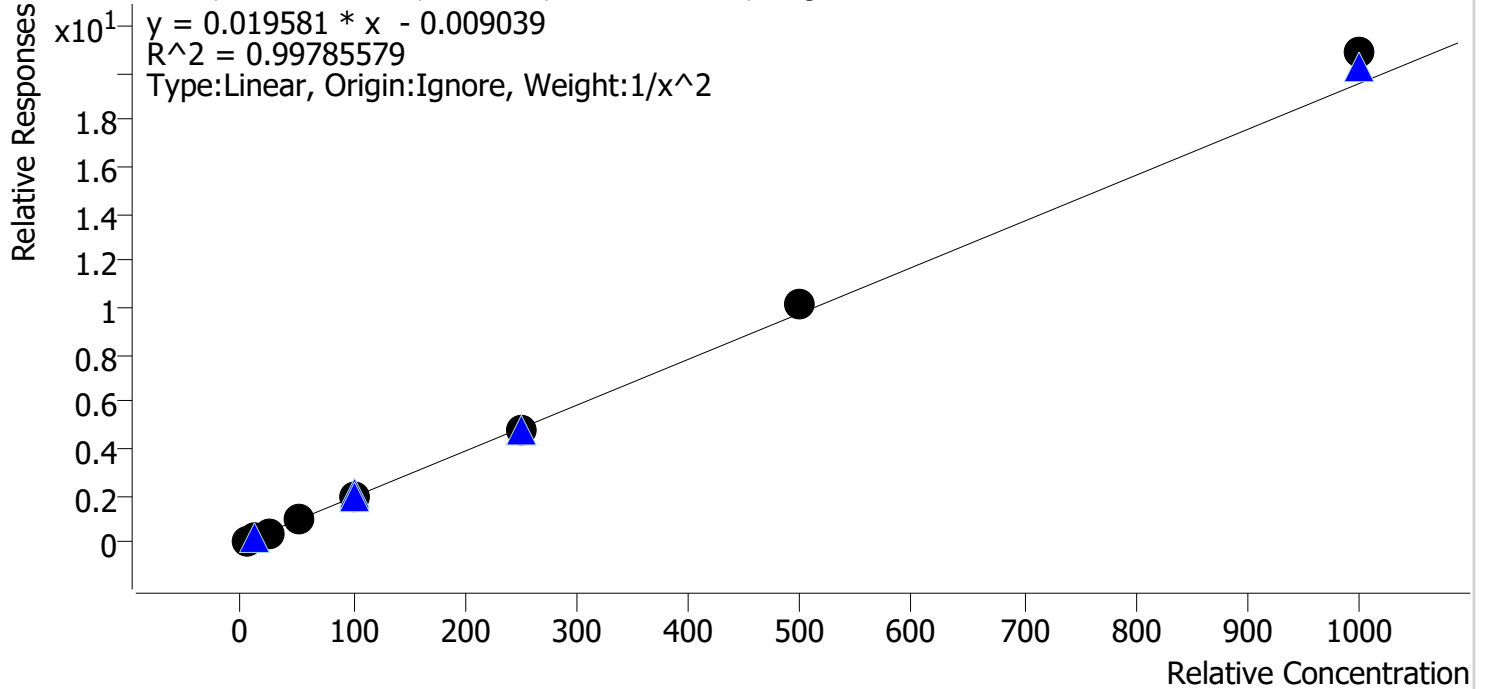
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

EDDP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	247.6	99.1
p1 Cal 7-500ng	7	✓	500.0	517.1	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1067.3	106.7

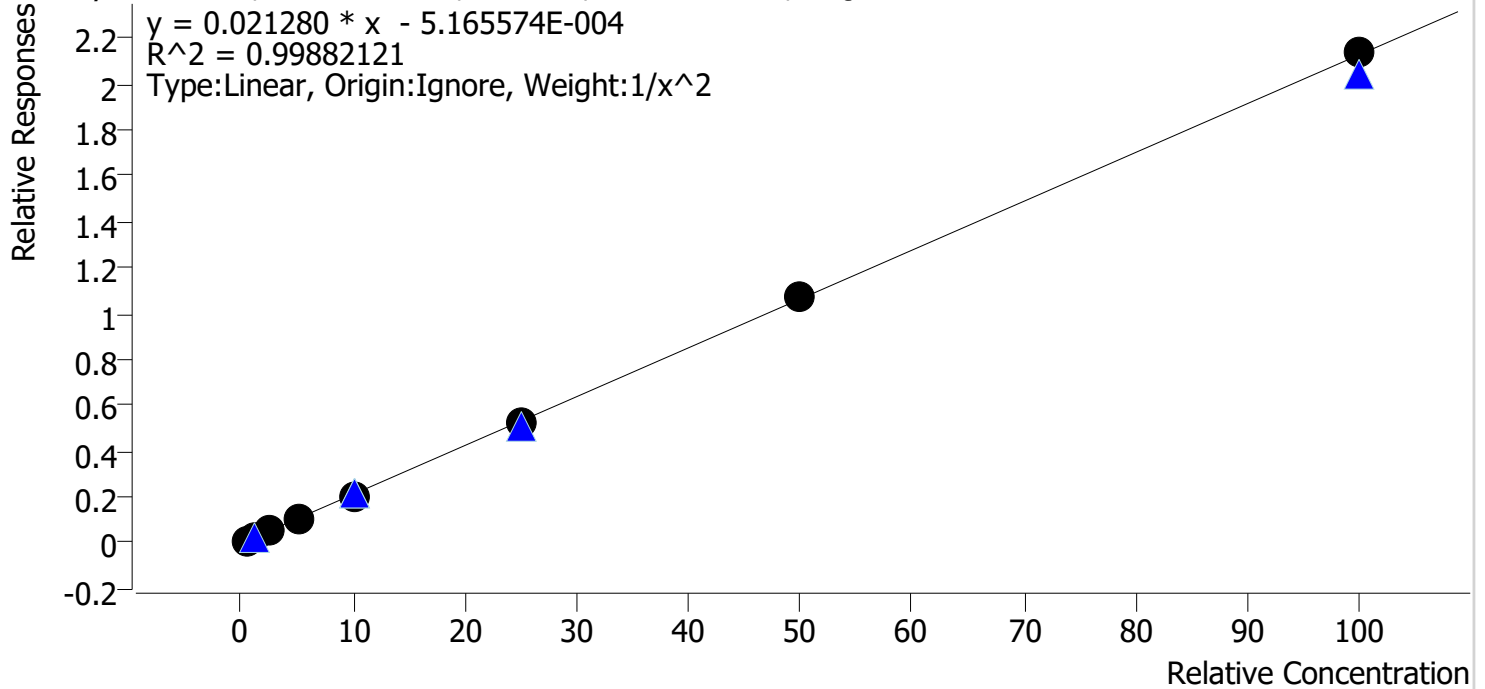
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

Fentanyl - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



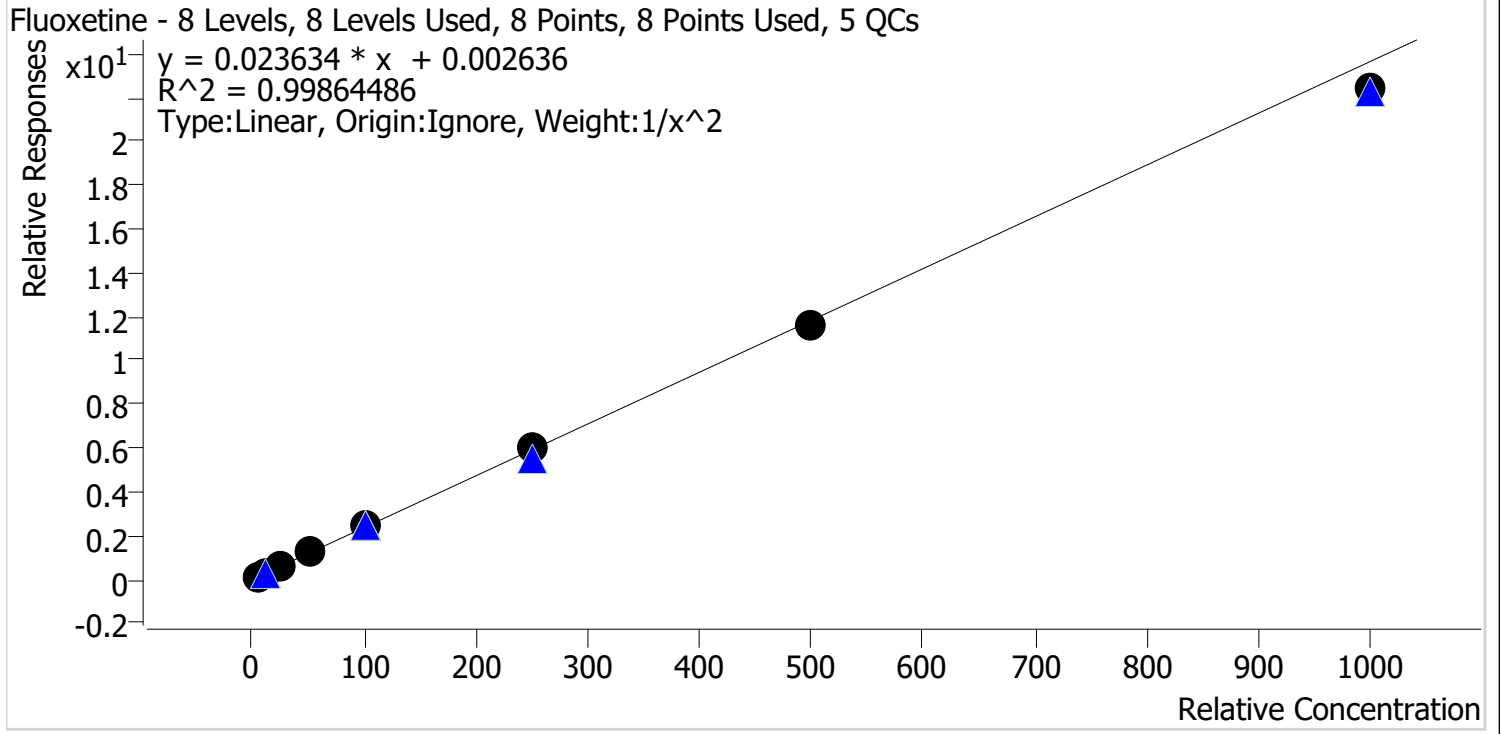
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.9
p1 Cal 2-10ng	2	✓	1.0	1.0	103.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.9
p1 Cal 4-50ng	4	✓	5.0	5.2	104.4
p1 Cal 5-100ng	5	✓	10.0	9.8	97.7
p1 Cal 6-250ng	6	✓	25.0	24.4	97.7
p1 Cal 7-500ng	7	✓	50.0	50.8	101.7
p1 Cal 8-1000ng	8	✓	100.0	100.5	100.5

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 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	100.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	254.6	101.9
p1 Cal 7-500ng	7	✓	500.0	493.9	98.8
p1 Cal 8-1000ng	8	✓	1000.0	947.7	94.8

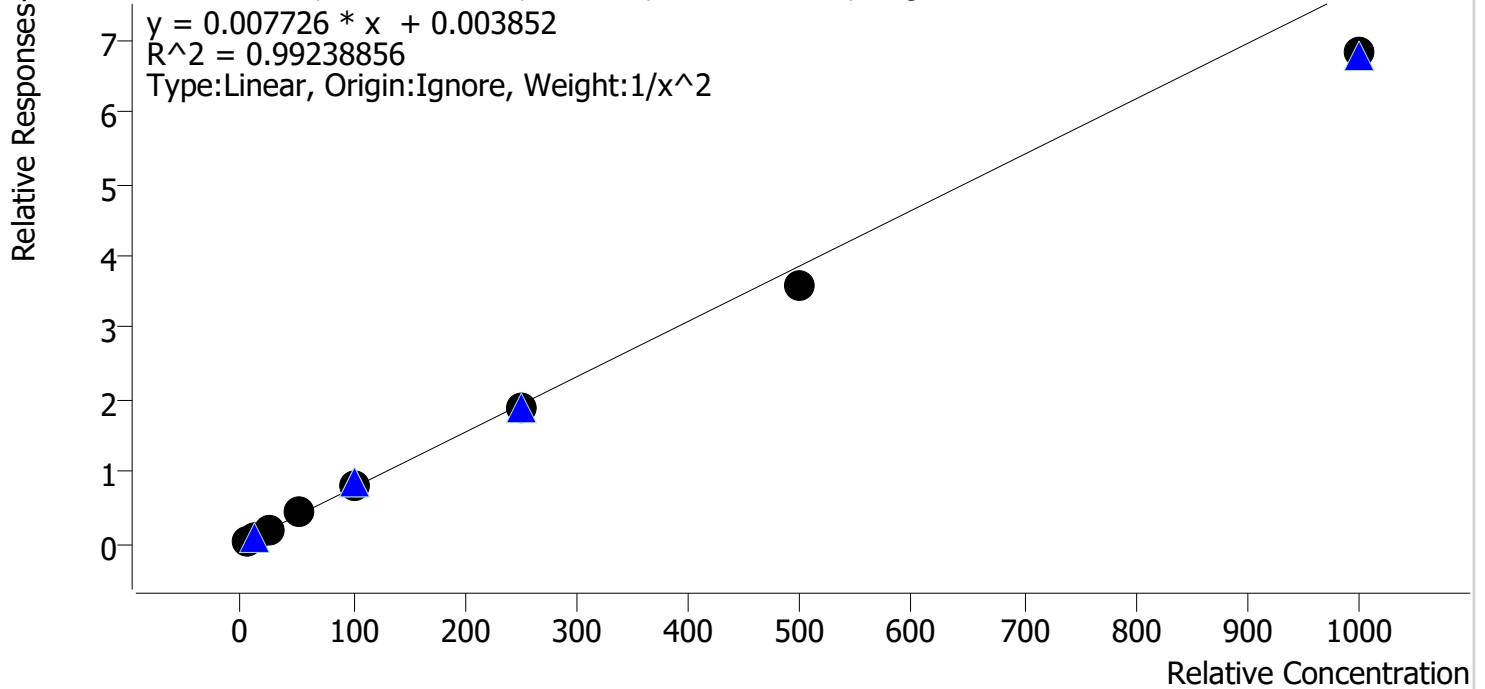
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

Hydrocodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	56.2	112.5
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	244.9	98.0
p1 Cal 7-500ng	7	✓	500.0	465.3	93.1
p1 Cal 8-1000ng	8	✓	1000.0	883.6	88.4

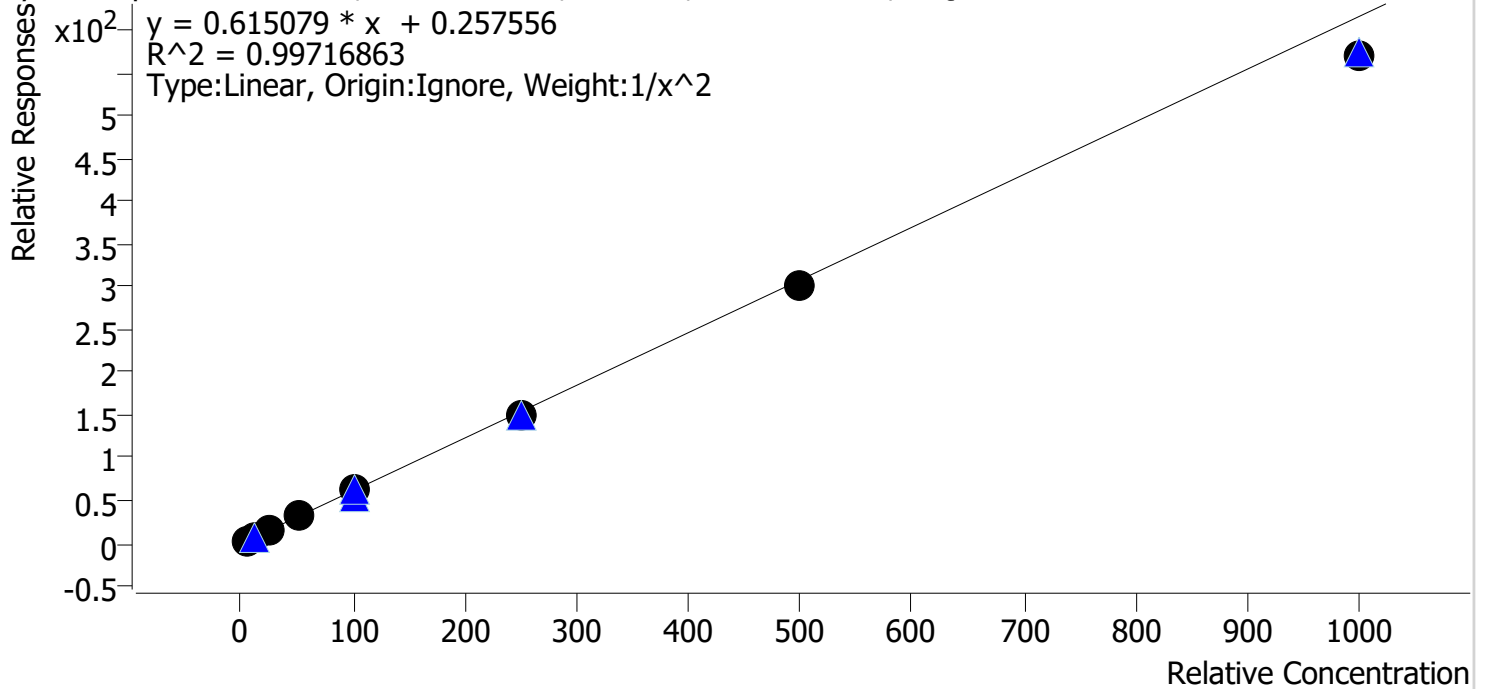
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Morphine-D6

Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



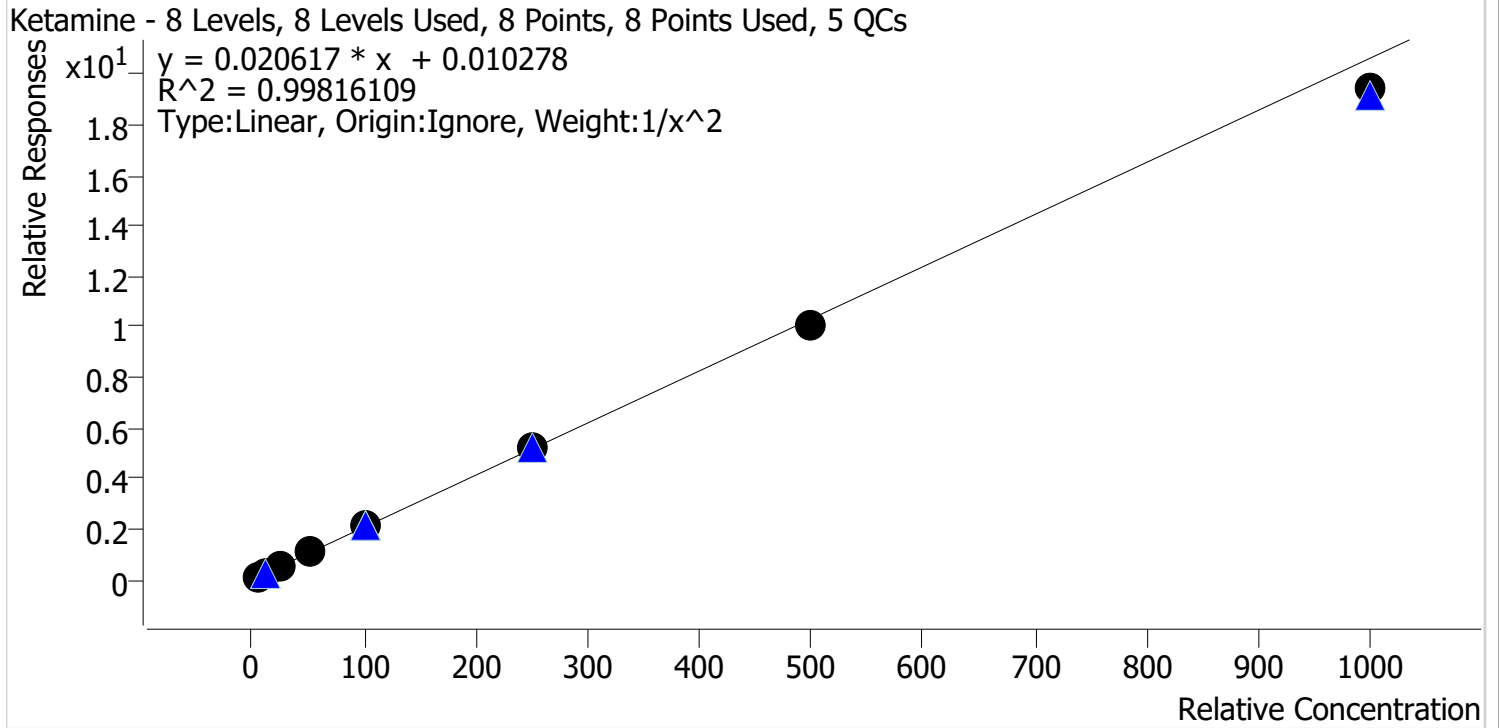
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	54.3	108.7
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	492.2	98.4
p1 Cal 8-1000ng	8	✓	1000.0	924.6	92.5

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



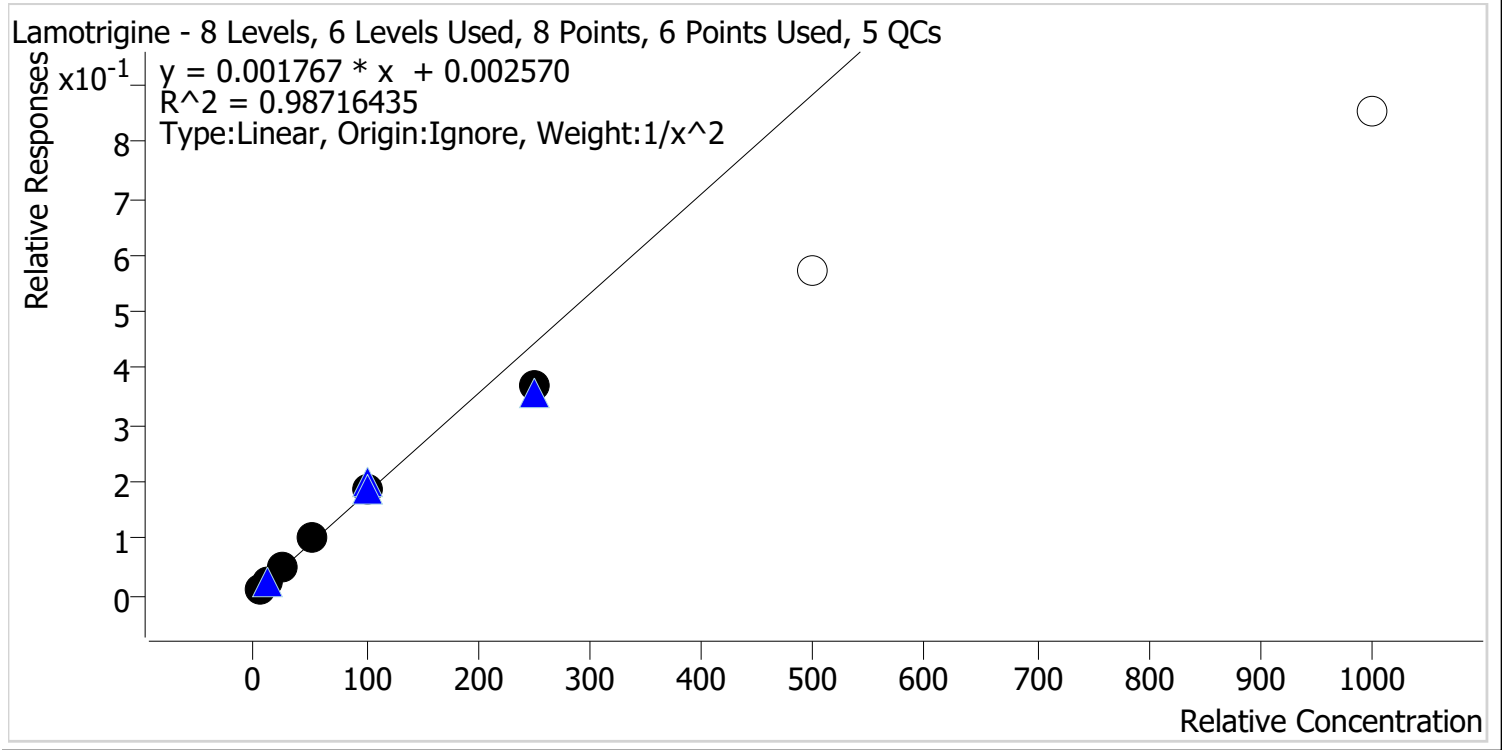
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	53.6	107.1
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	490.9	98.2
p1 Cal 8-1000ng	8	✓	1000.0	941.6	94.2

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	54.5	109.1
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	207.5	83.0
* p1 Cal 7-500ng	7	x	500.0	324.2	64.8
* p1 Cal 8-1000ng	8	x	1000.0	481.2	48.1

*Cal 7 and 8 dropped due to accuracy

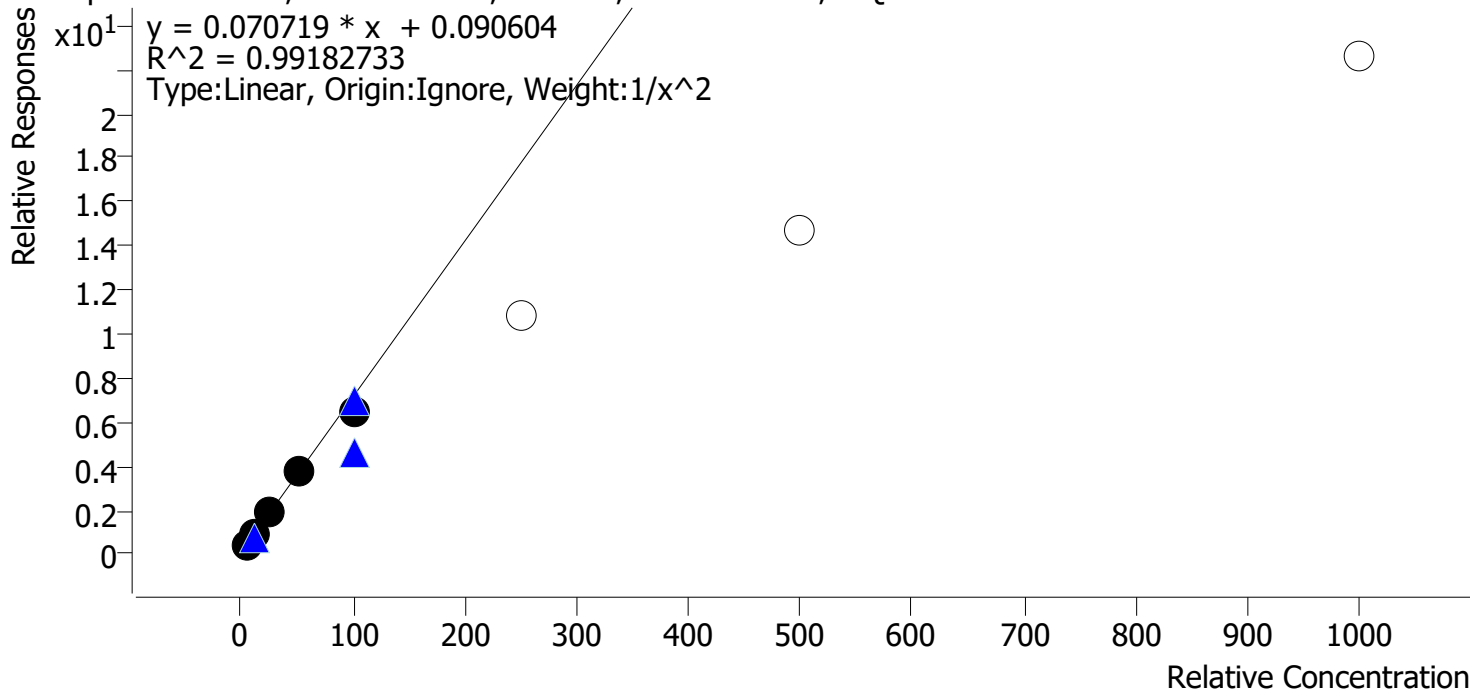
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	89.6	89.6
* p1 Cal 6-250ng	6	x	250.0	152.6	61.0
* p1 Cal 7-500ng	7	x	500.0	206.5	41.3
* p1 Cal 8-1000ng	8	x	1000.0	318.3	31.8

*Cal 6, 7, and 8 dropped due to accuracy

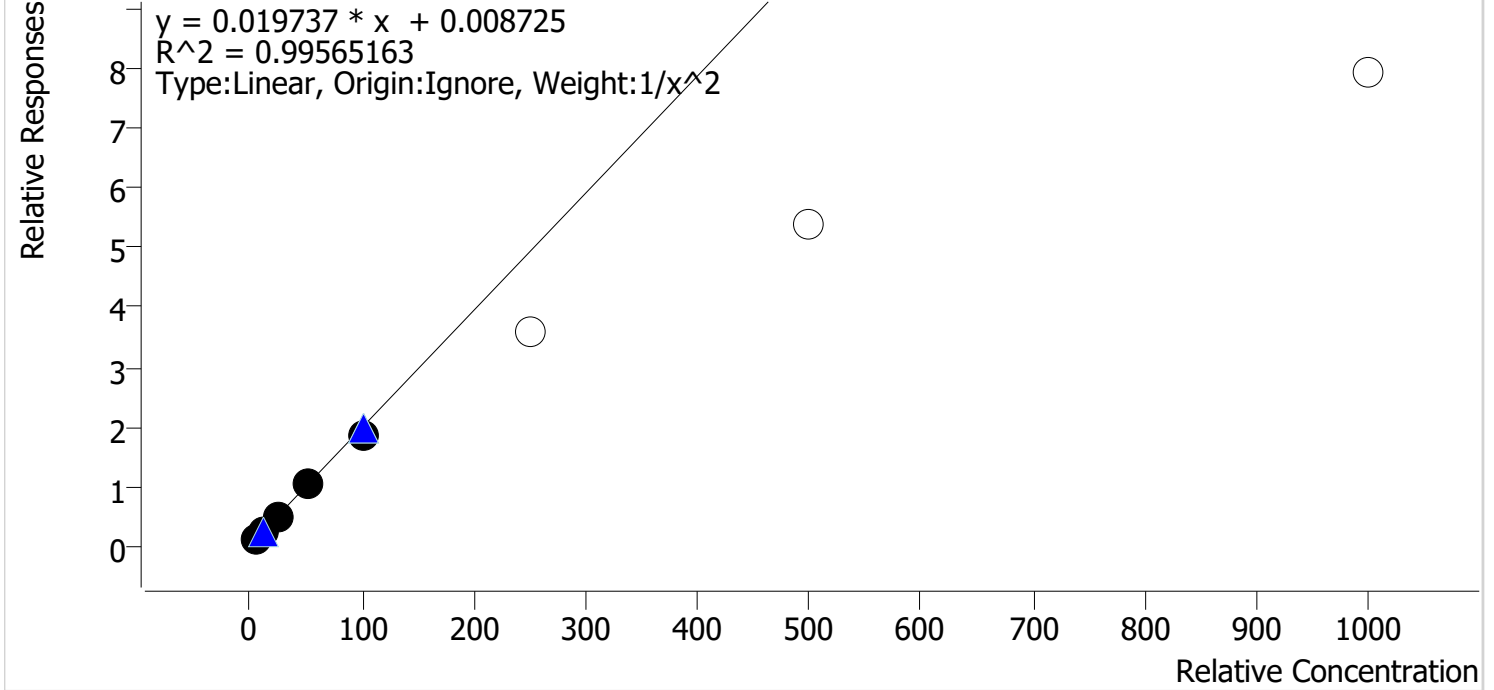
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

Meprobamate - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	92.9	92.9
* p1 Cal 6-250ng	6	✗	250.0	181.9	72.8
* p1 Cal 7-500ng	7	✗	500.0	272.0	54.4
* p1 Cal 8-1000ng	8	✗	1000.0	404.7	40.5

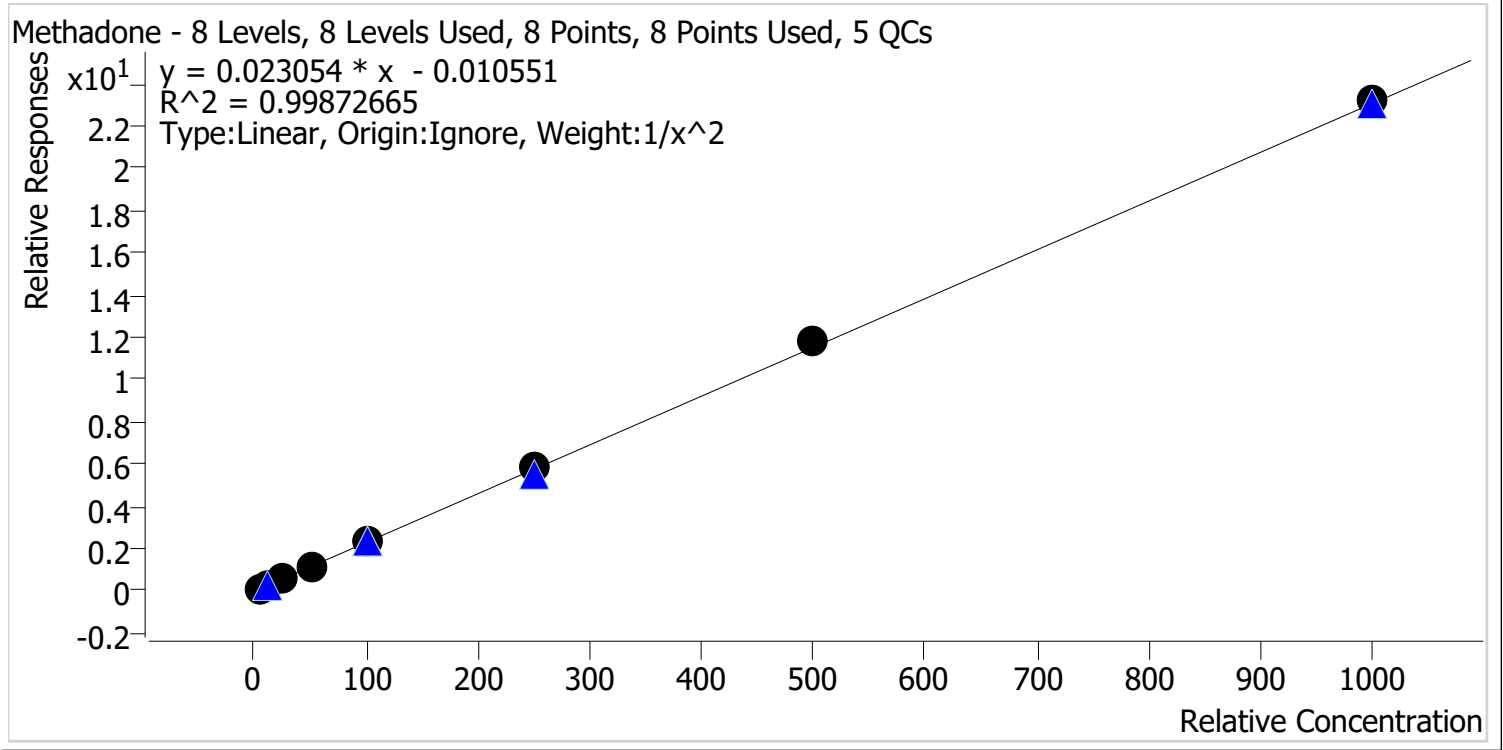
*Cal 6, 7, and 8 dropped due to accuracy

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



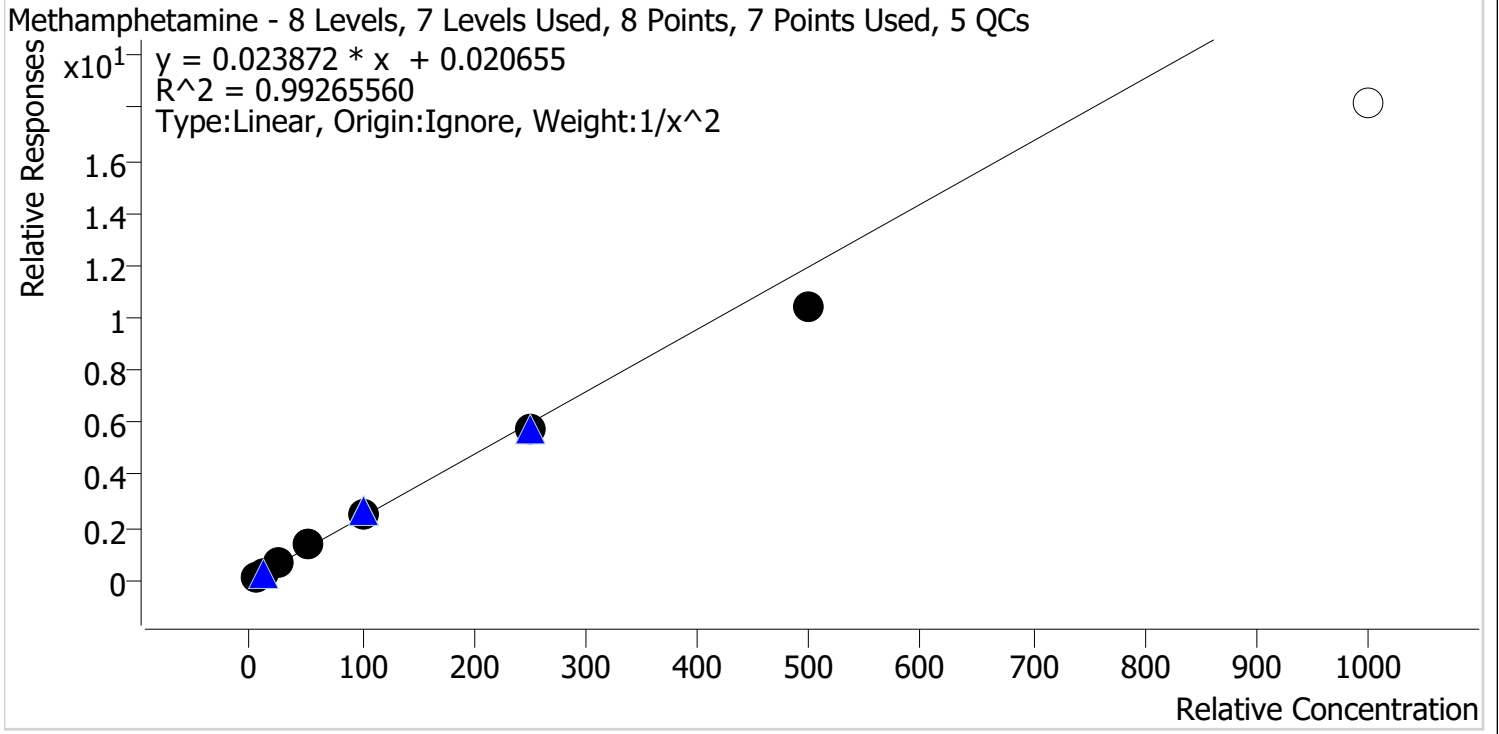
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	511.3	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1006.2	100.6

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.2
p1 Cal 4-50ng	4	✓	50.0	55.2	110.4
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	240.1	96.1
p1 Cal 7-500ng	7	✓	500.0	436.9	87.4
p1 Cal 8-1000ng	8	✗	1000.0	760.5	76.0

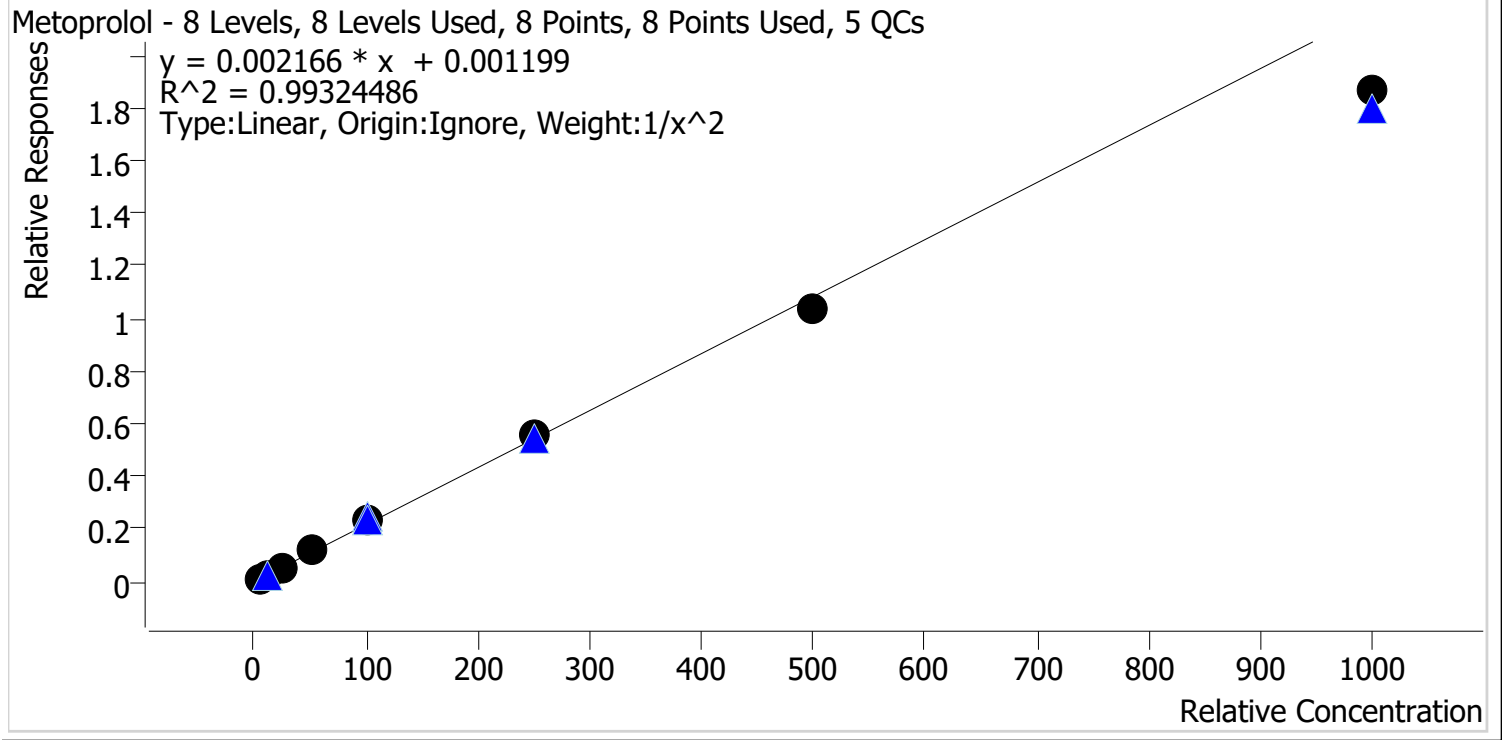
*Cal 8 dropped due to accuracy

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 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	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	55.1	110.2
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	258.6	103.4
p1 Cal 7-500ng	7	✓	500.0	477.4	95.5
p1 Cal 8-1000ng	8	✓	1000.0	861.4	86.1

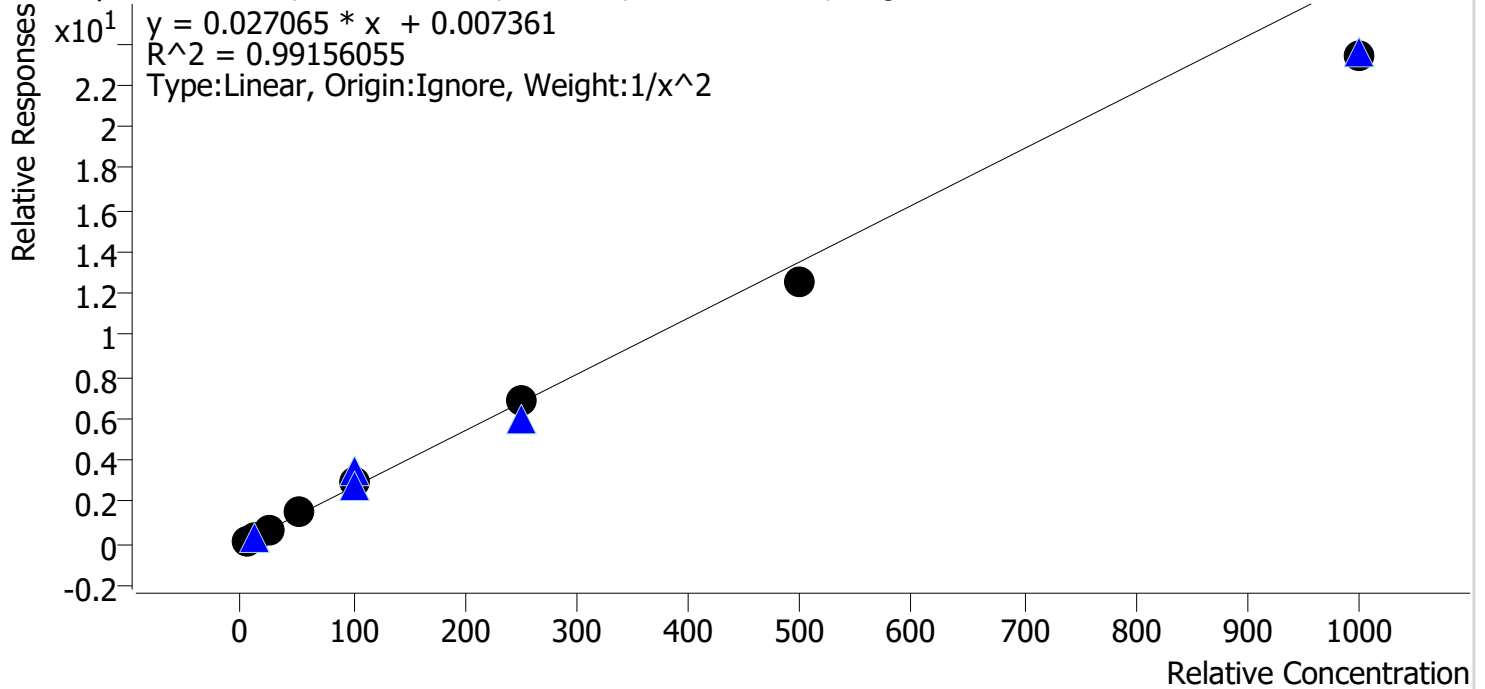
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

Mirtazapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	111.9	111.9
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	463.5	92.7
p1 Cal 8-1000ng	8	✓	1000.0	863.5	86.4

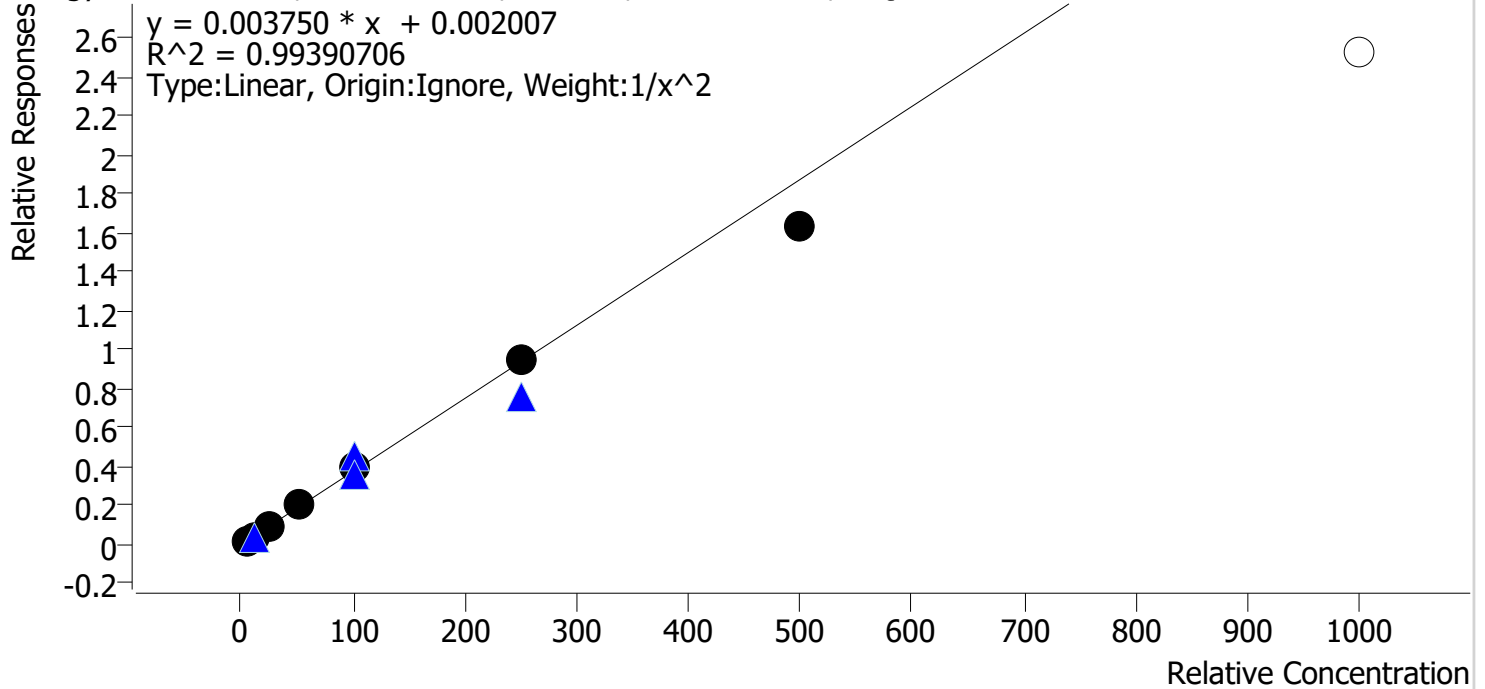
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

Mitragynine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
p1 Cal 5-100ng	5	✓	100.0	107.8	107.8
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	437.1	87.4
* p1 Cal 8-1000ng	8	✗	1000.0	673.6	67.4

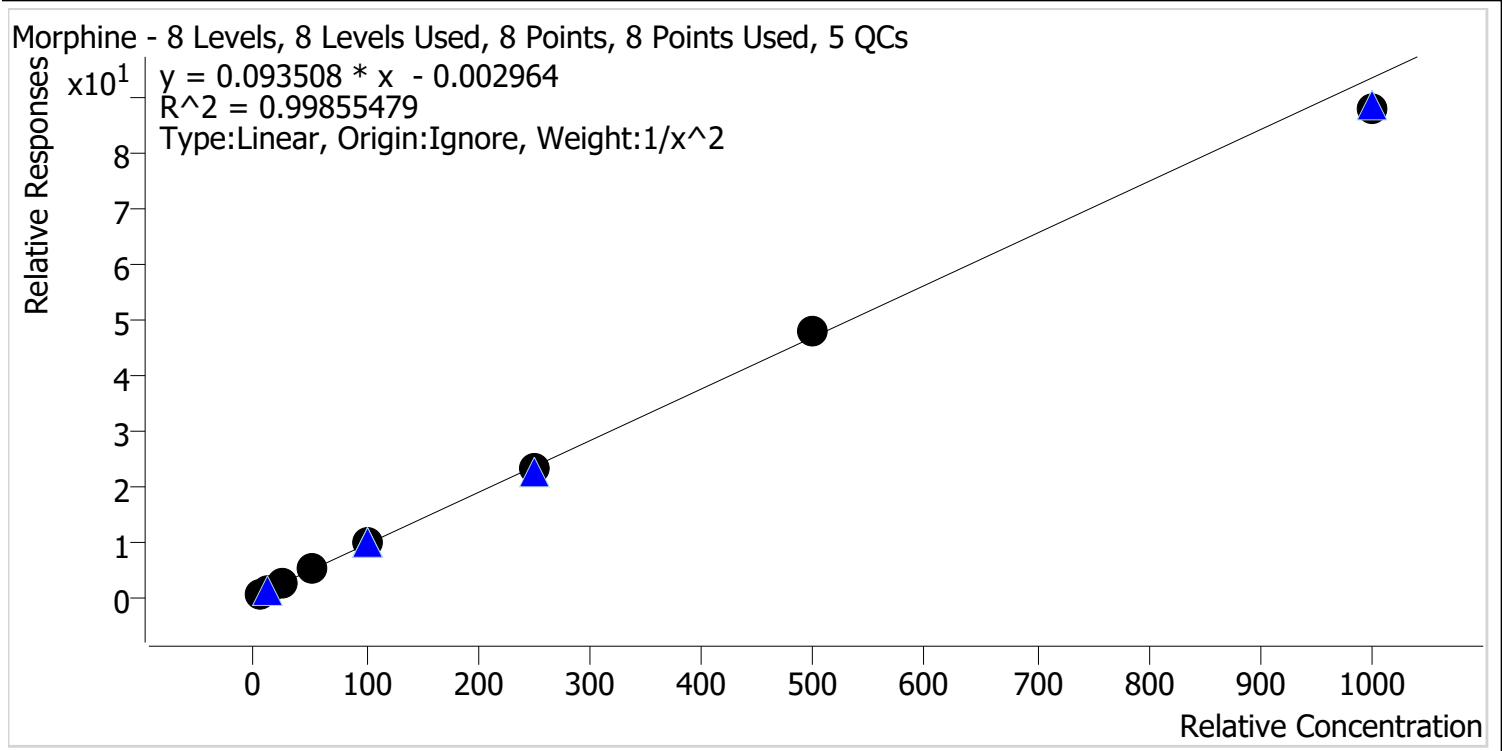
*Cal 8 dropped due to accuracy

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 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	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	508.1	101.6
p1 Cal 8-1000ng	8	✓	1000.0	942.7	94.3

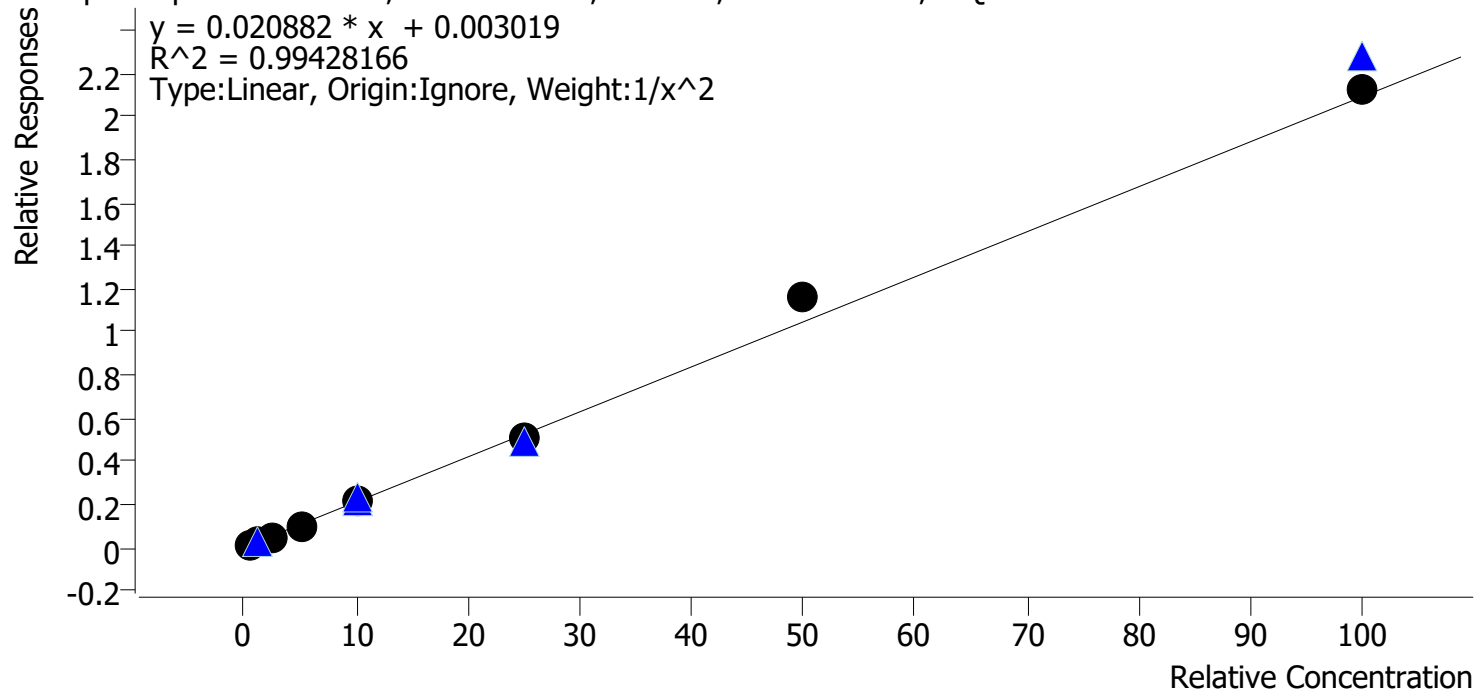
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.4
p1 Cal 2-10ng	2	✓	1.0	1.1	108.0
p1 Cal 3 -25ng	3	✓	2.5	2.2	89.6
p1 Cal 4-50ng	4	✓	5.0	4.8	96.7
p1 Cal 5-100ng	5	✓	10.0	9.8	98.4
p1 Cal 6-250ng	6	✓	25.0	24.3	97.1
p1 Cal 7-500ng	7	✓	50.0	55.1	110.2
p1 Cal 8-1000ng	8	✓	100.0	101.5	101.5

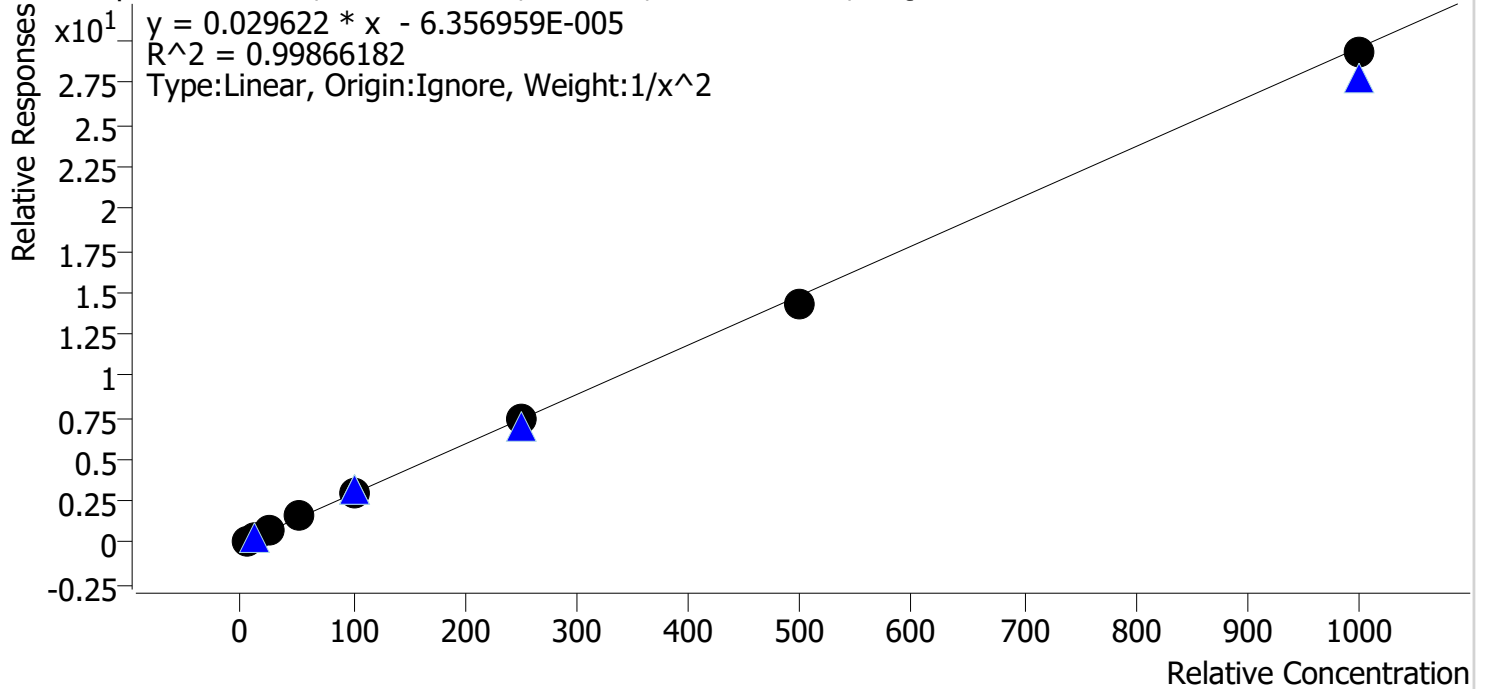
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

Nordiazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	483.3	96.7
p1 Cal 8-1000ng	8	✓	1000.0	989.9	99.0

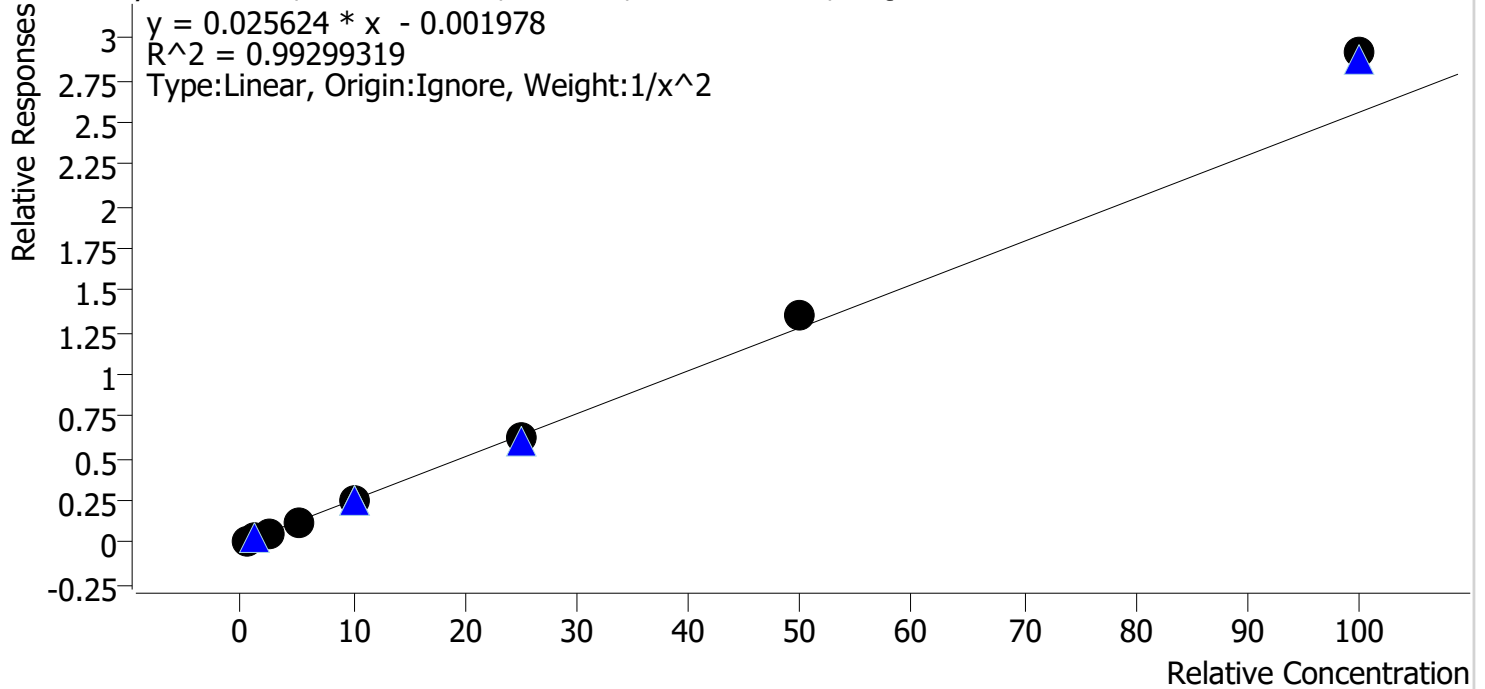
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5

Norfentanyl - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.0
p1 Cal 2-10ng	2	✓	1.0	1.0	96.7
p1 Cal 3 -25ng	3	✓	2.5	2.3	90.8
p1 Cal 4-50ng	4	✓	5.0	4.9	97.3
p1 Cal 5-100ng	5	✓	10.0	9.4	94.4
p1 Cal 6-250ng	6	✓	25.0	24.5	97.9
p1 Cal 7-500ng	7	✓	50.0	52.5	105.1
p1 Cal 8-1000ng	8	✓	100.0	113.9	113.9

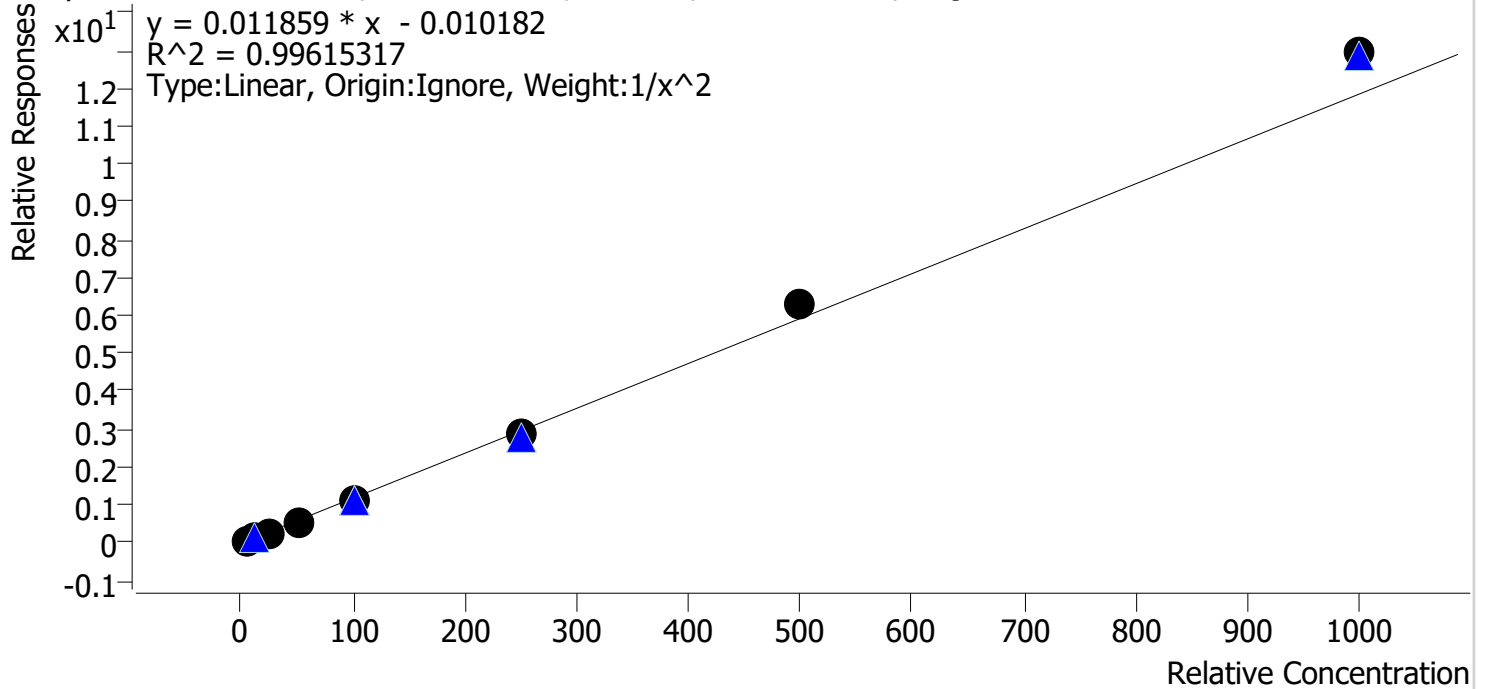
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

Norhydrocodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



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	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.3
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	95.1	95.1
p1 Cal 6-250ng	6	✓	250.0	241.9	96.8
p1 Cal 7-500ng	7	✓	500.0	528.1	105.6
p1 Cal 8-1000ng	8	✓	1000.0	1092.4	109.2

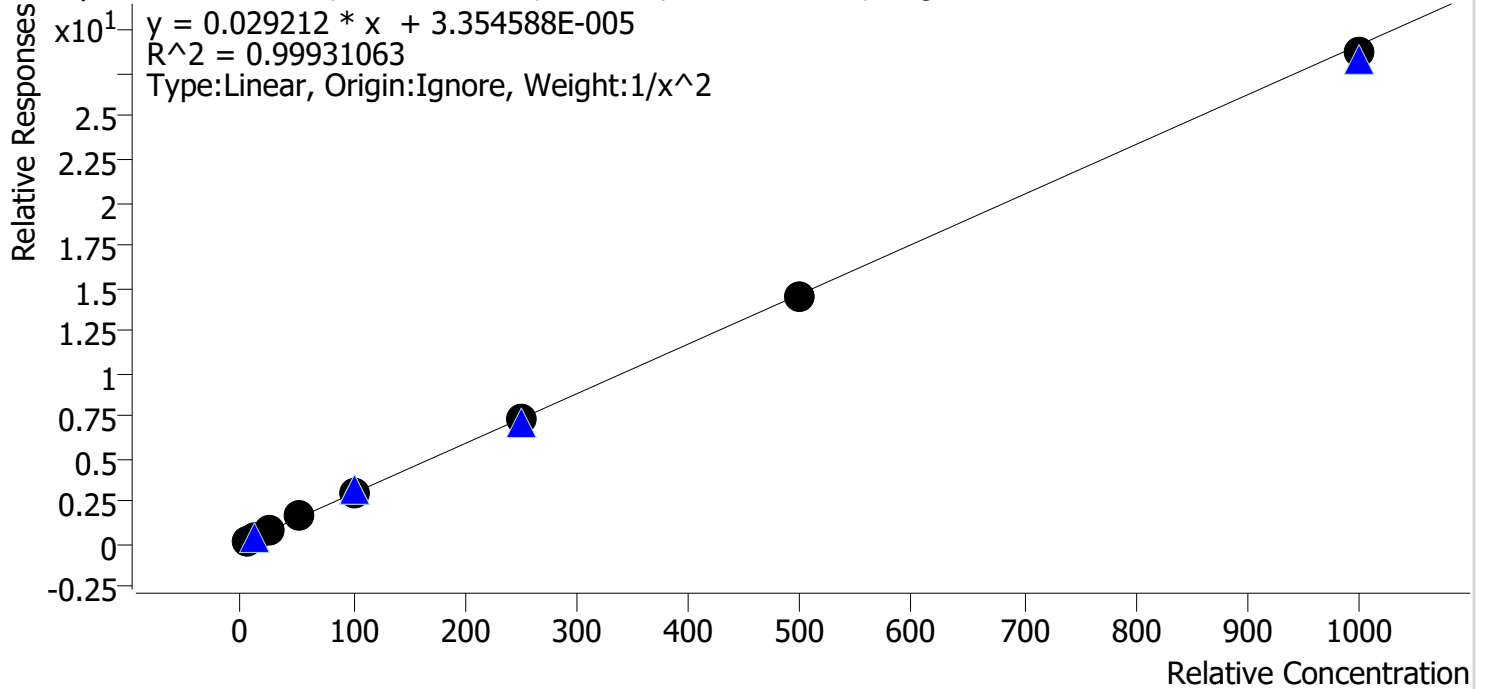
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

Noroxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	497.1	99.4
p1 Cal 8-1000ng	8	✓	1000.0	984.8	98.5

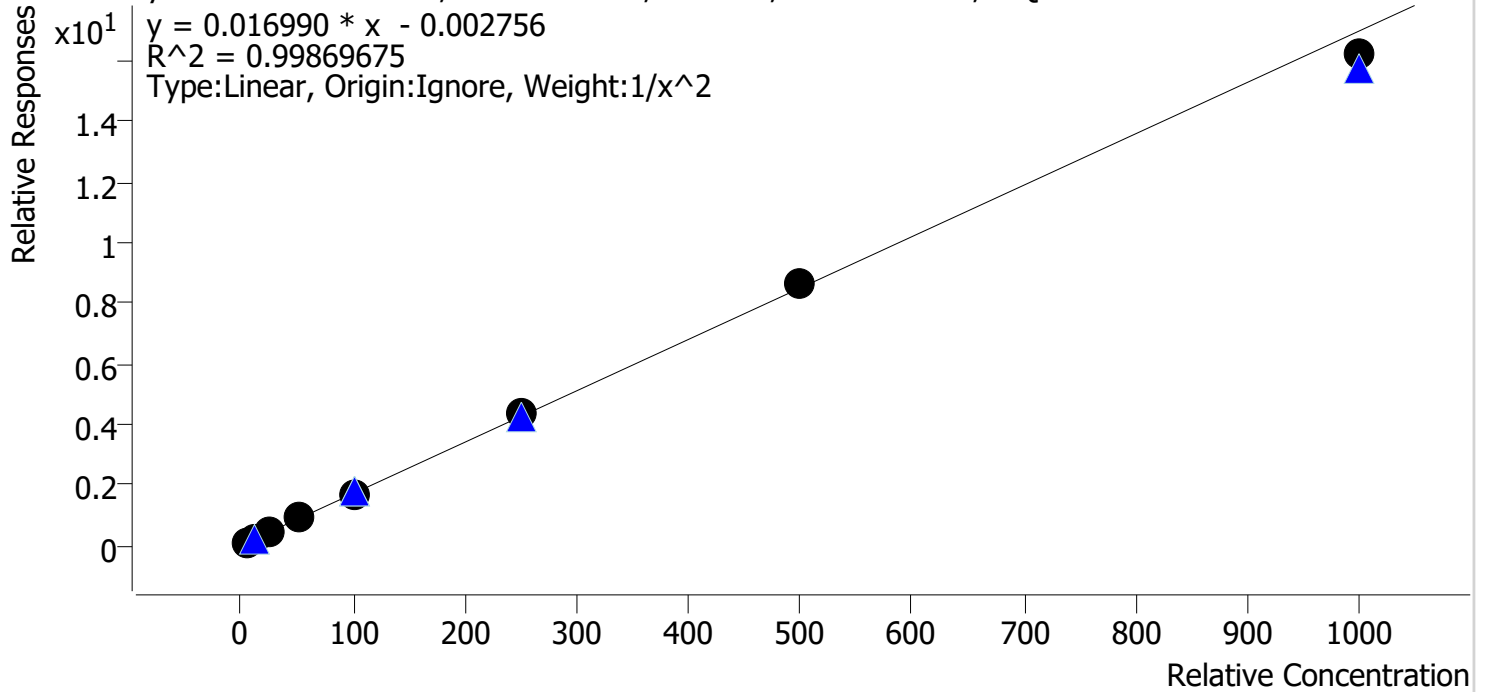
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

O-desmethyl-tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	51.9	103.7
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	256.8	102.7
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	954.7	95.5

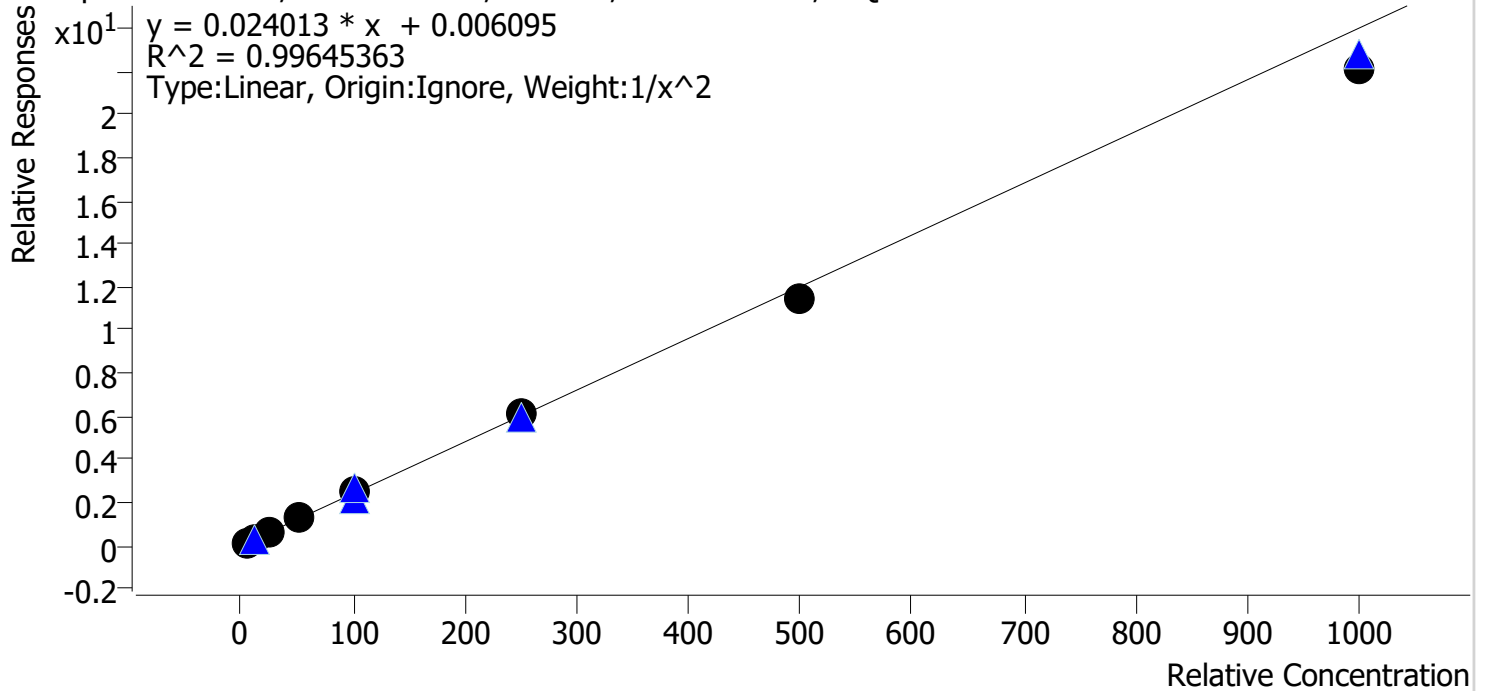
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

Oxazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



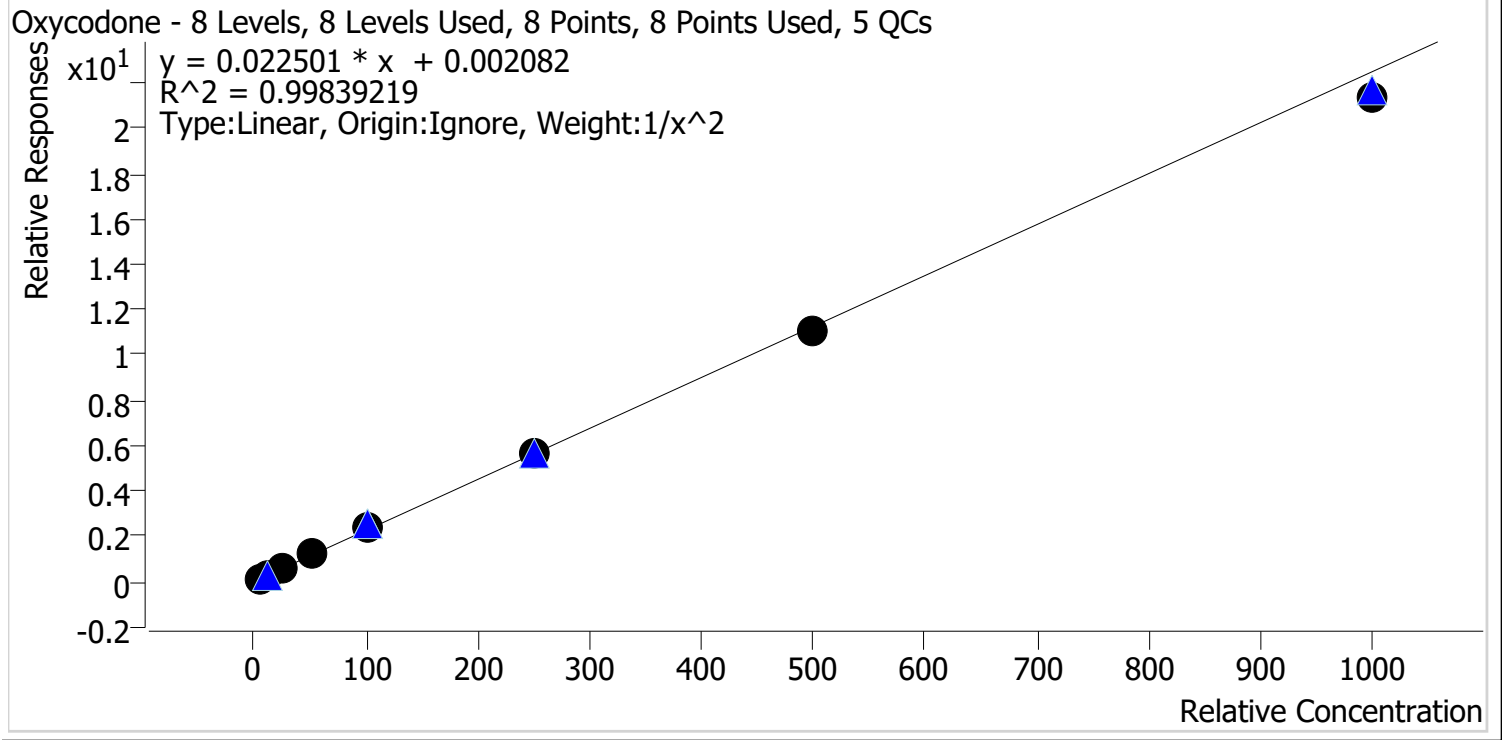
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	477.0	95.4
p1 Cal 8-1000ng	8	✓	1000.0	921.8	92.2

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	248.1	99.3
p1 Cal 7-500ng	7	✓	500.0	488.3	97.7
p1 Cal 8-1000ng	8	✓	1000.0	951.8	95.2

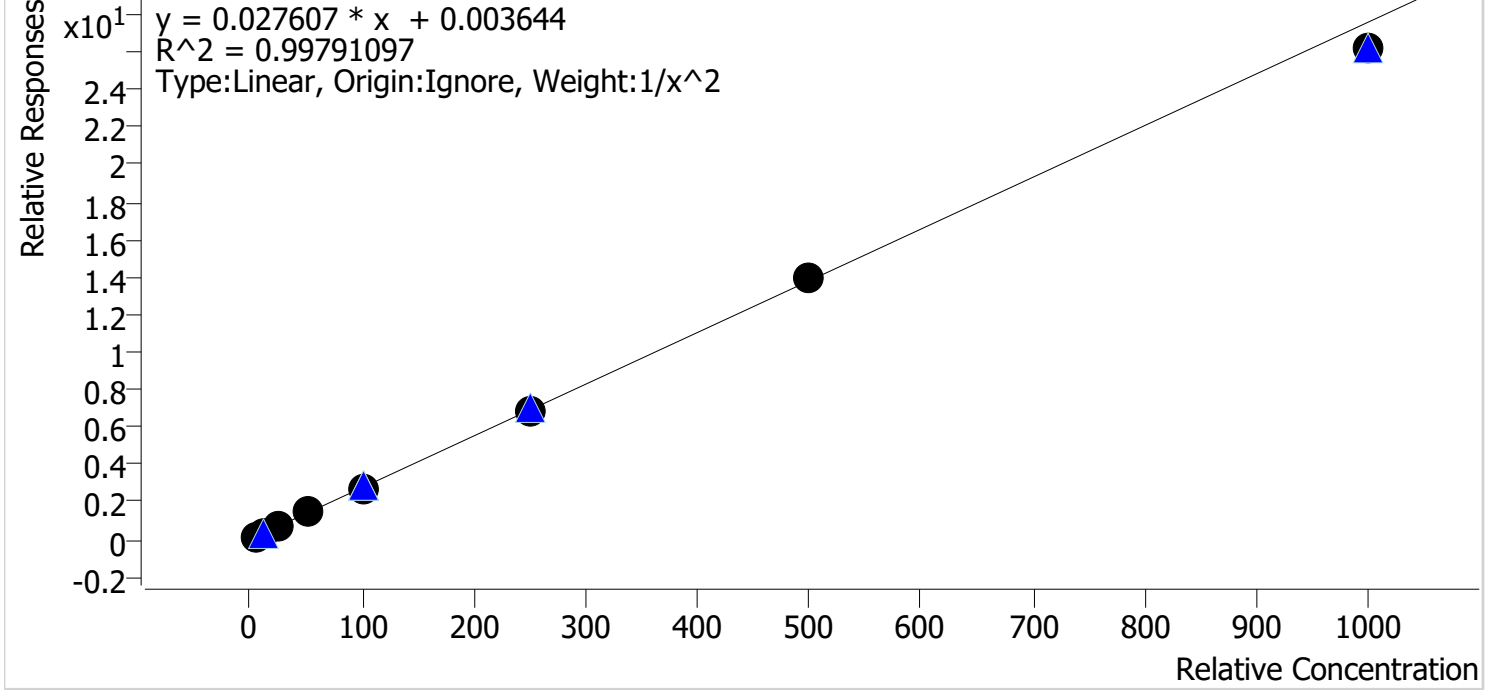
AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

Oxymorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



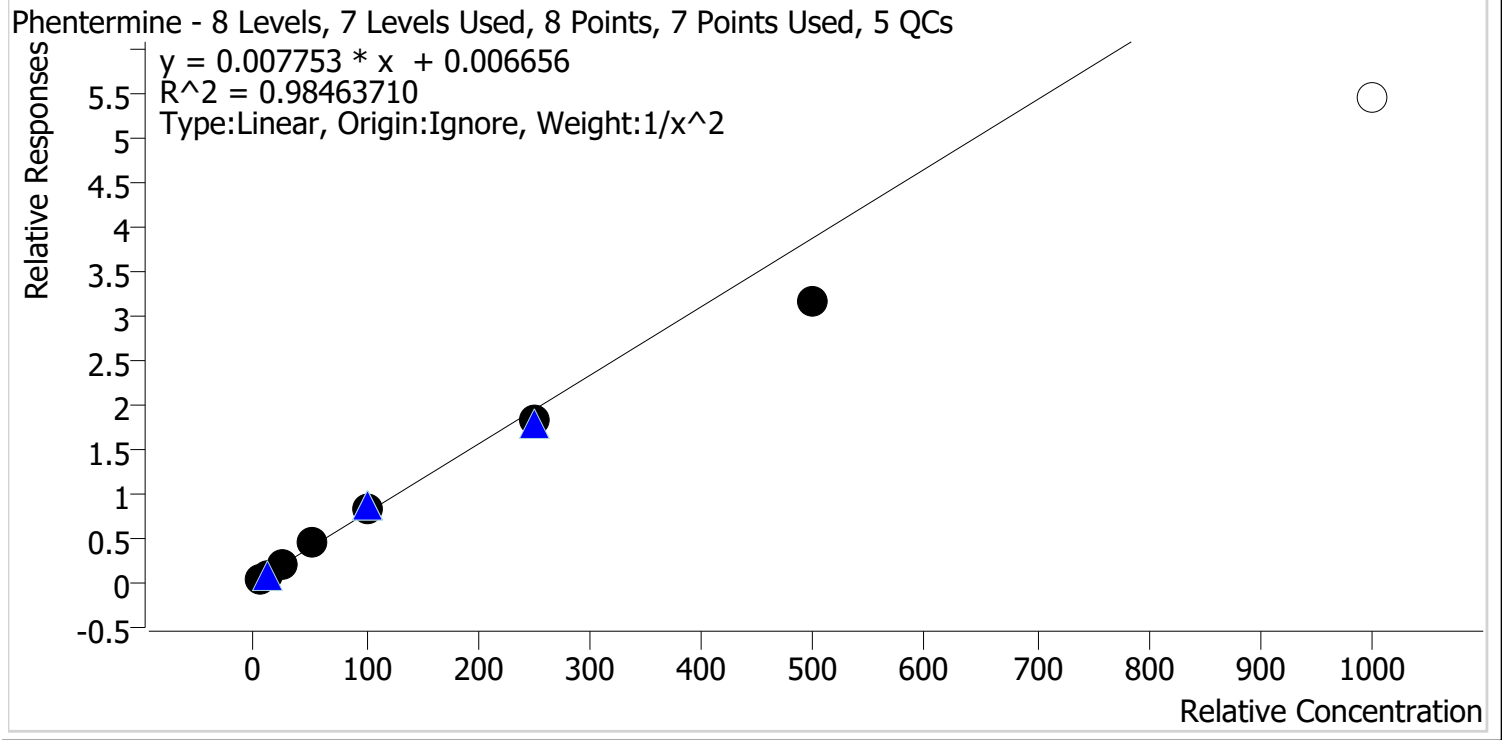
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	509.1	101.8
p1 Cal 8-1000ng	8	✓	1000.0	948.6	94.9

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 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	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.3	103.5
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	56.8	113.5
p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng	6	✓	250.0	234.6	93.8
p1 Cal 7-500ng	7	✓	500.0	406.9	81.4
p1 Cal 8-1000ng	8	✗	1000.0	705.6	70.6

*Cal 8 dropped due to accuracy

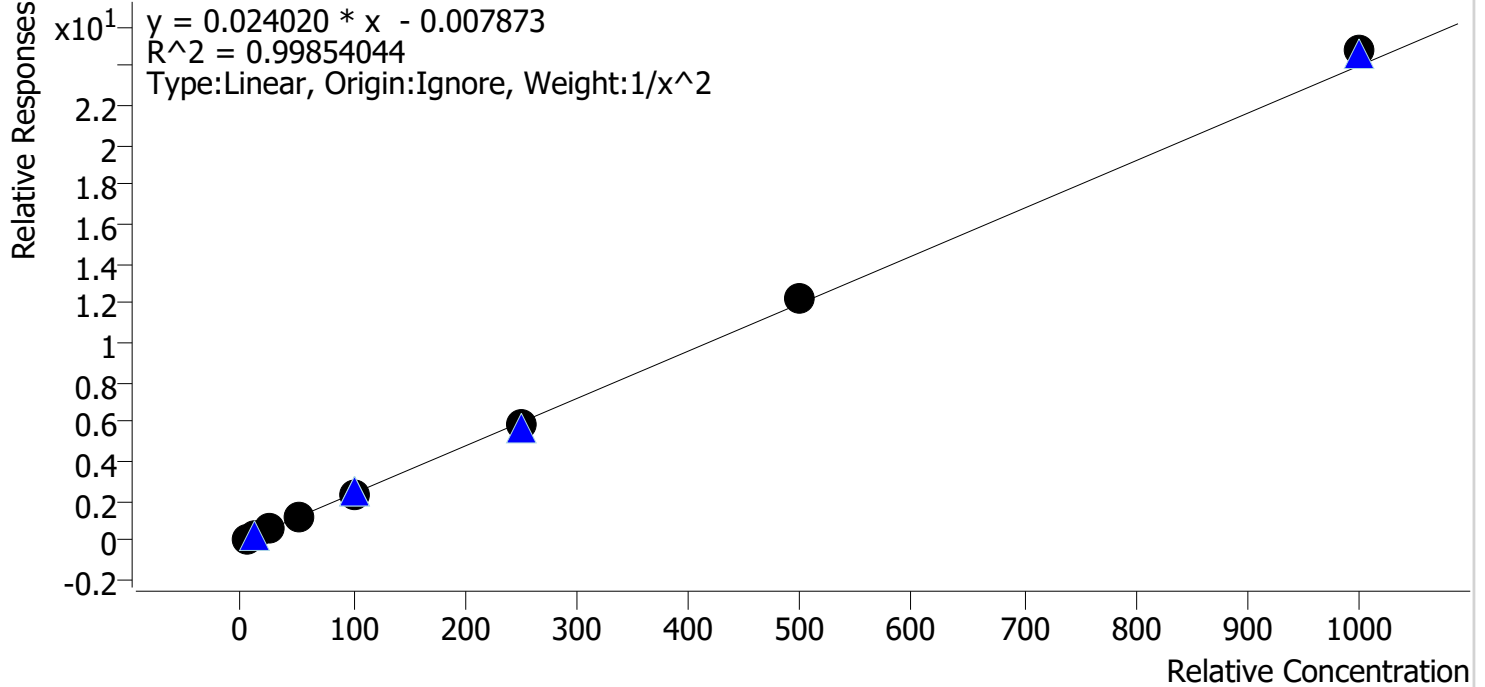
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

Promethazine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



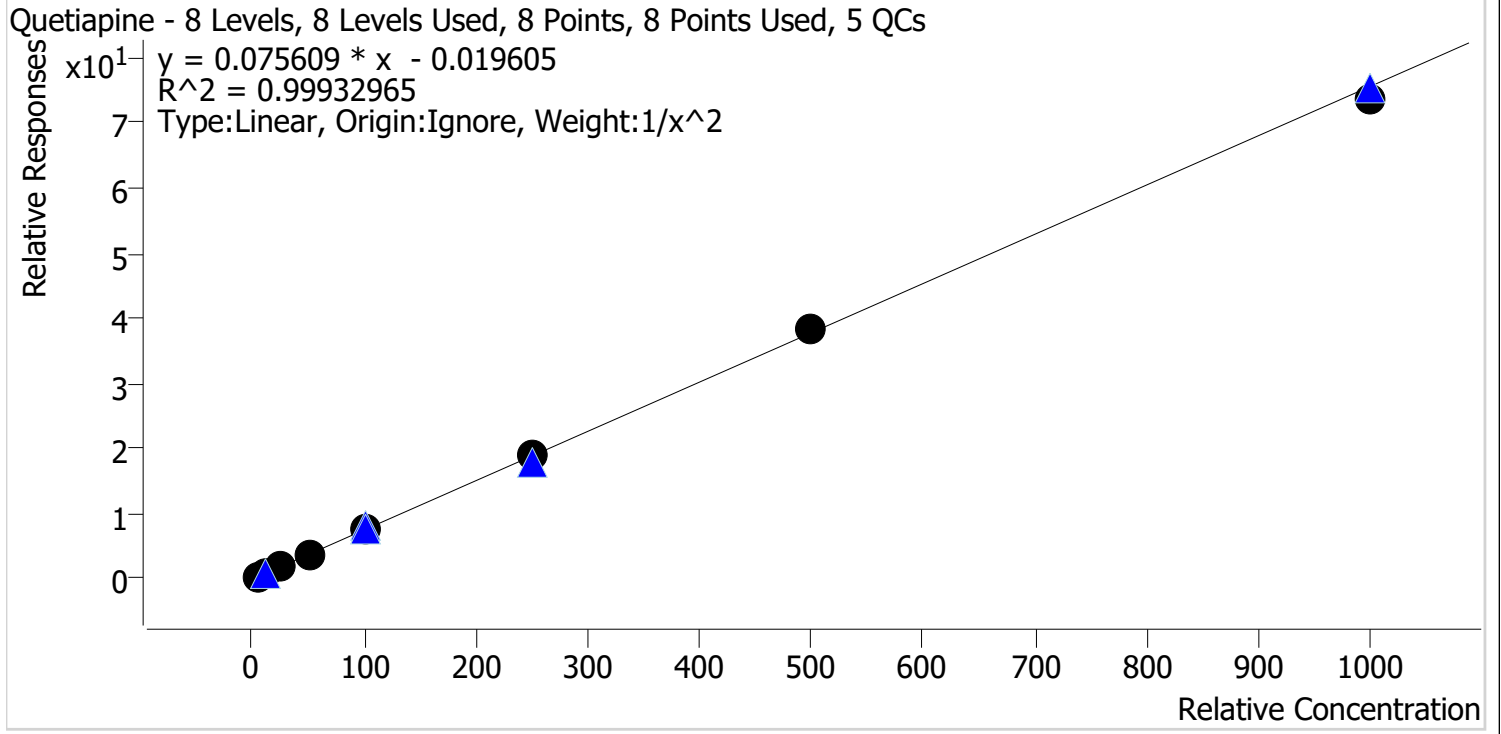
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.7
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	512.7	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1031.9	103.2

AM



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



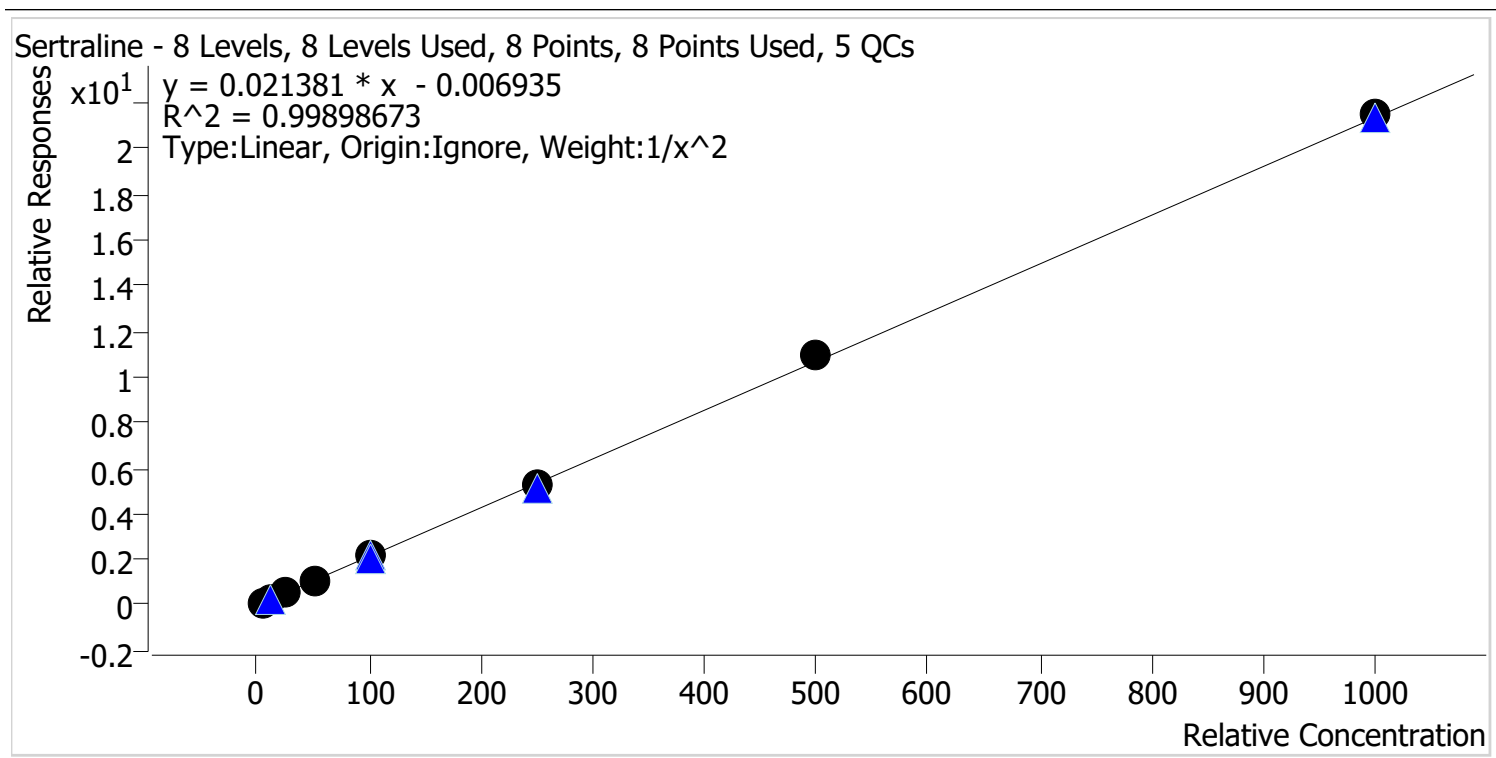
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	252.6	101.1
p1 Cal 7-500ng	7	✓	500.0	506.7	101.3
p1 Cal 8-1000ng	8	✓	1000.0	977.6	97.8

AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	244.1	97.6
p1 Cal 7-500ng	7	✓	500.0	511.6	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1006.4	100.6

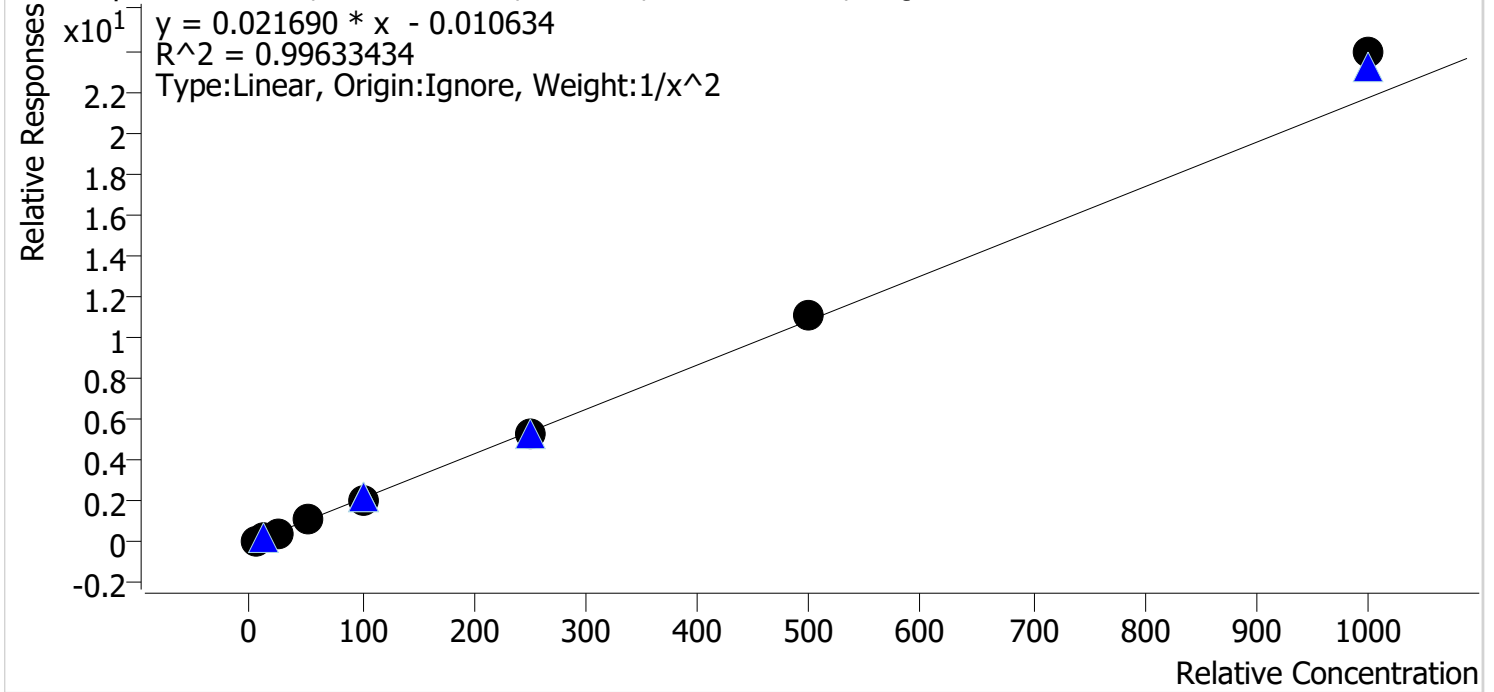
AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

Temazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



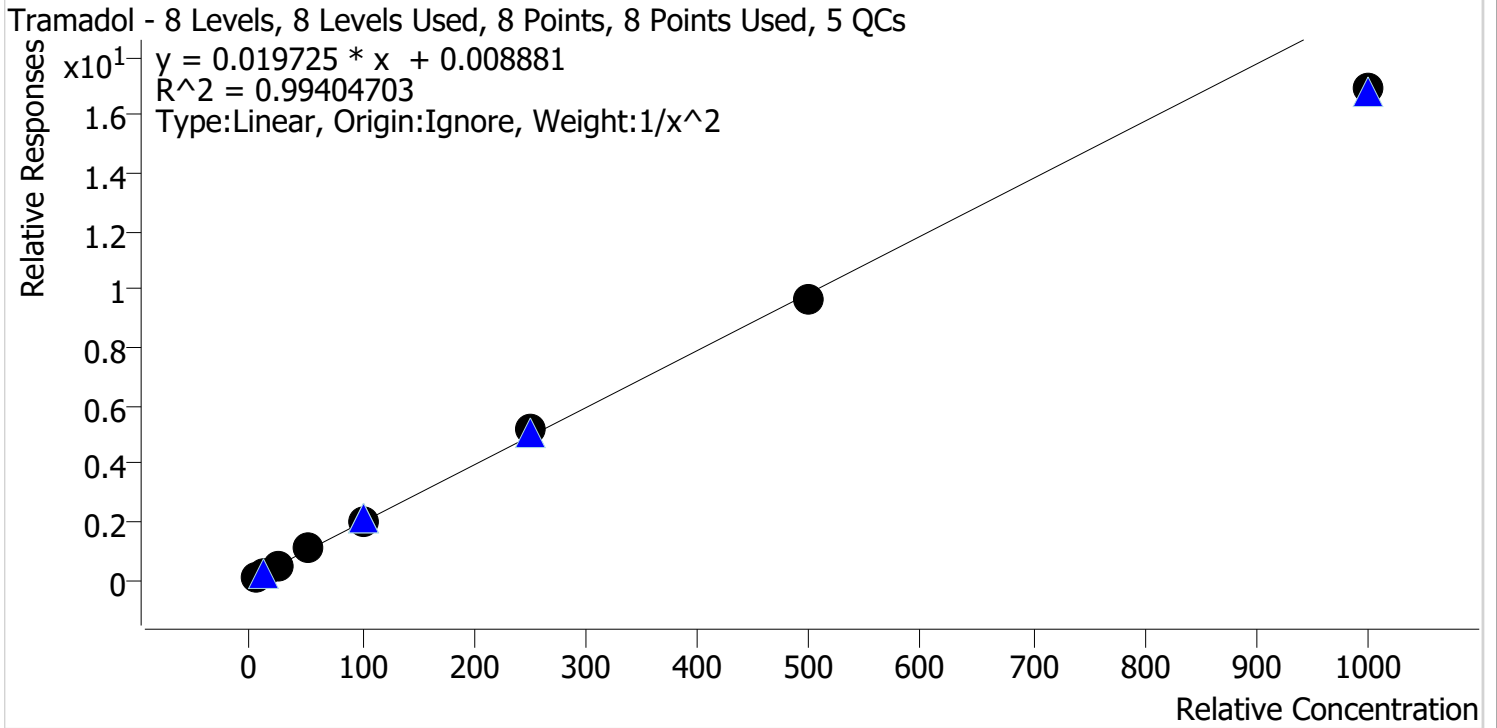
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	23.0	92.1
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	241.8	96.7
p1 Cal 7-500ng	7	✓	500.0	508.0	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1101.5	110.1

AA



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	54.2	108.5
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	261.7	104.7
p1 Cal 7-500ng	7	✓	500.0	492.5	98.5
p1 Cal 8-1000ng	8	✓	1000.0	857.2	85.7

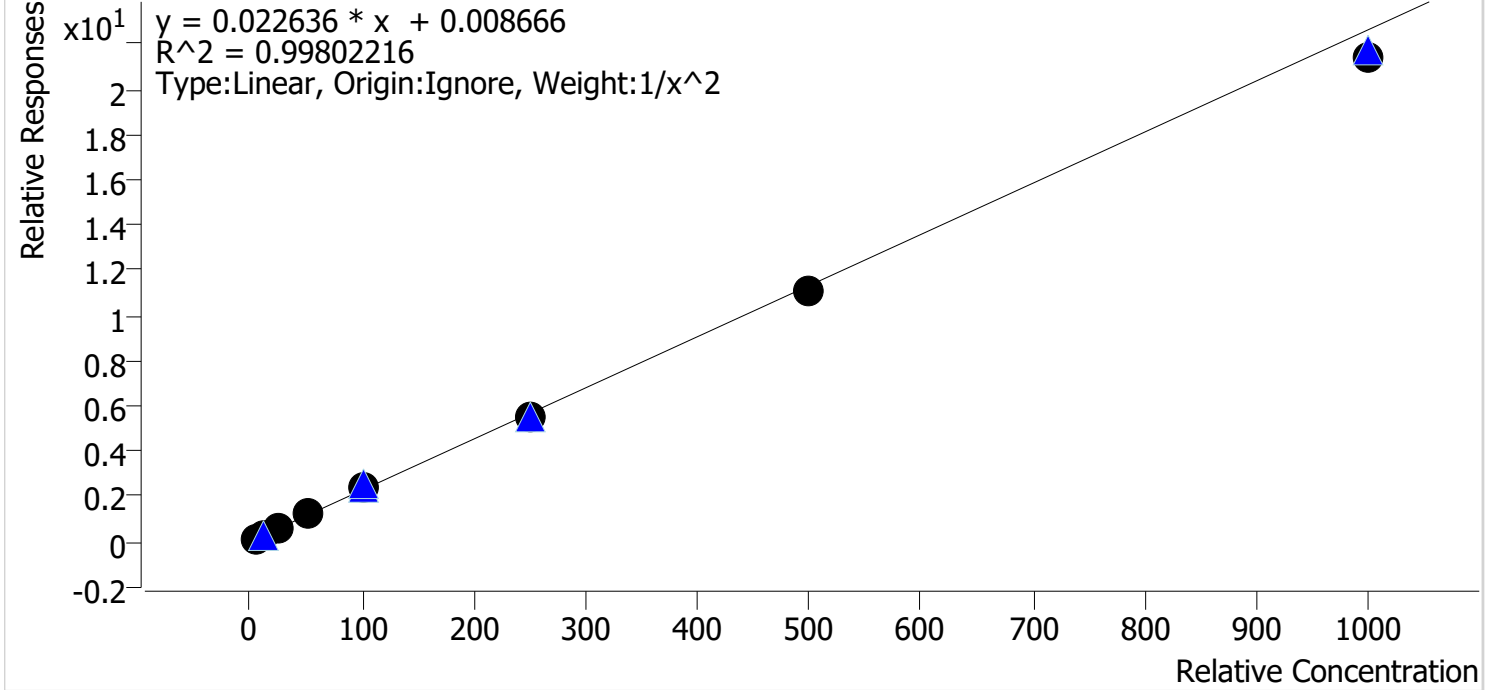
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

Trazodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	242.8	97.1
p1 Cal 7-500ng	7	✓	500.0	490.6	98.1
p1 Cal 8-1000ng	8	✓	1000.0	948.1	94.8

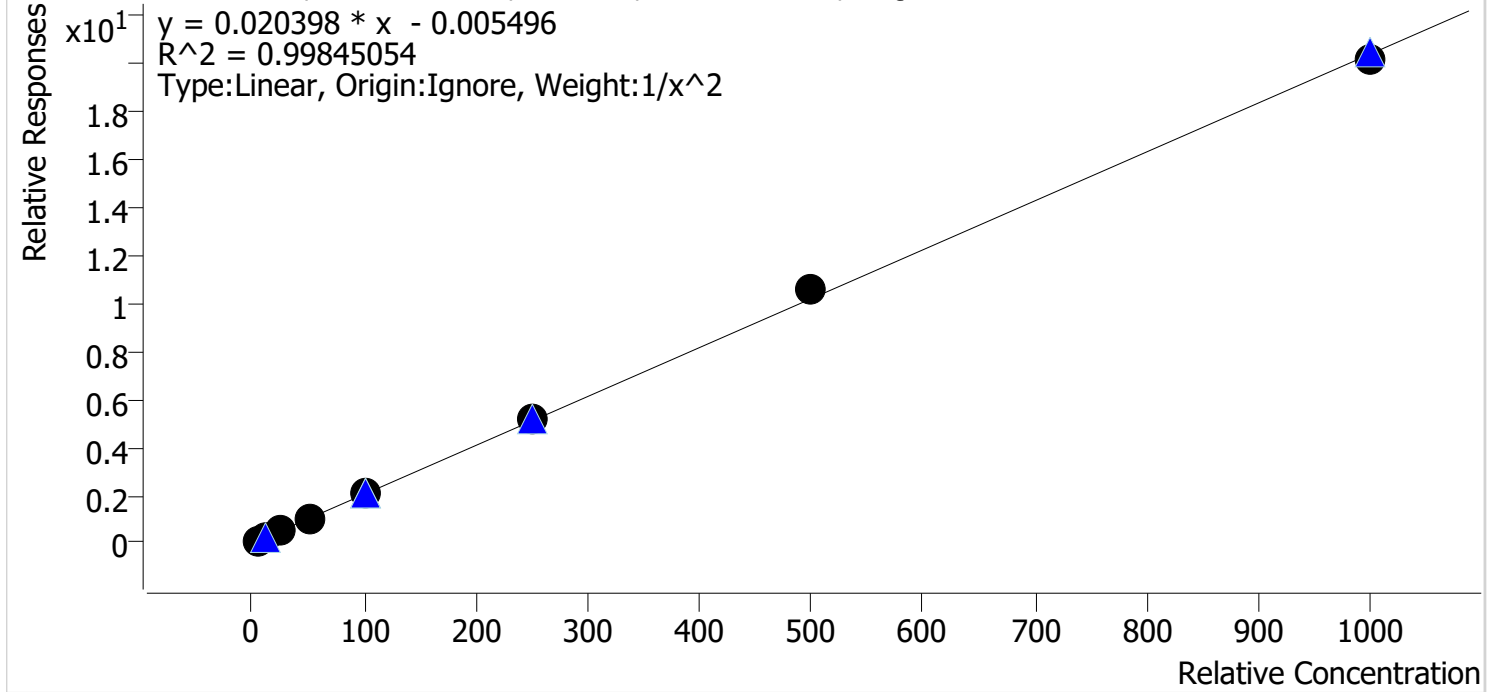
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

Venlafaxine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	50.9	101.9
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
p1 Cal 7-500ng	7	✓	500.0	521.3	104.3
p1 Cal 8-1000ng	8	✓	1000.0	992.6	99.3

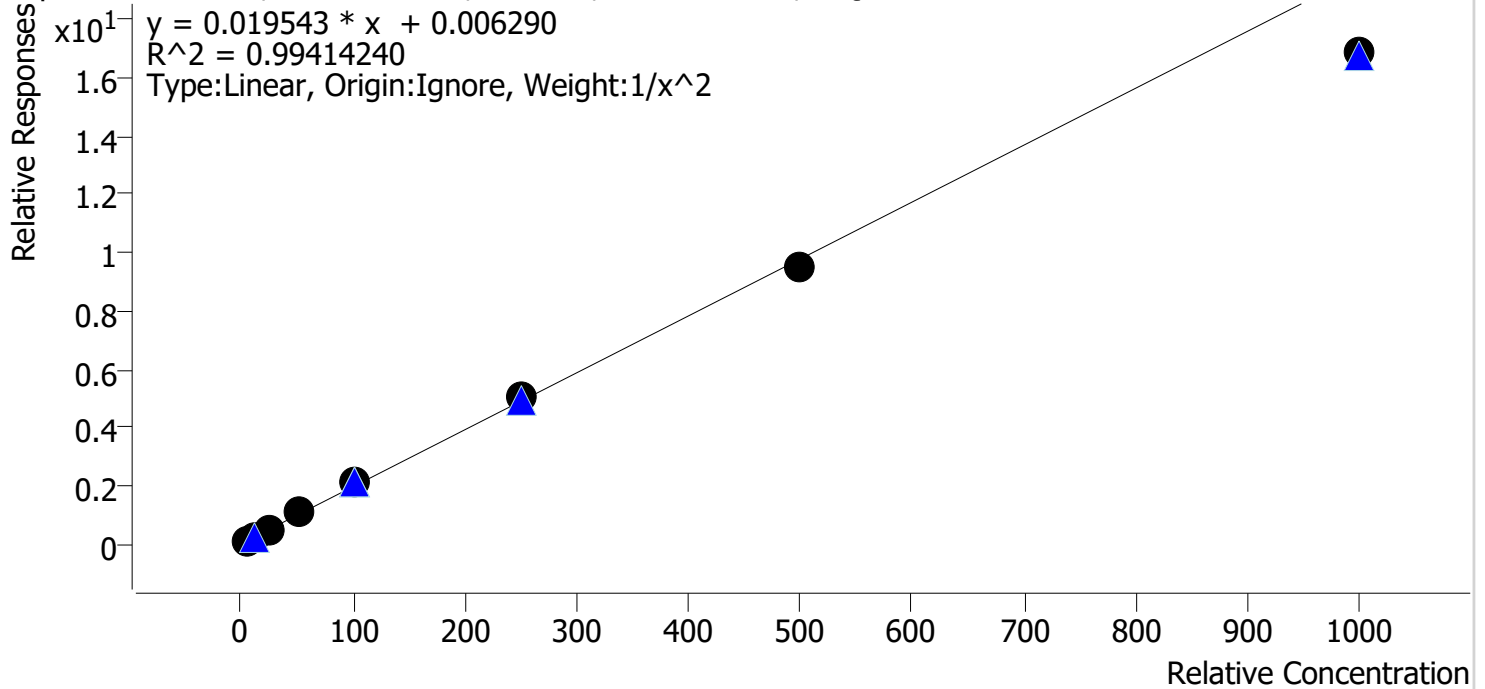
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Last Cal. Update 5/10/2021 10:25 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

Zolpidem - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	259.3	103.7
p1 Cal 7-500ng	7	✓	500.0	485.8	97.2
p1 Cal 8-1000ng	8	✓	1000.0	862.6	86.3

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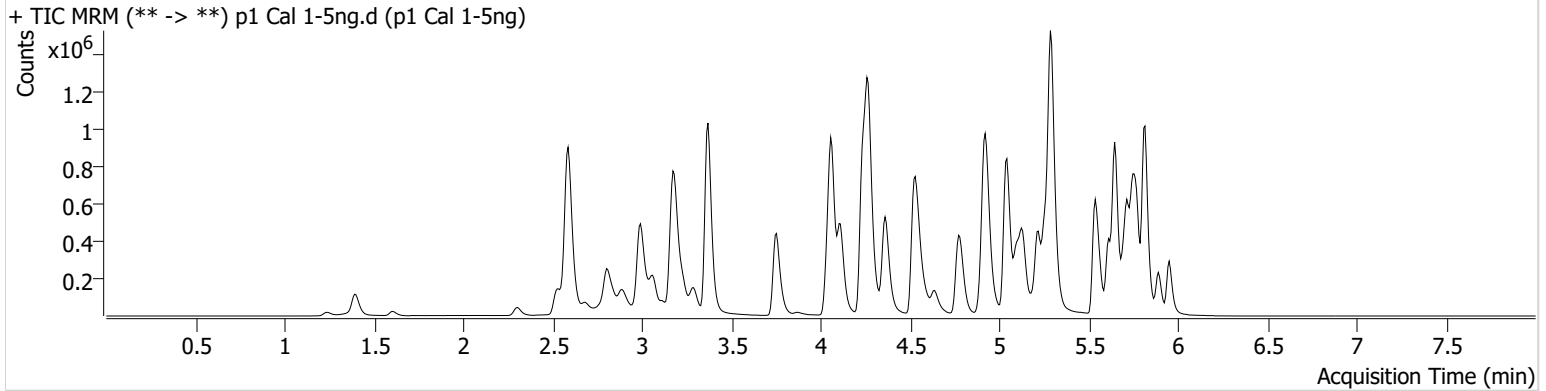


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 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	Amber Gerheart
Sample Position	P2-A1	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 5:25:28 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	2644	156.60	66.0	3593.26	126246	0.5202 ng/ml
7-aminoclonazepam	4.278	47855	536.03	77.0	146.07	360237	5.0184 ng/ml
a-hydroxyalprazolam	5.699	26400	250.74	56.4	1301.06	606539	4.8816 ng/ml
alpha-PHP	4.937	39143	93.63	267.8	1355.84	1220456	4.8473 ng/ml
alpha-PVP	4.370	138528	325.05	52.1	319.09	1220456	5.0910 ng/ml
Alprazolam	5.775	85587	541.32	110.0	1325.29	606539	5.1230 ng/ml
Amphetamine	3.069	276597	2213.62	47.1	445.32	517021	4.8759 ng/ml
Benzoylcegonine	3.899	3684	143.90	7.5	39.68	25956	5.0610 ng/ml
Buprenorphine	5.880	3659	149.38	16.3	3691.87	251014	0.5279 ng/ml
Bupropion	4.795	154219	27145.54	60.9	356.50	1076266	5.0088 ng/ml
Carisoprodol	5.724	82645	342.39	59.8	121.85	816426	5.2398 ng/ml
Citalopram	5.219	102887	1286.91	42.1	866.65	937952	5.0830 ng/ml
Clonazepam	5.612	98551	1671.05	31.2	28894.76	224851	4.8917 ng/ml
Clonazepam	5.555	65087	1153.70	37.8	18430.88	224851	4.8870 ng/ml
Cocaine	4.264	107765	6636.94	53.2	66501.15	2064675	5.0767 ng/ml
Codeine	2.580	12357	88.21	105.7	65.06	117711	4.8232 ng/ml
Cyclobenzaprine	5.615	52146	5492.04	8.2	33.42	434919	5.1127 ng/ml
Dextromethorphan	5.262	60125	4813.20	80.4	1217.81	564758	5.0557 ng/ml
Dextrophan	4.118	39389	71788.16	203.3	3315.38	948650	5.1003 ng/ml
Diazepam	5.960	56330	254.18	85.8	1528.19	501947	5.0285 ng/ml
Dihydrocodeine	2.559	30651	188.38	65.8	312.13	352288	4.8247 ng/ml
Diphenhydramine	5.296	262259	12294.47	32.9	138.02	3224006	5.0833 ng/ml
Doxylamine	4.543	262384	1891.96	97.7	11016.18	2302030	4.9824 ng/ml
EDDP	5.261	47739	776.07	42.2	72712.01	522071	5.1315 ng/ml
Etizolam	5.813	49065	94263.22	24.2	30058.43	224851	5.2507 ng/ml
Fentanyl	5.109	8205	285.27	74.1	10085.88	820258	0.4943 ng/ml
Flualprazolam	5.705	38332	1029.01	102.3	513.88	606539	5.0414 ng/ml
Fluoxetine	5.700	39829	69083.73	8.4	293.32	327475	5.0347 ng/ml
Hydrocodone	3.018	45786	57.54	42.0	75.50	1114186	4.8200 ng/ml
Hydromorphone	1.608	41902	252102.50	77.3	31331.61	12666	4.9598 ng/ml
Ketamine	4.059	103378	3409.36	35.0	420.78	911350	5.0033 ng/ml
Lamotrigine	4.280	10176	612.67	77.3	8777.01	911350	4.8661 ng/ml
Levetiracetam	2.683	40093	652.38	168.8	446.64	2410609	5.1825 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	97148	553.26	56.2	124.87	224851	4.8283 ng/ml
MDA	3.203	182845	1244.38	24.7	92.76	870025	4.7830 ng/ml
MDMA	3.296	107372	172190.35	76.2	700.41	193178	5.0499 ng/ml
Meprobamate	4.924	46345	930.71	29.0	162.84	436374	4.9390 ng/ml
Methadone	5.653	182077	893.33	49.0	524.09	1697511	5.1103 ng/ml
Methamphetamine	3.238	197055	1680.91	37.1	897.79	1434786	4.8879 ng/ml
Metoprolol	4.333	25781	25390.32	92.7	1379.84	2167215	4.9398 ng/ml
Mirtazapine	4.637	172933	1388.95	52.6	2270.28	1220456	4.9634 ng/ml
Mitragynine	5.244	35373	1697.97	39.7	168.53	1697511	5.0215 ng/ml
Morphine	1.247	5890	192.67	36.8	182.41	12666	5.0048 ng/ml
Norbuprenorphine	4.992	484	993.00	103.3	3057.82	36420	0.4922 ng/ml
Nordiazepam	5.900	54642	4693.38	58.2	266.91	372099	4.9595 ng/ml
Norfentanyl	4.086	21397	6854.36	34.0	53.08	1886340	0.5199 ng/ml
Norhydrocodone	3.066	6831	207.46	46.0	250.06	136977	5.0637 ng/ml
Noroxycodone	2.909	53521	268.54	42.4	380.38	364852	5.0205 ng/ml
O-desmethyl-tramadol	3.376	205299	3145.70	6.8	193.23	2471020	5.0524 ng/ml
Oxazepam	5.756	108439	464.02	75.0	265.46	867617	4.9511 ng/ml
Oxycodone	2.834	97322	241.66	27.4	296.43	858450	4.9459 ng/ml
Oxymorphone	1.398	47922	1089.00	42.2	152.62	334777	5.0531 ng/ml
Phentermine	3.790	53607	287.63	4.8	5.76 Low	1223776	4.7918 ng/ml
Promethazine	5.538	115994	334.77	28.4	337.30	1010359	5.1073 ng/ml
Pseudoephedrine	2.596	250237	3393.94	16.5	3493.28	2410609	5.1585 ng/ml
Quetiapine	5.562	113951	1284478.03	57.2	124.81	312778	5.0778 ng/ml
Sertraline	5.769	11136	43.23	101.3	12600.79	110088	5.0553 ng/ml
Temazepam	5.816	174121	720.53	29.5	246.80	1726831	5.1390 ng/ml
Tramadol	4.246	231240	691.08	3.4	34.26	2167215	4.9591 ng/ml
Trazodone	5.190	116205	1641.76	79.6	130689.61	960583	4.9615 ng/ml
Venlafaxine	5.043	202931	740.86	37.3	1067.31	2050737	5.1206 ng/ml
Zolpidem	4.941	229326	1248.74	31.2	420.85	2235943	4.9262 ng/ml

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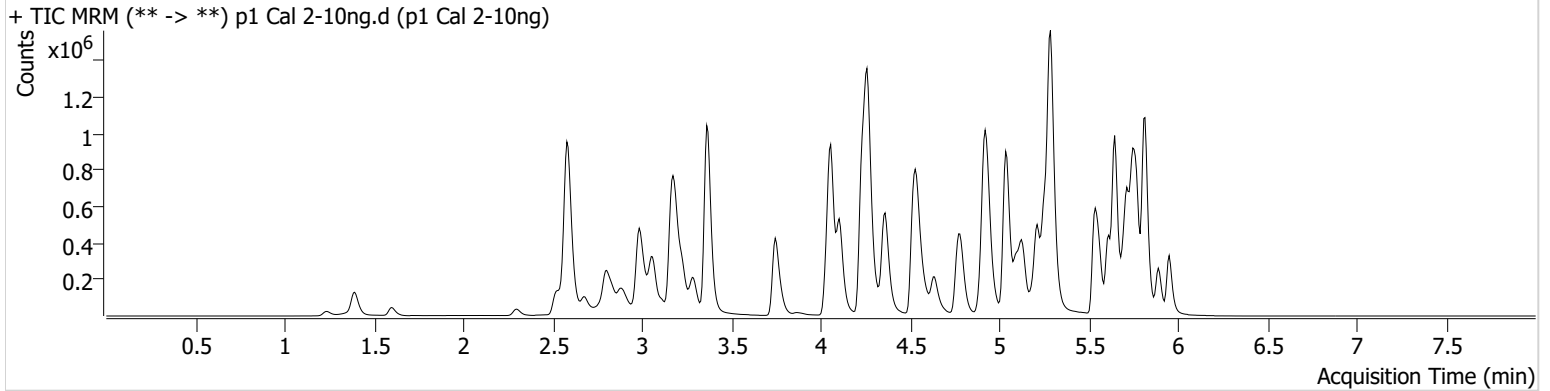


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 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	Amber Gerheart
Sample Position	P2-B1	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 5:36:14 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	4497	3337.26	75.8	6029.21	118608	0.9398 ng/ml
7-aminoclonazepam	4.271	96181	2135.67	77.5	2280.78	347993	10.1169 ng/ml
a-hydroxyalprazolam	5.699	51565	620.78	58.9	263.46	579943	10.4242 ng/ml
alpha-PHP	4.937	72565	299.27	272.8	82104.06	1154979	10.1968 ng/ml
alpha-PVP	4.370	259919	3484.02	51.6	380.33	1154979	9.8398 ng/ml
Alprazolam	5.775	156703	475.41	117.5	2966.22	579943	9.6374 ng/ml
Amphetamine	3.063	499574	520.06	48.5	631.57	493427	10.1472 ng/ml
Benzoylecgonine	3.892	6061	65.62	7.1	776.34	23249	9.7723 ng/ml
Buprenorphine	5.880	6640	580.76	14.4	1613.99	232806	0.9532 ng/ml
Bupropion	4.788	286605	329.54	59.4	1020.37	1002272	10.0037 ng/ml
Carisoprodol	5.724	156465	685725.20	59.9	343.69	820586	9.4745 ng/ml
Citalopram	5.212	186165	2766.63	41.5	92053.63	857726	9.8511 ng/ml
Clonazepam	5.612	183860	1699.50	32.3	2793.67	219123	10.0651 ng/ml
Clonazepam	5.555	124466	62782.40	36.8	15182.70	219123	10.1700 ng/ml
Cocaine	4.264	206387	17324.60	50.8	189.41	1967801	9.8564 ng/ml
Codeine	2.573	23382	214.21	103.8	60766.29	115336	10.2070 ng/ml
Cyclobenzaprine	5.615	82970	335.51	9.2	43.05	351975	9.7211 ng/ml
Dextromethorphan	5.262	107692	373.77	80.3	46903.65	515053	9.8881 ng/ml
Dextrophan	4.111	73582	216917.65	204.5	2836.13	906857	9.7596 ng/ml
Diazepam	5.960	105736	1204.12	87.4	13381.24	490405	9.8551 ng/ml
Dihydrocodeine	2.552	56546	116.54	66.5	93.49	329967	10.3162 ng/ml
Diphenhydramine	5.289	492500	17047.61	32.6	177.32	2988587	9.8952 ng/ml
Doxylamine	4.543	491334	1389.22	97.9	1938.05	2171446	9.9743 ng/ml
EDDP	5.254	116728	299.99	41.8	2121.62	643404	9.7268 ng/ml
Etizolam	5.813	95099	160230.43	25.2	39709.37	219123	9.6120 ng/ml
Fentanyl	5.109	14824	326.51	65.9	66078.33	690525	1.0331 ng/ml
Flualprazolam	5.705	70782	11155.41	108.3	2841.63	579943	9.7877 ng/ml
Fluoxetine	5.700	64255	4032.89	8.6	616.12	274169	9.8049 ng/ml
Hydrocodone	3.018	86830	239.01	40.8	78.63	1039328	10.3143 ng/ml
Hydromorphone	1.601	79146	448572.67	77.3	2545.42	12463	9.9057 ng/ml
Ketamine	4.051	184418	9098.70	37.4	327.97	864167	9.8522 ng/ml
Lamotrigine	4.280	17685	1082.70	80.7	2791.94	864167	10.1300 ng/ml
Levetiracetam	2.683	71640	1108.08	165.8	1678.15	2297449	9.6332 ng/ml

AA



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	184018	1186.51	56.6	211.46	219123	10.5939 ng/ml
MDA	3.196	342044	3340.02	24.8	287.88	825370	10.4007 ng/ml
MDMA	3.290	198190	2845.94	76.4	1397.37	184018	9.8528 ng/ml
Meprobamate	4.924	88932	11152.15	28.2	1090.01	423485	10.1981 ng/ml
Methadone	5.646	338599	1454.03	48.4	950.80	1575624	9.7792 ng/ml
Methamphetamine	3.231	360354	692.66	37.1	1457.85	1370966	10.1452 ng/ml
Metoprolol	4.326	47520	109936.48	93.7	1602.54	2092499	9.9331 ng/ml
Mirtazapine	4.637	313578	1865.37	51.7	2726.86	1154979	9.7595 ng/ml
Mitragynine	5.243	60797	102063.24	38.4	580.72	1575624	9.7540 ng/ml
Morphine	1.240	11494	1615.98	36.2	3272.19	12463	9.8939 ng/ml
Norbuprenorphine	4.992	876	1232.78	78.5	9.24 Low	34251	1.0800 ng/ml
Nordiazepam	5.900	107331	601.37	55.6	409.63	354960	10.2099 ng/ml
Norfentanyl	4.079	40331	2124.80	36.8	1364.34	1769069	0.9669 ng/ml
Norhydrocodone	3.059	14425	77.29	37.6	106.63	131624	10.1003 ng/ml
Noroxycodone	2.903	100615	324.51	43.1	580.65	347808	9.9017 ng/ml
O-desmethyl-tramadol	3.369	388480	616.11	6.8	243.30	2353761	9.8768 ng/ml
Oxazepam	5.756	211299	372.35	72.6	10629.92	853884	10.0514 ng/ml
Oxycodone	2.834	187780	1571.31	27.2	469.46	817342	10.1180 ng/ml
Oxymorphone	1.398	86664	258.62	42.8	663.26	319788	9.6845 ng/ml
Phentermine	3.783	100734	317.20	4.2	46.84	1159790	10.3450 ng/ml
Promethazine	5.538	188767	418.04	28.9	196.76	831730	9.7763 ng/ml
Pseudoephedrine	2.596	470122	2856.74	16.5	1366.92	2297449	9.6770 ng/ml
Quetiapine	5.562	210269	220.54	59.8	60916.85	292966	9.7519 ng/ml
Sertraline	5.769	21019	91.52	99.2	139.23	102743	9.8924 ng/ml
Temazepam	5.816	332753	8353.33	29.8	93.14	1653615	9.7676 ng/ml
Tramadol	4.246	429352	2139.57	3.8	262.96	2092499	9.9522 ng/ml
Trazodone	5.190	198606	250077.10	79.4	7771.86	848085	9.9627 ng/ml
Venlafaxine	5.037	377595	1134.49	38.1	266.64	1956579	9.7304 ng/ml
Zolpidem	4.941	429360	49301.01	31.4	716.99	2111522	10.0830 ng/ml

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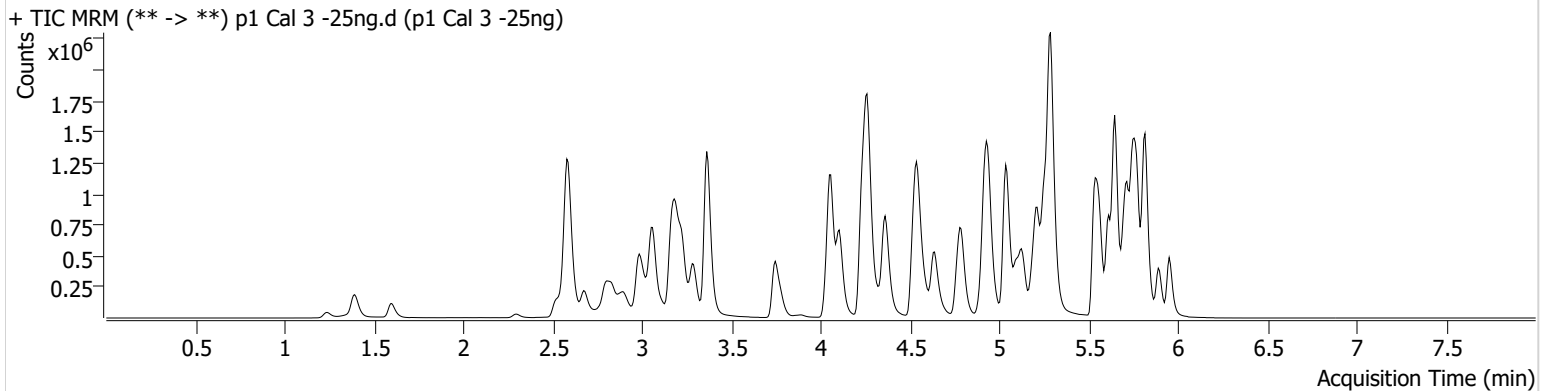


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 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	Amber Gerheart
Sample Position	P2-C1	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 5:46:51 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	11822	223.80	71.4	17916.08	127223	2.2999 ng/ml
7-aminoclonazepam	4.271	241521	21721.51	79.9	4127.79	371363	23.4000 ng/ml
a-hydroxyalprazolam	5.699	124057	1151.37	56.3	242.51	590146	25.2368 ng/ml
alpha-PHP	4.937	190359	3929.04	271.7	3887.72	1233215	26.1173 ng/ml
alpha-PVP	4.370	672756	1124.14	52.3	1988.52	1233215	23.4849 ng/ml
Alprazolam	5.775	396061	789.21	115.2	9732.25	590146	23.6569 ng/ml
Amphetamine	3.063	1305749	8253.31	47.7	2550.65	529189	26.2103 ng/ml
Benzoylecgonine	3.892	15245	1389.14	8.7	60.12	24099	24.5231 ng/ml
Buprenorphine	5.880	18691	10194.46	15.2	7160.10	267747	2.2123 ng/ml
Bupropion	4.788	775535	941.06	60.6	299.65	1122629	24.1787 ng/ml
Carisoprodol	5.724	373364	1203.27	60.8	2304.42	805387	22.3947 ng/ml
Citalopram	5.212	532478	10721.54	40.6	243271.98	1009266	23.6443 ng/ml
Clonazepam	5.612	462423	10872.27	31.3	6873.82	225549	25.6989 ng/ml
Clonazepam	5.555	307806	357973.56	36.8	116184.82	225549	25.2797 ng/ml
Cocaine	4.264	528329	21968.16	51.4	22835.85	2049401	23.7287 ng/ml
Codeine	2.573	59416	227.44	101.2	1546.71	119939	26.3250 ng/ml
Cyclobenzaprine	5.615	316554	292011.02	9.5	209.29	552301	23.1461 ng/ml
Dextromethorphan	5.262	313285	9061.62	81.5	121.43	621960	23.7607 ng/ml
Dextrophan	4.105	192590	7006.07	201.9	1116.53	964008	23.7120 ng/ml
Diazepam	5.960	271331	2886.42	88.0	4296.16	514023	24.4326 ng/ml
Dihydrocodeine	2.552	147326	127.28	65.3	474.04	356124	26.0895 ng/ml
Diphenhydramine	5.289	1369595	196.37	33.1	236.58	3439258	23.3555 ng/ml
Doxylamine	4.543	1292668	7414.80	98.0	9205.35	2344633	24.4249 ng/ml
EDDP	5.254	350729	1126.65	42.1	617.92	773929	23.6052 ng/ml
Etizolam	5.813	237539	323026.09	26.0	18759.36	225549	22.1258 ng/ml
Fentanyl	5.109	46931	352.43	67.1	46276.00	929310	2.3975 ng/ml
Flualprazolam	5.705	178722	28177.28	104.6	3246.89	590146	24.3685 ng/ml
Fluoxetine	5.700	273617	337574.81	8.8	2691.92	469202	24.5632 ng/ml
Hydrocodone	3.012	225935	179.46	40.5	186.23	1109135	25.8659 ng/ml
Hydromorphone	1.601	204718	842.91	76.8	2358.39	12850	25.4827 ng/ml
Ketamine	4.051	483205	350.52	36.7	366.88	924538	24.8511 ng/ml
Lamotrigine	4.273	45916	1796.68	79.7	915.53	924538	26.6590 ng/ml
Levetiracetam	2.676	178162	1799.95	169.0	2934.79	2405928	22.7462 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	426947	5085.41	57.6	396.38	225549	25.4856 ng/ml
MDA	3.196	858032	4466.05	25.0	523.44	863182	26.3423 ng/ml
MDMA	3.290	520470	7719.41	76.6	1139.12	197597	24.2004 ng/ml
Meprobamate	4.924	215964	18207.11	28.6	1316.96	432248	24.8728 ng/ml
Methadone	5.646	1009706	41424.85	48.2	3883.32	1910432	23.3831 ng/ml
Methamphetamine	3.231	934813	3588.07	37.4	479.24	1482081	25.5562 ng/ml
Metoprolol	4.326	123445	3562.34	92.2	5176.48	2197446	25.3873 ng/ml
Mirtazapine	4.637	876952	3259.58	51.6	540823.65	1233215	26.0021 ng/ml
Mitragynine	5.237	182222	306671.42	41.0	644.83	1910432	24.8989 ng/ml
Morphine	1.240	29718	6651.28	35.1	309.29	12850	24.7640 ng/ml
Norbuprenorphine	4.992	1953	∞	97.0	878.04	39211	2.2407 ng/ml
Nordiazepam	5.900	269998	769.74	58.1	2996.58	380866	23.9339 ng/ml
Norfentanyl	4.079	108193	982.63	33.2	261.24	1925570	2.2699 ng/ml
Norhydrocodone	3.059	34712	99.76	43.1	84.85	130234	23.3346 ng/ml
Noroxycodone	2.903	255952	2112.98	42.8	256.79	358212	24.4586 ng/ml
O-desmethyl-tramadol	3.369	994552	2406.28	6.8	337.11	2466859	23.8924 ng/ml
Oxazepam	5.756	499611	378.83	75.7	1911.33	837201	24.5983 ng/ml
Oxycodone	2.827	480233	1172.81	26.9	1243.07	860804	24.7016 ng/ml
Oxymorphone	1.391	224087	∞	42.4	∞	326874	24.7003 ng/ml
Phentermine	3.783	260681	513.93	4.4	96.37	1236824	26.3284 ng/ml
Promethazine	5.538	720932	1571.33	28.4	364.31	1299423	23.4253 ng/ml
Pseudoephedrine	2.589	1221965	1873.16	16.6	10291.82	2405928	23.2687 ng/ml
Quetiapine	5.562	610778	26559.79	57.7	227.28	337635	24.1850 ng/ml
Sertraline	5.769	91453	1116.64	101.2	21103.69	182198	23.8002 ng/ml
Temazepam	5.816	816737	7803.55	29.5	2484.41	1671365	23.0195 ng/ml
Tramadol	4.246	1103592	11892.01	3.6	130.72	2197446	25.0108 ng/ml
Trazodone	5.190	635536	24065.63	80.0	118026.84	1096964	25.2119 ng/ml
Venlafaxine	5.037	965675	1051.87	38.7	2873.79	2048842	23.3757 ng/ml
Zolpidem	4.941	1110468	562.76	31.3	1465.31	2245649	24.9813 ng/ml

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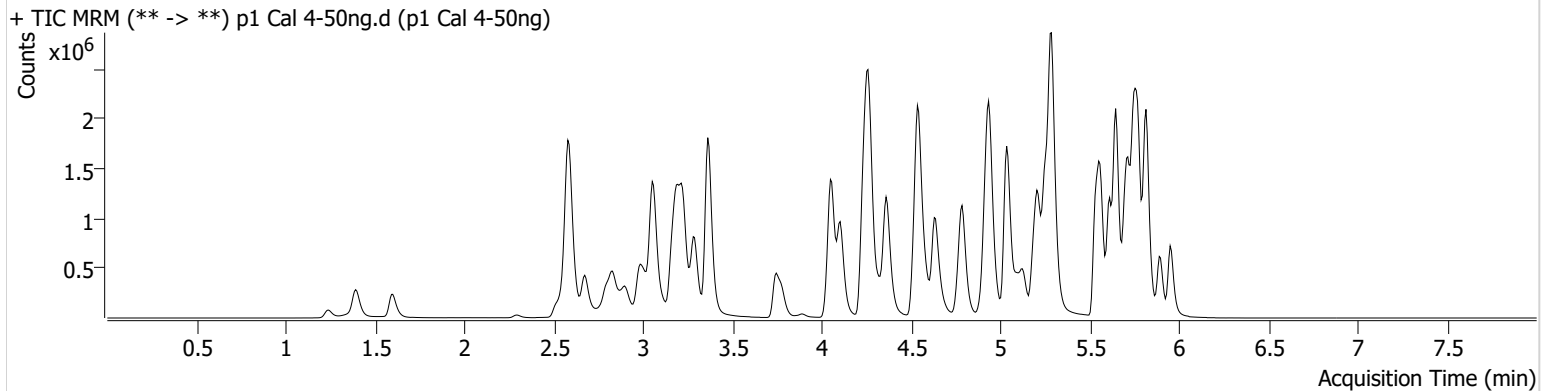


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 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	Amber Gerheart
Sample Position	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 5:57:27 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	26416	350.11	68.9	1322.62	123908	5.2736 ng/ml
7-aminoclonazepam	4.271	523416	9832.17	78.0	1470.62	361230	51.7658 ng/ml
a-hydroxyalprazolam	5.692	248704	437.38	57.3	910.11	579455	51.9786 ng/ml
alpha-PHP	4.937	380554	2818.53	266.4	53249.52	1174367	55.6325 ng/ml
alpha-PVP	4.370	1399982	1173.17	52.0	1473.17	1174367	51.0139 ng/ml
Alprazolam	5.775	850238	4327.92	111.5	∞	579455	51.4982 ng/ml
Amphetamine	3.056	2586204	2942.87	47.3	1342.64	507685	55.2086 ng/ml
Benzoylecgonine	3.892	32161	261.24	7.9	650.40	24620	51.2452 ng/ml
Buprenorphine	5.880	33240	78775.36	16.0	10287.64	223092	4.6275 ng/ml
Bupropion	4.788	1517582	35386.93	61.6	627.67	1020520	52.0567 ng/ml
Carisoprodol	5.724	773619	884019.84	57.7	4148.69	739646	49.9645 ng/ml
Citalopram	5.212	976965	16944.92	42.6	923744.35	857723	50.8018 ng/ml
Clonazepam	5.612	956536	677.65	31.6	3689.19	217702	55.9504 ng/ml
Clonazepam	5.555	638945	393057.42	36.8	201750.48	217702	55.0609 ng/ml
Cocaine	4.257	1105861	19326.28	50.9	512.20	1961831	51.4789 ng/ml
Codeine	2.573	121663	1939.30	103.4	108.05	114244	57.6929 ng/ml
Cyclobenzaprine	5.615	553771	25128.67	9.2	249.81	418059	53.0443 ng/ml
Dextromethorphan	5.262	557531	173.89	80.0	1013.36	503211	52.2125 ng/ml
Dextrophan	4.105	405366	1137857.75	201.4	25832.26	929473	51.5066 ng/ml
Diazepam	5.960	562598	8173.63	87.2	6758.09	497222	52.6132 ng/ml
Dihydrocodeine	2.552	304914	1498.67	66.0	653.77	354203	55.1958 ng/ml
Diphenhydramine	5.289	2611375	1708.42	32.9	12350.92	2991992	50.7204 ng/ml
Doxylamine	4.543	2767675	62107.51	98.6	48670.67	2292934	53.5747 ng/ml
EDDP	5.254	763436	460.30	42.1	1143.37	790202	49.8011 ng/ml
Etizolam	5.813	499244	4601.55	25.3	477402.91	217702	47.1890 ng/ml
Fentanyl	5.109	79905	2292.88	70.1	147.20	722616	5.2207 ng/ml
Flualprazolam	5.705	380714	21286.94	102.5	4863.32	579455	52.9324 ng/ml
Fluoxetine	5.700	567202	19809.44	8.6	85.03	456031	52.5161 ng/ml
Hydrocodone	3.012	474442	4278.73	39.5	341.13	1082327	56.2353 ng/ml
Hydromorphone	1.601	423916	3014.93	77.4	3518.00	12587	54.3365 ng/ml
Ketamine	4.051	998408	3298.57	37.5	398.99	895676	53.5672 ng/ml
Lamotrigine	4.273	88582	1877.75	82.1	2078.13	895676	54.5310 ng/ml
Levetiracetam	2.676	378830	570.36	167.0	7063.23	2317148	50.1040 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	835585	24732.62	55.5	1081.01	217702	52.9927 ng/ml
MDA	3.196	1690391	15779.20	24.6	1338.81	807798	56.5566 ng/ml
MDMA	3.290	1070442	4254.88	76.8	3081.98	189697	51.9277 ng/ml
Meprobamate	4.917	440495	118054.81	28.0	518.78	414250	53.4353 ng/ml
Methadone	5.646	1865556	57806.89	47.3	861.02	1610519	50.7032 ng/ml
Methamphetamine	3.224	1907671	1778.62	37.4	7745.48	1425498	55.1930 ng/ml
Metoprolol	4.326	260406	601821.03	90.9	2483.58	2160507	55.1039 ng/ml
Mirtazapine	4.637	1700042	4286.34	50.7	12774.26	1174367	53.2148 ng/ml
Mitragynine	5.244	323036	∞	38.7	203176.63	1610519	52.9500 ng/ml
Morphine	1.240	62217	984.80	34.1	3554.23	12587	52.8926 ng/ml
Norbuprenorphine	4.986	3510	1838.12	106.6	6315.48	33742	4.8366 ng/ml
Nordiazepam	5.900	571958	1403.62	56.9	462.26	365327	52.8549 ng/ml
Norfentanyl	4.079	223184	1128.60	34.8	687.77	1819821	4.8633 ng/ml
Norhydrocodone	3.060	65689	84.88	38.8	193.24	115510	48.8140 ng/ml
Noroxycodone	2.903	528133	2326.25	42.3	4955.22	344809	52.4311 ng/ml
O-desmethyl-tramadol	3.369	2145177	1838.22	6.7	324.51	2442416	51.8587 ng/ml
Oxazepam	5.749	1003991	3918.47	73.9	5075.51	768213	54.1726 ng/ml
Oxycodone	2.827	1022413	1690.76	27.1	1746.98	848884	53.4353 ng/ml
Oxymorphone	1.391	473390	∞	42.3	∞	316248	54.0895 ng/ml
Phentermine	3.783	530730	329.65	4.4	201.60	1188053	56.7644 ng/ml
Promethazine	5.538	1246988	12357.67	27.3	12736.67	1015943	51.4271 ng/ml
Pseudoephedrine	2.589	2534891	35072.81	16.4	14659.86	2317148	49.5348 ng/ml
Quetiapine	5.562	1141153	56127.32	58.1	31226.79	296776	51.1155 ng/ml
Sertraline	5.769	249163	20548.85	96.3	68046.62	225341	52.0387 ng/ml
Temazepam	5.816	1673274	2430.29	29.3	1844.01	1553304	50.1547 ng/ml
Tramadol	4.246	2330236	1558.61	3.6	358.54	2160507	54.2298 ng/ml
Trazodone	5.190	1109522	43744.34	80.4	2450.10	905233	53.7646 ng/ml
Venlafaxine	5.037	2000170	1371.35	38.5	809.84	1935421	50.9332 ng/ml
Zolpidem	4.941	2305803	135977.92	31.0	111392.30	2164571	54.1863 ng/ml

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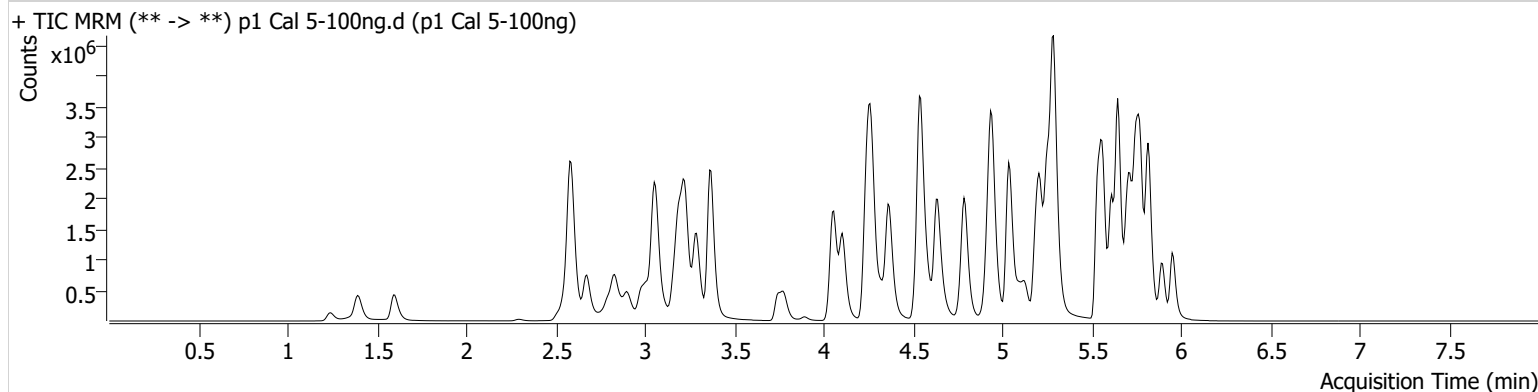


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 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	Amber Gerheart
Sample Position	P2-E1	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 6:08:03 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	48458	1509.08	69.6	456.65	119706	10.0117 ng/ml
7-aminoclonazepam	4.271	905217	3233.04	79.4	8828.85	325042	99.2167 ng/ml
a-hydroxyalprazolam	5.692	390760	∞	58.1	1144.89	509509	93.2207 ng/ml
alpha-PHP	4.937	708276	2034.48	266.9	11193.71	1149872	106.4057 ng/ml
alpha-PVP	4.370	2678482	67093.77	51.5	32587.51	1149872	99.4337 ng/ml
Alprazolam	5.775	1476440	1303.56	112.1	746.30	509509	101.5193 ng/ml
Amphetamine	3.056	4620273	2751.66	47.2	6829.76	501532	100.6735 ng/ml
Benzoylecgonine	3.892	62647	462.58	7.7	193.17	24326	101.5788 ng/ml
Buprenorphine	5.880	71718	4585.50	14.4	23539.84	235911	9.3551 ng/ml
Bupropion	4.788	3039983	1455.32	60.6	4954.54	1050490	101.3114 ng/ml
Carisoprodol	5.724	1290125	32452.19	56.5	2686.80	631858	97.1114 ng/ml
Citalopram	5.212	2009552	2736.75	41.3	398.44	895752	99.8551 ng/ml
Clonazepam	5.612	1584867	60699.82	31.8	14901.54	194386	104.4784 ng/ml
Clonazepam	5.555	1081197	3827089.78	37.6	730280.35	194386	104.8876 ng/ml
Cocaine	4.264	1980555	123342.61	51.9	1669.20	1835725	98.2179 ng/ml
Codeine	2.573	208921	871.15	100.6	225.04	109167	104.4425 ng/ml
Cyclobenzaprine	5.615	1391526	17180.95	9.2	471.92	554075	100.2632 ng/ml
Dextromethorphan	5.262	1147430	27294.05	80.8	25693.55	537880	100.4905 ng/ml
Dextrophan	4.105	751931	926.81	207.5	1203.15	896080	98.9015 ng/ml
Diazepam	5.953	1037715	5356.07	86.9	4548.55	469397	102.9988 ng/ml
Dihydrocodeine	2.545	555252	2096.24	67.1	1515.01	342031	104.8318 ng/ml
Diphenhydramine	5.289	5384840	478601.26	32.2	824.60	3124087	99.7839 ng/ml
Doxylamine	4.543	5349259	3265.29	97.3	5864.71	2286550	103.9156 ng/ml
EDDP	5.254	1743787	42872.50	42.5	916.66	923670	96.8749 ng/ml
Etizolam	5.813	886360	4890.24	25.8	405495.75	194386	92.9981 ng/ml
Fentanyl	5.109	187040	228.16	69.4	586.20	902140	9.7673 ng/ml
Flualprazolam	5.705	650433	21558.45	101.4	9920.77	509509	102.8997 ng/ml
Fluoxetine	5.700	1267314	26950.99	8.5	207977.92	522215	102.5730 ng/ml
Hydrocodone	3.012	872170	2929.42	39.2	379.42	1068557	105.1397 ng/ml
Hydromorphone	1.595	771552	3282.97	77.3	5454.81	12206	102.3533 ng/ml
Ketamine	4.051	1864578	1642.70	36.9	985.38	877911	102.5152 ng/ml
Lamotrigine	4.280	161495	1417.10	79.7	6798.12	877911	102.6790 ng/ml
Levetiracetam	2.676	695031	3828.63	166.7	4556.70	2199725	96.7432 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1248889	11206.64	57.4	3763.38	194386	89.5683 ng/ml
MDA	3.196	2892420	8459.65	24.2	1885.84	750772	104.9631 ng/ml
MDMA	3.290	1981785	3893.90	77.7	9397.92	181953	100.2955 ng/ml
Meprobamate	4.917	700569	22713.82	28.7	14782.75	380371	92.8770 ng/ml
Methadone	5.646	3958851	70409.64	47.0	179806.10	1735776	99.3882 ng/ml
Methamphetamine	3.224	3611701	1314.92	36.9	44917.15	1432592	104.7415 ng/ml
Metoprolol	4.326	477406	297964.66	90.6	8736.64	2086931	105.0812 ng/ml
Mirtazapine	4.637	3492317	19018.22	50.6	142055.22	1149872	111.9440 ng/ml
Mitragynine	5.243	705522	5910.31	39.5	1351.69	1735776	107.8487 ng/ml
Morphine	1.240	116102	60.67	34.4	415.33	12206	101.7579 ng/ml
Norbuprenorphine	4.986	7581	2823.54	97.3	103086.43	36357	9.8405 ng/ml
Nordiazepam	5.900	1027760	62607.31	56.8	2028.20	341458	101.6130 ng/ml
Norfentanyl	4.079	424921	6666.39	33.8	630.98	1771116	9.4400 ng/ml
Norhydrocodone	3.059	112428	179.51	41.9	132.84	100563	95.1344 ng/ml
Noroxycodone	2.903	905429	1557.11	42.4	954.21	305522	101.4472 ng/ml
O-desmethyl-tramadol	3.369	3972110	1511.48	6.7	614.46	2328383	100.5738 ng/ml
Oxazepam	5.749	1625395	8164.59	73.4	281.06	639219	105.6400 ng/ml
Oxycodone	2.827	1891636	1007.51	27.0	12428.76	822475	102.1229 ng/ml
Oxymorphone	1.391	825657	∞	42.1	4707.13	301018	99.2224 ng/ml
Phentermine	3.783	962415	∞	4.5	504.62	1154848	106.6381 ng/ml
Promethazine	5.538	3106334	2024.48	27.7	535621.08	1319521	98.3339 ng/ml
Pseudoephedrine	2.589	4734284	34674.29	16.3	46196.15	2199725	96.9623 ng/ml
Quetiapine	5.562	2338846	61675.94	58.4	11439.59	304622	101.8067 ng/ml
Sertraline	5.769	519486	14028.28	98.4	1005.29	243475	100.1146 ng/ml
Temazepam	5.816	2863716	2401.63	28.9	560.86	1344502	98.6885 ng/ml
Tramadol	4.246	4295023	1400.73	3.6	374.67	2086931	103.8877 ng/ml
Trazodone	5.190	2457265	137093.14	80.5	72067.08	1052734	102.7354 ng/ml
Venlafaxine	5.037	3814920	51511.85	37.6	13511.40	1886550	99.4036 ng/ml
Zolpidem	4.941	4249338	6629.60	31.1	82302.07	2060443	105.2073 ng/ml

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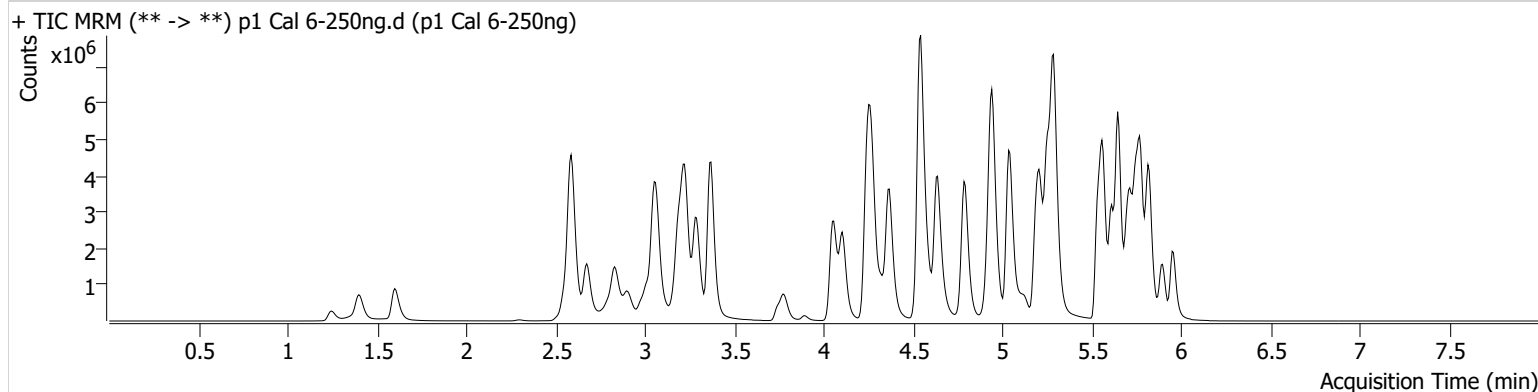


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 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	Amber Gerheart
Sample Position	P2-F1	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 6:18:39 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	115093	698.97	69.8	1280.80	114976	24.7536 ng/ml
7-aminoclonazepam	4.278	1648691	24186.90	78.1	18930.98	235910	248.5275 ng/ml
a-hydroxyalprazolam	5.692	614777	652.61	60.0	432.91	413136	181.2825 ng/ml
alpha-PHP	4.937	1373666	55191.45	272.0	3943.26	1013216	235.0807 ng/ml
alpha-PVP	4.370	5882461	87352.03	51.5	37025.32	1013216	247.4430 ng/ml
Alprazolam	5.775	3018836	5037.45	109.6	∞	413136	255.7076 ng/ml
Amphetamine	3.063	8333875	8688.84	47.5	5725.73	430492	212.6923 ng/ml
Benzoylecgonine	3.892	147157	7348.77	8.0	1772.10	23697	245.7494 ng/ml
Buprenorphine	5.880	129394	5432.87	14.3	22871.40	161777	24.4769 ng/ml
Bupropion	4.788	6350570	11105.85	60.3	1417.90	893713	248.7795 ng/ml
Carisoprodol	5.724	2242072	7658031.59	57.4	12214.64	430462	247.0325 ng/ml
Citalopram	5.212	3755282	2825.07	40.9	25606.17	671351	248.6577 ng/ml
Clonazepam	5.612	2908689	63379.09	31.7	61466.56	151740	246.6729 ng/ml
Clonazepam	5.555	2034190	6238.91	37.3	1237209.98	151740	253.6496 ng/ml
Cocaine	4.264	4209967	2503.39	50.8	84912.02	1562968	244.6998 ng/ml
Codeine	2.566	395274	289.94	102.6	17089.59	94609	229.1444 ng/ml
Cyclobenzaprine	5.615	2319081	4375.88	9.0	335.08	371397	248.7763 ng/ml
Dextromethorphan	5.262	1890239	42046.69	79.7	484.24	362481	245.5875 ng/ml
Dextrophan	4.105	1601968	1558.20	205.9	50792.95	775833	243.0469 ng/ml
Diazepam	5.960	2108320	1322.54	88.1	10926.50	400466	245.5732 ng/ml
Dihydrocodeine	2.545	1197575	7734.78	66.6	1251.12	322011	241.2422 ng/ml
Diphenhydramine	5.289	10228132	929.85	32.1	24505.59	2345883	251.8062 ng/ml
Doxylamine	4.543	12421007	184465.39	96.1	169355.21	2114010	261.1141 ng/ml
EDDP	5.254	4630910	528.77	42.1	1047.80	956801	247.6368 ng/ml
Etizolam	5.813	1842557	53680.05	25.4	649168.74	151740	246.2588 ng/ml
Fentanyl	5.109	326596	2449.34	67.7	1473597.36	628949	24.4266 ng/ml
Flualprazolam	5.705	1314547	10044.05	97.8	11502.86	413136	256.5583 ng/ml
Fluoxetine	5.700	1912176	7322.09	8.6	9299.75	317607	254.6347 ng/ml
Hydrocodone	3.012	1850456	836.74	39.5	785.36	976007	244.8839 ng/ml
Hydromorphone	1.601	1655240	1666036.45	77.4	2043225.75	10979	244.7017 ng/ml
Ketamine	4.051	4086751	111556.59	36.9	9953.23	791167	250.0403 ng/ml
Lamotrigine	4.280	292039	12153.96	81.1	2843.31	791167	207.5013 ng/ml
Levetiracetam	2.676	1522488	1944.64	166.3	3303.54	1846455	252.3111 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1651166	3930.83	56.0	1233.03	151740	152.5889 ng/ml
MDA	3.196	5143770	10533.97	23.6	3323.28	602436	233.8364 ng/ml
MDMA	3.290	4192638	141889.49	76.9	7161.38	157434	245.3349 ng/ml
Meprobamate	4.917	1207137	38309.04	28.5	982.11	335395	181.9172 ng/ml
Methadone	5.646	7403796	1738.97	45.9	17988.87	1251907	256.9873 ng/ml
Methamphetamine	3.224	7473979	109115.24	36.7	2118.35	1299060	240.1391 ng/ml
Metoprolol	4.326	1002477	91645.62	90.8	7520.60	1786556	258.5567 ng/ml
Mirtazapine	4.637	6979800	113427.60	50.3	1342.11	1013216	254.2538 ng/ml
Mitragynine	5.237	1191173	116230.35	39.9	3551.51	1251907	253.1823 ng/ml
Morphine	1.247	252701	11687.49	34.7	4550.29	10979	246.1868 ng/ml
Norbuprenorphine	4.986	14392	759.02	99.2	134.71	28237	24.2634 ng/ml
Nordiazepam	5.900	1982000	1405.08	56.8	12250.55	267615	250.0249 ng/ml
Norfentanyl	4.079	909299	1197.57	34.0	7807.54	1453725	24.4874 ng/ml
Norhydrocodone	3.053	231196	272.31	39.5	366.53	80875	241.9205 ng/ml
Noroxycodone	2.903	1745201	7459.71	42.5	972.07	242540	246.3166 ng/ml
O-desmethyl-tramadol	3.369	9166407	9585.01	6.5	2370.39	2102438	256.7836 ng/ml
Oxazepam	5.749	2417715	3400.72	73.1	8270.68	400364	251.2308 ng/ml
Oxycodone	2.827	4256214	1946.31	27.0	3697.68	761993	248.1488 ng/ml
Oxymorphone	1.398	1723321	∞	42.3	∞	251544	248.0276 ng/ml
Phentermine	3.783	1859824	7720.29	4.3	1165.29	1018771	234.6208 ng/ml
Promethazine	5.538	5152219	1777.33	27.6	40126.09	863617	248.6954 ng/ml
Pseudoephedrine	2.589	10252724	127274.47	15.7	93896.47	1846455	249.3603 ng/ml
Quetiapine	5.562	4535679	101060.69	57.2	40094.82	237688	252.6447 ng/ml
Sertraline	5.769	875422	20075.18	98.3	1918.93	167989	244.0523 ng/ml
Temazepam	5.823	5064610	90065.40	28.4	873.97	967639	241.7961 ng/ml
Tramadol	4.246	9238985	∞	3.5	8552.02	1786556	261.7254 ng/ml
Trazodone	5.190	4599226	234971.96	81.5	1950.81	835643	242.7625 ng/ml
Venlafaxine	5.037	8444998	138669.98	37.0	677.47	1625379	254.9825 ng/ml
Zolpidem	4.941	9338479	441926.39	29.8	93038.63	1840562	259.2976 ng/ml

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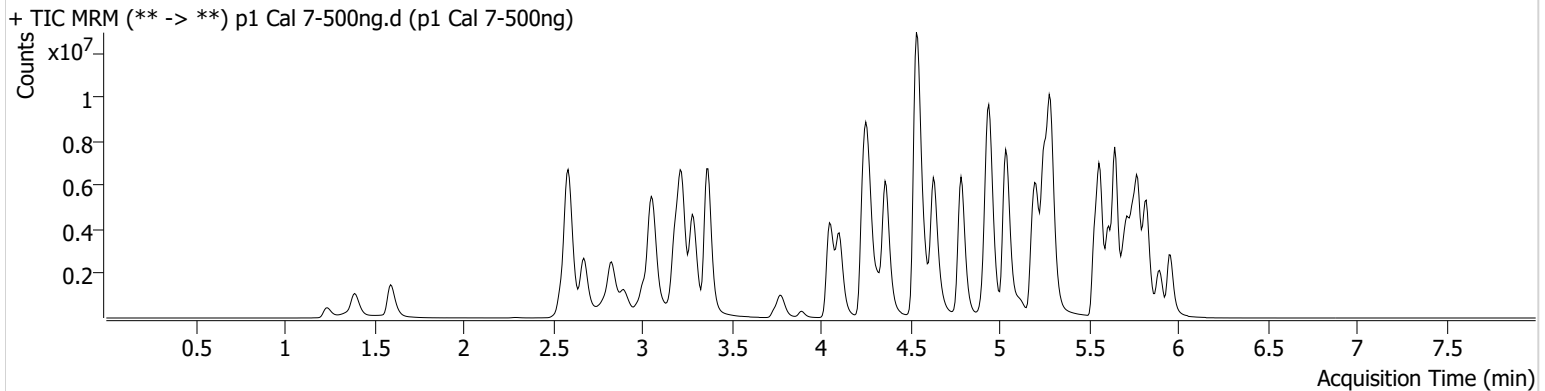


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 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	Amber Gerheart
Sample Position	P2-G1	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 6:29:15 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	222260	2209.83	68.8	27804.61	108567	50.6218 ng/ml
7-aminoclonazepam	4.278	2237212	22524.47	79.4	17703.03	155459	511.4492 ng/ml
a-hydroxyalprazolam	5.685	813898	341.90	57.9	5700.97	338083	293.5455 ng/ml
alpha-PHP	4.930	2171508	54550.81	275.8	16067.13	888077	424.5706 ng/ml
alpha-PVP	4.363	10684302	7213.01	51.5	57931.00	888077	512.4825 ng/ml
Alprazolam	5.775	4897547	877.67	111.6	735.54	338083	506.7506 ng/ml
Amphetamine	3.056	12380925	88088.61	47.4	49943.65	370425	367.9656 ng/ml
Benzoylecgonine	3.892	321149	22749.03	7.6	3856.24	25275	503.4280 ng/ml
Buprenorphine	5.880	182851	538885.45	14.5	43016.01	104248	53.5781 ng/ml
Bupropion	4.788	10922630	99620.48	60.9	946.23	756569	505.4591 ng/ml
Carisoprodol	5.724	3172913	2392570.51	56.5	18315.63	291348	516.0309 ng/ml
Citalopram	5.212	5360179	76631.20	40.8	2286.92	471521	505.1263 ng/ml
Clonazepam	5.612	4368007	85150.69	30.8	29510.96	118406	475.4220 ng/ml
Clonazepam	5.555	3042086	141013.64	37.2	828462.03	118406	486.6670 ng/ml
Cocaine	4.257	7313086	103181.47	49.9	3598.70	1307057	507.9217 ng/ml
Codeine	2.566	621204	1751.32	99.1	478.51	80623	423.3970 ng/ml
Cyclobenzaprine	5.615	2783067	2278.56	9.0	645.73	221543	500.1457 ng/ml
Dextromethorphan	5.262	2390577	18770.17	79.7	6197.17	226898	496.1449 ng/ml
Dextrophan	4.105	2780060	1649.30	208.7	86418.68	648484	504.3807 ng/ml
Diazepam	5.960	3527388	7846.46	88.1	14325.26	337276	488.0477 ng/ml
Dihydrocodeine	2.545	2079261	3457.38	66.5	1716.02	320591	421.3300 ng/ml
Diphenhydramine	5.289	14767223	119225.66	33.2	700.91	1683502	506.1984 ng/ml
Doxylamine	4.536	22541075	3391.18	96.6	1833.81	1991292	503.1388 ng/ml
EDDP	5.254	9289690	94436.06	41.6	44112.47	918268	517.1061 ng/ml
Etizolam	5.813	3184305	3270.10	25.3	14720.36	118406	544.3726 ng/ml
Fentanyl	5.109	450717	9945.06	67.9	453501.20	416831	50.8378 ng/ml
Flualprazolam	5.705	2065466	35114.67	98.6	727.57	338083	492.6557 ng/ml
Fluoxetine	5.700	1780516	5676.65	8.5	414.62	152515	493.8604 ng/ml
Hydrocodone	3.012	3313882	1458.97	40.1	∞	920726	465.3282 ng/ml
Hydromorphone	1.595	2995809	2318735.87	77.8	5973593.98	9887	492.2294 ng/ml
Ketamine	4.051	7548061	102017.04	35.8	1514.98	745037	490.8870 ng/ml
Lamotrigine	4.280	428584	3097.75	81.6	4053.49	745037	324.1870 ng/ml
Levetiracetam	2.676	2701468	12293.89	168.2	7044.06	1487024	555.7936 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	1739614	47253.45	57.5	1012.07	118406	206.4688 ng/ml
MDA	3.189	7231140	69009.23	23.1	4393.40	476059	416.7710 ng/ml
MDMA	3.290	7228972	2279.30	76.9	8108.69	131254	507.4573 ng/ml
Meprobamate	4.911	1618252	31386.61	28.4	11025.23	300943	272.0100 ng/ml
Methadone	5.646	10383436	51303.47	47.7	1285.26	881654	511.3126 ng/ml
Methamphetamine	3.224	12669362	6504.13	36.0	1194.09	1212295	436.9075 ng/ml
Metoprolol	4.326	1655852	149155.54	91.7	92338.61	1599926	477.3591 ng/ml
Mirtazapine	4.631	11147233	473643.75	50.4	202625.20	888077	463.5029 ng/ml
Mitragynine	5.237	1446886	2075.55	40.0	8636.06	881654	437.0708 ng/ml
Morphine	1.240	469684	12535.54	33.9	103.11	9887	508.0871 ng/ml
Norbuprenorphine	4.986	21955	263.50	95.9	1068.08	19023	55.1247 ng/ml
Nordiazepam	5.900	3039479	∞	56.0	1214.39	212316	483.2857 ng/ml
Norfentanyl	4.079	1576083	4969.24	33.9	4482.33	1172459	52.5372 ng/ml
Norhydrocodone	3.053	430245	195.56	41.0	289.76	68815	528.0892 ng/ml
Noroxycodone	2.896	2676654	725.23	43.1	61572.94	184313	497.1294 ng/ml
O-desmethyl-tramadol	3.369	16473785	119376.87	6.7	12512.06	1899327	510.6798 ng/ml
Oxazepam	5.749	2616968	3024.44	74.2	22208.47	228336	477.0396 ng/ml
Oxycodone	2.827	7974543	2239.78	26.6	1554.88	725681	488.2919 ng/ml
Oxymorphone	1.391	3125002	∞	40.6	∞	222285	509.1048 ng/ml
Phentermine	3.783	2967427	3515.39	4.2	2179.38	938667	406.9211 ng/ml
Promethazine	5.532	6417205	2926.96	27.5	1976.27	521463	512.6510 ng/ml
Pseudoephedrine	2.589	17401719	163209.55	15.7	59489.27	1487024	524.9732 ng/ml
Quetiapine	5.562	7087008	4327.24	57.3	257933.58	185094	506.6654 ng/ml
Sertraline	5.769	880229	550.69	97.9	759.63	80524	511.5806 ng/ml
Temazepam	5.823	6851805	138002.66	28.0	26181.94	622420	508.0148 ng/ml
Tramadol	4.239	15556092	3045.74	3.6	5570.04	1599926	492.4798 ng/ml
Trazodone	5.190	7097360	132534.51	80.6	179603.03	638622	490.5870 ng/ml
Venlafaxine	5.037	15067731	4356.52	37.4	1104.79	1417694	521.3101 ng/ml
Zolpidem	4.941	16120368	10794.05	30.5	89245.38	1696891	485.7860 ng/ml

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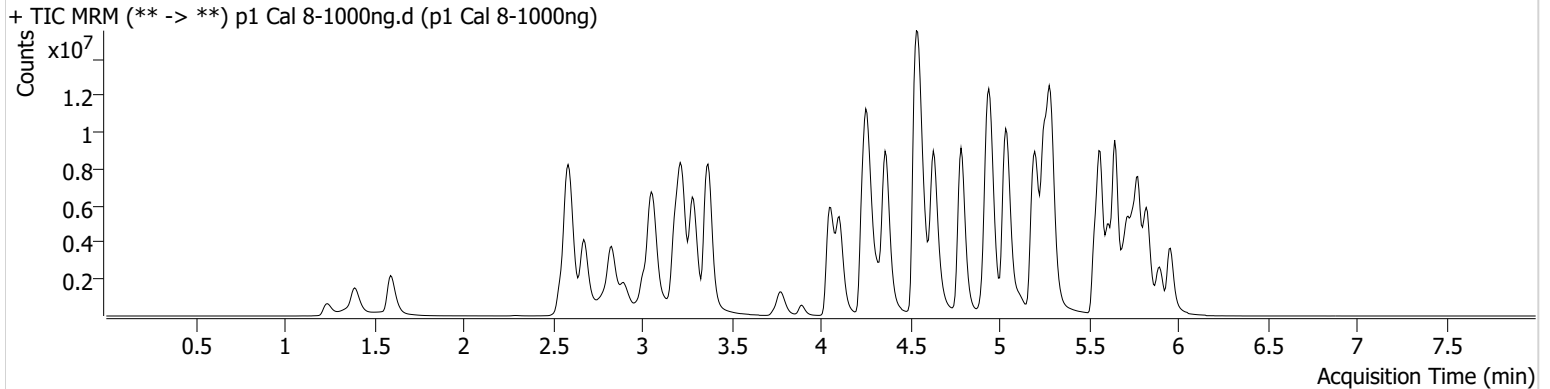


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\050321 AM 27 28 AG\QuantResults\AM 28.batch.bin
Calibration Last Update 5/10/2021 10:25:16 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	Amber Gerheart
Sample Position	P2-H1	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2021 6:39:51 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	384520	1960.37	69.0	31008.88	91306	104.1315 ng/ml
7-aminoclonazepam	4.278	2444751	1222.04	73.3	7932.83	86503	1004.1346 ng/ml
a-hydroxyalprazolam	5.685	963923	692.24	58.5	932.06	239100	491.8682 ng/ml
alpha-PHP	4.930	2959389	95306.83	278.8	32301.15	681267	754.8328 ng/ml
alpha-PVP	4.363	16462361	1807.14	52.9	3834.78	681267	1029.0783 ng/ml
Alprazolam	5.775	6726135	∞	112.9	3273.85	239100	983.8871 ng/ml
Amphetamine	3.063	15681247	119670.14	47.5	27061.69	275780	626.7178 ng/ml
Benzoylecgonine	3.892	641399	2891.63	7.9	344.02	25449	999.1033 ng/ml
Buprenorphine	5.880	219440	45993.74	14.4	46503.44	56072	119.4419 ng/ml
Bupropion	4.788	16392882	369268.67	61.8	238375.20	591420	970.4429 ng/ml
Carisoprodol	5.724	4045569	764395.56	54.8	18697.26	171349	1118.2103 ng/ml
Citalopram	5.212	6685160	71736.50	40.9	42825.59	287489	1033.0460 ng/ml
Clonazepam	5.612	5606507	92169.02	31.0	109962.81	81624	885.8642 ng/ml
Clonazepam	5.548	3688314	147606.07	37.3	5667.75	81624	856.3977 ng/ml
Cocaine	4.257	10812627	687.96	50.0	1054.57	940346	1043.4797 ng/ml
Codeine	2.566	846008	264.73	97.7	1320.97	63412	733.8212 ng/ml
Cyclobenzaprine	5.615	3069558	3046.94	9.0	9422.11	119704	1020.5820 ng/ml
Dextromethorphan	5.262	2792109	657.82	79.7	32826.17	128167	1025.8271 ng/ml
Dextrophan	4.105	4172706	65706.82	209.7	130288.08	465051	1055.4143 ng/ml
Diazepam	5.960	5073090	28051.16	86.9	425112.62	238977	990.8463 ng/ml
Dihydrocodeine	2.545	3100390	1489.43	67.6	2941.70	278201	724.5756 ng/ml
Diphenhydramine	5.289	19016020	53964.04	34.0	14265.43	1067338	1027.7373 ng/ml
Doxylamine	4.543	31738917	639767.96	98.9	17242.60	1625929	867.6995 ng/ml
EDDP	5.254	14587777	23041.17	41.7	393707.63	698318	1067.2930 ng/ml
Etizolam	5.813	4665580	31068.91	25.5	2848.76	81624	1156.0777 ng/ml
Fentanyl	5.109	588310	57176.53	69.4	30202.87	275279	100.4552 ng/ml
Flualprazolam	5.705	2784099	64713.72	96.5	68965.60	239100	939.0220 ng/ml
Fluoxetine	5.700	1410878	3877.44	8.5	325906.67	62984	947.7233 ng/ml
Hydrocodone	3.012	5241859	∞	40.0	326.01	767332	883.6387 ng/ml
Hydromorphone	1.595	4706432	1461.14	78.1	2023528.31	8272	924.6366 ng/ml
Ketamine	4.051	11729846	17099.65	35.7	21333.42	603865	941.6453 ng/ml
Lamotrigine	4.280	514898	2175.17	81.9	1206.55	603865	481.2290 ng/ml
Levetiracetam	2.676	4143676	82872.64	173.4	13669.11	1014489	1249.4796 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1844716	41053.08	55.8	813.11	81624	318.2935 ng/ml
MDA	3.189	9439992	72511.08	22.9	2075.31	342537	756.9756 ng/ml
MDMA	3.290	10408456	5696.77	79.0	34772.09	96007	998.9612 ng/ml
Meprobamate	4.911	1903376	22820.49	28.0	11754.91	238040	404.6956 ng/ml
Methadone	5.646	13389526	204530.58	49.7	29975.28	577490	1006.1741 ng/ml
Methamphetamine	3.224	16641099	82118.41	36.5	115213.10	915587	760.4850 ng/ml
Metoprolol	4.326	2310778	689.83	91.8	147679.48	1237942	861.4019 ng/ml
Mirtazapine	4.631	15927249	184647.83	51.4	18169.03	681267	863.5302 ng/ml
Mitragynine	5.237	1459958	45318.22	40.1	782514.98	577490	673.5938 ng/ml
Morphine	1.240	729151	15580.73	35.2	∞	8272	942.7384 ng/ml
Norbuprenorphine	4.986	26160	277.48	97.2	118874.07	12324	101.5041 ng/ml
Nordiazepam	5.900	3956508	41778.24	56.9	18039.59	134936	989.8538 ng/ml
Norfentanyl	4.079	2271278	116395.28	34.1	843.65	779058	113.8525 ng/ml
Norhydrocodone	3.053	688825	136.30	42.4	94.81	53217	1092.3681 ng/ml
Noroxycodone	2.896	3666291	19061.29	43.9	574.42	127444	984.7813 ng/ml
O-desmethyl-tramadol	3.369	23369184	311264.27	7.2	2345.10	1440960	954.7341 ng/ml
Oxazepam	5.749	2497439	6119.48	74.1	15257.62	112793	921.8419 ng/ml
Oxycodone	2.827	12824128	2495.48	26.2	1740.49	598715	951.8465 ng/ml
Oxymorphone	1.391	4722120	189.17	42.3	190.81	180292	948.5904 ng/ml
Phentermine	3.783	4137116	2834.08	4.2	452.03	755404	705.5818 ng/ml
Promethazine	5.532	7175400	4460.91	27.4	3552.43	289569	1031.9390 ng/ml
Pseudoephedrine	2.596	24031712	200776.50	16.2	182844.77	1014489	1062.1568 ng/ml
Quetiapine	5.562	10527109	642610.26	58.0	208823.52	142465	977.5641 ng/ml
Sertraline	5.769	685911	424.70	98.8	535.13	31886	1006.4061 ng/ml
Temazepam	5.830	7878952	35868.40	28.3	3708.91	329932	1101.4694 ng/ml
Tramadol	4.239	20942117	1252.73	3.9	1053.08	1237942	857.1898 ng/ml
Trazodone	5.190	11384373	160242.13	81.1	192603.56	530261	948.0834 ng/ml
Venlafaxine	5.037	22338695	2277.24	39.8	7959.27	1103629	992.5646 ng/ml
Zolpidem	4.948	23348471	161431.76	32.2	173452.71	1384464	862.6334 ng/ml