

Worklist: 6018

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-2004	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2120	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2123	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2270	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2448	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2454	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2485	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1323	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1323	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1323	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1810	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1840	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1841	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1875	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1876	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1891	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1893	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1908	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1915	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1916	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1943	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6018

SC

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2022-1944	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 07/01/22

Analyst: Sarah Collins

Plate lot#: 220324

Plate Retest Date: 09/24/22

Mobile phase A: 5mM Amm Form + 0.01% FA

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20723

Blank Urine Lot: N/A

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.
- 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. ~~Pipette ID: Click here to enter text.~~ 070622 SC Pipette ID: #16
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. (SKIPPED PER DEVIATION)
- 5. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 8. 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)**
- 9. Wait 5 minutes.
- 10. Add **900uL ethyl acetate**.
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 13. Add **900uL ethyl acetate**.
- 14. Wait 5 minutes.
- 15. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 16. Remove plate containing eluate.
- 17. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples but optional for blood samples.
- 18. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 19. 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: *Curve Range Limits: 7-aminoclonazepam 5-500, alpha-hydroxyalprazolam 5-100, amphetamine 5-500, lamotrigine 5-250, lorazepam 5-100, norbuprenorphine 1-100, norhydrocodone 5-500, trazodone 5-500, meprobamate 5-500*

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	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1			IS + Cal. 1	IS + QC_1			p2022-1891-1	p2022-1323-2	m2022-2004-3	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2			IS + Cal. 2	IS + QC_2			p2022-1876-1	p2022-1915-1	m2022-2123-1	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3			IS + Cal. 3	IS + QC_3			p2022-1841-1	m2022-2448-1	negative blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4			IS + Cal. 4	IS + QC_4			p2022-1875-1	p2022-1908-1	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2			IS + Cal. 5	IS + QC_2		p2022-1893-1	p2022-1840-1	p2022-1323-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6				IS + Cal. 6			m2022-2485-2	p2022-1810-1	m2022-2270-2	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7				IS + Cal. 7			p2022-1943-1	p2022-1323-3	m2022-2120-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8				IS + Cal. 8			p2022-1944-1	p2022-1916-1	m2022-2454-3	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

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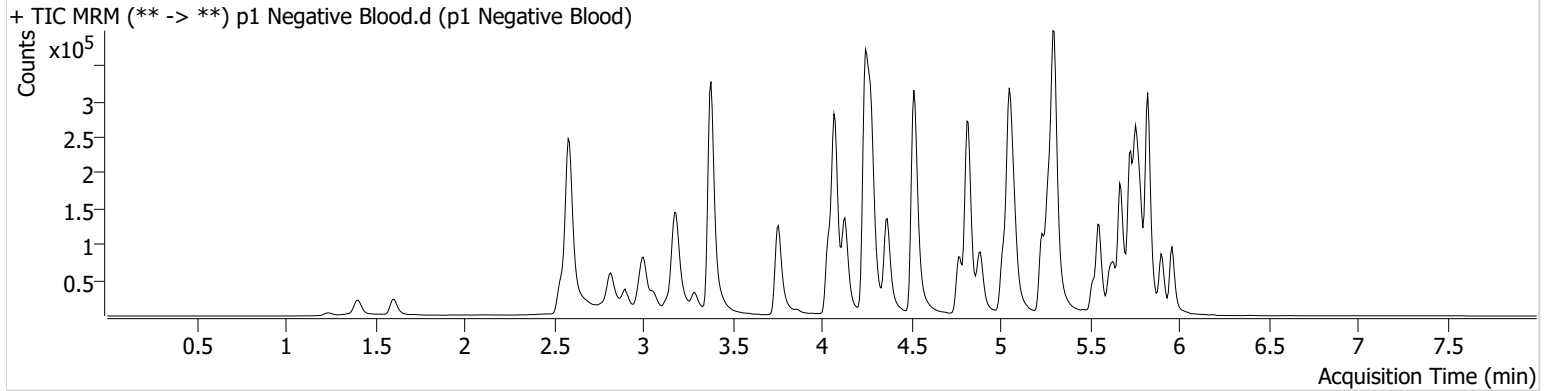


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	7/1/2022 9:55:55 PM		
Sample Info.			

Sample Chromatogram



SC

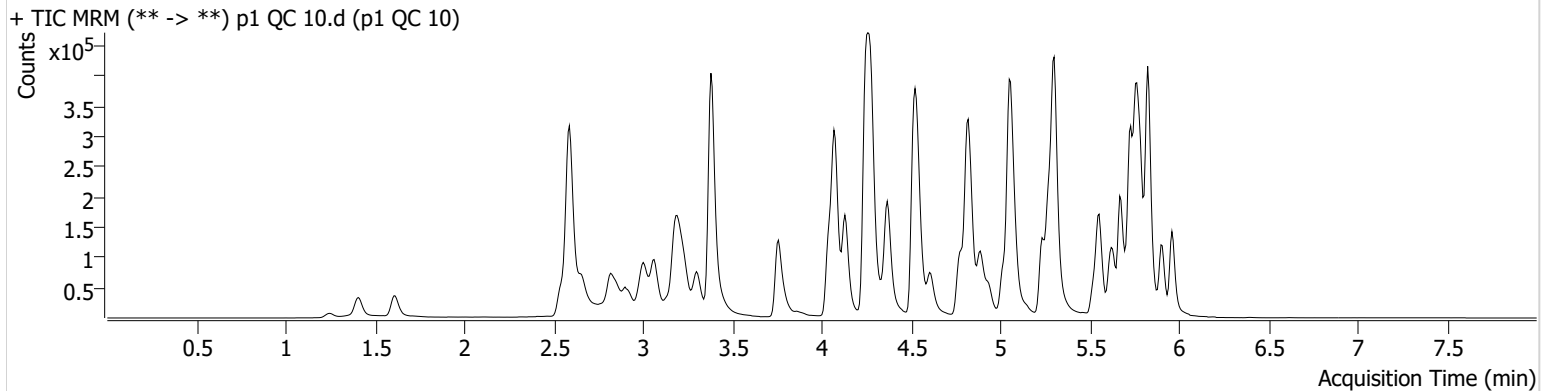


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-H11	Comment	
Injection Volume	2		
Acq. Date-Time	7/1/2022 8:41:35 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	1750	25.01	72.0	2112.54	43824	0.9430 ng/ml
7-aminoclonazepam	4.263	35521	517.22	73.3	273.17	129673	10.6239 ng/ml
a-hydroxyalprazolam	5.706	18606	4516.44	66.0	2756.91	221458	10.7773 ng/ml
alpha-PHP	4.936	24283	1414.30	260.1	140.90	342053	10.4926 ng/ml
alpha-PVP	4.375	92273	880.39	50.1	434.25	342053	10.1935 ng/ml
Alprazolam	5.782	66496	905.67	105.0	626.23	221458	10.4873 ng/ml
Amphetamine	3.065	117494	96.20	49.3	770.26	131491	9.1902 ng/ml
Benzoylecgonine	3.897	3173	232.52	8.5	26.77	9408	9.9953 ng/ml
Buprenorphine	5.683	1423	2204.32	13.2	297.77	45110	1.2356 ng/ml
Bupropion	4.787	63085	177.23	68.6	216.29	224211	9.9220 ng/ml
Carisoprodol	5.737	73222	167468.20	63.1	448.22	341854	10.2631 ng/ml
Citalopram	5.232	53704	398.66	33.4	40305.34	232084	10.3786 ng/ml
Clonazepam	5.619	68072	2154.66	34.9	60608.38	91917	10.0174 ng/ml
Clonazepam	5.563	45927	84715.85	36.9	27901.37	91917	10.3103 ng/ml
Cocaine	4.276	70954	11489.50	57.7	6509.55	574372	9.9200 ng/ml
Codeine	2.594	9142	46.97	107.6	2381.87	44822	10.1729 ng/ml
Cyclobenzaprine	5.635	24032	57328.70	7.4	19.59	81059	11.1116 ng/ml
Dextromethorphan	5.281	24553	2182.97	82.5	906.44	96272	10.6401 ng/ml
Dextrophan	4.130	27514	9864.18	202.0	293.87	282938	10.0112 ng/ml
Diazepam	5.967	45956	582.56	91.4	2124.18	202064	10.3289 ng/ml
Dihydrocodeine	2.573	22782	79.68	67.5	1423.27	132051	10.4596 ng/ml
Diphenhydramine	5.302	135123	6237.09	31.1	983.35	754104	10.9155 ng/ml
Doxylamine	4.535	198898	1470.07	100.2	1184.13	883897	9.9791 ng/ml
EDDP	5.274	51404	2098.66	41.9	7871.27	284782	9.4894 ng/ml
Etizolam	5.827	31676	47188.28	27.2	17446.27	91917	10.2722 ng/ml
Fentanyl	5.088	2930	101.17	72.8	2283.61	149398	1.0769 ng/ml
Flualprazolam	5.712	25231	1994.02	104.9	53342.49	221458	10.1549 ng/ml
Fluoxetine	5.728	31219	207.30	7.1	1634.72	105719	10.8792 ng/ml
Hydrocodone	3.034	34250	76.72	36.5	79.90	191465	10.1861 ng/ml
Hydromorphone	1.615	26403	642.24	81.0	76443.02	82816	9.9462 ng/ml
Ketamine	4.056	74714	497.23	34.3	83.26	314635	10.0584 ng/ml
Lamotrigine	4.285	6762	288.42	88.4	628.14	314635	10.7649 ng/ml
Levetiracetam	2.658	37256	346.56	159.9	225.86	813443	10.8837 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	63753	1093.13	50.4	177.89	91917	11.0481 ng/ml
MDA	3.212	107635	726.26	29.8	568.58	230491	11.1544 ng/ml
MDMA	3.306	65416	490.33	89.6	450.40	66979	9.9517 ng/ml
Meprobamate	4.910	41533	3459.71	28.4	304.18	208824	10.7310 ng/ml
Methadone	5.673	64193	625.56	59.4	64.26	261675	10.6819 ng/ml
Methamphetamine	3.233	89757	260.38	39.0	75.12	289721	11.7980 ng/ml
Metoprolol	4.338	20008	230.19	95.9	603.57	824373	10.3077 ng/ml
Mirtazapine	4.609	94928	1106.40	52.9	482.47	342053	11.0936 ng/ml
Mitragynine	5.222	13330	445.24	37.9	3726.90	261675	11.0763 ng/ml
Morphine	1.253	3400	130.04	26.8	1093.76	5757	8.5513 ng/ml
Norbuprenorphine	5.005	215	27.03	72.7	447.43	6548	1.0669 ng/ml
Nordiazepam	5.907	48962	301.07	55.1	823.02	158443	10.3274 ng/ml
Norfentanyl	4.097	16541	1854.14	35.1	14.81	672621	1.0013 ng/ml
Norhydrocodone	3.082	4918	54.48	37.5	115.73	51395	10.2464 ng/ml
Noroxycodone	2.925	34745	51.11	49.7	289.01	102473	10.0057 ng/ml
O-desmethyl-tramadol	3.386	180410	3856.60	6.0	182.28	928501	9.8027 ng/ml
Oxazepam	5.763	82191	341.66	68.6	528.92	437096	10.6132 ng/ml
Oxycodone	2.850	62767	185.04	30.6	493.98	225290	10.2729 ng/ml
Oxymorphone	1.411	25862	288.79	50.4	105.55	79160	9.9337 ng/ml
Phentermine	3.794	30480	292.45	5.5	70.03	376033	10.1690 ng/ml
Promethazine	5.552	53430	110.13	32.2	493.85	218904	10.4252 ng/ml
Pseudoephedrine	2.597	162288	952.35	17.1	34.72	813443	9.9752 ng/ml
Quetiapine	5.528	61482	708.20	59.9	114.48	87921	9.4735 ng/ml
Sertraline	5.796	13804	17537.19	92.8	978.16	51898	11.7444 ng/ml
Temazepam	5.831	135207	2940.64	26.9	152.97	633790	9.5702 ng/ml
Tramadol	4.257	183333	654.36	3.4	65.45	824373	10.2048 ng/ml
Trazodone	5.053	52447	2870.84	79.1	176.14	211856	10.5916 ng/ml
Venlafaxine	5.050	139963	∞	32.4	1159.18	707343	10.4732 ng/ml
Zolpidem	4.832	158138	2098.30	30.9	1959.49	731928	10.3723 ng/ml

AM #28 Multi-Drug Quant. Results

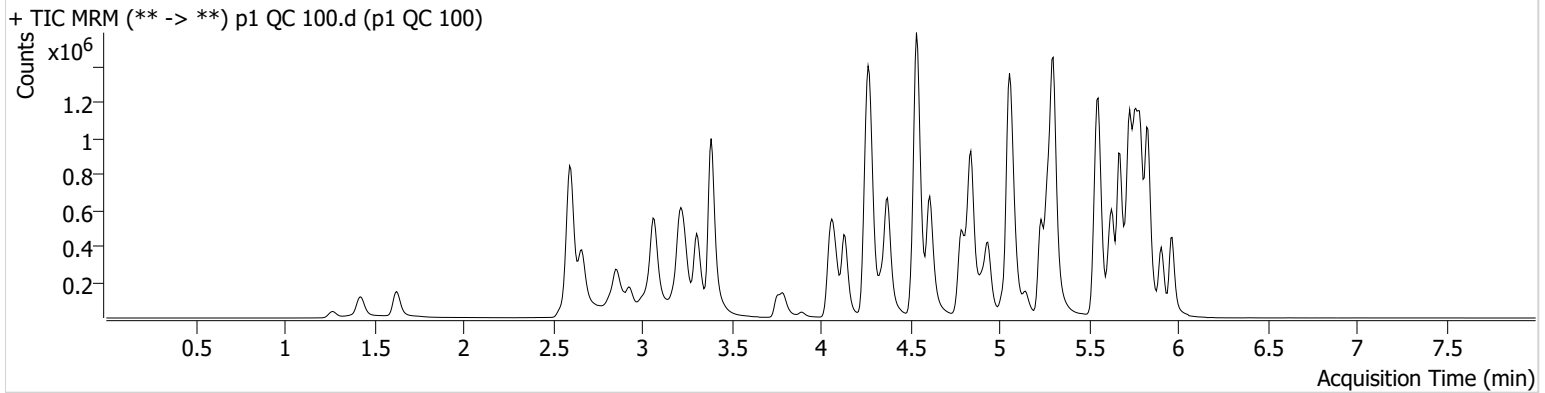
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Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-G11	Comment	
Injection Volume	2		
Acq. Date-Time	7/2/2022 2:21:13 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	16365	57260.51	73.2	35102.60	40687	9.9810 ng/ml
7-aminoclonazepam	4.263	290960	10102.81	72.0	3350.15	115302	106.6723 ng/ml
a-hydroxyalprazolam	5.706	132148	1041.91	68.4	308.59	188850	95.8690 ng/ml
alpha-PHP	4.936	244685	26298.98	258.6	2430.97	332579	105.2039 ng/ml
alpha-PVP	4.375	887908	1218.16	50.9	21848.86	332579	99.5202 ng/ml
Alprazolam	5.782	556894	∞	107.3	1605.53	188850	101.2394 ng/ml
Amphetamine	3.071	1131157	706.17	45.5	328.96	126775	112.3636 ng/ml
Benzoylecgonine	3.890	28379	9237.93	8.7	734.39	8420	101.5583 ng/ml
Buprenorphine	5.690	16700	300.32	14.3	3094.59	59502	10.7659 ng/ml
Bupropion	4.787	669873	544.46	68.3	391.50	240261	100.4273 ng/ml
Carisoprodol	5.737	561566	50886.29	62.6	4345.28	252463	96.6296 ng/ml
Citalopram	5.232	632735	1415.45	34.7	953.55	282419	98.8532 ng/ml
Clonazepam	5.619	581489	924.97	34.0	28021.59	80772	104.8588 ng/ml
Clonazepam	5.563	396425	22381.87	35.8	195981.90	80772	104.3512 ng/ml
Cocaine	4.276	649703	50283.57	57.6	421.36	530671	100.2819 ng/ml
Codeine	2.600	80837	101.43	106.8	21935.82	40163	109.7039 ng/ml
Cyclobenzaprine	5.635	471371	669.87	8.1	115.09	183532	99.3477 ng/ml
Dextromethorphan	5.281	323141	530.24	84.6	43369.65	136916	98.2450 ng/ml
Dextrophan	4.137	270192	869.56	200.4	2051437.21	275569	99.7923 ng/ml
Diazepam	5.967	411553	28301.77	89.9	11969.47	178708	107.7296 ng/ml
Dihydrocodeine	2.573	219423	98.73	65.7	541.85	127087	111.5655 ng/ml
Diphenhydramine	5.302	1666350	59651.73	31.4	30994.59	934086	106.9962 ng/ml
Doxylamine	4.535	2000706	10088.93	98.7	16117.73	874923	100.6943 ng/ml
EDDP	5.267	566720	60630.57	40.9	224.92	310329	96.1958 ng/ml
Etizolam	5.827	272055	3431.47	27.0	126857.52	80772	96.5614 ng/ml
Fentanyl	5.095	50890	352.48	66.6	105681.38	271150	9.3843 ng/ml
Flualprazolam	5.712	212524	2250.71	104.4	118190.47	188850	106.4541 ng/ml
Fluoxetine	5.728	649264	46241.89	7.9	103.14	238119	99.6103 ng/ml
Hydrocodone	3.034	304677	126.81	36.9	1176.77	184066	100.1524 ng/ml
Hydromorphone	1.628	252427	4953.82	77.6	390807.56	78215	97.7097 ng/ml
Ketamine	4.056	709732	34120.65	34.6	848.80	295457	106.2388 ng/ml
Lamotrigine	4.285	55397	305.56	93.1	33855.94	295457	96.7573 ng/ml
Levetiracetam	2.664	330971	1279.62	160.3	4218.03	760970	106.9764 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	386239	1116.87	51.7	1835.97	80772	94.7687 ng/ml
MDA	3.212	960738	1318.60	29.7	2828.45	222579	110.2545 ng/ml
MDMA	3.306	645538	3447.60	88.0	2860.16	65663	100.7069 ng/ml
Meprobamate	4.910	328075	58141.04	28.8	184.79	183964	105.6315 ng/ml
Methadone	5.673	908802	912.84	60.4	762.43	375513	99.7941 ng/ml
Methamphetamine	3.240	543429	481.79	39.0	521.87	241067	107.7381 ng/ml
Metoprolol	4.338	191987	489820.07	95.4	29484.37	806800	108.1768 ng/ml
Mirtazapine	4.609	1066225	2195.79	53.7	2065.49	332579	104.9905 ng/ml
Mitragynine	5.222	196756	392984.67	35.0	859.20	375513	110.7810 ng/ml
Morphine	1.274	35525	88.62	25.0	322.09	4984	106.7950 ng/ml
Norbuprenorphine	5.005	2262	2864.61	80.0	58.43	9227	10.3115 ng/ml
Nordiazepam	5.907	409299	16859.91	55.8	980.05	136719	103.4608 ng/ml
Norfentanyl	4.097	158683	567.69	36.6	1370.73	654746	9.6679 ng/ml
Norhydrocodone	3.082	44251	83.82	37.9	220.55	40560	88.9783 ng/ml
Noroxycodone	2.932	303217	308.95	47.8	13346.29	91477	98.9602 ng/ml
O-desmethyl-tramadol	3.386	1723433	3423.86	6.0	1390.30	882103	97.3493 ng/ml
Oxazepam	5.763	574417	254.61	73.1	4077.46	317351	106.9258 ng/ml
Oxycodone	2.850	594671	849.13	29.8	1502.23	216736	105.9493 ng/ml
Oxymorphone	1.425	239276	∞	49.5	∞	74014	104.4241 ng/ml
Phentermine	3.794	280627	284.42	5.5	70.87	350152	106.8329 ng/ml
Promethazine	5.552	1128041	1208.91	31.5	1030.91	477157	101.2954 ng/ml
Pseudoephedrine	2.604	1543815	35124.23	17.3	20066.94	760970	98.6447 ng/ml
Quetiapine	5.528	723759	608.42	57.6	1174078.29	104338	97.5666 ng/ml
Sertraline	5.796	287731	6978.45	95.1	150047.18	119856	103.9629 ng/ml
Temazepam	5.831	1047157	24529.79	27.4	1669.49	494518	102.9411 ng/ml
Tramadol	4.257	1709541	164911.28	3.4	1055.12	806800	101.1359 ng/ml
Trazodone	5.059	704477	105124.43	81.1	129351.43	305727	106.4402 ng/ml
Venlafaxine	5.050	1379563	124827.82	32.3	760.98	707910	101.4917 ng/ml
Zolpidem	4.839	1511425	56127.70	30.6	2968.07	700518	104.9139 ng/ml

SC

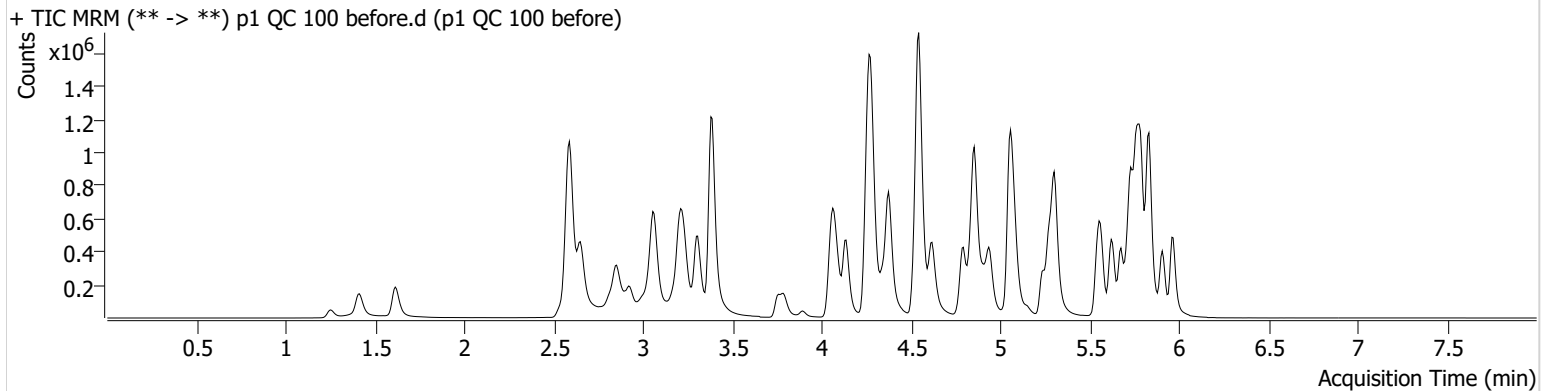


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 QC 100 before.d
Type	QC	Sample	p1 QC 100 before
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-G11	Comment	Bracket QC for reinjected case sample
Injection Volume	2		
Acq. Date-Time	7/2/2022 10:14:51 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	18984	542.14	74.4	190.77	47984	9.8164 ng/ml
7-aminoclonazepam	4.263	337454	6392.92	72.3	3940.21	131587	108.4245 ng/ml
a-hydroxyalprazolam	5.706	149413	698.77	68.5	6466.33	215962	94.7769 ng/ml
alpha-PHP	4.943	233968	27422.86	261.5	3679.07	380939	87.8878 ng/ml
alpha-PVP	4.375	999038	887.49	51.1	13462.25	380939	97.7636 ng/ml
Alprazolam	5.782	667282	2648.92	106.6	1812.95	215962	106.0684 ng/ml
Amphetamine	3.065	1244131	11125.96	44.5	1028.22	136555	114.7833 ng/ml
Benzoylcegonine	3.890	39888	326.24	8.2	4680.72	10379	115.8300 ng/ml
Buprenorphine	5.704	7571	288.67	16.4	1323.55	31000	9.3722 ng/ml
Bupropion	4.794	593849	26979.02	69.5	9214.49	214735	99.6110 ng/ml
Carisoprodol	5.737	635259	50872.90	63.0	423.84	294975	93.5898 ng/ml
Citalopram	5.239	340723	19702.82	34.0	79951.54	151518	99.2194 ng/ml
Clonazepam	5.619	654167	3476.09	34.1	346.40	89707	106.2263 ng/ml
Clonazepam	5.563	459776	766831.26	36.7	135224.84	89707	108.9879 ng/ml
Cocaine	4.276	745215	2238391.29	57.5	39870.84	613900	99.4280 ng/ml
Codeine	2.594	96913	3966.82	103.3	151.48	47131	112.1007 ng/ml
Cyclobenzaprine	5.642	109440	232993.71	7.6	5332.92	43381	97.5766 ng/ml
Dextromethorphan	5.281	144465	2891.99	85.2	81383.75	58080	103.5382 ng/ml
Dextrophan	4.137	270355	607.97	199.8	377774.16	277058	99.3165 ng/ml
Diazepam	5.967	452231	3962.41	90.0	10926.91	196090	107.8849 ng/ml
Dihydrocodeine	2.566	250663	222.15	69.5	375.25	154773	104.6032 ng/ml
Diphenhydramine	5.302	963299	36040.23	30.6	12916.40	547289	105.5707 ng/ml
Doxylamine	4.542	2201135	176160.35	97.6	124758.72	946940	102.3553 ng/ml
EDDP	5.274	480404	12170.65	41.5	63650.97	263985	95.8598 ng/ml
Etizolam	5.827	324564	2691.28	26.8	177634.98	89707	103.6920 ng/ml
Fentanyl	5.095	16038	376.18	66.4	∞	86304	9.2930 ng/ml
Flualprazolam	5.712	240536	12855.16	104.4	8260.64	215962	105.3520 ng/ml
Fluoxetine	5.728	119633	298.29	7.6	122.90	44631	97.9274 ng/ml
Hydrocodone	3.034	342353	251.91	38.2	198.20	211433	97.9555 ng/ml
Hydromorphone	1.615	294123	1038323.27	77.8	1442993.06	91305	97.5284 ng/ml
Ketamine	4.056	835048	3283.92	34.5	336.83	349834	105.5649 ng/ml
Lamotrigine	4.292	61830	556.23	88.7	15323.55	349834	91.1861 ng/ml
Levetiracetam	2.651	398781	5525.33	161.7	7728.61	931519	105.2885 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	400809	25536.67	53.0	934.93	89707	88.3413 ng/ml
MDA	3.205	981665	2054.65	29.6	1813.60	217094	115.5435 ng/ml
MDMA	3.306	686305	653348.18	84.9	4869.20	67151	104.6973 ng/ml
Meprobamate	4.910	361432	61713.46	28.7	5066.81	204865	104.4862 ng/ml
Methadone	5.673	390727	2320.25	62.1	343.05	168503	95.6412 ng/ml
Methamphetamine	3.233	590853	4092.70	38.8	2849.45	270238	104.3906 ng/ml
Metoprolol	4.338	215197	415151.70	96.4	20624.91	936706	104.4106 ng/ml
Mirtazapine	4.616	645631	18307.69	54.6	1624.65	380939	56.5387 ng/ml
Mitragynine	5.229	68686	47194.60	34.9	46391.74	168503	86.2580 ng/ml
Morphine	1.253	40417	1119.00	29.0	295.78	5862	103.2982 ng/ml
Norbuprenorphine	5.012	1095	838.64	101.4	71.59	4657	9.8759 ng/ml
Nordiazepam	5.907	434249	14837.58	54.7	892.00	144456	103.8906 ng/ml
Norfentanyl	4.097	187298	553.49	35.9	488.38	769593	9.7083 ng/ml
Norhydrocodone	3.082	45136	163.77	38.7	100.92	41679	88.3412 ng/ml
Noroxycodone	2.925	332064	3701.70	48.5	938.75	97318	101.8747 ng/ml
O-desmethyl-tramadol	3.386	2109405	42802.92	5.9	2622.35	1056895	99.4428 ng/ml
Oxazepam	5.763	597322	7037.95	74.2	11771.98	338676	104.1741 ng/ml
Oxycodone	2.843	700937	4155.34	29.8	5584.16	250122	108.2241 ng/ml
Oxymorphone	1.411	283733	∞	48.9	112.68	86098	106.4594 ng/ml
Phentermine	3.794	289935	361.92	5.6	66.77	368061	104.9934 ng/ml
Promethazine	5.552	262266	1036.09	32.4	961.85	111326	100.9420 ng/ml
Pseudoephedrine	2.590	1908145	26194.06	16.9	301.00	931519	99.5984 ng/ml
Quetiapine	5.534	436334	46574.11	57.8	541919.79	61039	100.5577 ng/ml
Sertraline	5.796	51257	79.84	96.1	2903.01	21580	102.8641 ng/ml
Temazepam	5.831	1151322	13182.09	28.0	2691.23	562877	99.4055 ng/ml
Tramadol	4.257	2022610	154178.38	3.3	2043.93	936706	103.0713 ng/ml
Trazodone	5.073	374540	585735.93	78.7	505244.35	148247	116.7947 ng/ml
Venlafaxine	5.056	1503411	50383.19	32.1	637.30	769110	101.8014 ng/ml
Zolpidem	4.852	1718708	2170.66	30.2	62963.65	809609	103.2245 ng/ml

SC

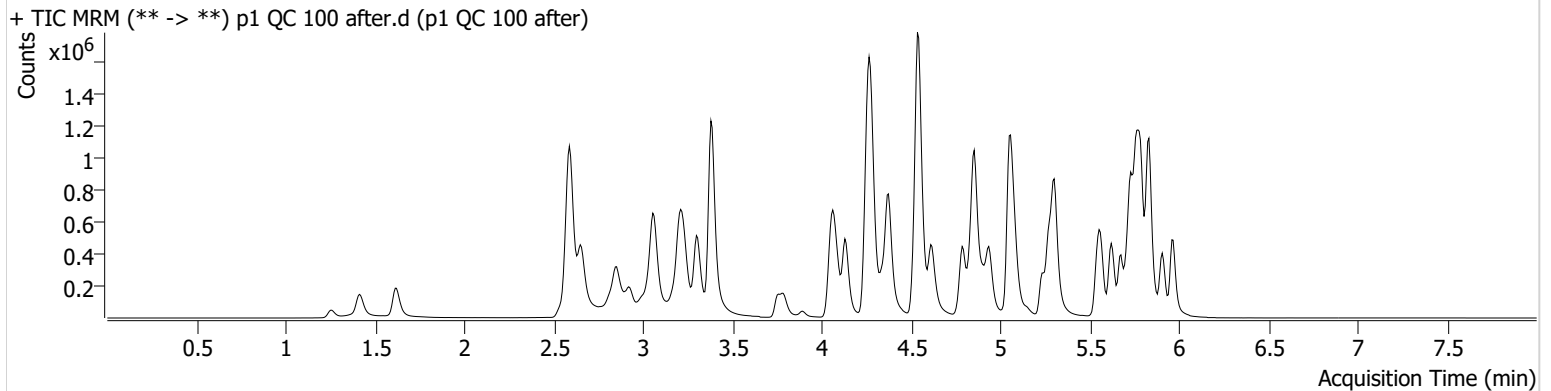


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 QC 100 after.d
Type	QC	Sample	p1 QC 100 after
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-G11	Comment	Bracket QC for reinjected case sample
Injection Volume	2		
Acq. Date-Time	7/2/2022 10:57:27 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	19221	56.05	70.9	19092.08	48356	9.8626 ng/ml
7-aminoclonazepam	4.263	337061	7332.09	71.6	5011.99	131328	108.5131 ng/ml
a-hydroxyalprazolam	5.706	152543	992.69	67.9	605.62	216090	96.7223 ng/ml
alpha-PHP	4.936	247354	24231.19	259.7	831.32	381974	92.6439 ng/ml
alpha-PVP	4.375	1026986	1268.61	50.6	11319.75	381974	100.2222 ng/ml
Alprazolam	5.782	652612	∞	109.5	624.67	216090	103.6797 ng/ml
Amphetamine	3.058	1269334	1034.38	44.3	387.58	139634	114.5213 ng/ml
Benzoylcegonine	3.890	39265	3111.32	8.1	145.08	10726	110.3216 ng/ml
Buprenorphine	5.704	7175	223.16	14.6	1585.18	29075	9.4690 ng/ml
Bupropion	4.787	619689	68743.57	68.6	6474.88	221970	100.5595 ng/ml
Carisoprodol	5.737	651093	1665263.23	62.5	3911.52	300745	94.0767 ng/ml
Citalopram	5.232	335703	10905.70	34.8	242466.44	150983	98.1061 ng/ml
Clonazepam	5.619	646019	40773.05	35.3	15890.79	87605	107.4292 ng/ml
Clonazepam	5.563	468915	15120.89	36.2	257880.99	87605	113.8362 ng/ml
Cocaine	4.276	772639	613.35	56.2	1002.23	625096	101.2446 ng/ml
Codeine	2.594	96117	351.37	103.9	5546.43	48371	108.2944 ng/ml
Cyclobenzaprine	5.635	83303	159.79	7.9	760.60	33163	97.1573 ng/ml
Dextromethorphan	5.281	133603	3370.02	83.6	270.86	54703	101.6646 ng/ml
Dextrophan	4.130	280140	54573.14	198.4	22225.24	282419	100.9555 ng/ml
Diazepam	5.967	450629	3838.16	89.4	482.24	196361	107.3526 ng/ml
Dihydrocodeine	2.566	254726	321.92	69.2	531.16	154581	106.4446 ng/ml
Diphenhydramine	5.302	946303	716.84	31.1	12892.05	543497	104.4337 ng/ml
Doxylamine	4.542	2226130	113432.79	98.9	69499.47	975609	100.4771 ng/ml
EDDP	5.274	501315	58137.30	41.3	12619.32	280224	94.2350 ng/ml
Etizolam	5.827	319896	4119.75	26.8	168525.33	87605	104.6484 ng/ml
Fentanyl	5.095	13776	383.53	67.9	47927.15	74787	9.2125 ng/ml
Flualprazolam	5.712	240840	14215.44	107.4	8780.35	216090	105.4235 ng/ml
Fluoxetine	5.728	82220	47187.91	7.7	62.22	30967	97.0000 ng/ml
Hydrocodone	3.027	346358	262.27	37.8	107.16	212654	98.5362 ng/ml
Hydromorphone	1.621	295854	8041.21	77.8	4167.02	91914	97.4518 ng/ml
Ketamine	4.056	832415	17008.35	34.5	803.08	350402	105.0594 ng/ml
Lamotrigine	4.285	61317	1736.14	91.0	7349.41	350402	90.2794 ng/ml
Levetiracetam	2.658	393158	2357.31	163.6	5612.51	933131	103.6176 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	400400	6499.87	54.3	1257.83	87605	90.4406 ng/ml
MDA	3.205	998447	1918.20	29.9	1407.32	222568	114.6217 ng/ml
MDMA	3.306	684548	8756.63	89.5	19654.05	70368	99.6515 ng/ml
Meprobamate	4.910	363499	22338.04	28.6	7468.46	206495	104.2515 ng/ml
Methadone	5.673	367810	34087.98	61.7	2150.36	156303	97.0496 ng/ml
Methamphetamine	3.233	607068	1260.05	39.1	1573.78	278672	103.9968 ng/ml
Metoprolol	4.338	221138	663.38	96.1	26522.75	945700	106.2870 ng/ml
Mirtazapine	4.616	631867	201121.25	54.2	2017.45	381974	55.2360 ng/ml
Mitragynine	5.222	61667	60107.51	35.0	141.25	156303	83.4997 ng/ml
Morphine	1.261	41851	418.55	28.8	476.14	5719	109.6668 ng/ml
Norbuprenorphine	5.012	1075	408.91	89.6	951.20	4829	9.3307 ng/ml
Nordiazepam	5.907	432653	1525.13	54.6	5771.09	144564	103.4292 ng/ml
Norfentanyl	4.097	189827	8479.28	36.0	2848.31	776792	9.7481 ng/ml
Norhydrocodone	3.082	47077	1224.48	38.3	83.70	42261	90.7965 ng/ml
Noroxycodone	2.925	314359	243.66	51.9	926.41	100403	93.4687 ng/ml
O-desmethyl-tramadol	3.386	2104655	638.80	5.9	269.09	1059274	98.9966 ng/ml
Oxazepam	5.763	602874	13621.43	73.6	3577.85	344071	103.4903 ng/ml
Oxycodone	2.843	689634	2877.99	30.7	1025.24	252564	105.4357 ng/ml
Oxymorphone	1.411	280189	∞	47.9	1128.02	86330	104.8369 ng/ml
Phentermine	3.787	301213	1082.20	5.4	550.50	383296	104.7404 ng/ml
Promethazine	5.552	196010	1824.40	31.3	633.51	86149	97.4871 ng/ml
Pseudoephedrine	2.597	1887772	1538.85	17.1	80241.08	933131	98.3685 ng/ml
Quetiapine	5.534	420025	18858.58	59.7	255867.51	61581	95.9287 ng/ml
Sertraline	5.796	33493	772.34	94.2	594.06	14198	102.1634 ng/ml
Temazepam	5.831	1170901	80321.96	27.2	4345.69	562523	101.1752 ng/ml
Tramadol	4.257	2029212	1646.93	3.4	1721.62	945700	102.4213 ng/ml
Trazodone	5.073	346594	45940.10	79.2	291283.01	137854	116.2239 ng/ml
Venlafaxine	5.050	1562226	314857.54	32.0	451.36	787170	103.3541 ng/ml
Zolpidem	4.852	1724108	1098795.30	30.4	146106.77	805813	104.0377 ng/ml

SC

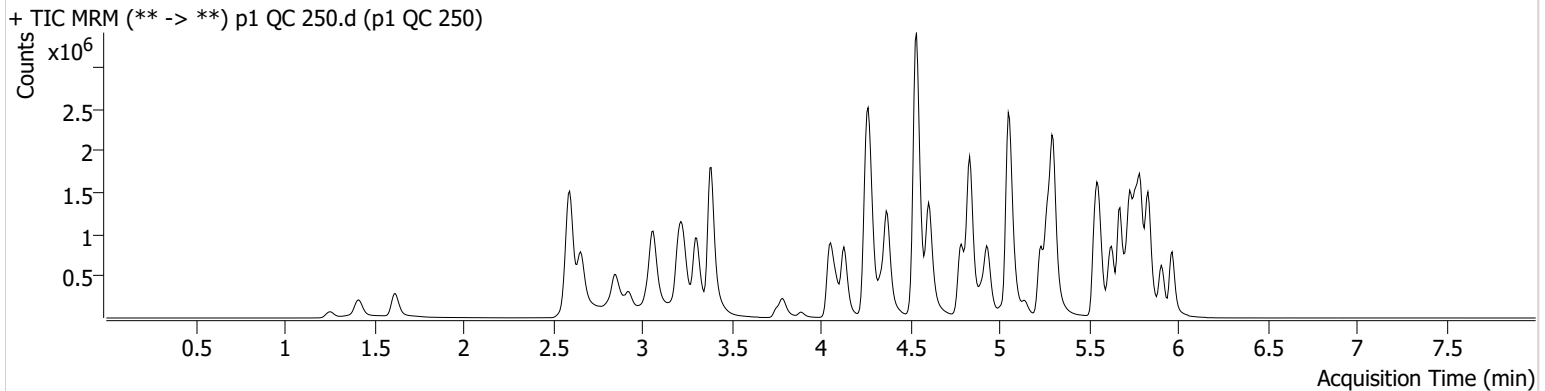


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-F11	Comment	
Injection Volume	2		
Acq. Date-Time	7/1/2022 9:02:51 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	38607	913.74	71.7	609.94	38738	24.8090 ng/ml
7-aminoclonazepam	4.263	555950	7648.57	71.2	2762.75	95630	247.1491 ng/ml
*a-hydroxyalprazolam	5.699	219599	504.05	67.3	484.97	150670	200.5842 ng/ml
alpha-PHP	4.936	511272	33190.88	260.9	150270.81	286356	254.7695 ng/ml
alpha-PVP	4.375	1899744	73487.60	50.8	793.42	286356	247.0745 ng/ml
Alprazolam	5.782	1155521	1067.04	107.3	1513.73	150670	262.9768 ng/ml
Amphetamine	3.065	2212218	515.56	46.1	597.63	106845	263.7678 ng/ml
Benzoylcegonine	3.890	68848	13108.53	8.5	13474.02	8386	247.6476 ng/ml
Buprenorphine	5.683	25751	783.73	15.6	3129.74	39072	25.2435 ng/ml
Bupropion	4.787	1278014	126905.18	68.5	1178.20	186424	247.2762 ng/ml
Carisoprodol	5.737	1024521	37984.58	62.7	3598.71	185104	238.8645 ng/ml
Citalopram	5.232	1169648	14271.94	33.9	487.48	198964	259.0790 ng/ml
Clonazepam	5.619	1086620	260.05	35.2	16101.25	63275	251.3215 ng/ml
Clonazepam	5.563	780539	29292.17	36.1	30999.69	63275	262.8053 ng/ml
Cocaine	4.276	1399000	3269.06	57.7	641.76	465790	246.3352 ng/ml
Codeine	2.594	167216	2879.73	105.5	179968.50	36053	254.1720 ng/ml
Cyclobenzaprine	5.635	549869	81348.24	7.8	1775.88	84427	252.5517 ng/ml
Dextromethorphan	5.275	511455	10631.36	83.8	324.65	84353	252.3526 ng/ml
Dextrophan	4.130	600935	941.97	198.9	19685.86	240189	254.4454 ng/ml
Diazepam	5.967	842334	30356.59	89.5	∞	149119	264.7443 ng/ml
Dihydrocodeine	2.566	484630	553.28	68.3	12626.32	118684	264.8988 ng/ml
Diphenhydramine	5.302	2944962	6705.22	31.4	1158.22	666003	264.9346 ng/ml
Doxylamine	4.535	4648625	36282.81	98.6	140073.31	799317	255.9723 ng/ml
EDDP	5.267	1333768	29277.48	41.7	20417.15	284867	246.6629 ng/ml
Etizolam	5.827	569900	8527.20	26.8	15802.47	63275	257.4794 ng/ml
Fentanyl	5.088	69819	2561.04	68.4	292.00	139091	24.9191 ng/ml
Flualprazolam	5.712	424145	11149.37	105.2	18582.19	150670	267.3307 ng/ml
Fluoxetine	5.728	574737	26806.52	8.0	484.72	85346	245.8643 ng/ml
Hydrocodone	3.027	662412	699.68	37.7	103.48	166365	241.9186 ng/ml
Hydromorphone	1.621	566030	2407884.36	78.0	1716327.10	68961	247.9975 ng/ml
Ketamine	4.049	1535905	5265.54	34.3	563.30	264605	257.4112 ng/ml
Lamotrigine	4.285	116824	2967.88	89.5	2822.95	264605	228.3344 ng/ml
Levetiracetam	2.658	726112	685.07	163.0	725.75	674095	265.5696 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.754	500708	1153.22	52.2	1965.17	63275	158.8943 ng/ml
MDA	3.205	1900431	1709.49	28.6	2400.56	178749	272.8407 ng/ml
MDMA	3.306	1393116	3471.13	90.1	1854.08	55279	258.2485 ng/ml
Meprobamate	4.910	637971	45665.02	27.9	23774.24	160523	236.8561 ng/ml
Methadone	5.673	1502869	952.17	60.8	55652.94	248922	248.0109 ng/ml
Methamphetamine	3.233	1249942	1443.07	38.9	8267.94	227278	267.8654 ng/ml
Metoprolol	4.338	409824	531036.27	97.7	15829.11	680725	274.9225 ng/ml
Mirtazapine	4.603	2128463	2083.48	53.9	43211.62	286356	240.5257 ng/ml
Mitragynine	5.216	313180	125001.43	35.4	119854.76	248922	265.5315 ng/ml
Morphine	1.253	86785	117.48	25.4	1106.52	4667	279.1683 ng/ml
Norbuprenorphine	5.005	3744	69.97	90.8	2779.14	6205	25.9206 ng/ml
Nordiazepam	5.907	789064	1849.72	54.6	429.76	106048	257.7261 ng/ml
Norfentanyl	4.097	375629	143562.40	35.8	2701.92	605260	24.7215 ng/ml
Norhydrocodone	3.082	95246	609.46	38.0	152.32	31504	241.8335 ng/ml
Noroxycodone	2.925	598229	1301.46	48.8	21844.66	71749	249.1239 ng/ml
O-desmethyl-tramadol	3.386	4028247	307930.61	5.9	24496.48	796326	251.8338 ng/ml
Oxazepam	5.763	826163	13540.76	72.8	6644.54	189443	258.4001 ng/ml
Oxycodone	2.843	1287356	2262.07	30.2	1644.69	195428	255.1255 ng/ml
Oxymorphone	1.411	517898	∞	46.5	∞	68352	245.6678 ng/ml
Phentermine	3.787	595856	4037.00	5.3	149.56	314317	253.6660 ng/ml
Promethazine	5.552	1309414	42393.06	31.5	575.29	219425	255.7481 ng/ml
Pseudoephedrine	2.597	3422898	77191.98	17.1	84263.32	674095	246.4412 ng/ml
Quetiapine	5.528	1454505	1143.52	58.6	1326173.09	85380	240.1993 ng/ml
Sertraline	5.796	264673	1932.63	92.2	477537.31	43546	262.8233 ng/ml
Temazepam	5.831	1818946	21841.28	26.6	242.51	356514	249.2838 ng/ml
Tramadol	4.257	3721016	155701.55	3.4	613.22	680725	261.6279 ng/ml
Trazodone	5.053	1196050	96232.17	79.2	451.60	217750	255.0339 ng/ml
Venlafaxine	5.050	3091118	90892.25	31.9	62692.17	619732	259.4721 ng/ml
Zolpidem	4.832	3510326	12323.39	29.5	66362.52	649451	263.0488 ng/ml

*OCR

SC

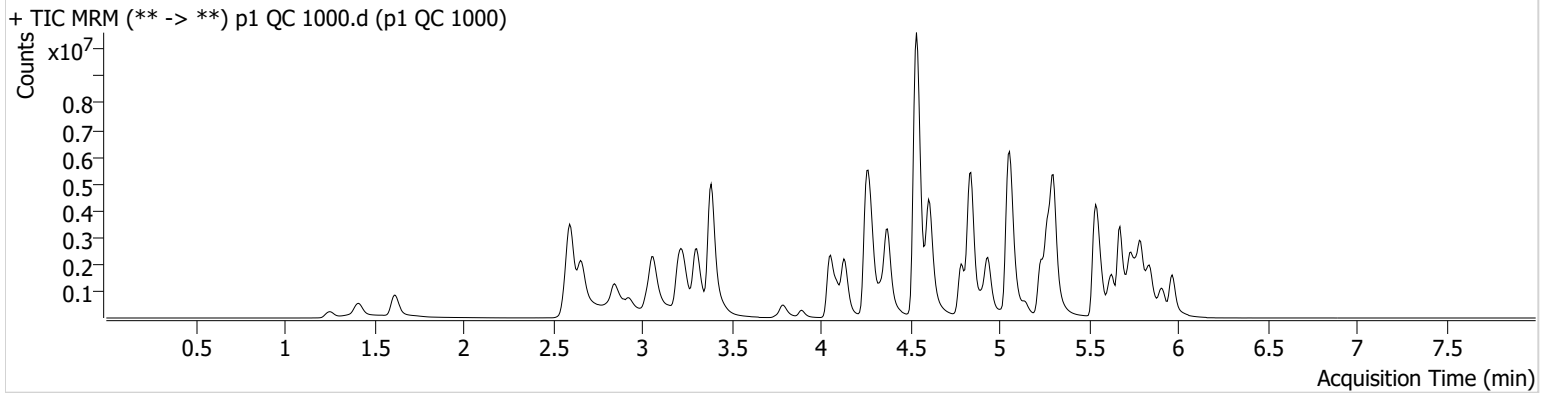


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-E11	Comment	
Injection Volume	2		
Acq. Date-Time	7/1/2022 9:24:05 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	145148	2241.55	67.9	1107.05	35014	103.3631 ng/ml
* 7-aminoclonazepam	4.256	883475	11755.95	78.1	2243.95	63366	594.2316 ng/ml
* a-hydroxyalprazolam	5.699	334336	309.72	67.9	391.72	92299	499.7572 ng/ml
alpha-PHP	4.936	1468662	7155.12	263.6	240966.43	199115	1051.3119 ng/ml
alpha-PVP	4.375	5539580	175318.93	50.7	103684.01	199115	1035.6364 ng/ml
Alprazolam	5.789	2778638	407.87	103.3	2828.74	92299	1031.7143 ng/ml
* Amphetamine	3.065	5004154	298.81	46.0	233.91	76577	837.4343 ng/ml
Benzoylcegonine	3.890	318065	565.59	8.2	8106.30	8820	1088.4332 ng/ml
Buprenorphine	5.683	60799	26425.86	14.3	13603.12	21876	106.3598 ng/ml
Bupropion	4.787	3001718	250392.53	68.3	55015.90	113783	952.2467 ng/ml
Carisoprodol	5.737	1956513	83426.58	63.2	5049.03	82920	1014.8254 ng/ml
Citalopram	5.232	3233249	2187.86	34.1	560190.62	136798	1041.0547 ng/ml
Clonazepam	5.619	2206694	1009.12	34.2	1738.59	36980	875.4160 ng/ml
Clonazepam	5.563	1622499	43361.99	37.8	204056.14	36980	935.6291 ng/ml
Cocaine	4.276	3958083	704.96	57.7	788.89	324609	1000.7298 ng/ml
Codeine	2.594	444721	10367.05	99.1	1690.13	28516	857.1471 ng/ml
Cyclobenzaprine	5.635	1072577	749.29	7.9	151.36	40383	1031.1623 ng/ml
Dextromethorphan	5.281	1077465	43743.81	83.4	62579.36	45562	984.1630 ng/ml
Dextrophan	4.130	1815901	307403.99	199.3	3835.61	174267	1059.3356 ng/ml
Diazepam	5.967	2118113	6939.35	89.3	15301.93	99844	995.2191 ng/ml
Dihydrocodeine	2.566	1438011	21167.51	70.7	12558.91	115127	811.8813 ng/ml
Diphenhydramine	5.302	8353798	705077.55	31.1	27181.24	454056	1101.7327 ng/ml
Doxylamine	4.535	15999816	27156.46	97.3	7253.28	706985	995.8495 ng/ml
EDDP	5.267	4860745	∞	41.0	∞	254013	1008.1847 ng/ml
Etizolam	5.827	1528905	12703.40	26.7	9084.14	36980	1180.3555 ng/ml
Fentanyl	5.088	182411	716.11	66.9	462.12	78115	115.5318 ng/ml
Flualprazolam	5.712	897373	17107.36	111.6	69136.19	92299	924.9957 ng/ml
Fluoxetine	5.728	535994	32735.51	7.9	168.96	18627	1050.2513 ng/ml
Hydrocodone	3.027	2104161	462.14	37.7	483.97	140988	908.7352 ng/ml
Hydromorphone	1.615	1943984	4317093.43	78.9	10541930.4	59725	982.4802 ng/ml
					3		
Ketamine	4.056	4961862	194546.60	33.4	526.64	228276	965.2826 ng/ml
* Lamotrigine	4.292	260079	425.19	90.8	618899.52	228276	589.8086 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.664	1988606	4325.73	166.5	17591.32	463728	1058.5284 ng/ml
* Lorazepam	5.754	635275	27433.13	52.6	5254.28	36980	348.6408 ng/ml
MDA	3.205	4666738	2181.51	27.9	1619.03	119313	1006.0778 ng/ml
MDMA	3.306	4249906	7174.28	89.2	20869.20	44891	970.2889 ng/ml
* Meprobamate	4.910	1372955	195388.18	26.8	31582.12	118897	690.4385 ng/ml
Methadone	5.673	4438375	933.76	57.7	17855.69	174464	1043.0150 ng/ml
Methamphetamine	3.233	2909004	28695.46	38.7	2130.45	149476	956.7413 ng/ml
Metoprolol	4.338	1061752	2002340.46	99.0	132865.76	538261	902.6119 ng/ml
Mirtazapine	4.603	7177118	226168.93	52.7	255282.10	199115	1157.9524 ng/ml
Mitragynine	5.216	8011109	449.67	35.8	698.67	174464	968.2108 ng/ml
Morphine	1.253	262692	8226.29	29.8	1961.90	4082	966.7981 ng/ml
Norbuprenorphine	5.005	10216	127.04	92.5	6860.34	4372	101.4389 ng/ml
Nordiazepam	5.914	1527171	4960.82	53.8	2512.99	56008	945.5150 ng/ml
Norfentanyl	4.097	1346754	231.11	35.7	1257.47	482802	111.0372 ng/ml
* Norhydrocodone	3.082	336228	299.79	40.2	518.66	23496	1134.6682 ng/ml
Noroxycodone	2.925	1341744	2551.91	49.4	197.49	41608	963.8949 ng/ml
O-desmethyl-tramadol	3.386	13882037	141438.23	5.8	775.03	666331	1036.7535 ng/ml
Oxazepam	5.763	896703	3673.49	71.7	3124.44	57909	918.9047 ng/ml
Oxycodone	2.843	3872373	1653.28	30.4	1086.28	168190	893.0453 ng/ml
Oxymorphone	1.411	1554334	∞	51.9	∞	54939	919.2039 ng/ml
Phentermine	3.794	1489712	4651.31	5.0	1451.74	228460	874.2601 ng/ml
Promethazine	5.552	2451118	2026.85	31.2	663.78	99166	1059.4276 ng/ml
Pseudoephedrine	2.597	10248916	138348.35	16.5	54360.96	463728	1071.6219 ng/ml
Quetiapine	5.528	5146231	2717.43	60.1	699.19	81058	896.2715 ng/ml
Sertraline	5.796	216084	7781.46	94.7	6952.30	9186	1016.4549 ng/ml
Temazepam	5.837	2717866	20398.35	27.4	8518.28	142468	934.5343 ng/ml
Tramadol	4.257	10711283	767.19	3.3	1317.59	538261	953.6617 ng/ml
* Trazodone	5.059	3603615	161453.94	82.0	358343.27	232682	720.8080 ng/ml
Venlafaxine	5.050	9727975	925976.49	30.1	4785.43	461421	1096.1362 ng/ml
Zolpidem	4.839	11871941	4658.42	28.0	7233.55	600253	962.9426 ng/ml

*OCR

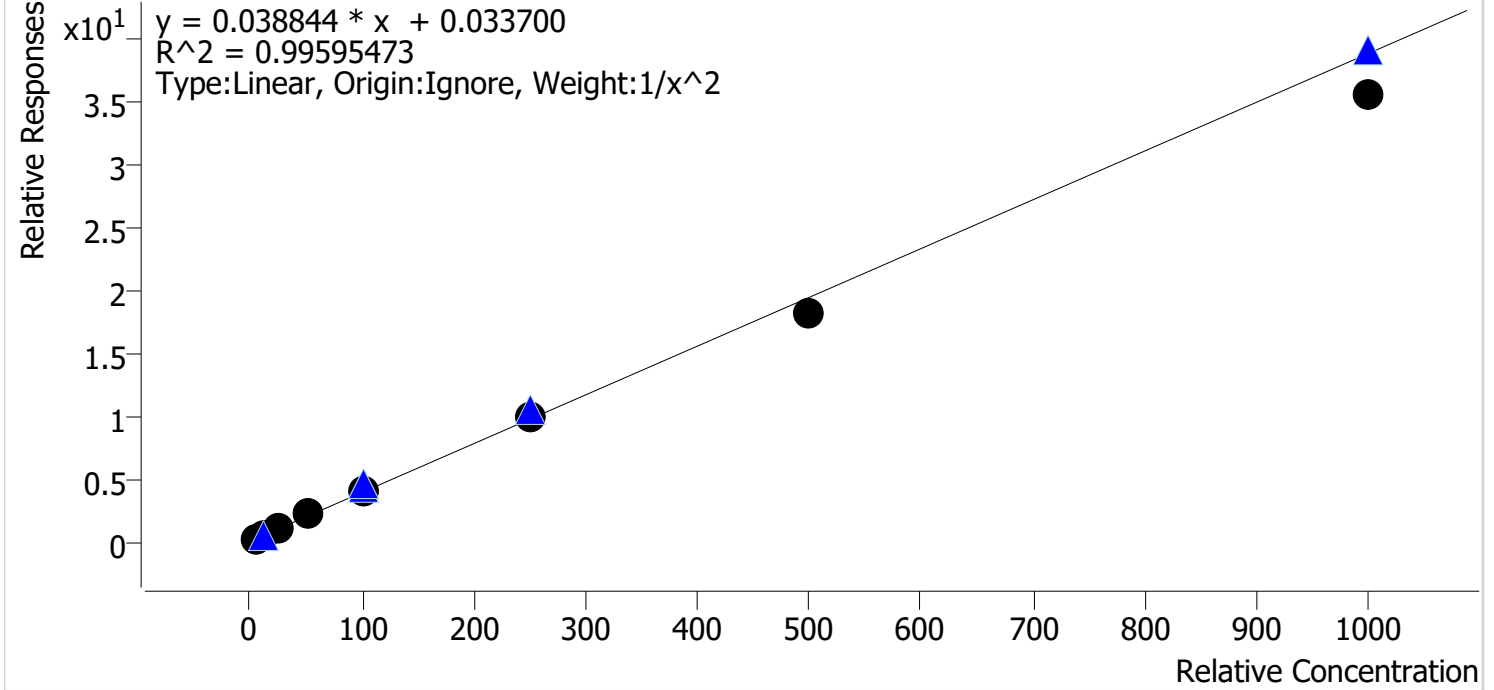
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

MDA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	465.1	93.0
p1 Cal 8-1000ng	8	✓	1000.0	917.1	91.7

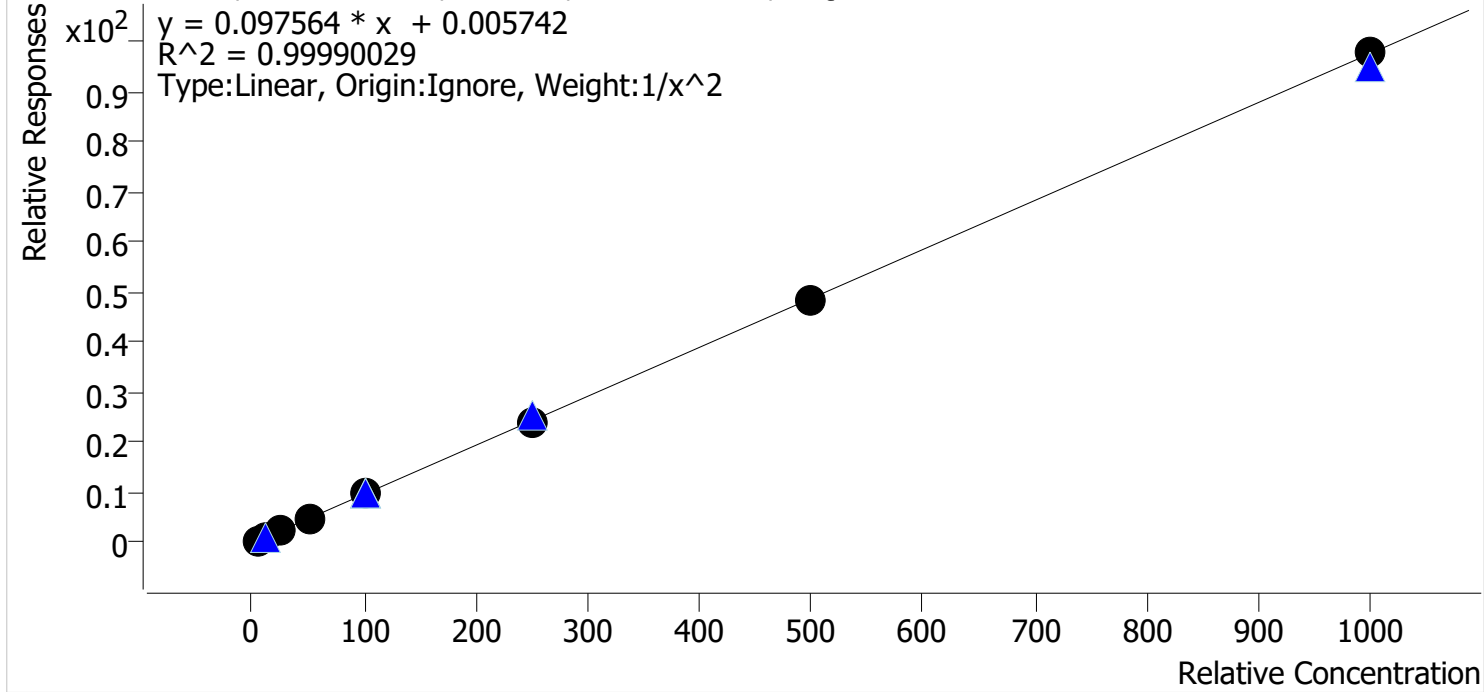
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

MDMA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	492.9	98.6
p1 Cal 8-1000ng	8	✓	1000.0	1002.0	100.2

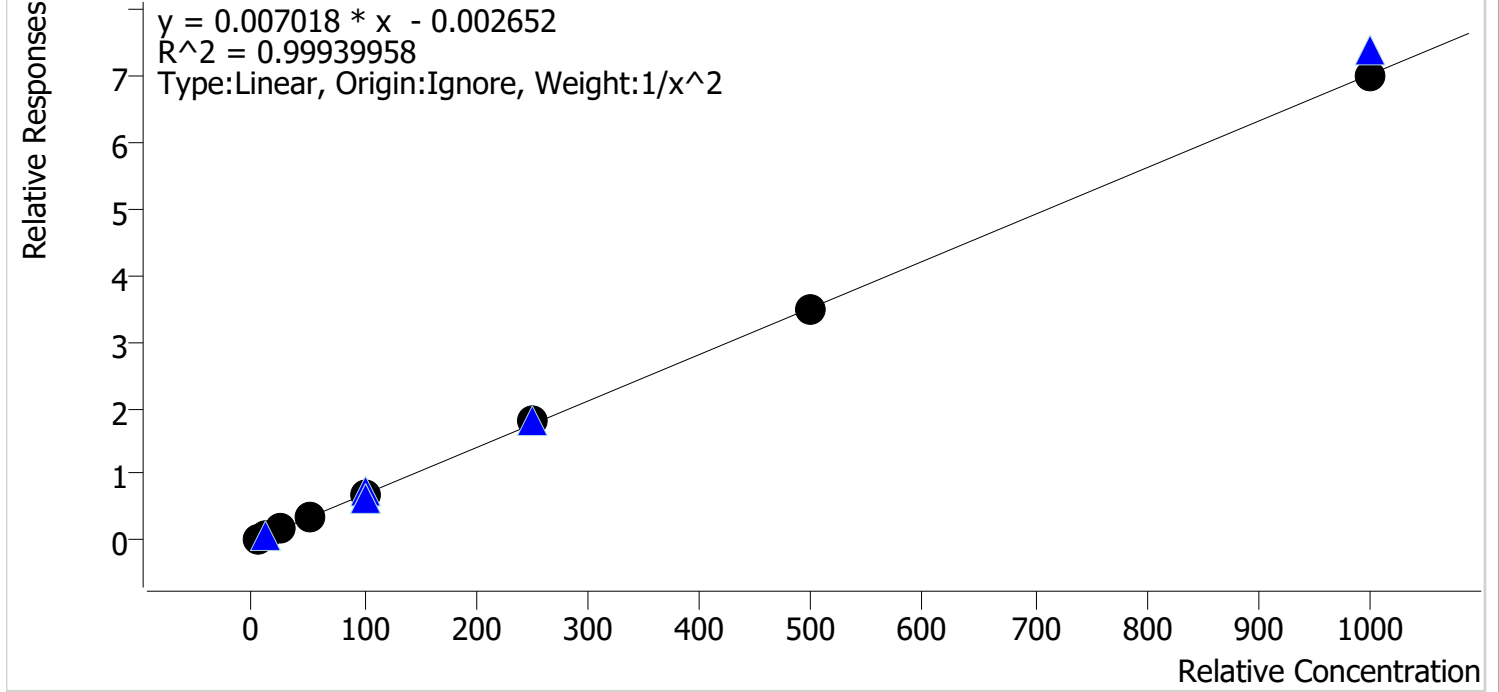
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



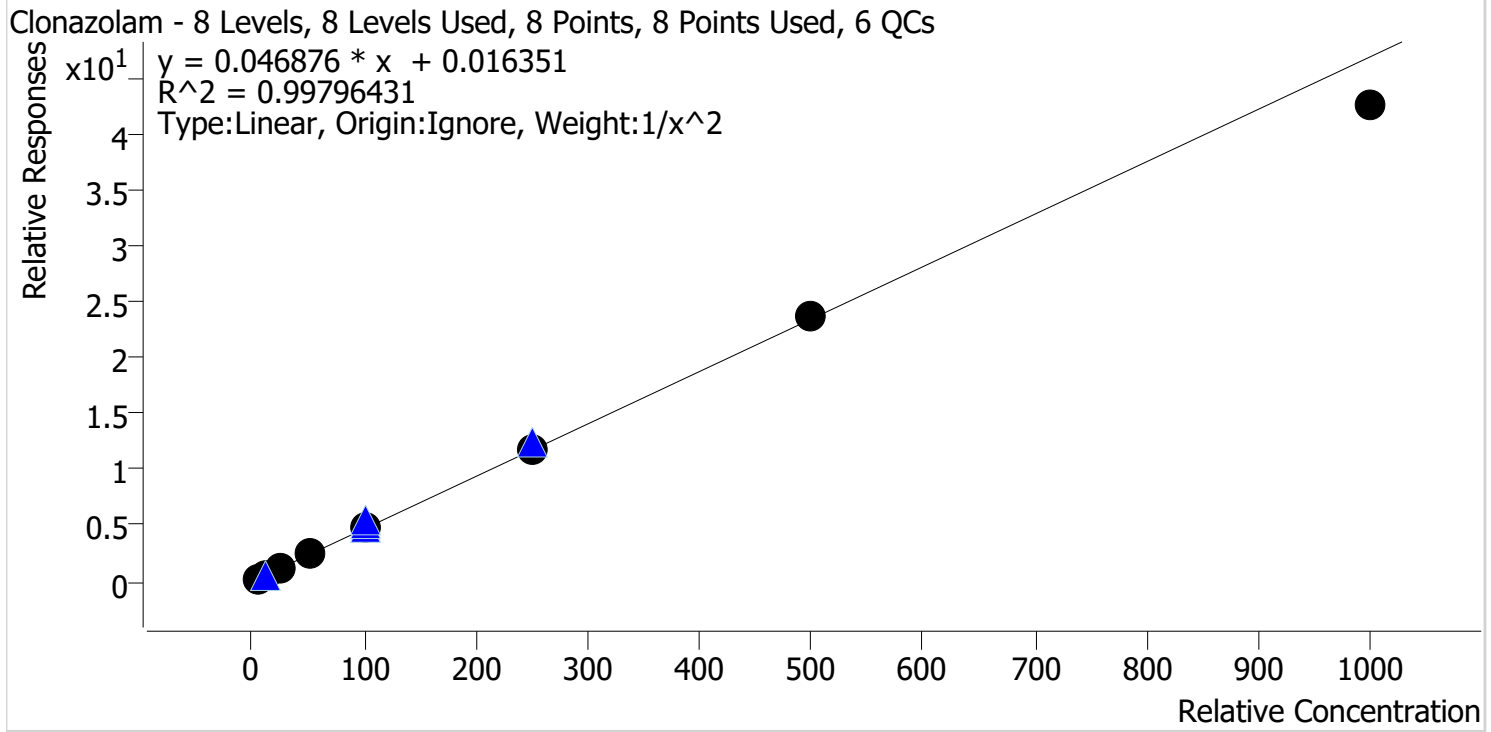
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	256.8	102.7
p1 Cal 7-500ng	7	✓	500.0	497.5	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1000.8	100.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	51.3	102.5
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	253.1	101.3
p1 Cal 7-500ng	7	✓	500.0	505.3	101.1
p1 Cal 8-1000ng	8	✓	1000.0	909.3	90.9

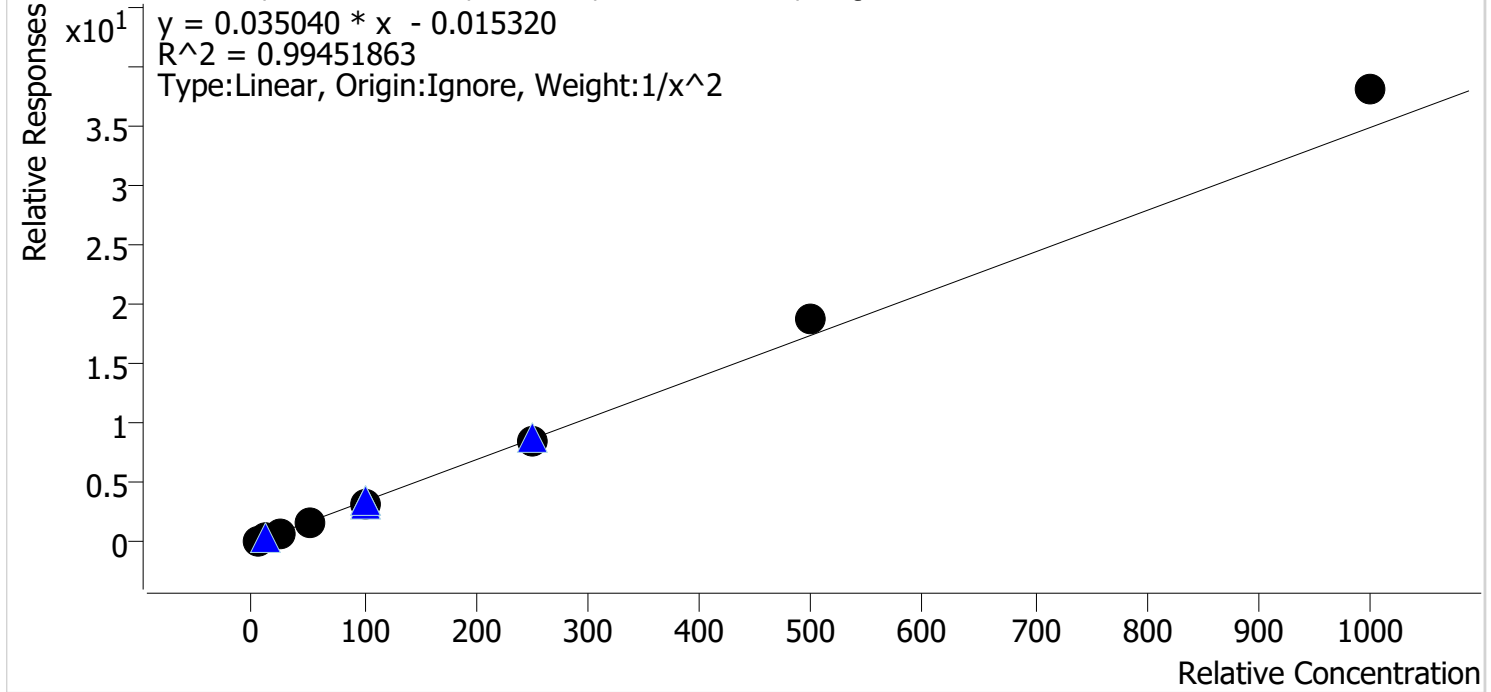
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

Etizolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



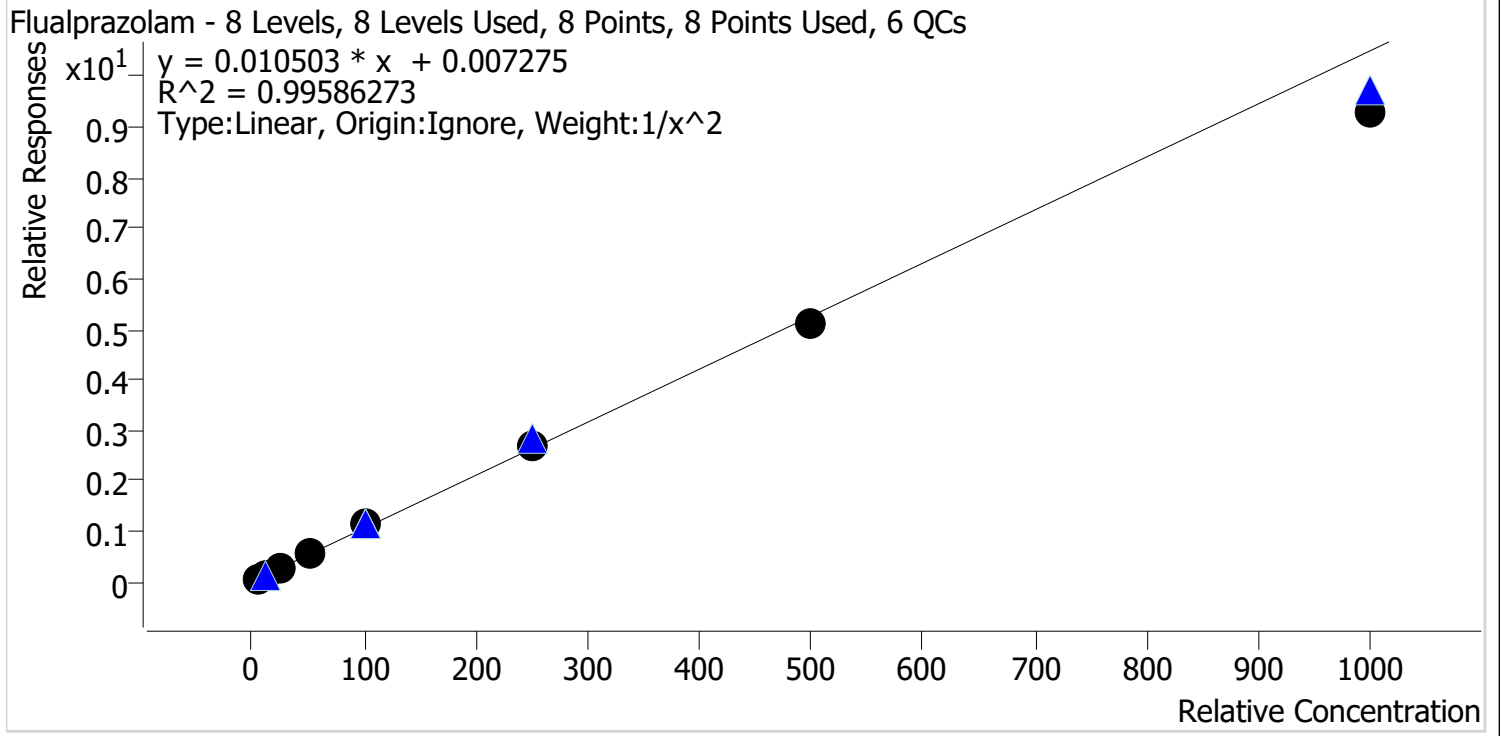
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.7
p1 Cal 2-10ng	2	✓	10.0	9.6	96.5
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	46.0	91.9
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	539.2	107.8
p1 Cal 8-1000ng	8	✓	1000.0	1097.0	109.7

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



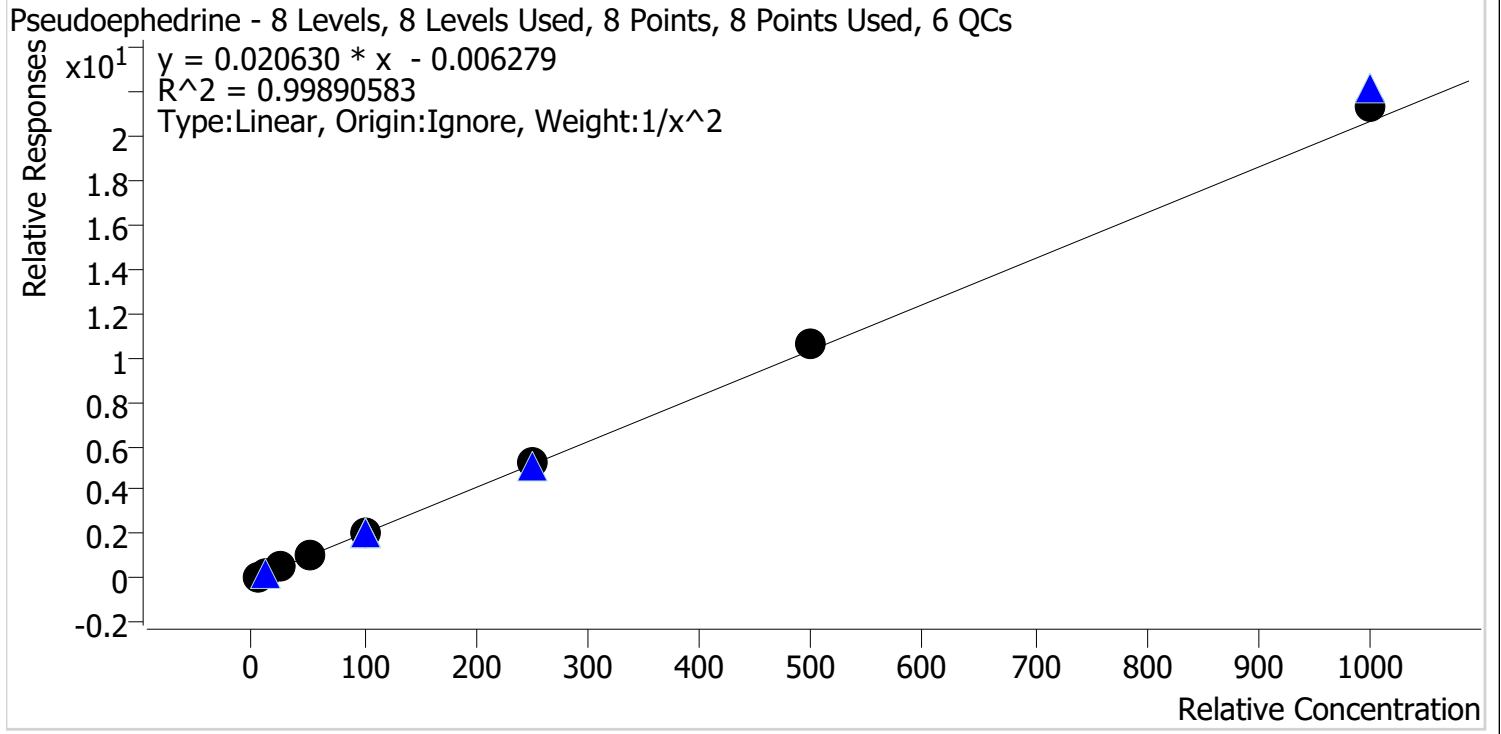
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	51.6	103.1
p1 Cal 5-100ng	5	✓	100.0	107.1	107.1
p1 Cal 6-250ng	6	✓	250.0	253.6	101.4
p1 Cal 7-500ng	7	✓	500.0	486.0	97.2
p1 Cal 8-1000ng	8	✓	1000.0	886.3	88.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



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	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	513.7	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1031.9	103.2

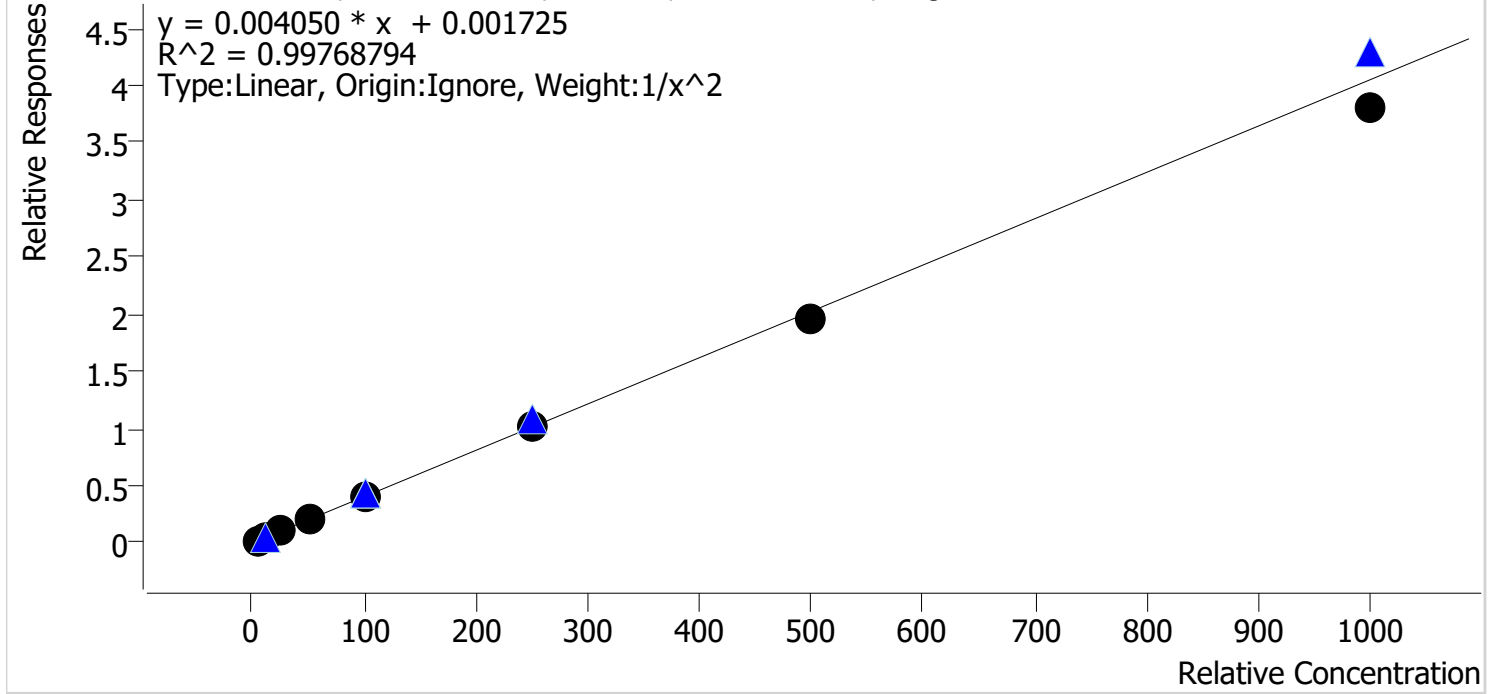
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

Levetiracetam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



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	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.0
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	484.7	96.9
p1 Cal 8-1000ng	8	✓	1000.0	939.5	94.0

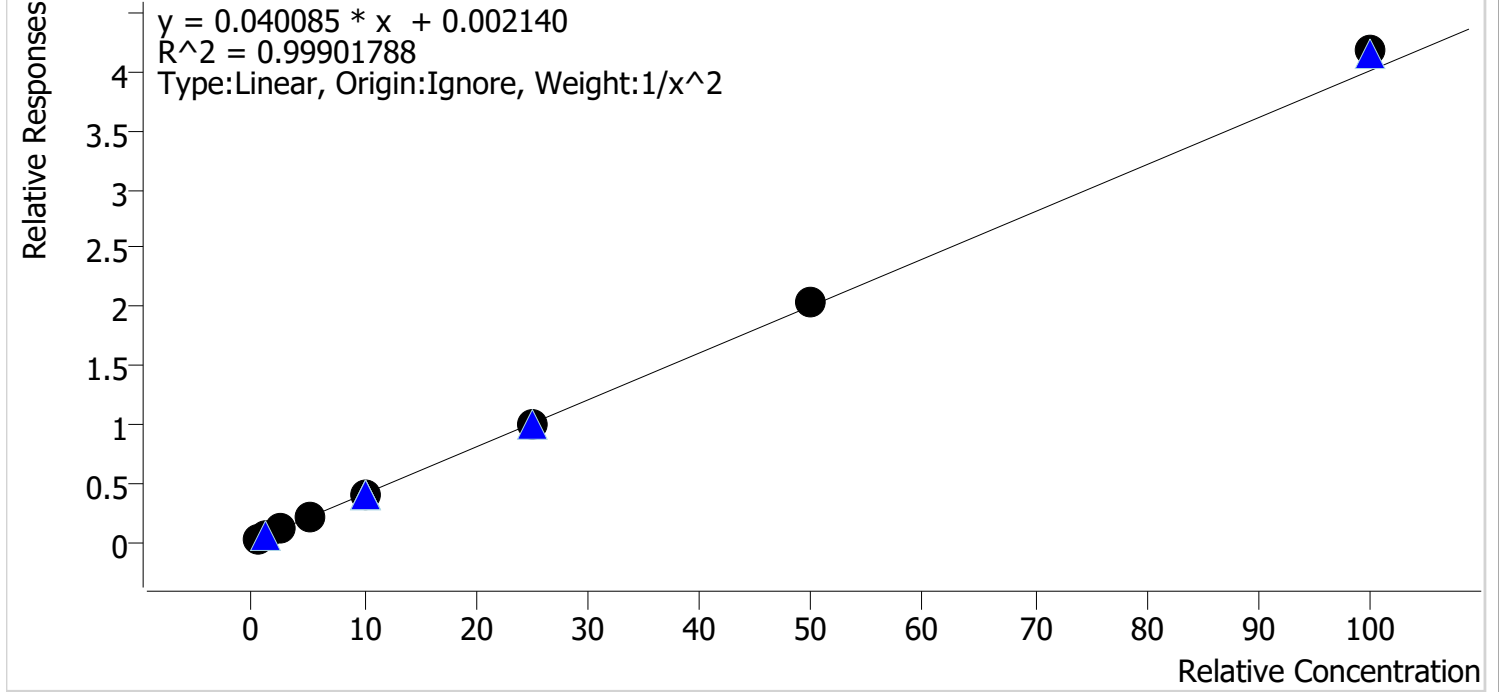
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



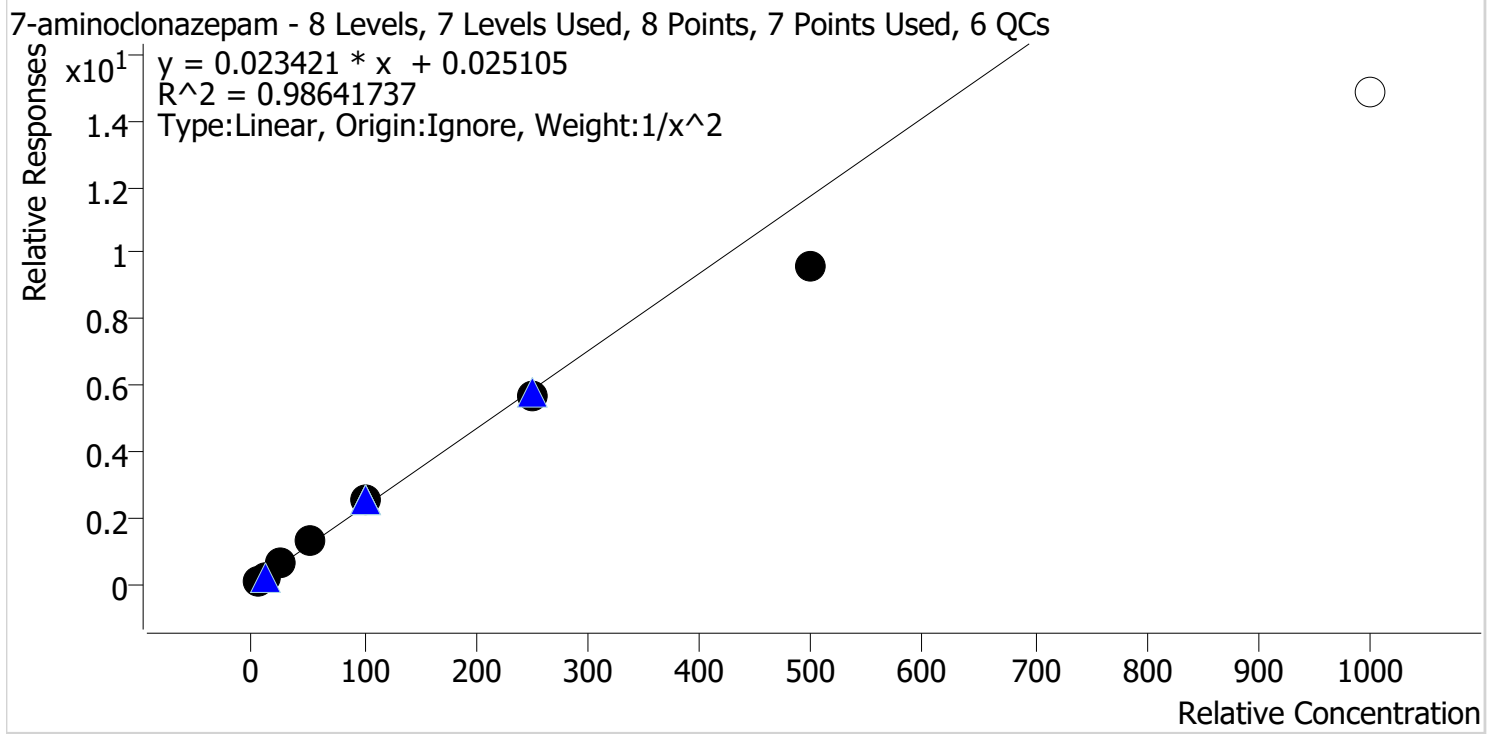
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.9
p1 Cal 2-10ng	2	✓	1.0	1.0	98.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.7
p1 Cal 4-50ng	4	✓	5.0	5.0	100.5
p1 Cal 5-100ng	5	✓	10.0	9.9	98.6
p1 Cal 6-250ng	6	✓	25.0	24.7	98.9
p1 Cal 7-500ng	7	✓	50.0	51.1	102.2
p1 Cal 8-1000ng	8	✓	100.0	104.3	104.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	55.1	110.3
p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng	6	✓	250.0	242.2	96.9
p1 Cal 7-500ng	7	✓	500.0	407.3	81.5
p1 Cal 8-1000ng	8	✗	1000.0	632.3	63.2

Cal 8 dropped due to accuracy

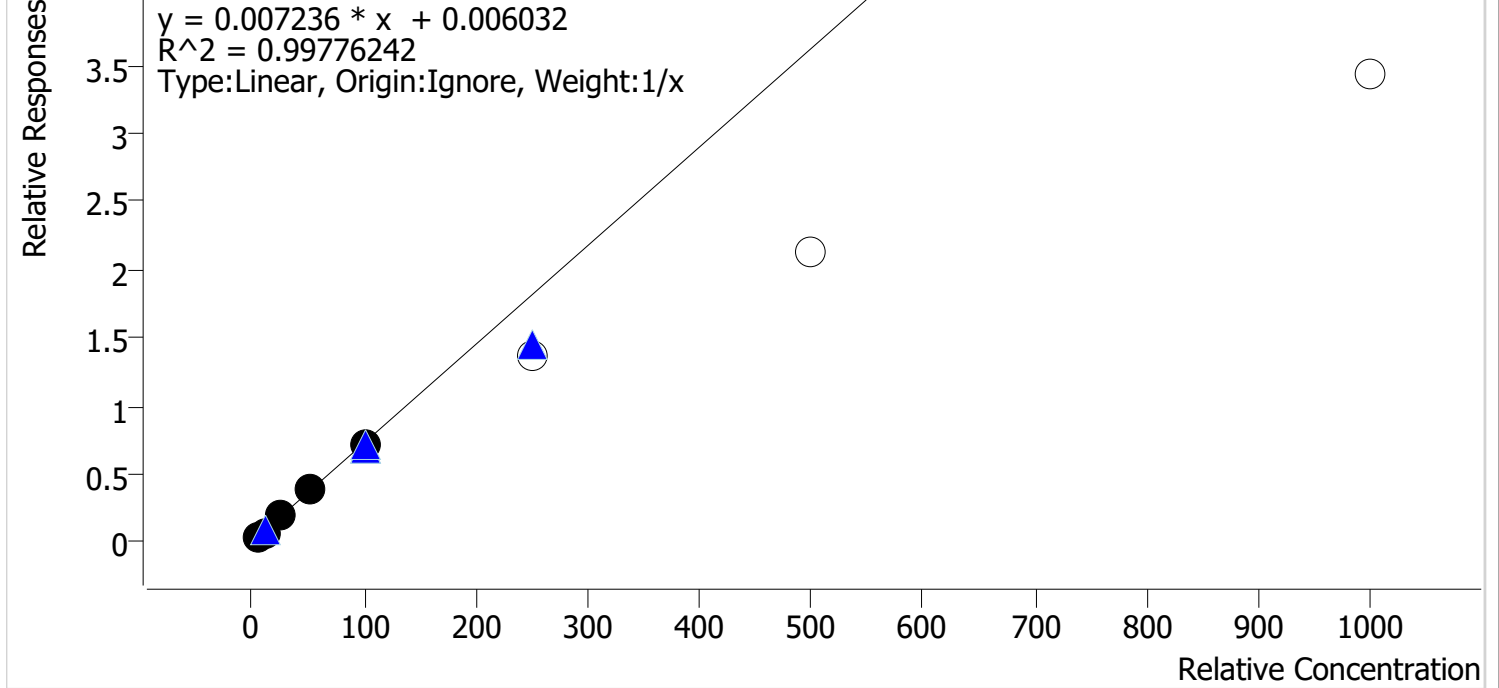
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	52.2	104.5
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	x	250.0	188.2	75.3
p1 Cal 7-500ng	7	x	500.0	294.7	58.9
p1 Cal 8-1000ng	8	x	1000.0	472.9	47.3

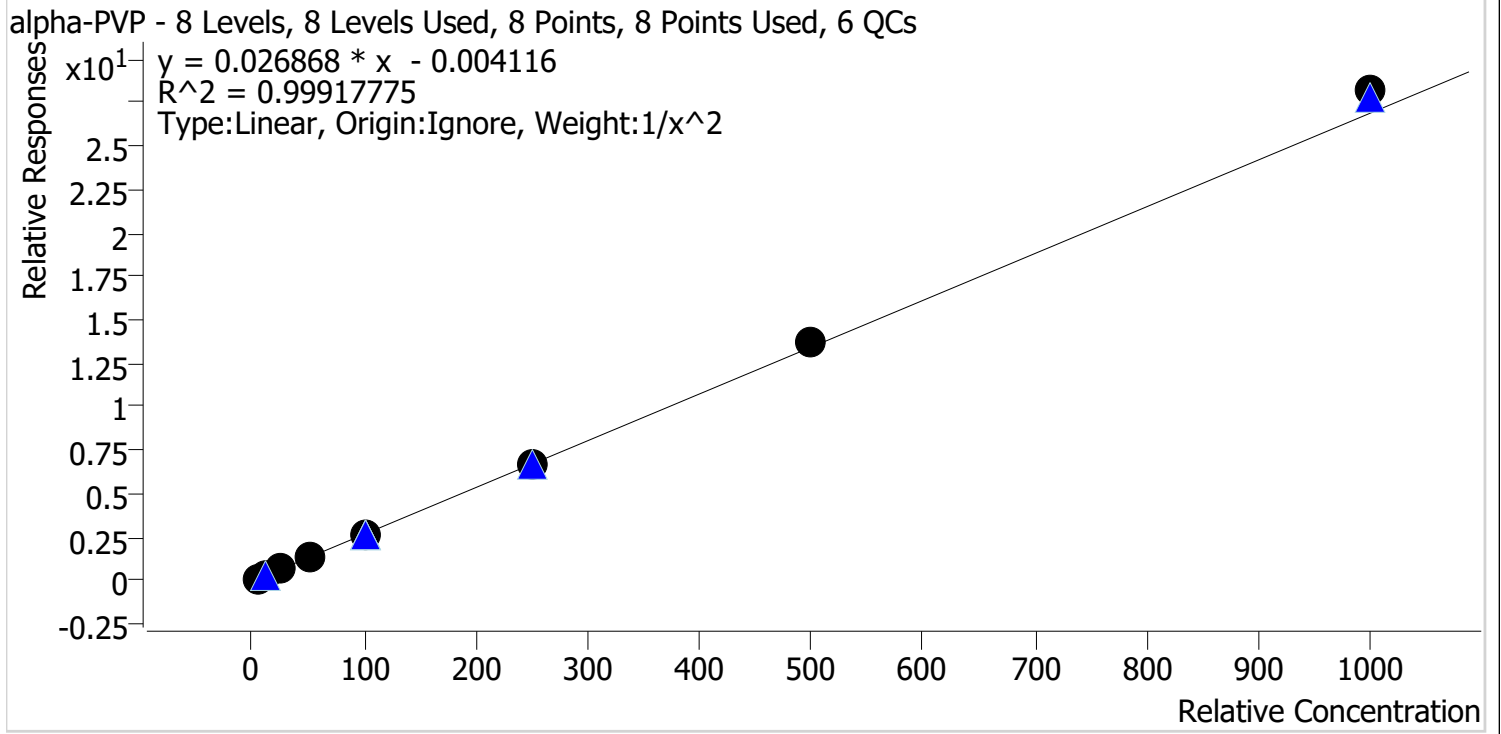
Cal 6-8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	48.6	97.1
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	507.3	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1048.3	104.8

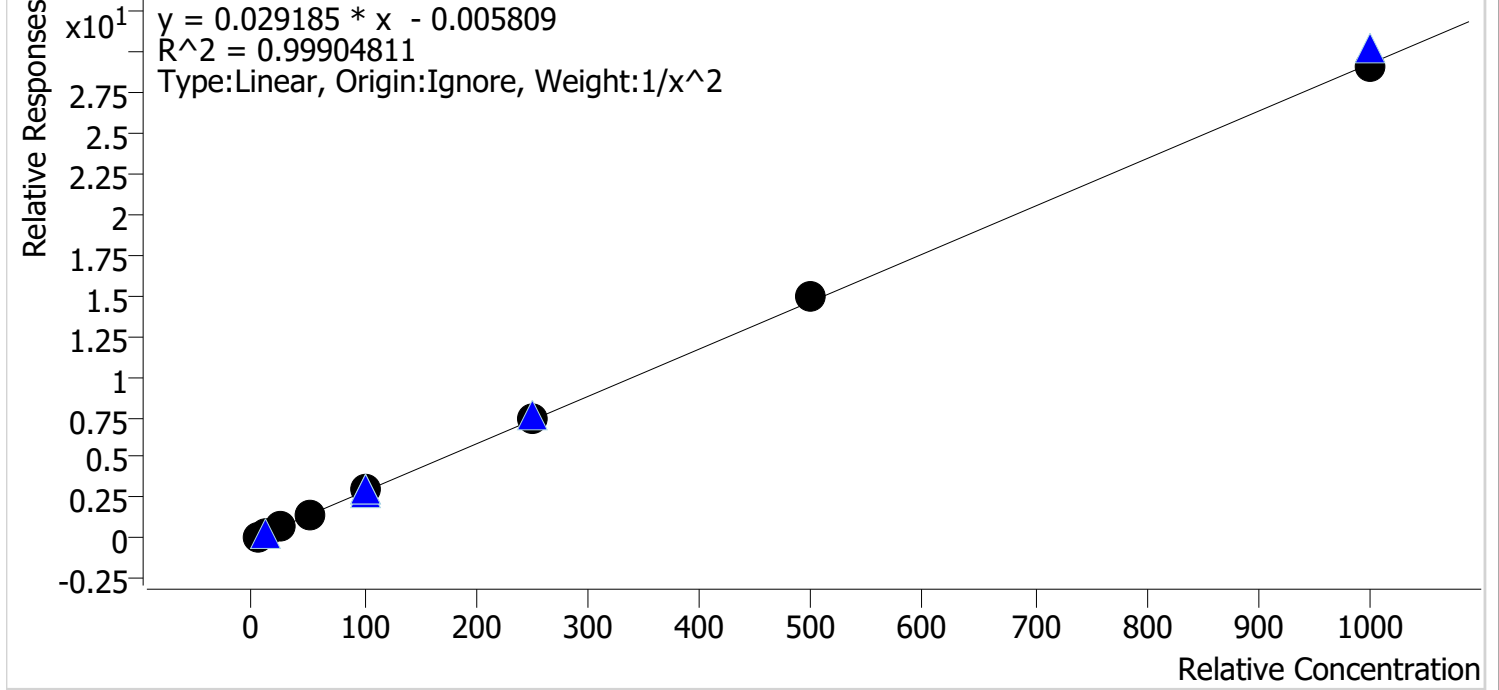
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

Alprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



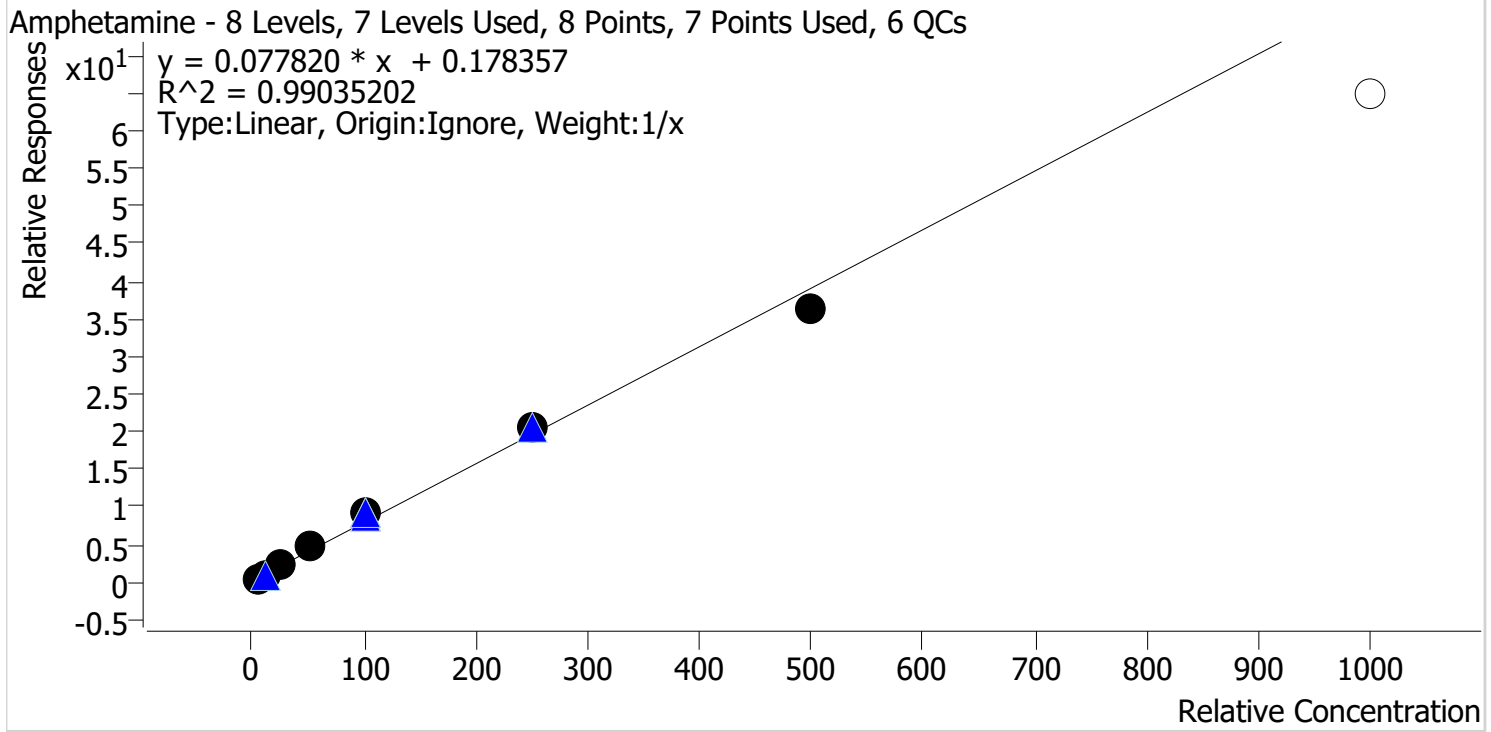
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.2
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	507.4	101.5
p1 Cal 8-1000ng	8	✓	1000.0	991.2	99.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
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	3.7	73.1
p1 Cal 2-10ng	2	✓	10.0	9.0	89.7
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	60.0	120.0
p1 Cal 5-100ng	5	✓	100.0	115.3	115.3
p1 Cal 6-250ng	6	✓	250.0	261.4	104.6
p1 Cal 7-500ng	7	✓	500.0	464.6	92.9
p1 Cal 8-1000ng	8	✗	1000.0	831.1	83.1

Cal 8 dropped due to accuracy

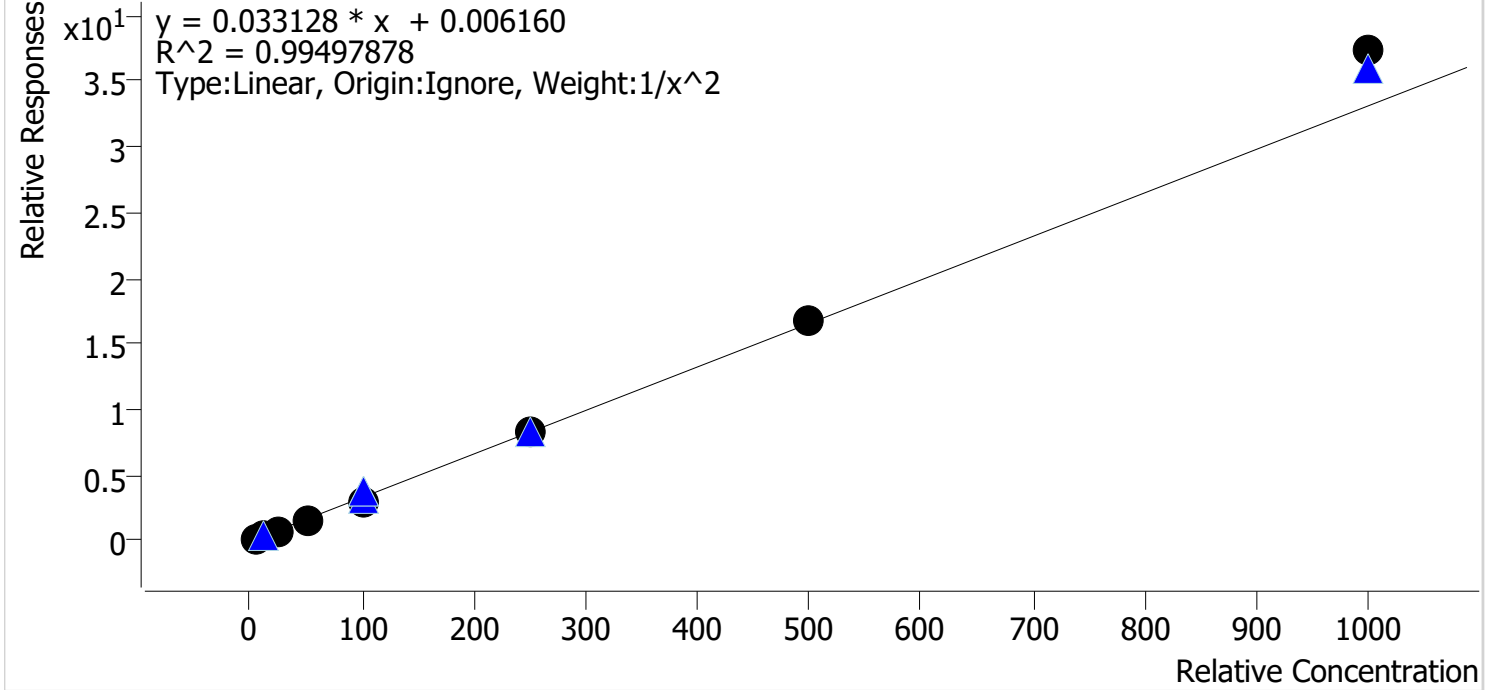
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Benzoyllecgonine **Internal Standard** Benzoyllecgonine-d8

Benzoyllecgonine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



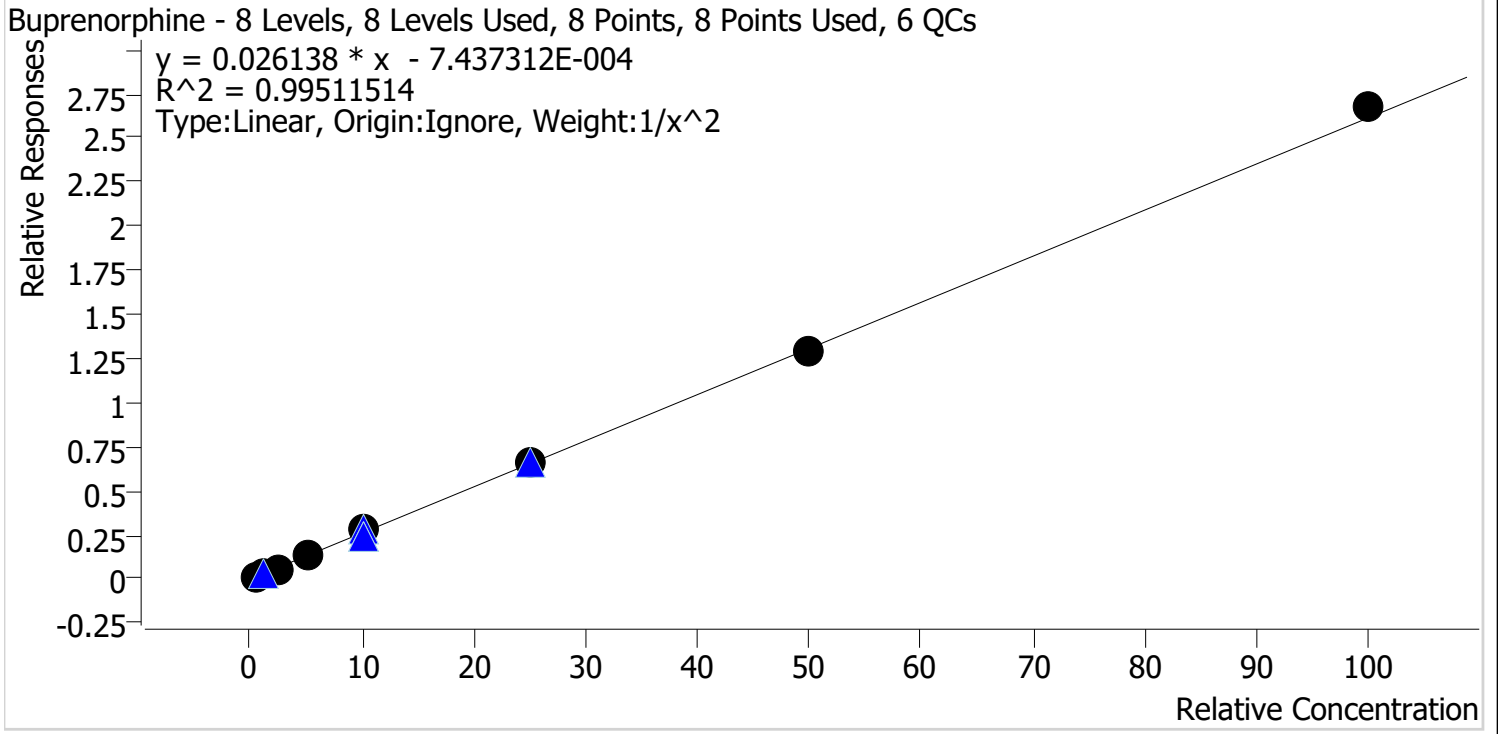
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	92.6	92.6
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	510.6	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1127.1	112.7

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



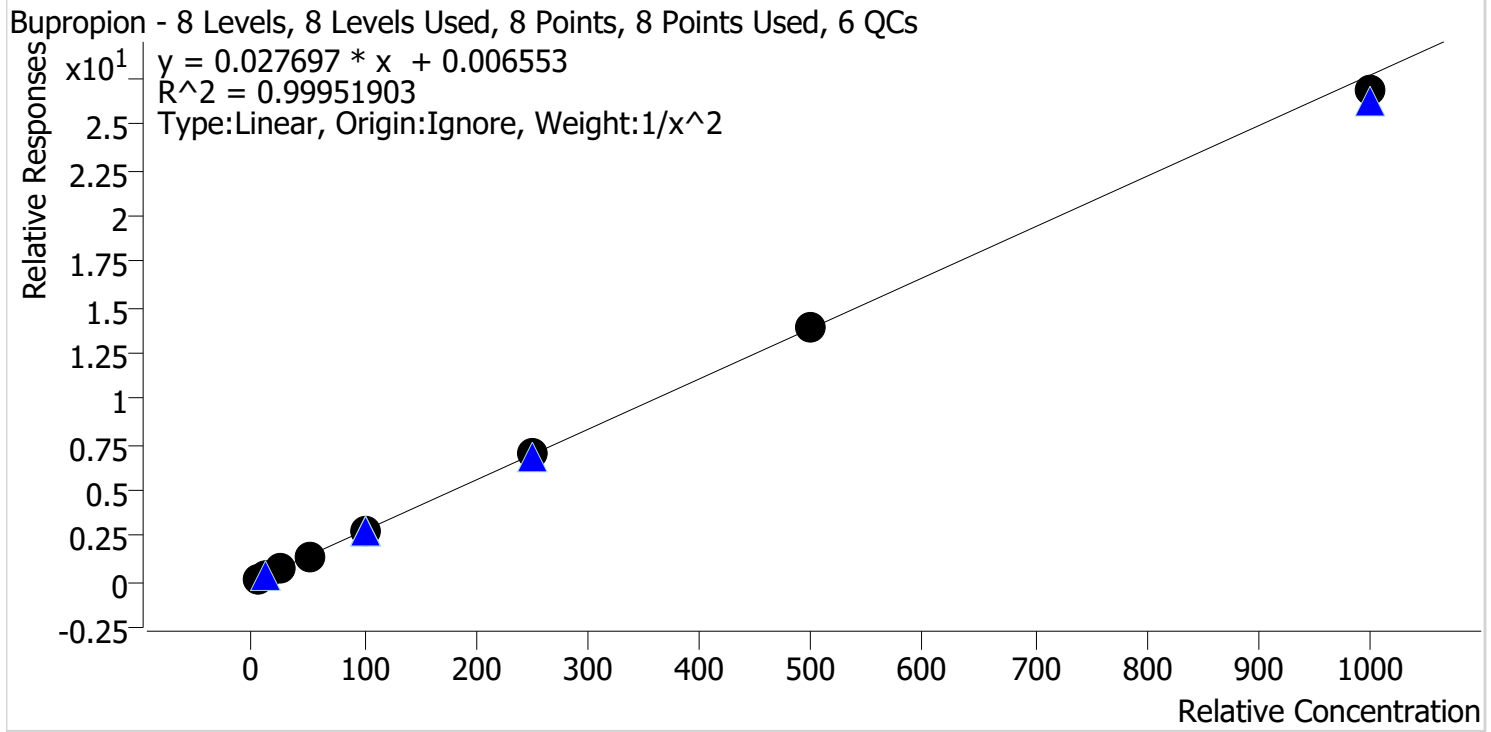
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.0
p1 Cal 2-10ng	2	✓	1.0	1.1	106.8
p1 Cal 3 -25ng	3	✓	2.5	2.2	87.2
p1 Cal 4-50ng	4	✓	5.0	4.9	98.7
p1 Cal 5-100ng	5	✓	10.0	10.6	106.0
p1 Cal 6-250ng	6	✓	25.0	25.3	101.0
p1 Cal 7-500ng	7	✓	50.0	49.4	98.8
p1 Cal 8-1000ng	8	✓	100.0	102.6	102.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



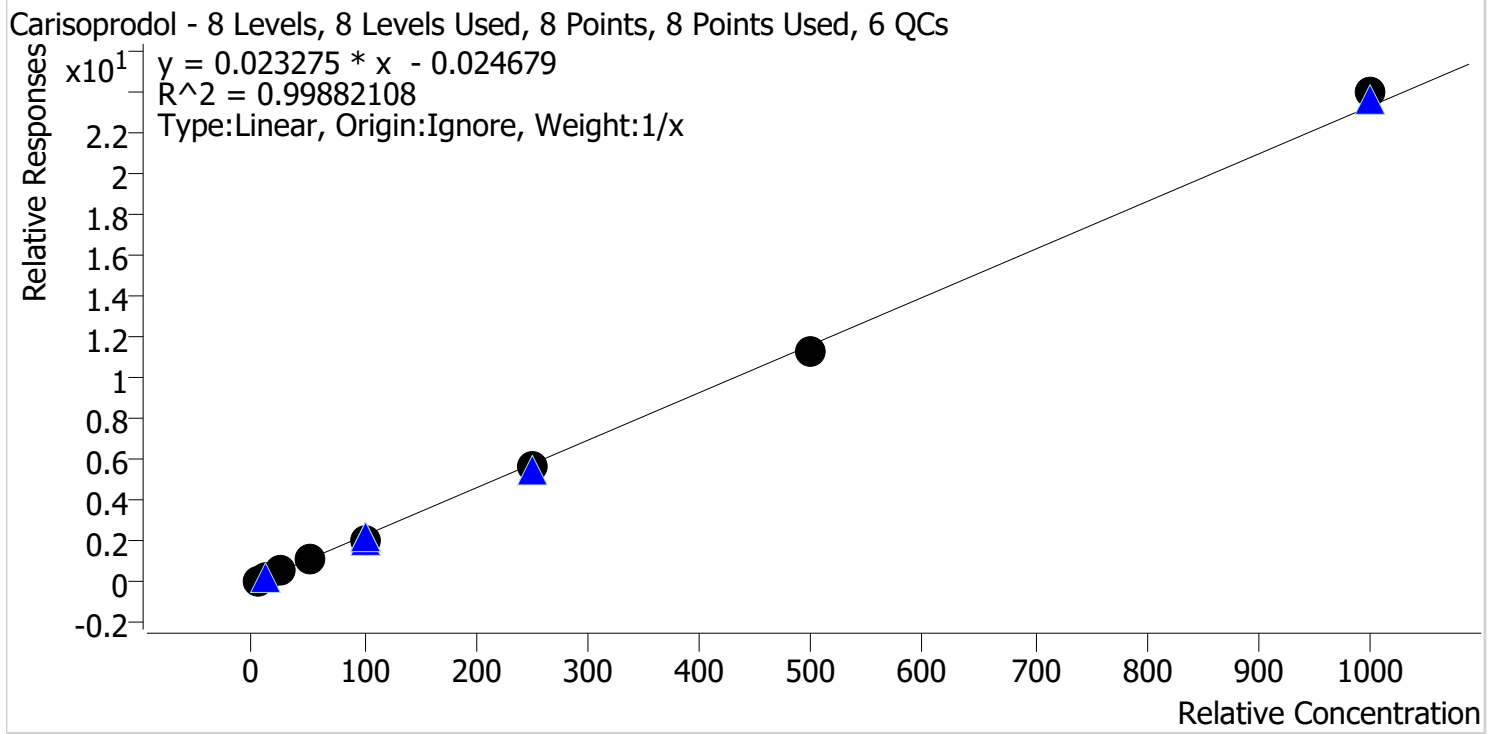
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	501.1	100.2
p1 Cal 8-1000ng	8	✓	1000.0	969.5	97.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



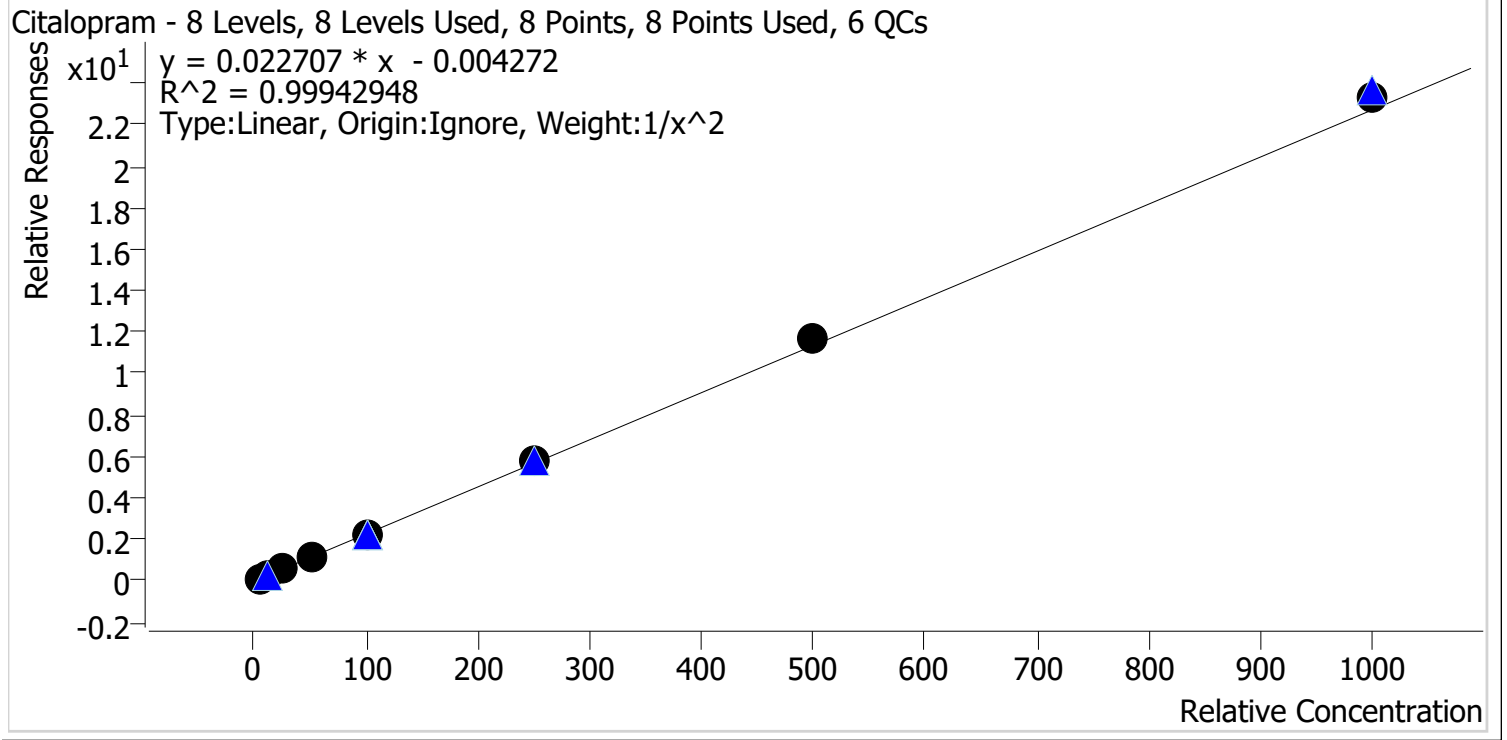
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.6	112.4
p1 Cal 2-10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	93.3	93.3
p1 Cal 6-250ng	6	✓	250.0	241.4	96.6
p1 Cal 7-500ng	7	✓	500.0	488.6	97.7
p1 Cal 8-1000ng	8	✓	1000.0	1028.8	102.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



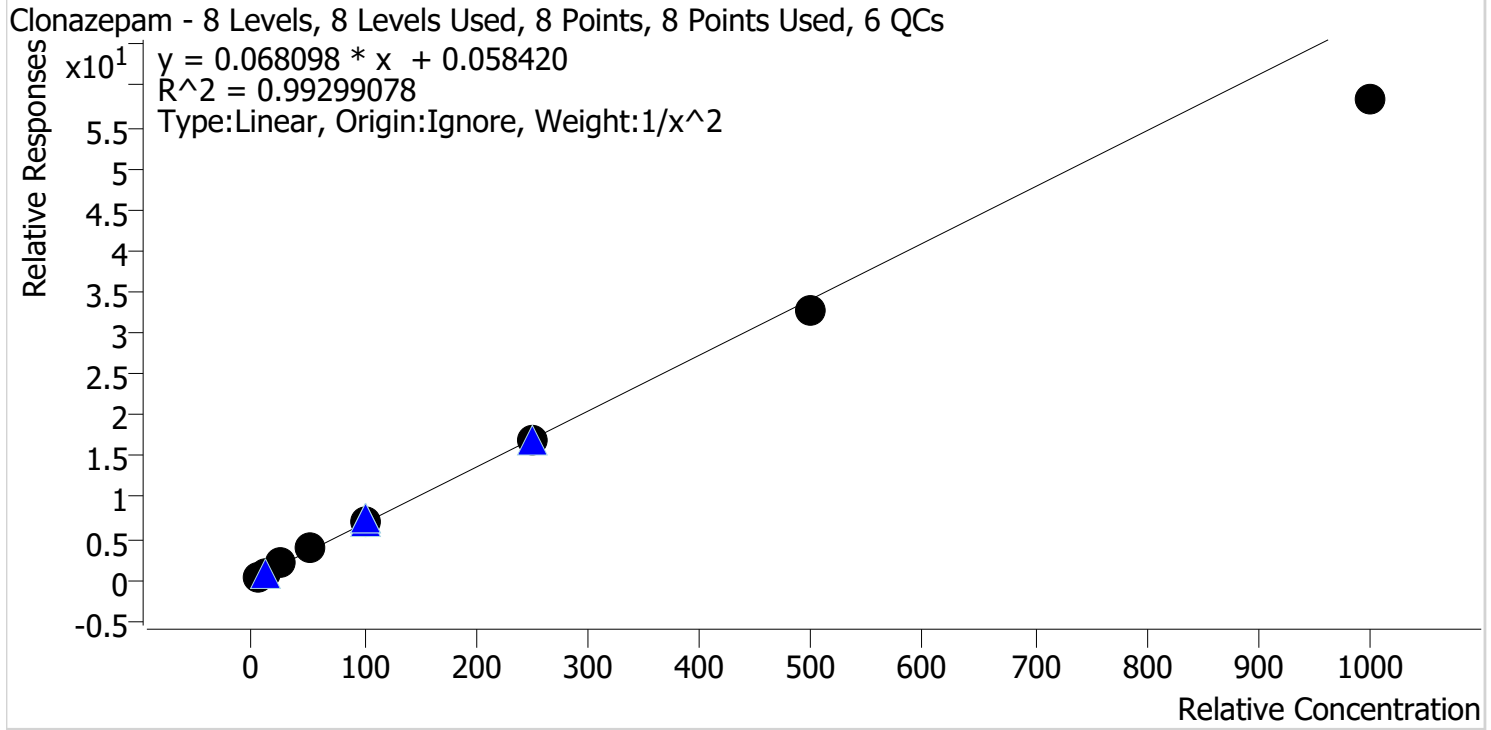
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	49.1	98.3
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	512.5	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1026.3	102.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
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	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	481.2	96.2
p1 Cal 8-1000ng	8	✓	1000.0	857.9	85.8

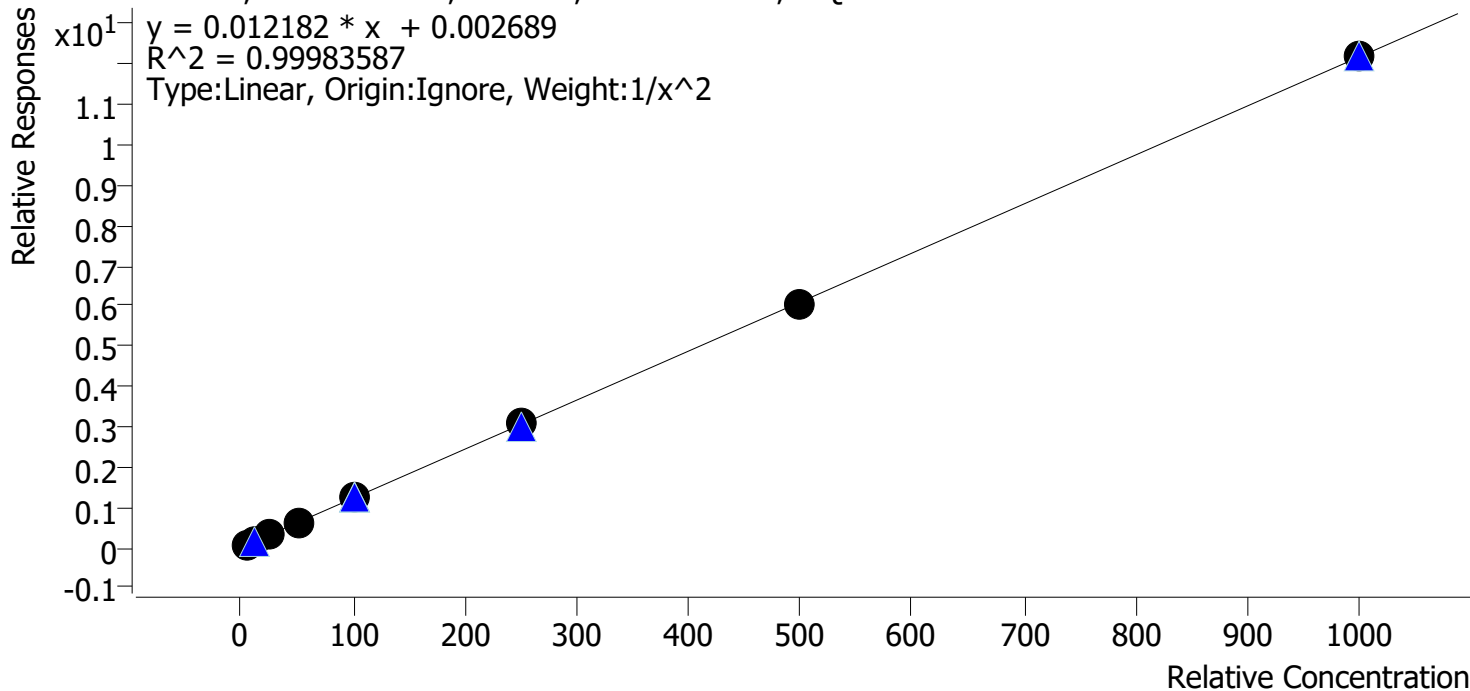
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 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	97.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	495.4	99.1
p1 Cal 8-1000ng	8	✓	1000.0	998.8	99.9

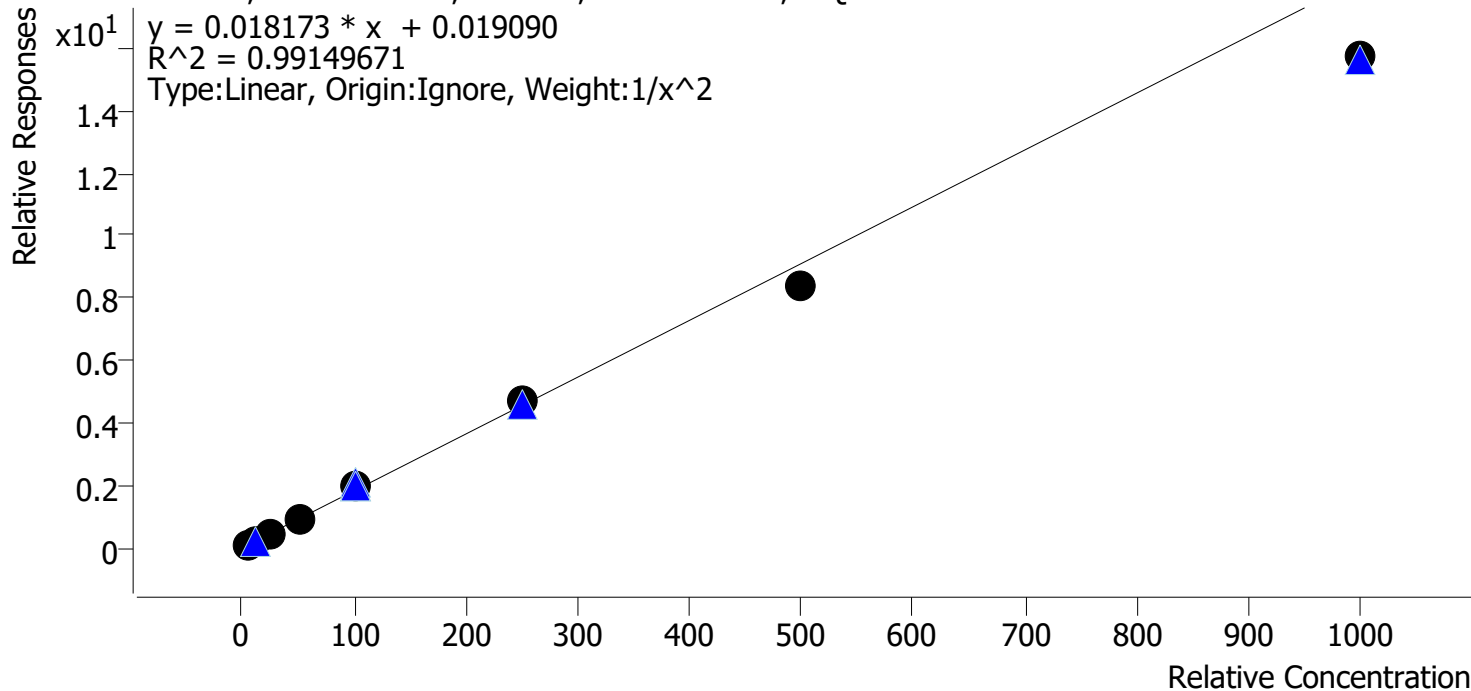
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

Codeine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	111.4	111.4
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	459.7	91.9
p1 Cal 8-1000ng	8	✓	1000.0	864.4	86.4

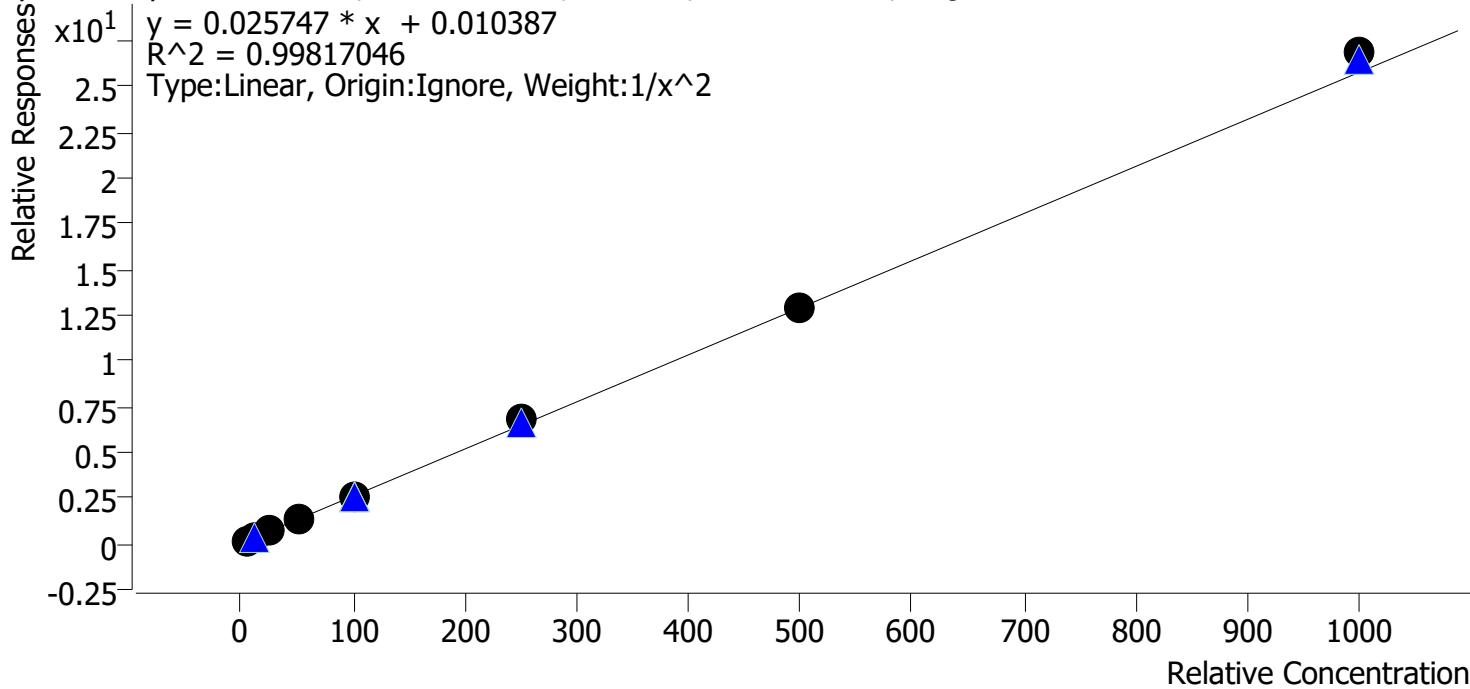
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.6
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	261.9	104.8
p1 Cal 7-500ng	7	✓	500.0	502.6	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1041.9	104.2

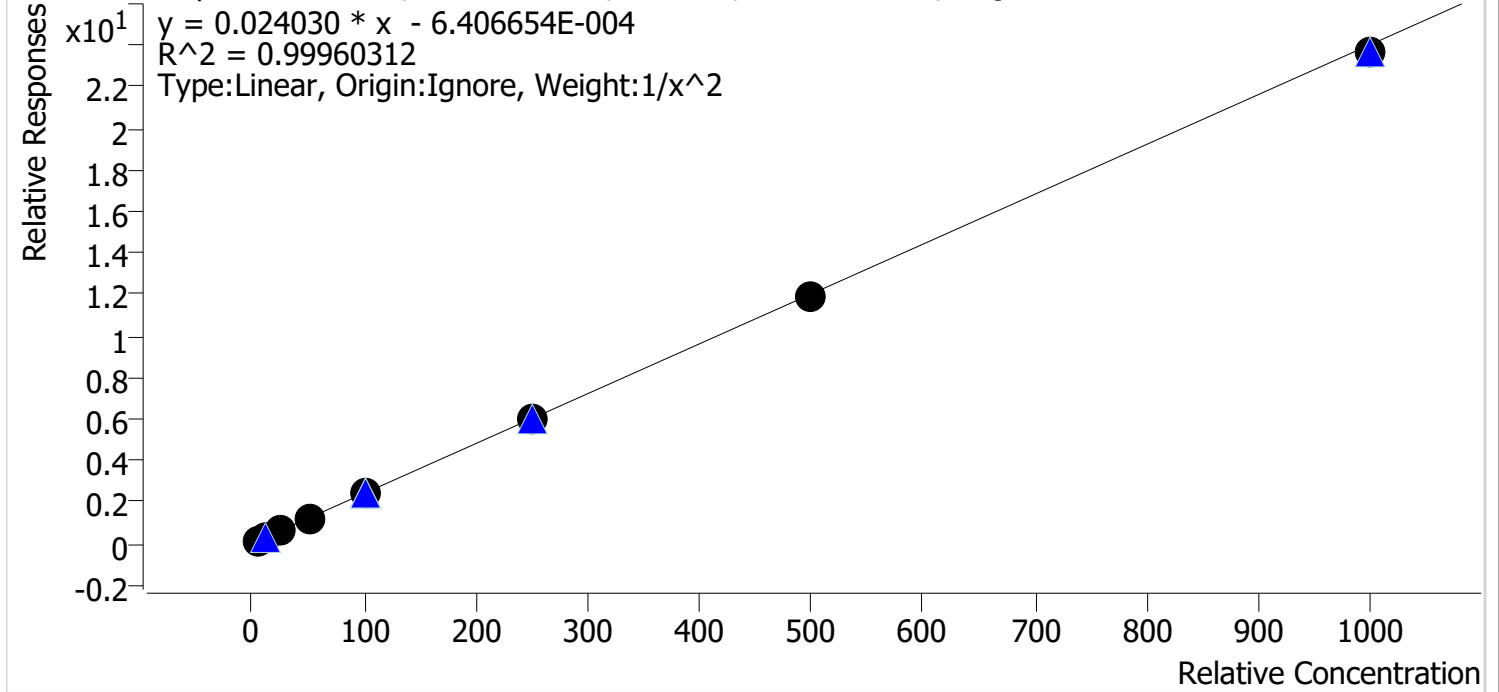
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

Dextromethorphan - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



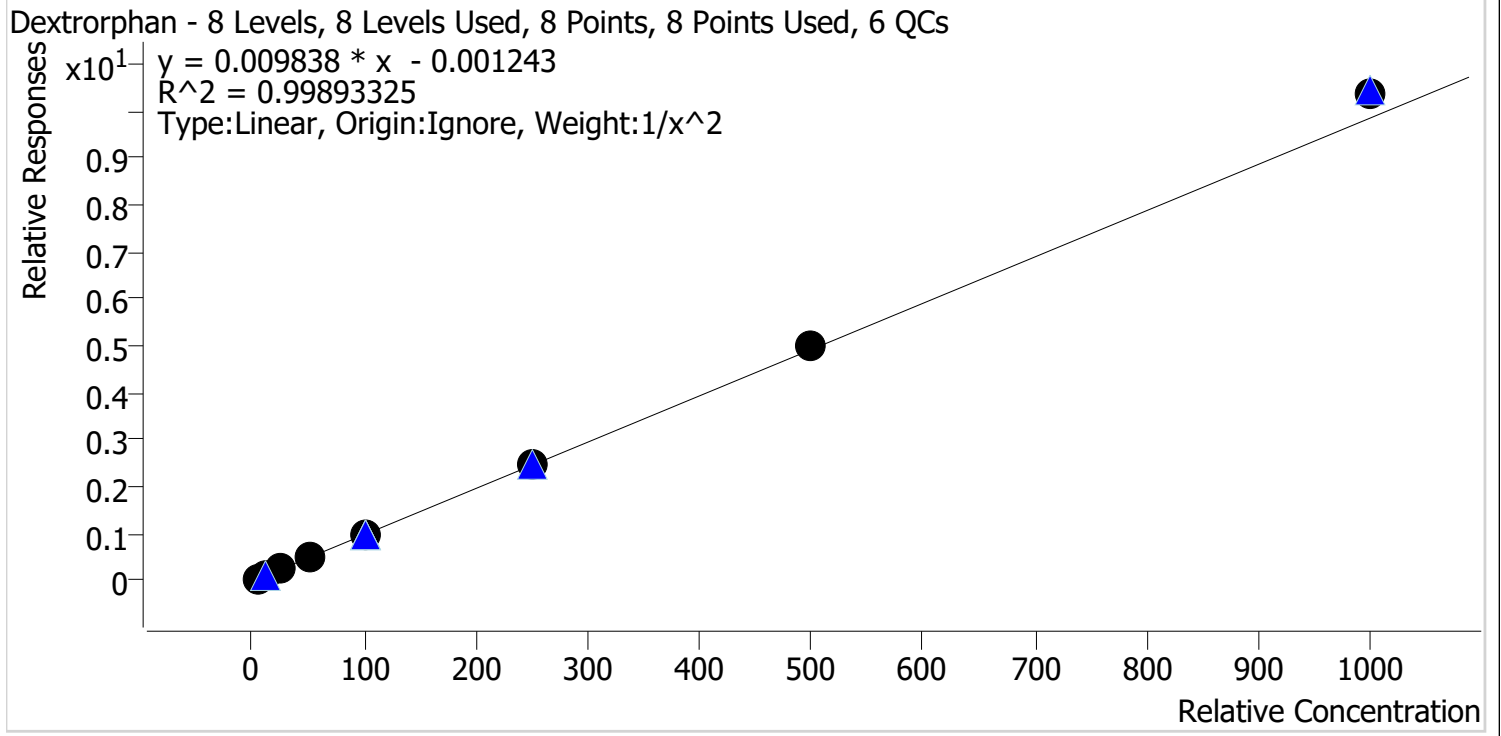
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	491.9	98.4
p1 Cal 8-1000ng	8	✓	1000.0	982.0	98.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



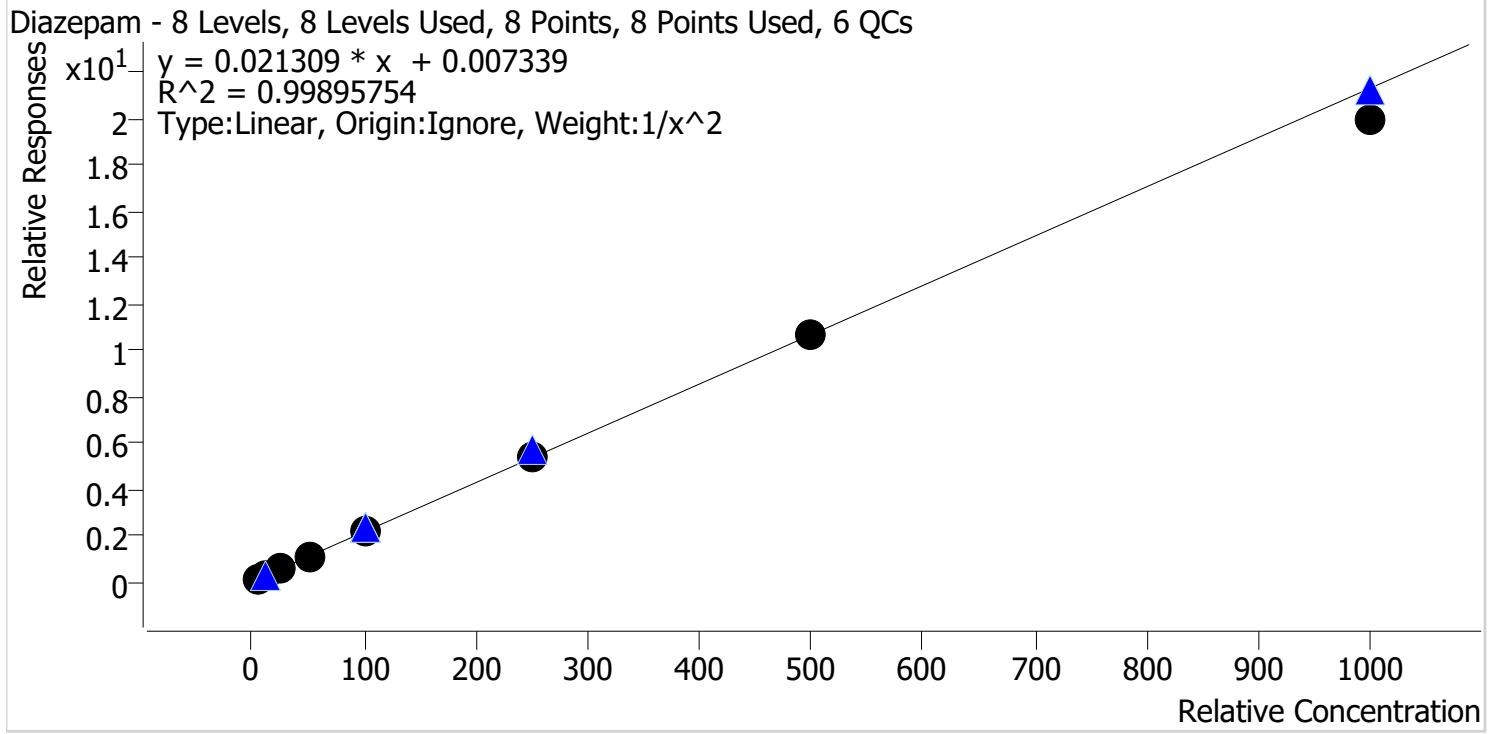
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	507.8	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1052.6	105.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	499.0	99.8
p1 Cal 8-1000ng	8	✓	1000.0	936.1	93.6

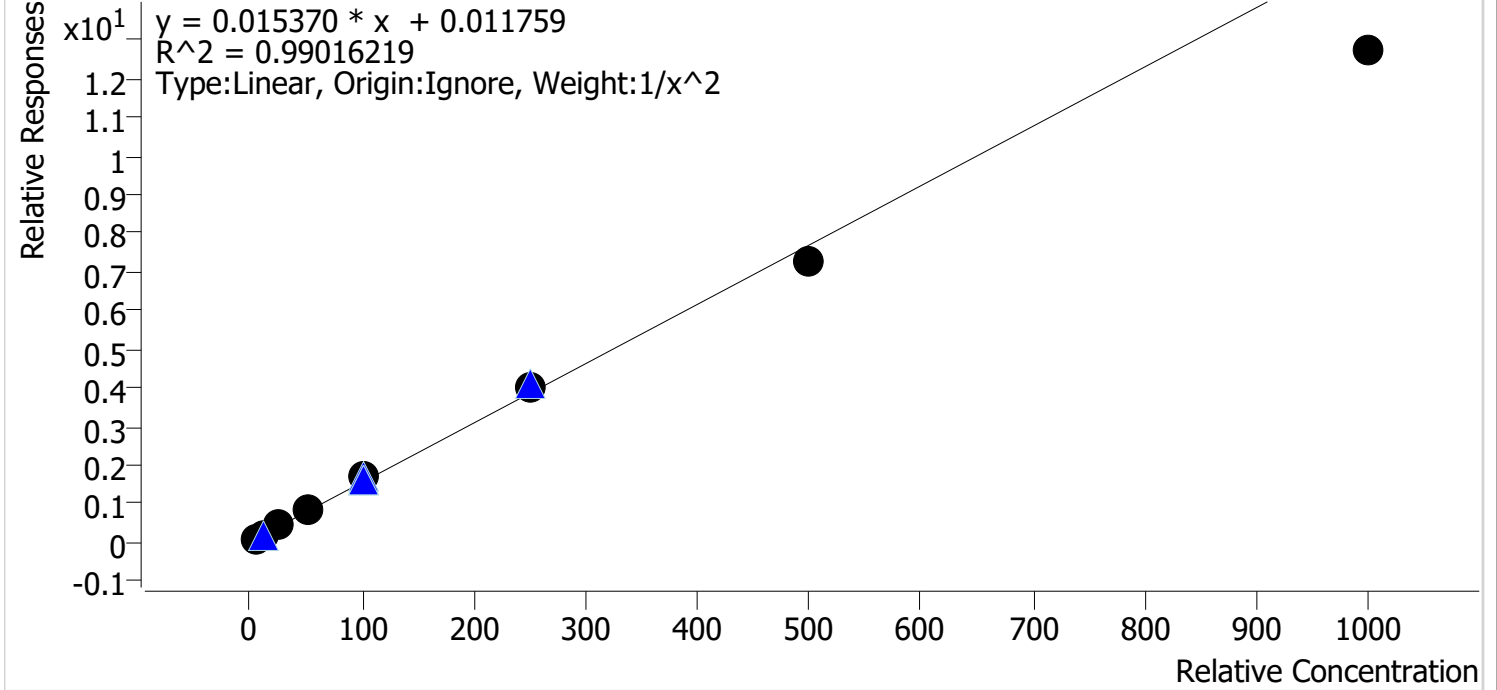
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



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	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	53.9	107.9
p1 Cal 5-100ng	5	✓	100.0	108.7	108.7
p1 Cal 6-250ng	6	✓	250.0	257.5	103.0
p1 Cal 7-500ng	7	✓	500.0	470.0	94.0
p1 Cal 8-1000ng	8	✓	1000.0	827.6	82.8

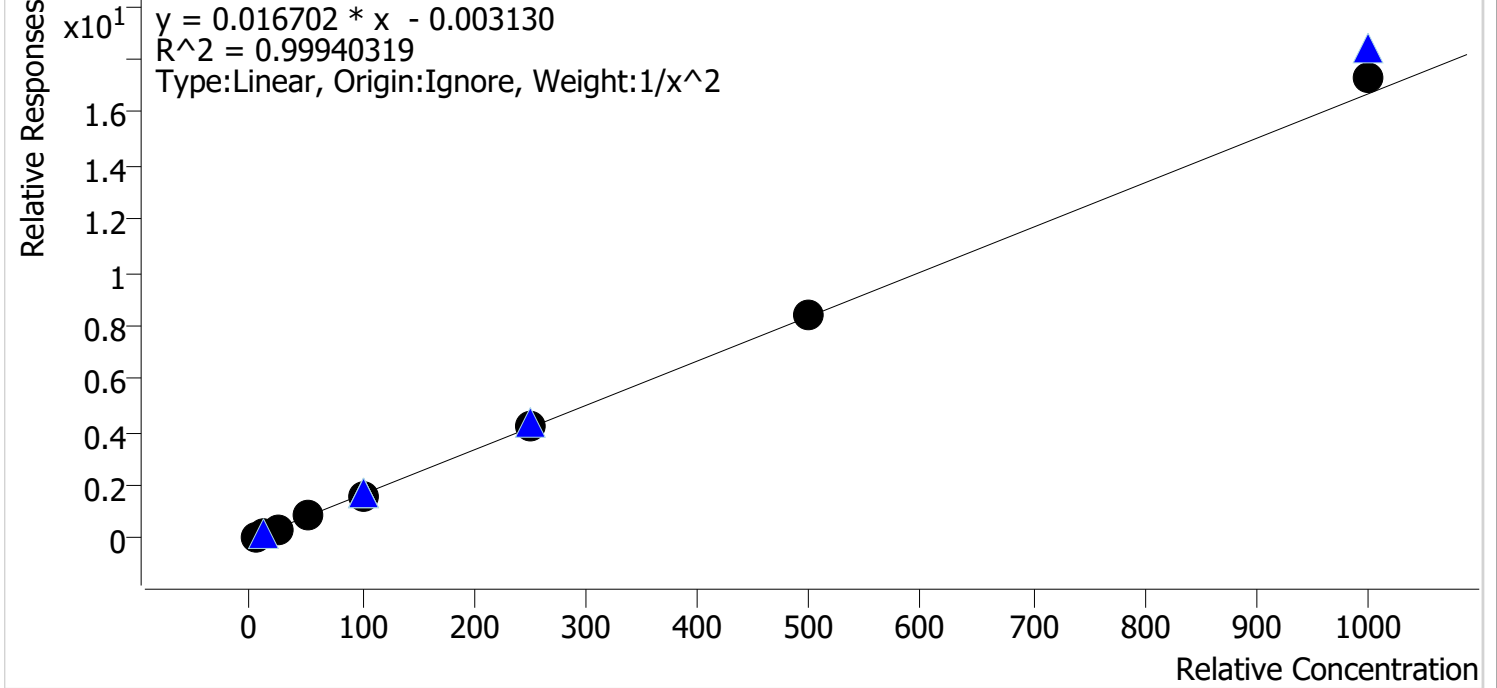
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

Diphenhydramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	504.2	100.8
p1 Cal 8-1000ng	8	✓	1000.0	1036.5	103.6

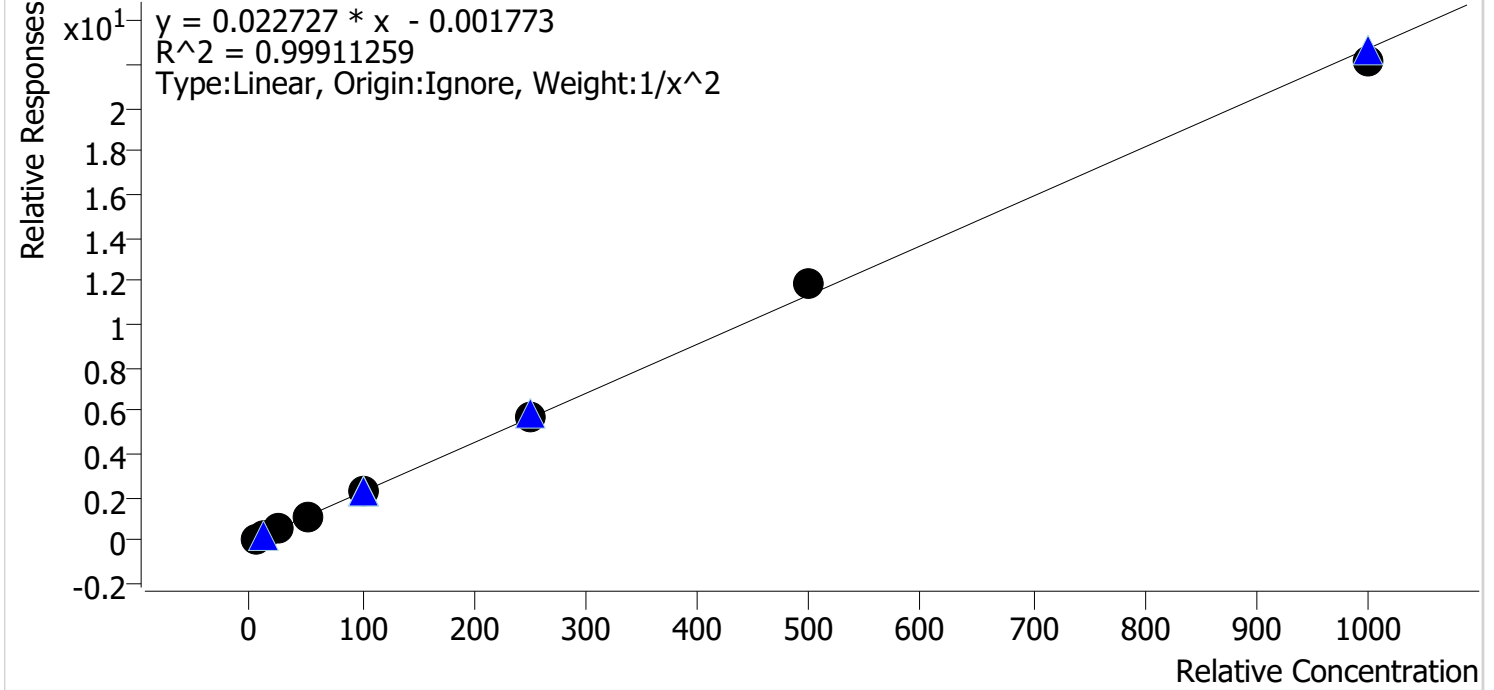
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

Doxylamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	524.6	104.9
p1 Cal 8-1000ng	8	✓	1000.0	974.8	97.5

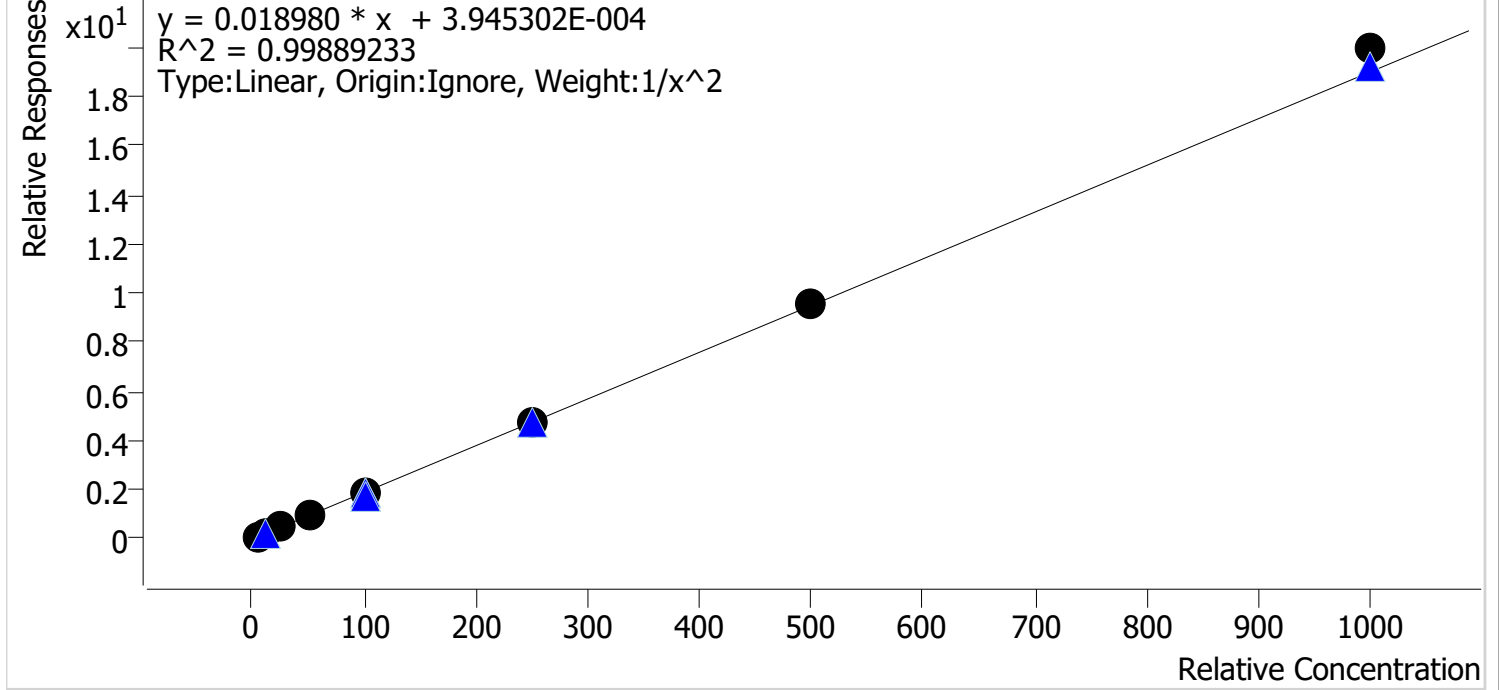
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

EDDP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 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	98.1
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	504.9	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1050.1	105.0

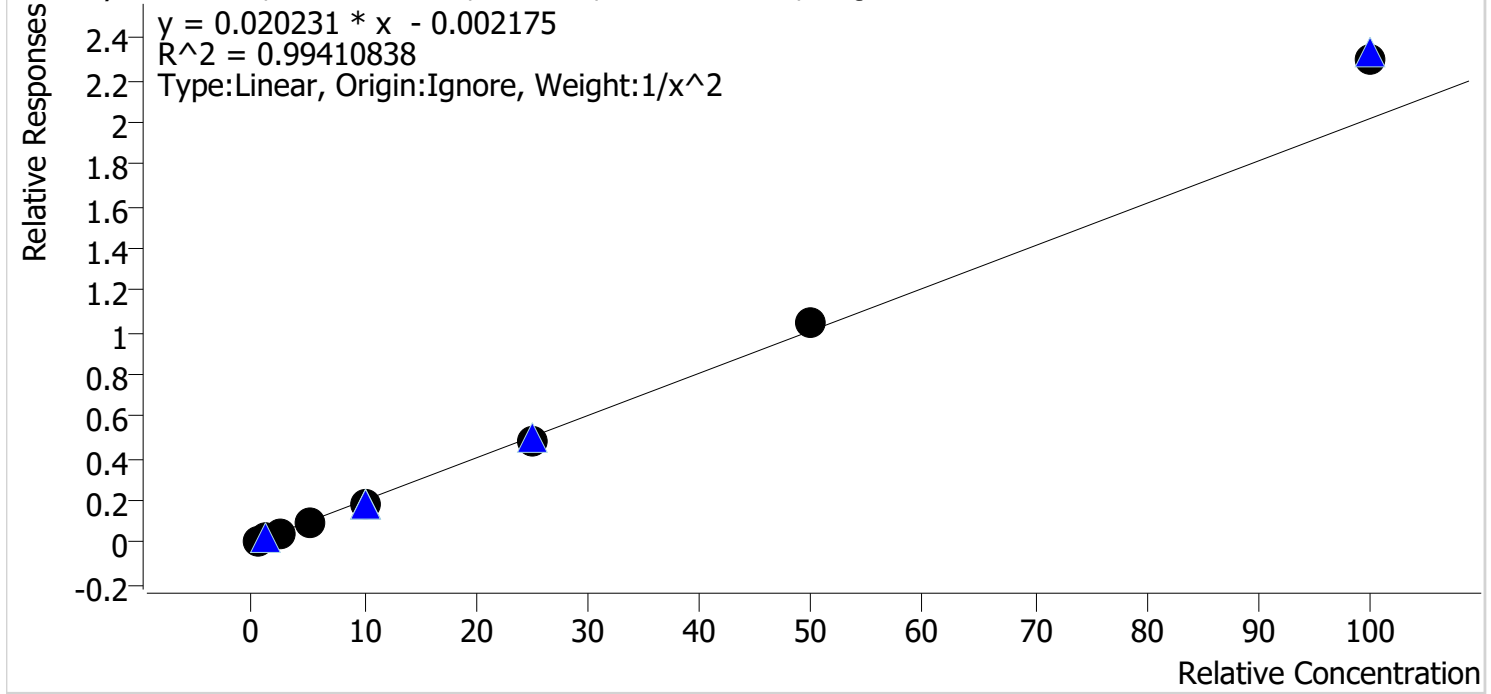
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

Fentanyl - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.2
p1 Cal 2-10ng	2	✓	1.0	1.0	101.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.4
p1 Cal 4-50ng	4	✓	5.0	4.7	93.6
p1 Cal 5-100ng	5	✓	10.0	9.4	94.3
p1 Cal 6-250ng	6	✓	25.0	24.2	96.6
p1 Cal 7-500ng	7	✓	50.0	51.9	103.9
p1 Cal 8-1000ng	8	✓	100.0	113.7	113.7

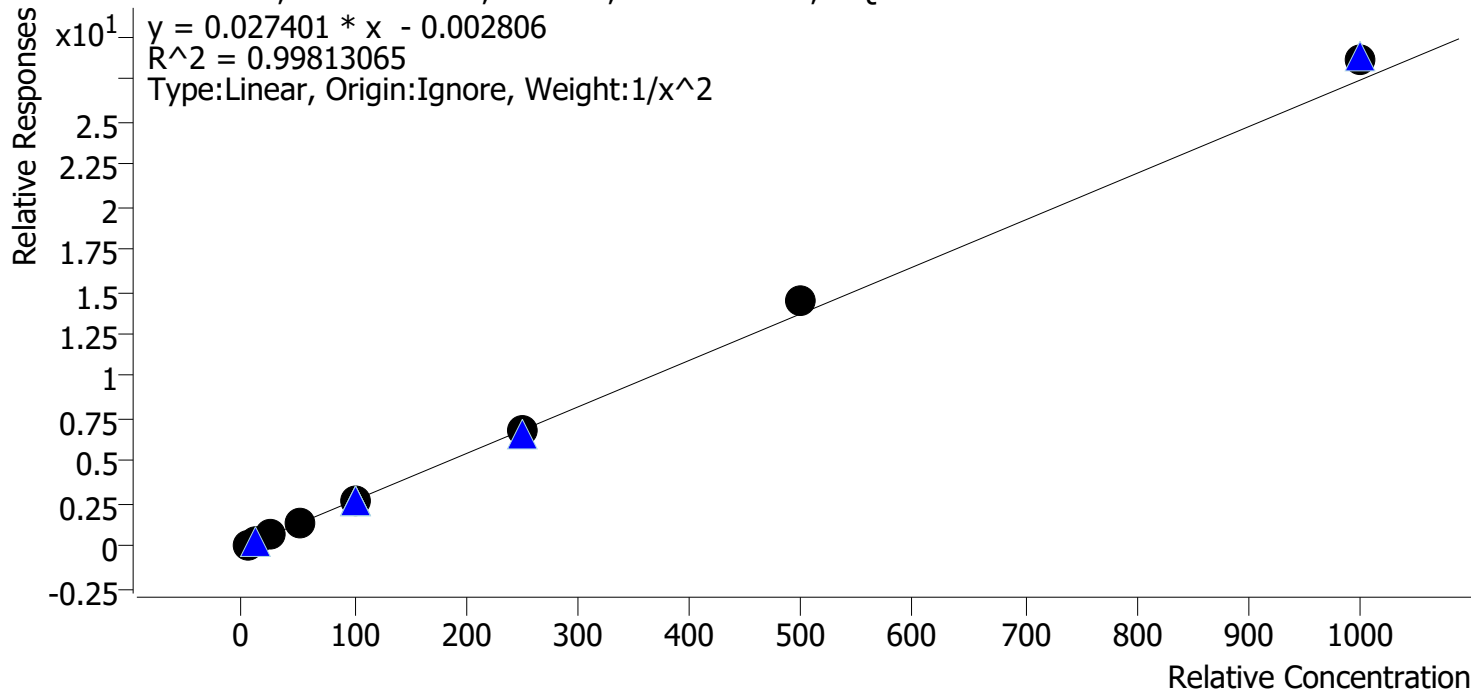
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

Fluoxetine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



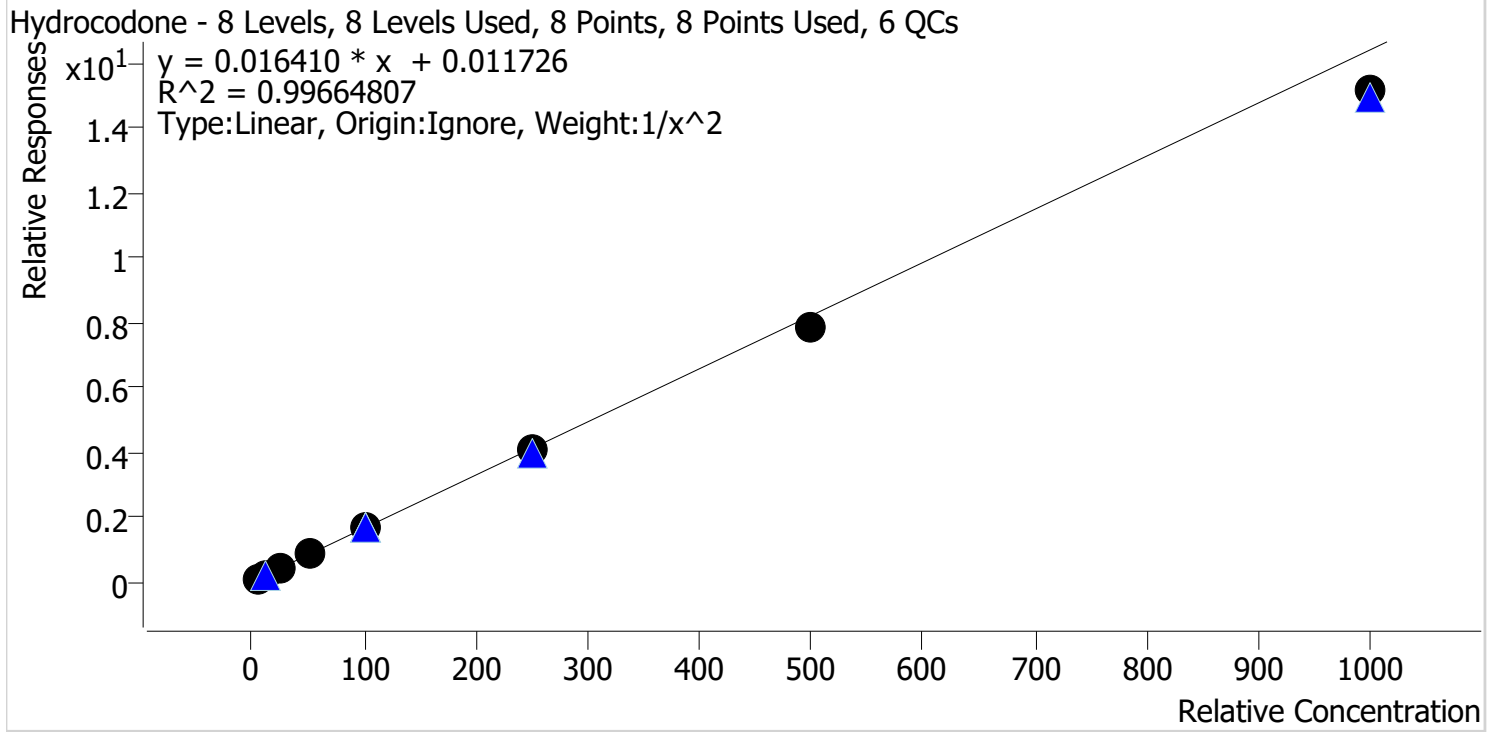
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.5	94.6
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	524.4	104.9
p1 Cal 8-1000ng	8	✓	1000.0	1040.6	104.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	54.0	107.9
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	478.2	95.6
p1 Cal 8-1000ng	8	✓	1000.0	923.3	92.3

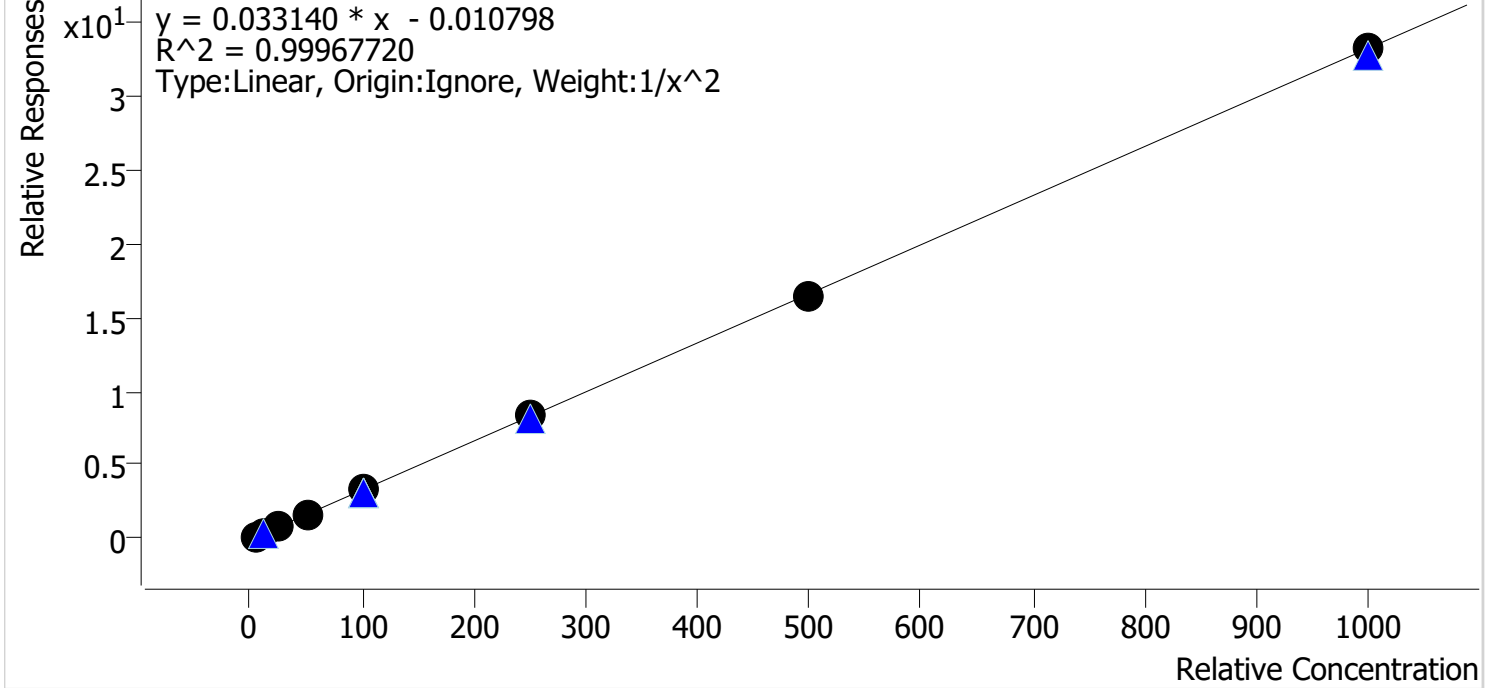
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



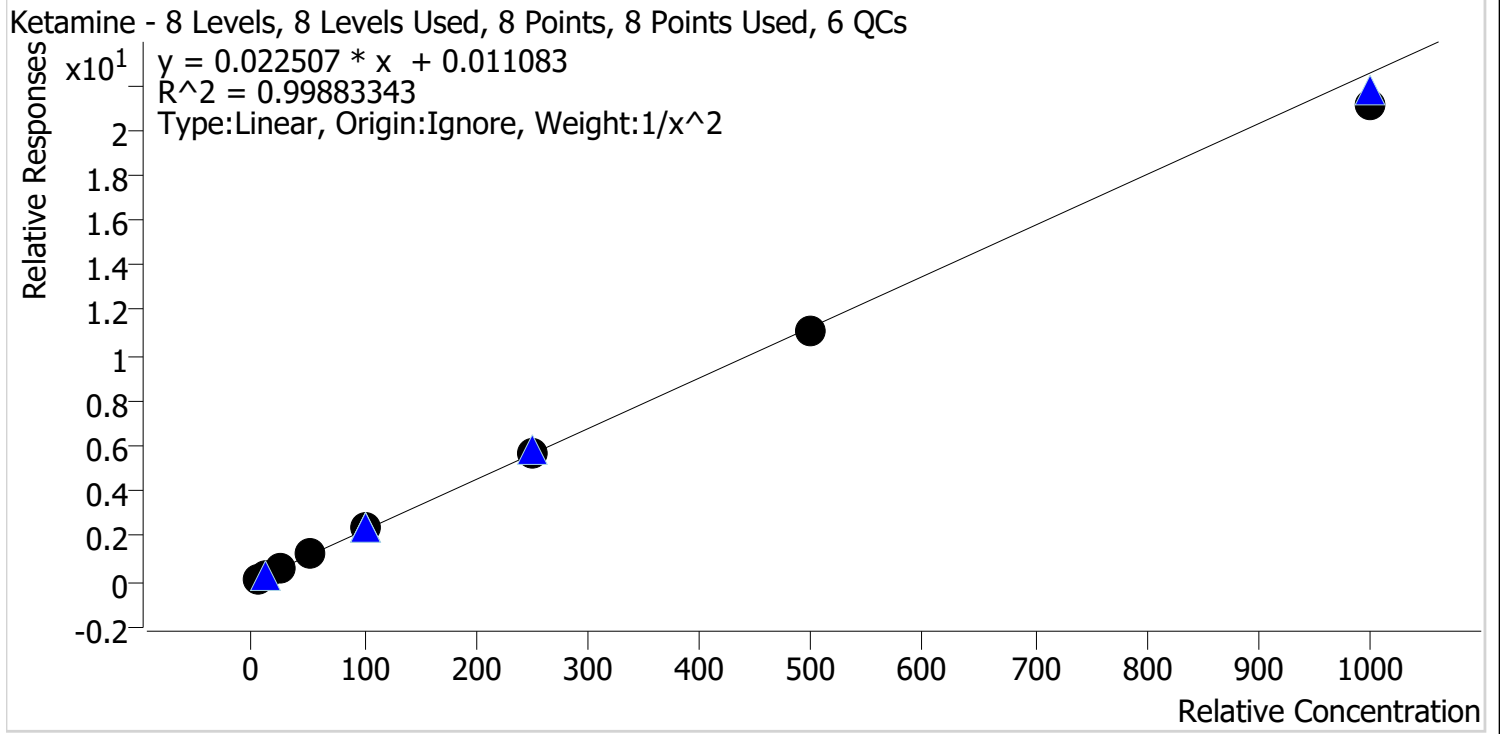
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	492.4	98.5
p1 Cal 8-1000ng	8	✓	1000.0	999.6	100.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



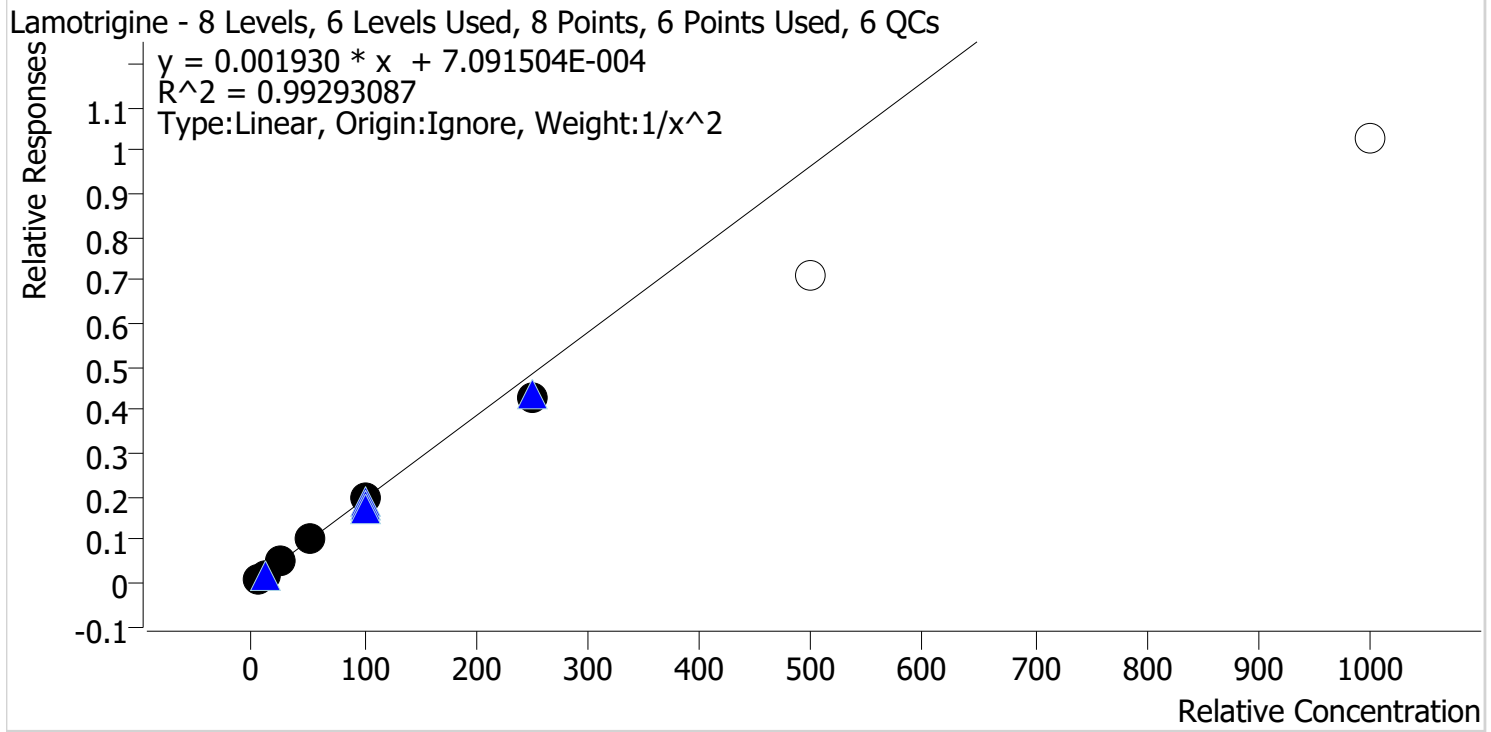
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	495.2	99.0
p1 Cal 8-1000ng	8	✓	1000.0	939.0	93.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.1
p1 Cal 4-50ng	4	✓	50.0	52.2	104.3
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	220.2	88.1
p1 Cal 7-500ng	7	x	500.0	368.4	73.7
p1 Cal 8-1000ng	8	x	1000.0	533.9	53.4

Cal 7-8 dropped due to accuracy

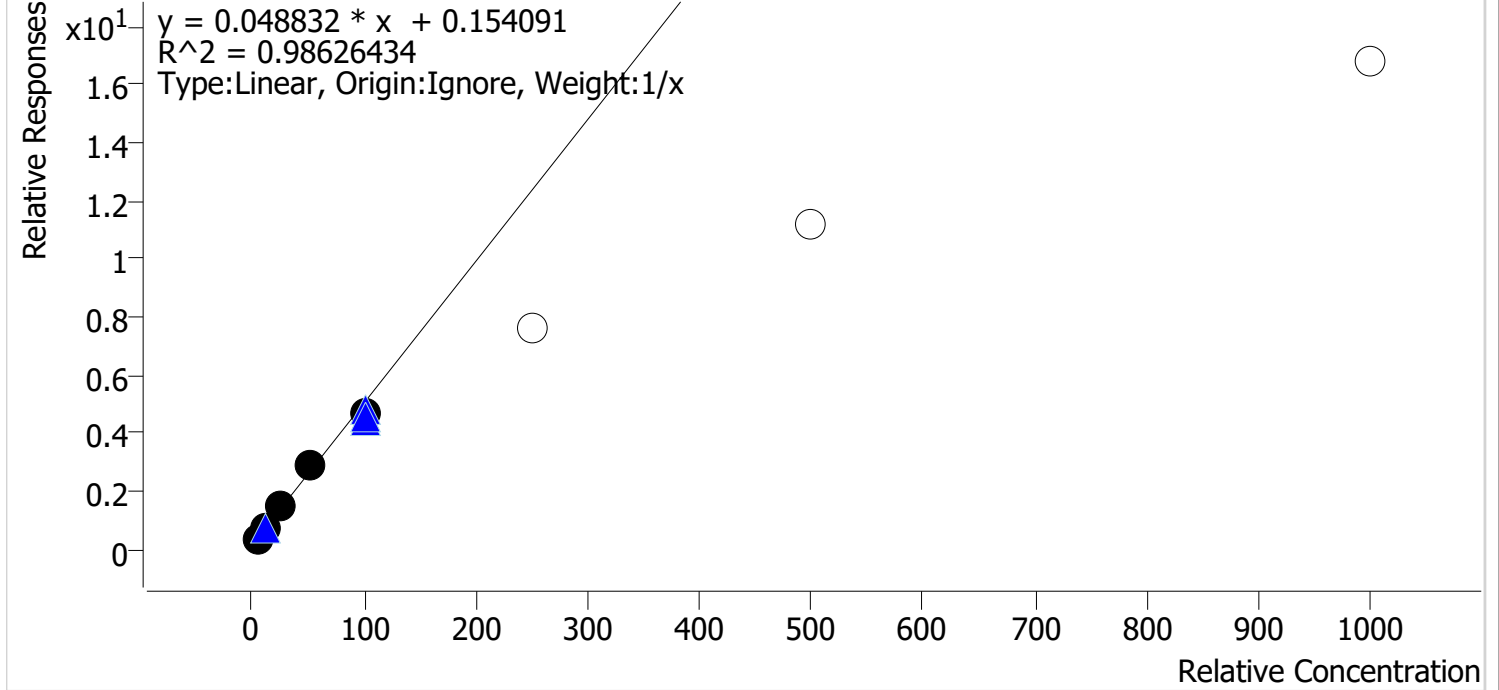
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

Lorazepam - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.0	80.0
p1 Cal 2-10ng	2	✓	10.0	10.5	105.1
p1 Cal 3 -25ng	3	✓	25.0	28.1	112.4
p1 Cal 4-50ng	4	✓	50.0	55.0	110.1
p1 Cal 5-100ng	5	✓	100.0	92.3	92.3
p1 Cal 6-250ng	6	✗	250.0	152.9	61.2
p1 Cal 7-500ng	7	✗	500.0	225.1	45.0
p1 Cal 8-1000ng	8	✗	1000.0	339.9	34.0

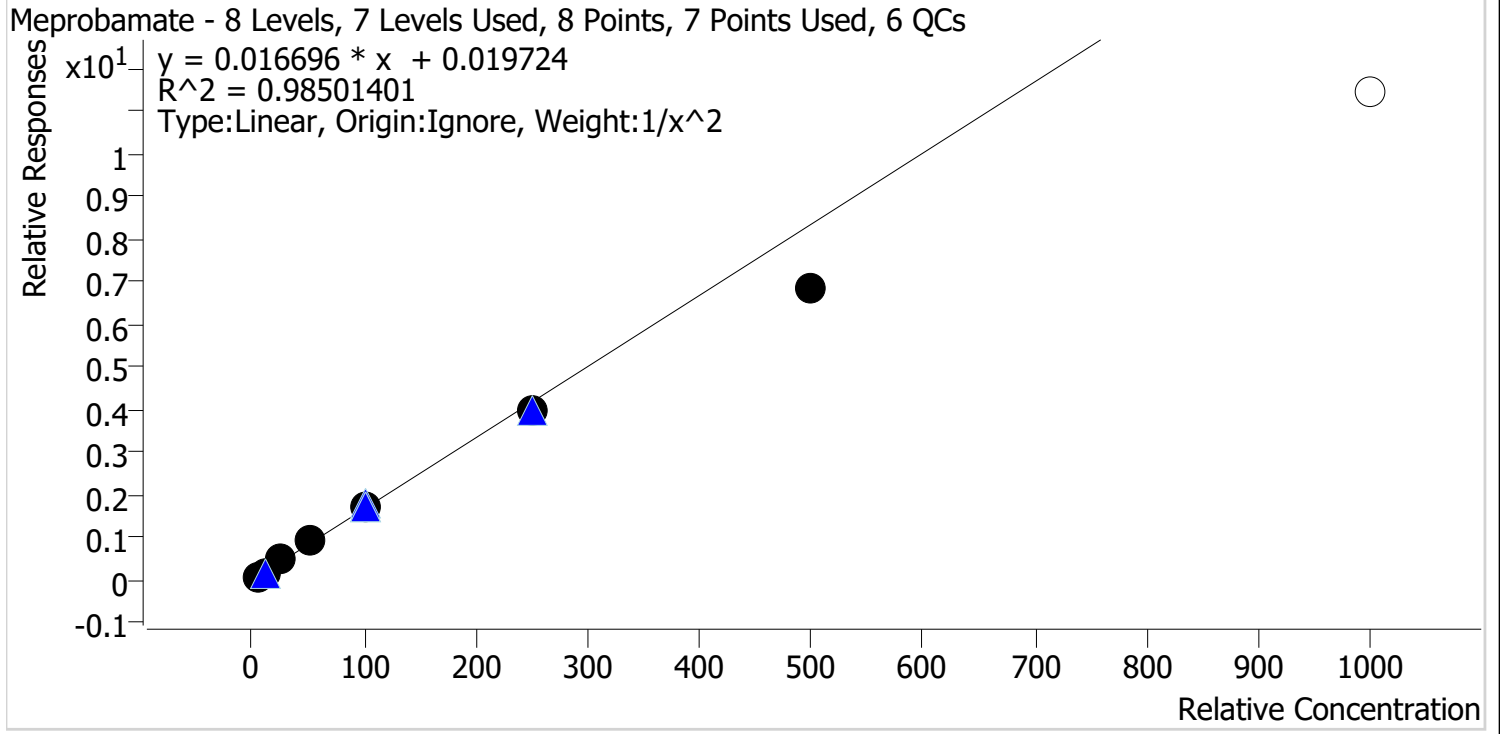
Cal 6-8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	28.1	112.4
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	236.3	94.5
p1 Cal 7-500ng	7	✓	500.0	407.7	81.5
p1 Cal 8-1000ng	8	✗	1000.0	684.1	68.4

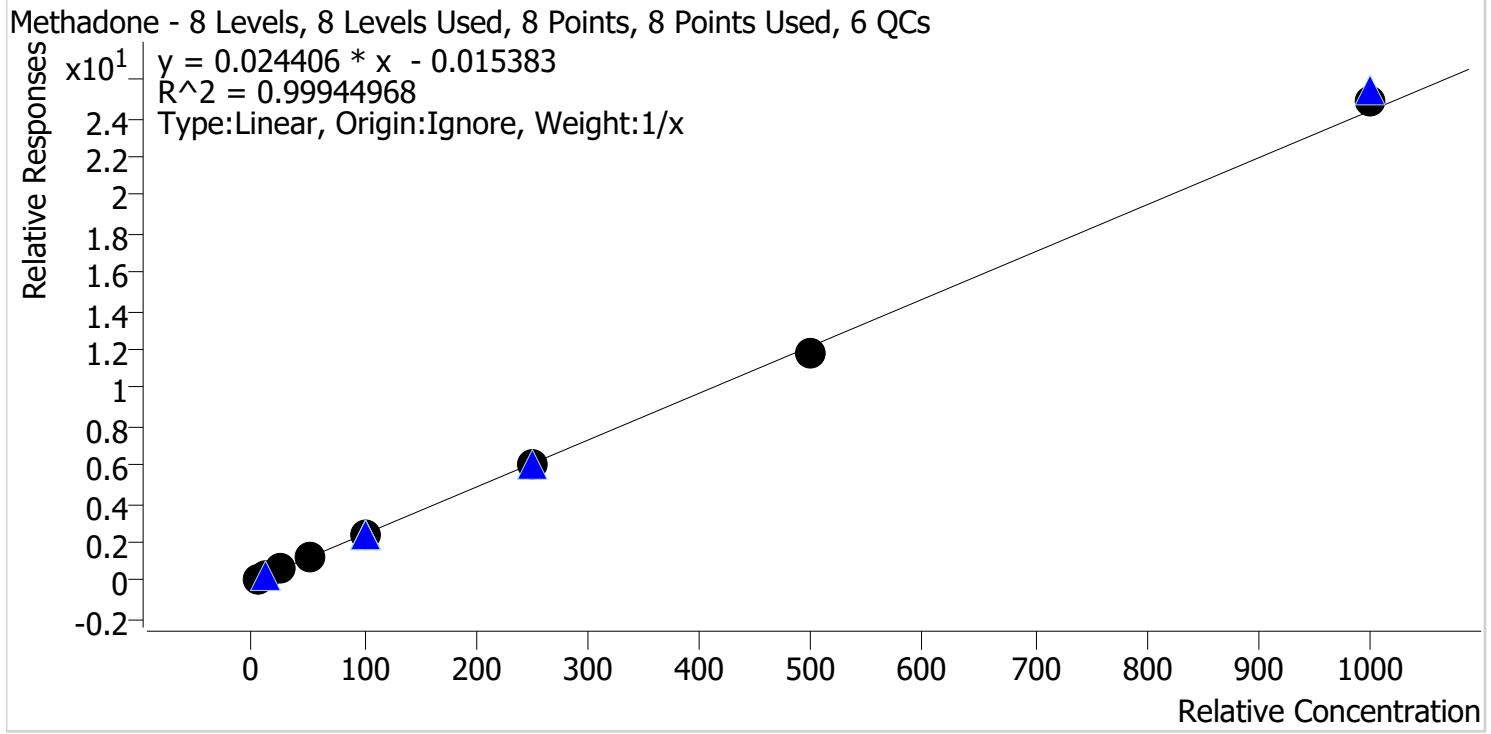
Cal 8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



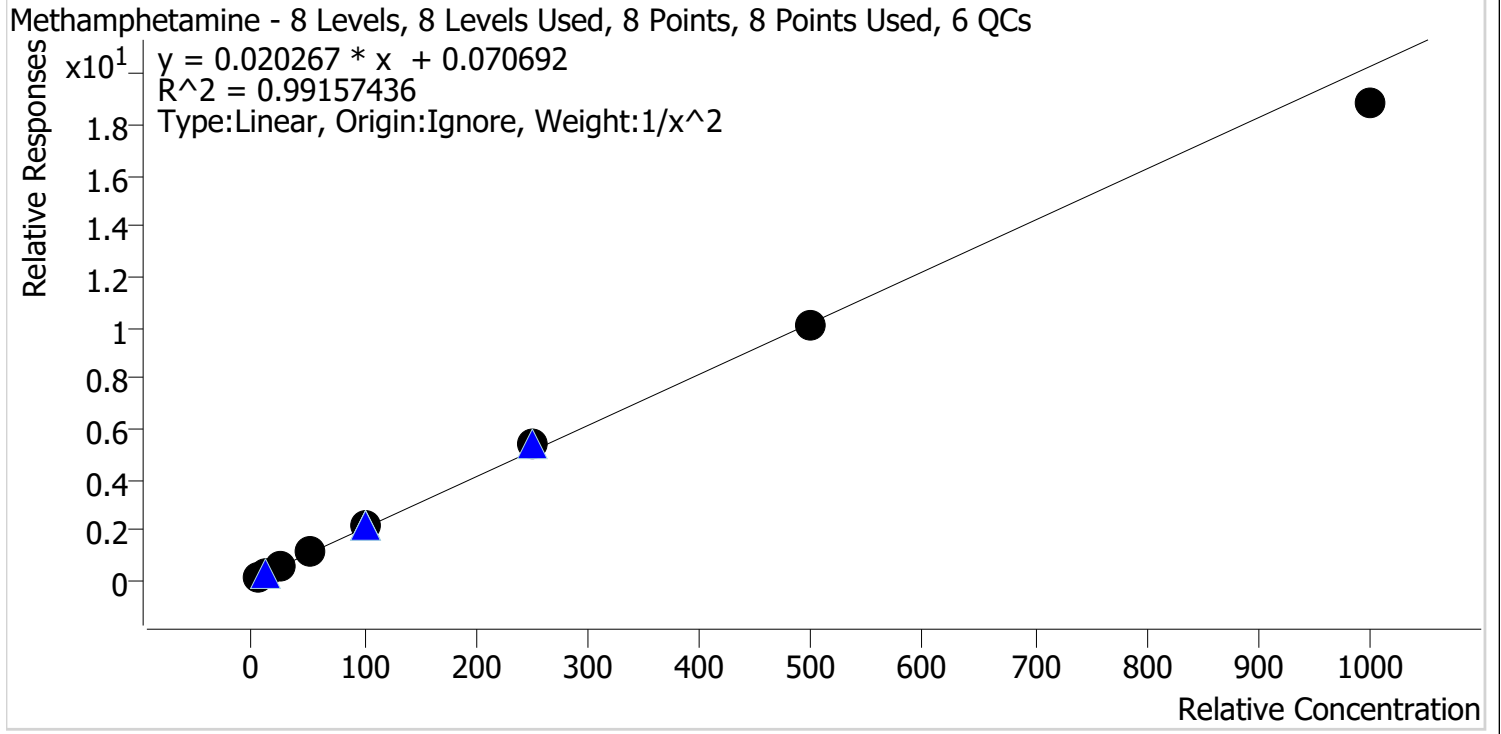
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	48.4	96.9
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	244.8	97.9
p1 Cal 7-500ng	7	✓	500.0	487.6	97.5
p1 Cal 8-1000ng	8	✓	1000.0	1020.7	102.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	107.0
p1 Cal 2-10ng	2	✓	10.0	8.4	83.9
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	262.5	105.0
p1 Cal 7-500ng	7	✓	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✓	1000.0	932.2	93.2

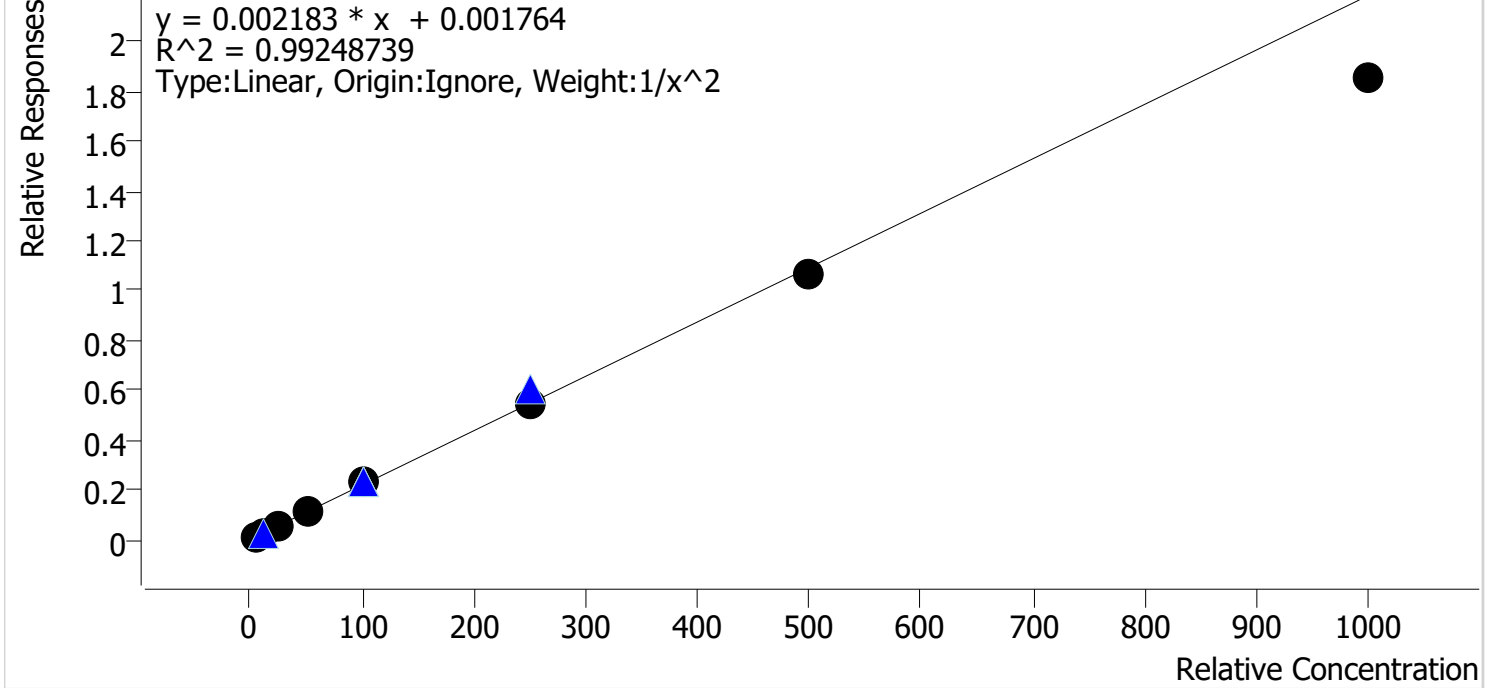
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

Metoprolol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



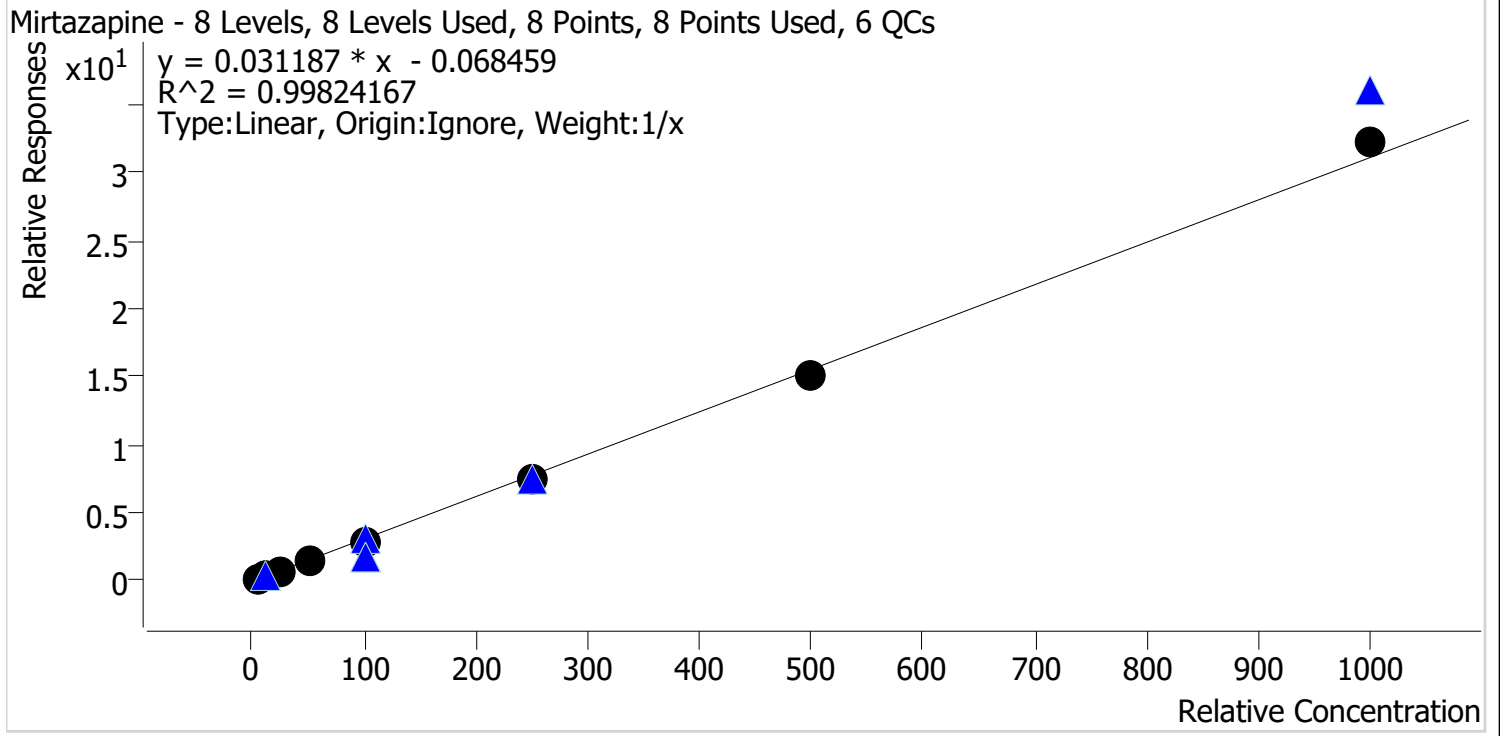
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	487.0	97.4
p1 Cal 8-1000ng	8	✓	1000.0	849.8	85.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



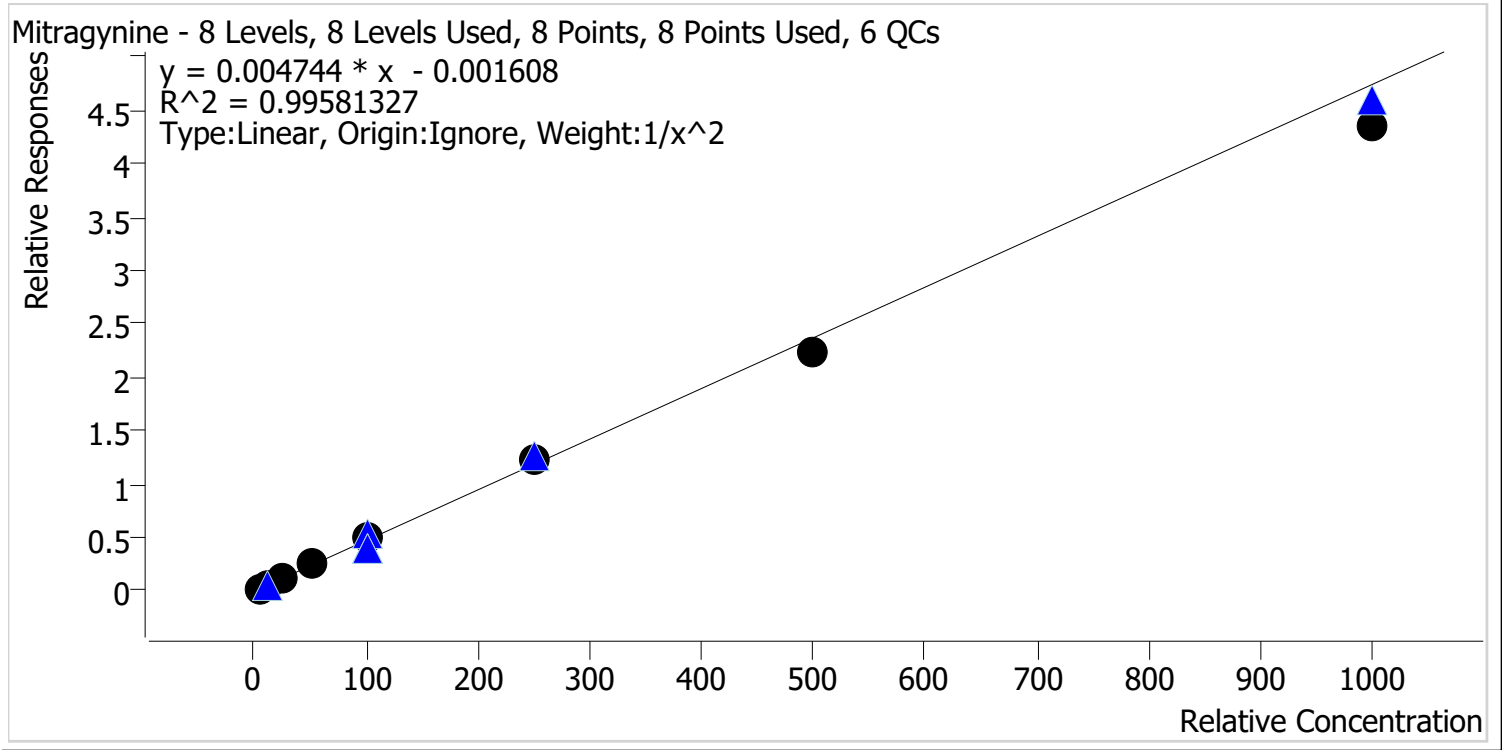
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.1	122.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	22.2	88.8
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	91.8	91.8
p1 Cal 6-250ng	6	✓	250.0	241.5	96.6
p1 Cal 7-500ng	7	✓	500.0	485.5	97.1
p1 Cal 8-1000ng	8	✓	1000.0	1033.7	103.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



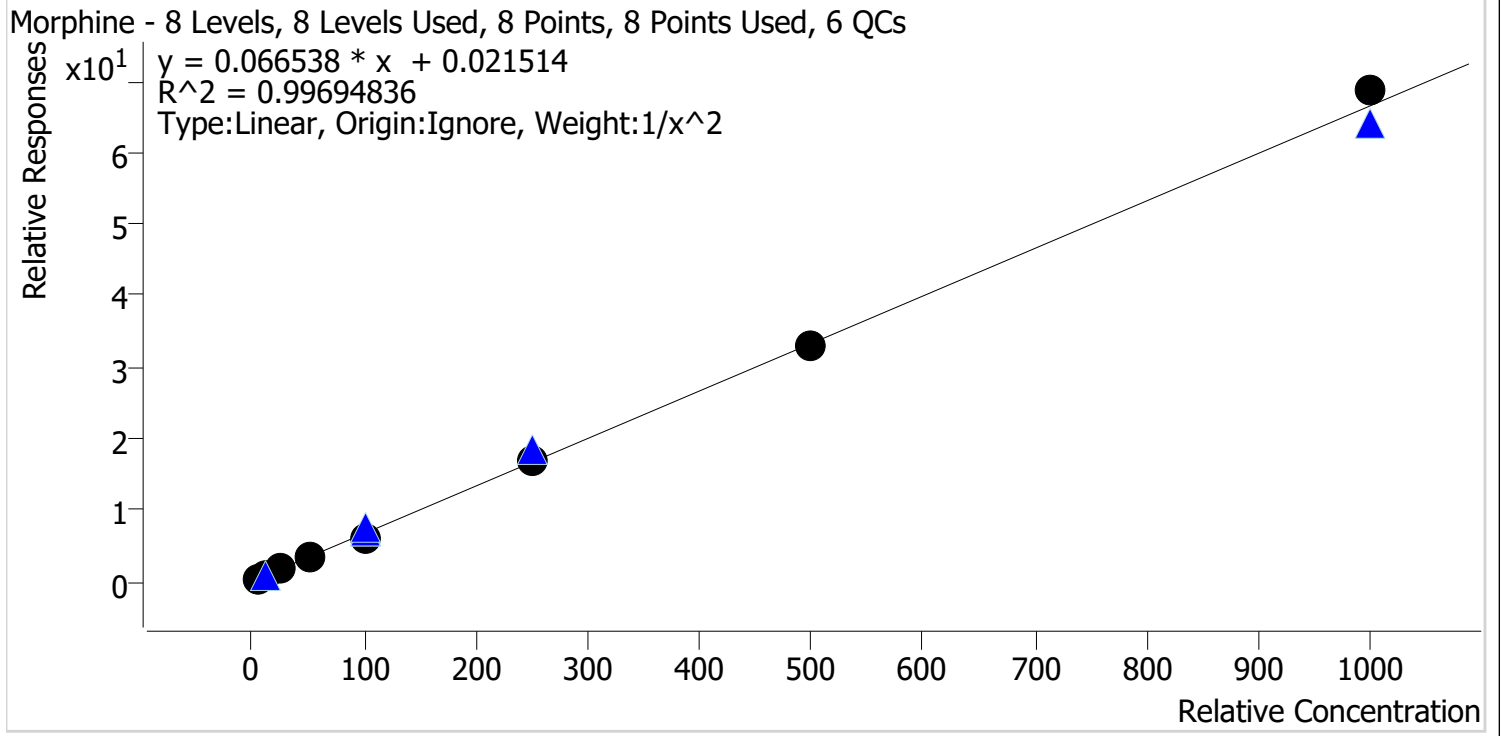
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.4	104.5
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	261.3	104.5
p1 Cal 7-500ng	7	✓	500.0	468.7	93.7
p1 Cal 8-1000ng	8	✓	1000.0	916.4	91.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	51.6	103.1
p1 Cal 5-100ng	5	✓	100.0	89.6	89.6
p1 Cal 6-250ng	6	✓	250.0	256.4	102.6
p1 Cal 7-500ng	7	✓	500.0	495.6	99.1
p1 Cal 8-1000ng	8	✓	1000.0	1032.2	103.2

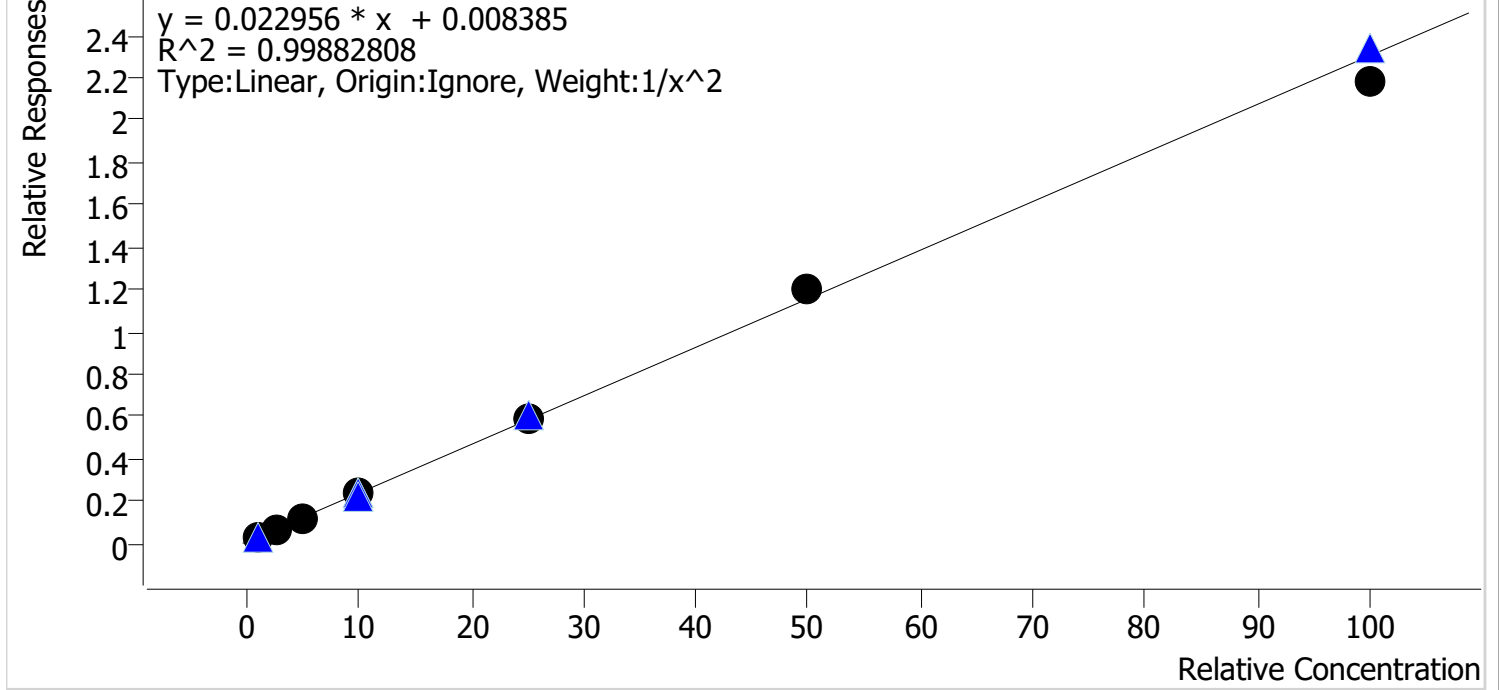
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2-10ng	2	✓	1.0	1.0	100.0
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.5
p1 Cal 4-50ng	4	✓	5.0	5.0	101.0
p1 Cal 5-100ng	5	✓	10.0	9.9	99.1
p1 Cal 6-250ng	6	✓	25.0	25.6	102.5
p1 Cal 7-500ng	7	✓	50.0	51.8	103.5
p1 Cal 8-1000ng	8	✓	100.0	94.4	94.4

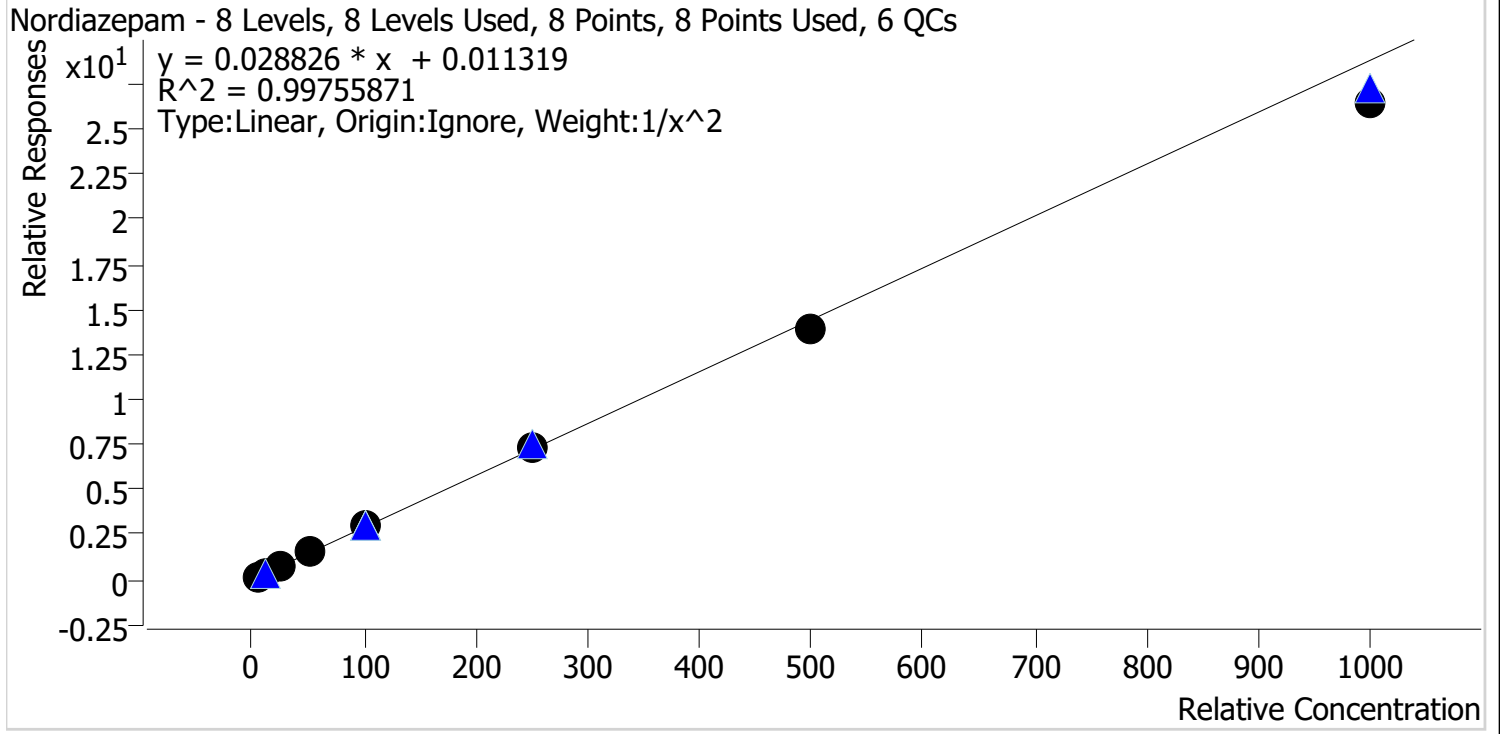
Cal 1 dropped due to ratio

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



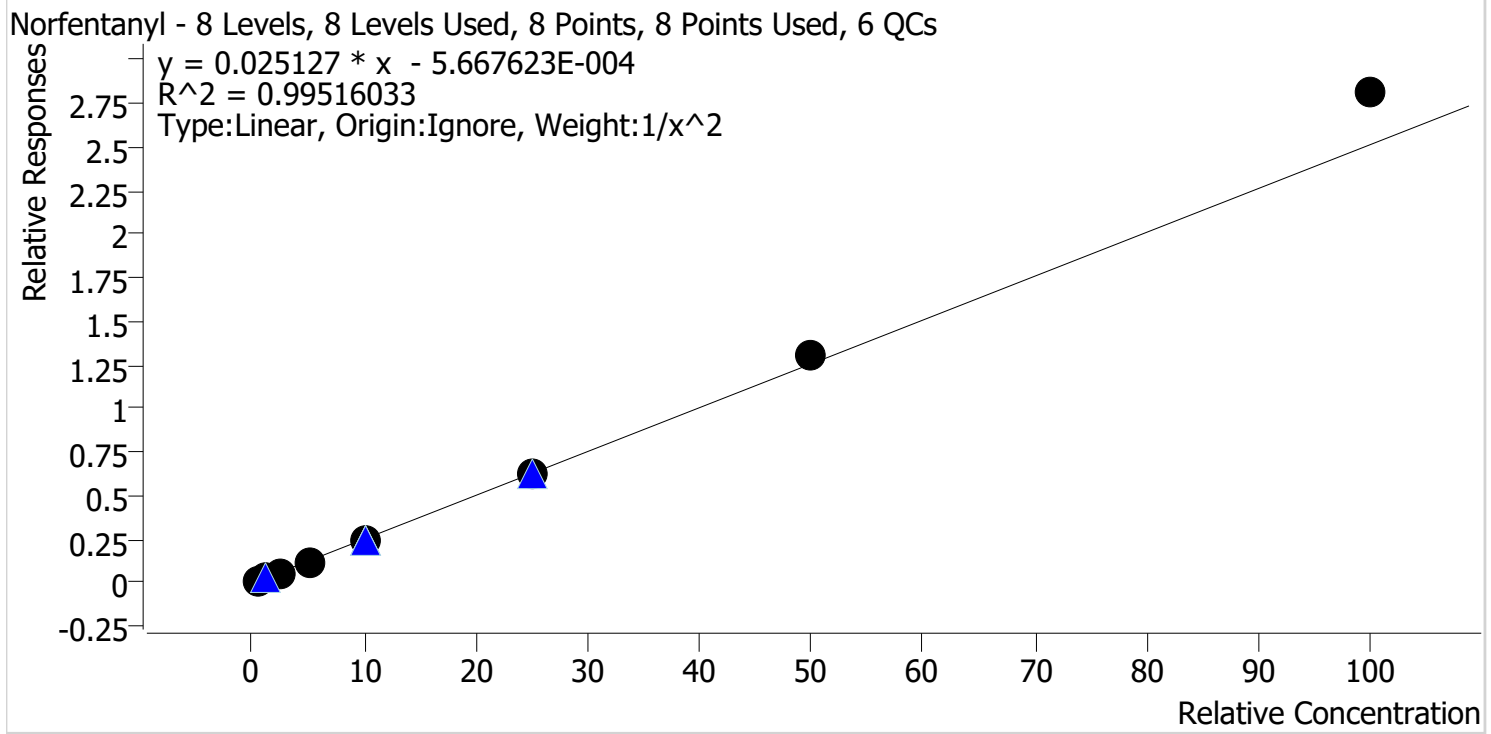
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	255.8	102.3
p1 Cal 7-500ng	7	✓	500.0	484.7	96.9
p1 Cal 8-1000ng	8	✓	1000.0	914.6	91.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.0
p1 Cal 2-10ng	2	✓	1.0	1.0	95.1
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.5
p1 Cal 4-50ng	4	✓	5.0	4.7	94.4
p1 Cal 5-100ng	5	✓	10.0	9.7	97.0
p1 Cal 6-250ng	6	✓	25.0	24.7	98.6
p1 Cal 7-500ng	7	✓	50.0	51.8	103.5
p1 Cal 8-1000ng	8	✓	100.0	111.9	111.9

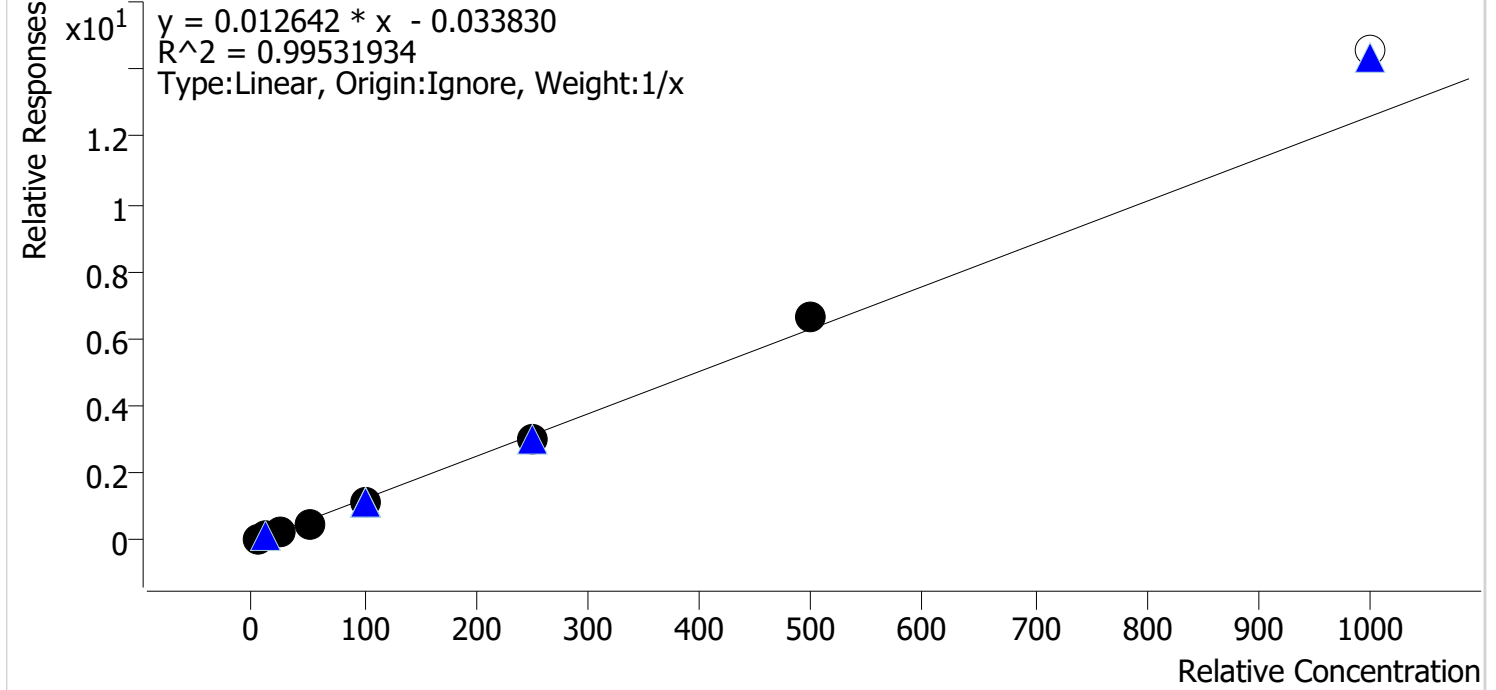
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

Norhydrocodone - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.5	129.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	21.9	87.5
p1 Cal 4-50ng	4	✓	50.0	43.0	86.0
p1 Cal 5-100ng	5	✓	100.0	93.1	93.1
p1 Cal 6-250ng	6	✓	250.0	240.9	96.4
p1 Cal 7-500ng	7	✓	500.0	524.4	104.9
p1 Cal 8-1000ng	8	x	1000.0	1154.6	115.5

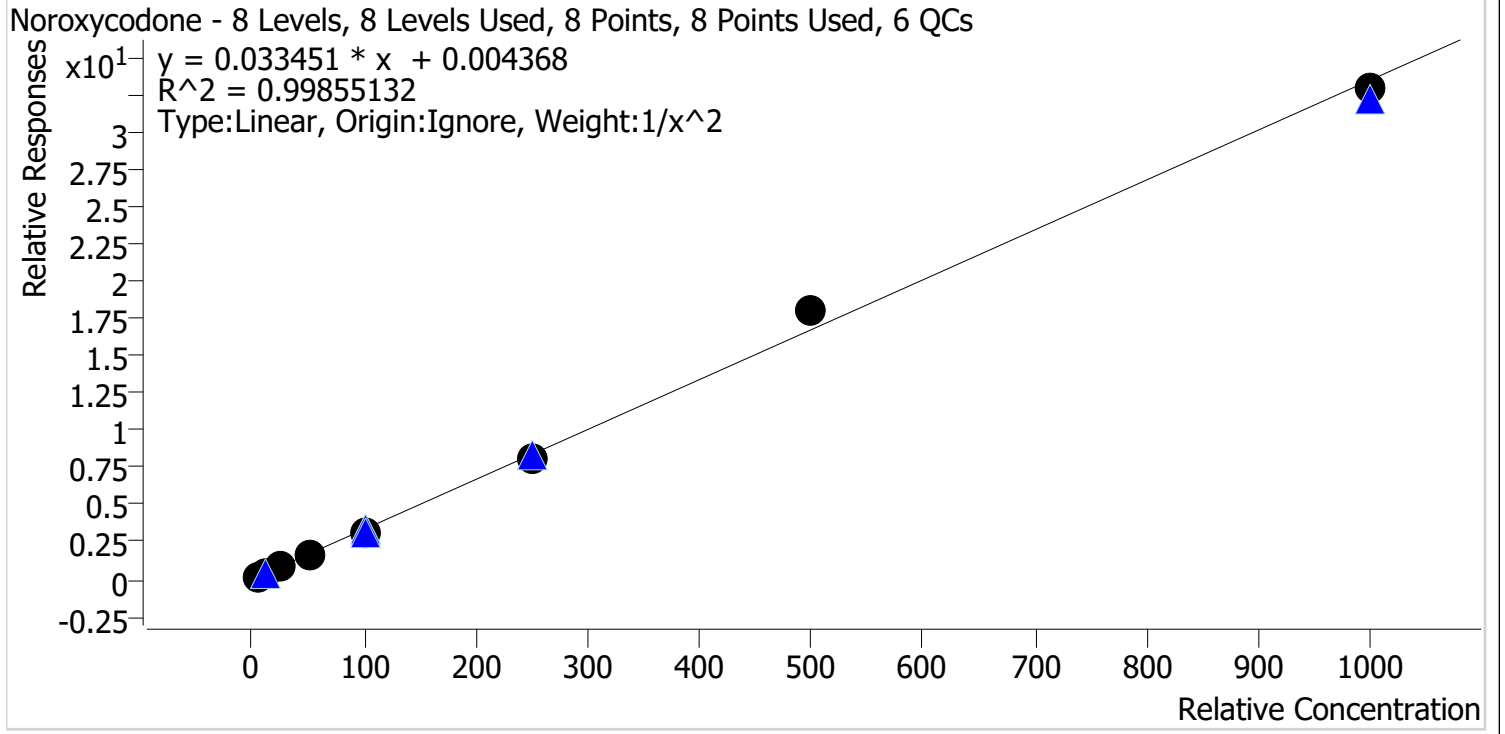
Cal 8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	244.1	97.6
p1 Cal 7-500ng	7	✓	500.0	537.2	107.4
p1 Cal 8-1000ng	8	✓	1000.0	983.1	98.3

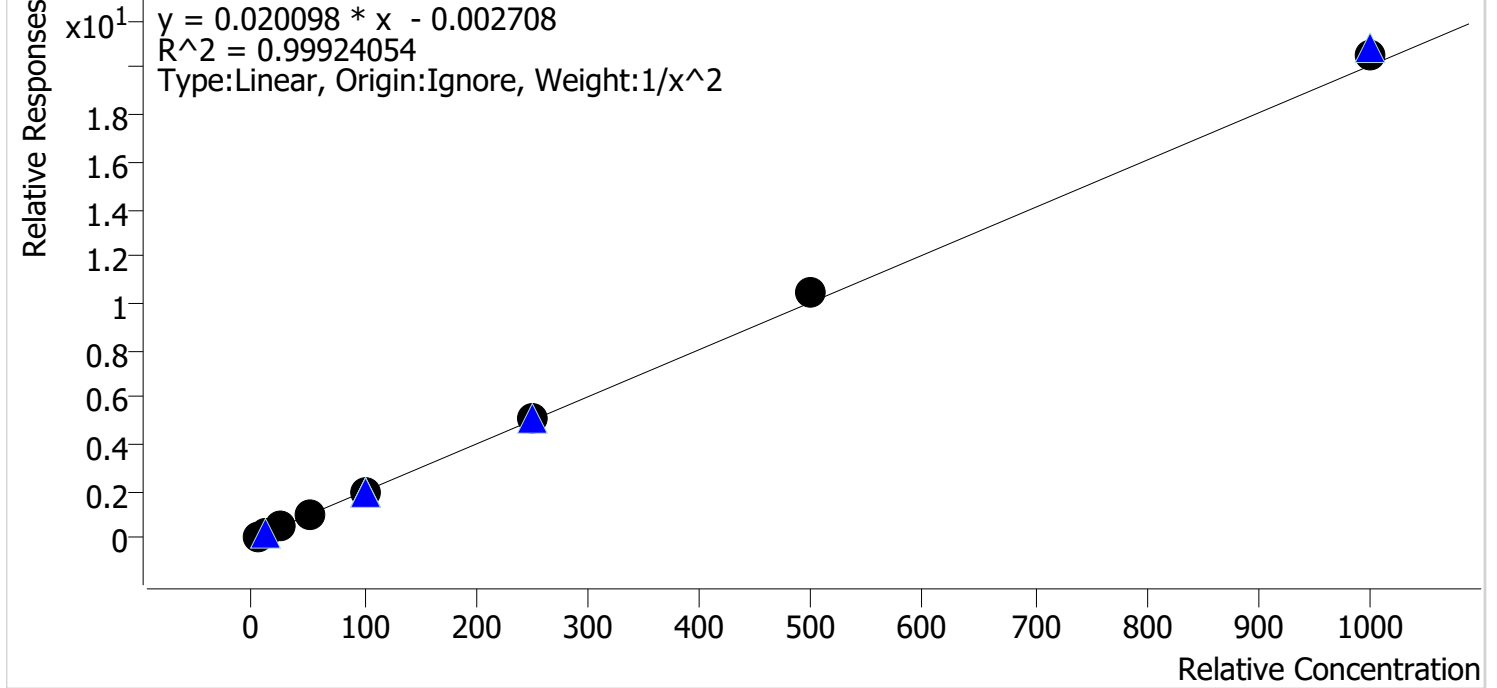
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
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, 6 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	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	517.3	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1019.9	102.0

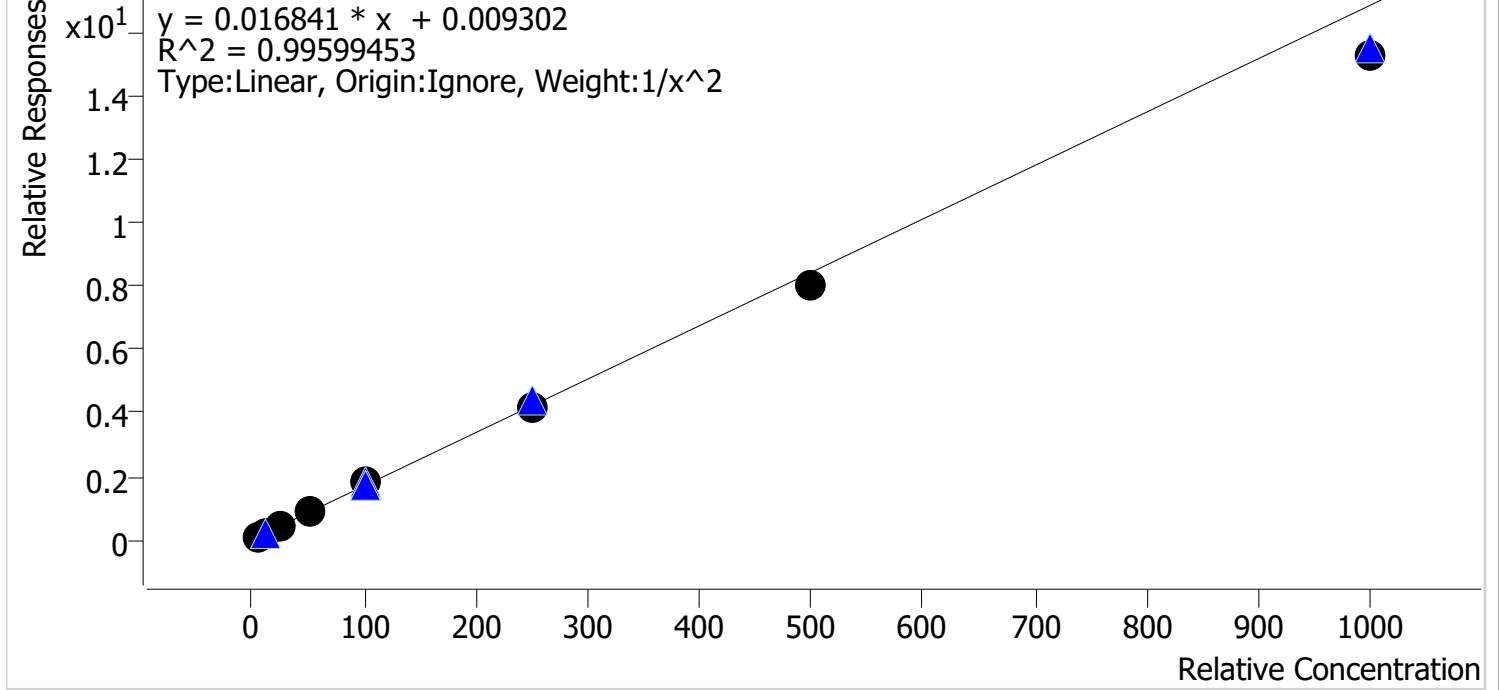
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Oxazepam Internal Standard Oxazepam-D5

Oxazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



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	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	247.9	99.1
p1 Cal 7-500ng	7	✓	500.0	474.6	94.9
p1 Cal 8-1000ng	8	✓	1000.0	906.7	90.7

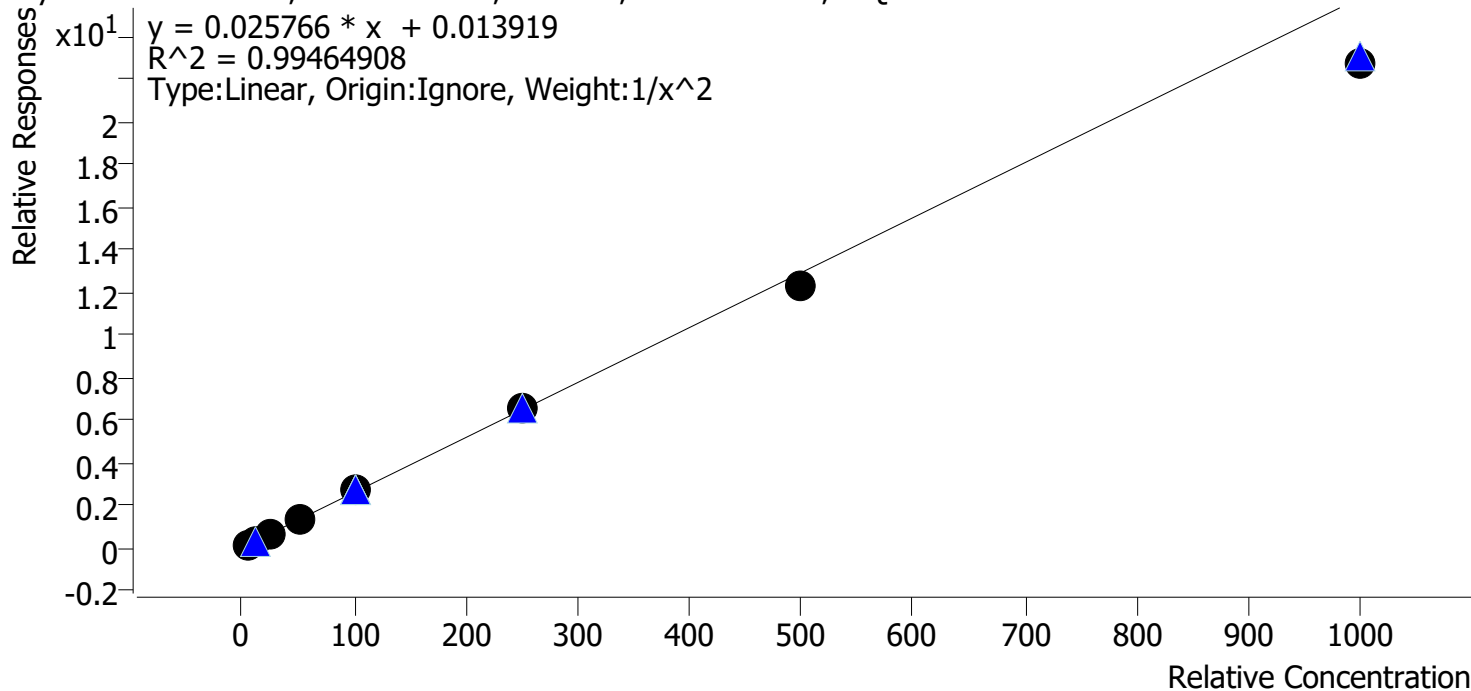
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

Oxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



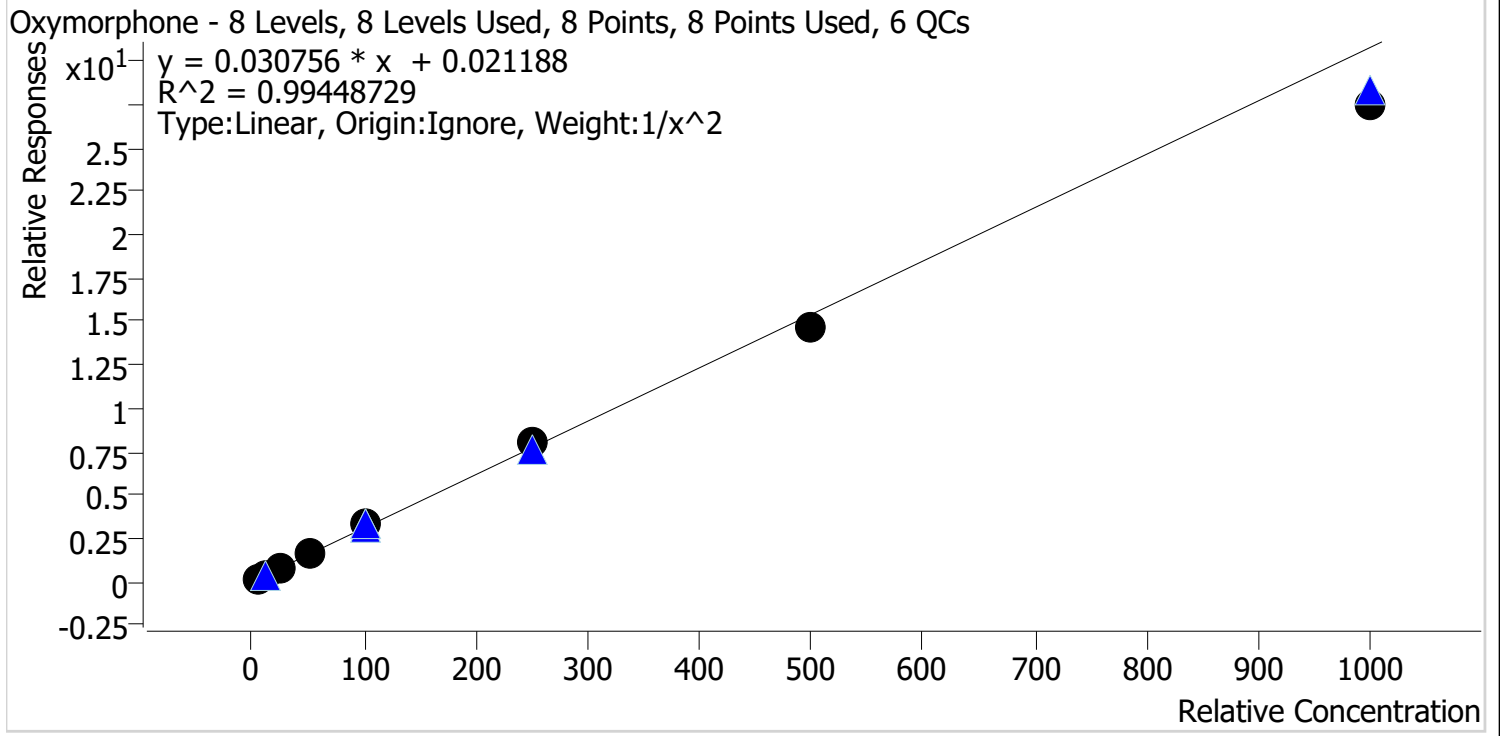
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.2
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	476.1	95.2
p1 Cal 8-1000ng	8	✓	1000.0	878.7	87.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



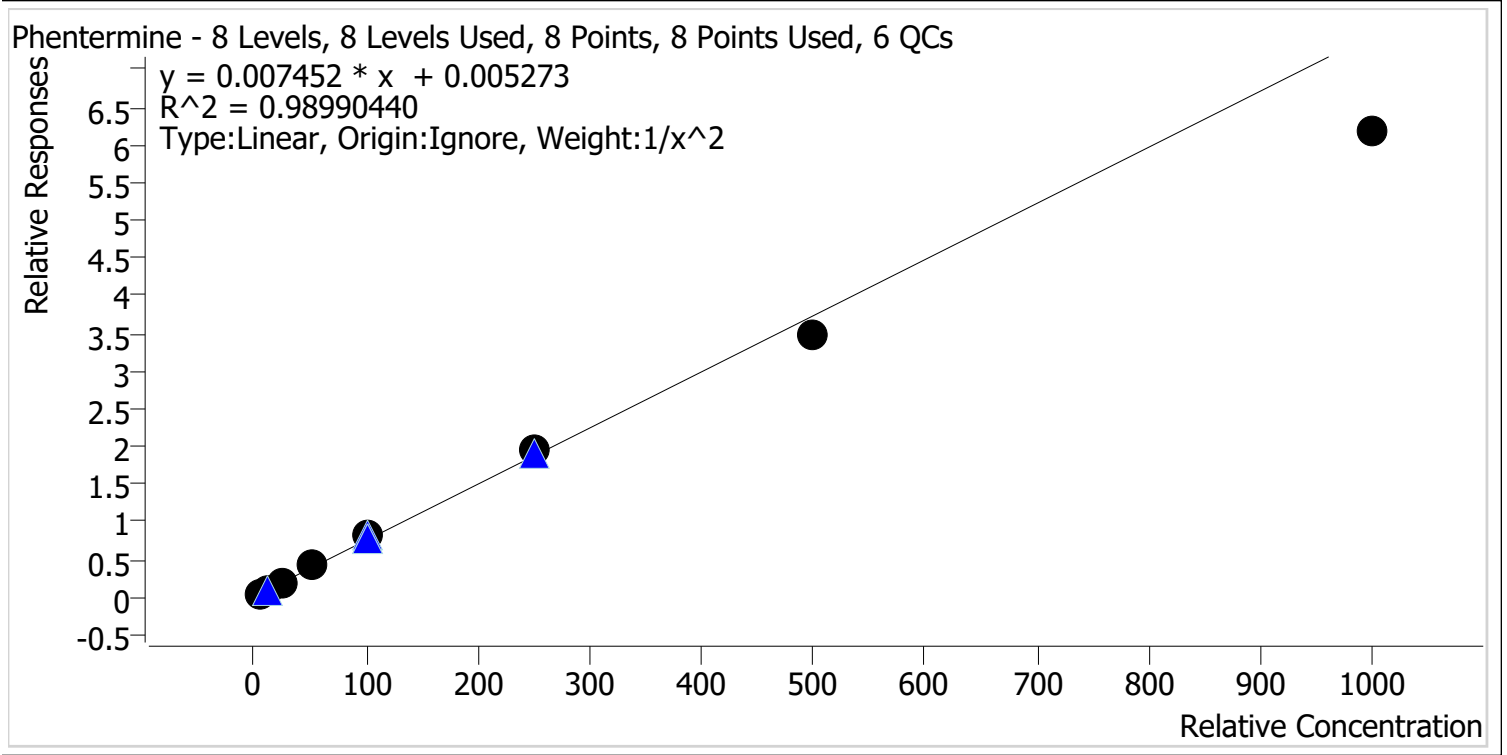
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	109.3	109.3
p1 Cal 6-250ng	6	✓	250.0	263.1	105.2
p1 Cal 7-500ng	7	✓	500.0	476.1	95.2
p1 Cal 8-1000ng	8	✓	1000.0	892.8	89.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



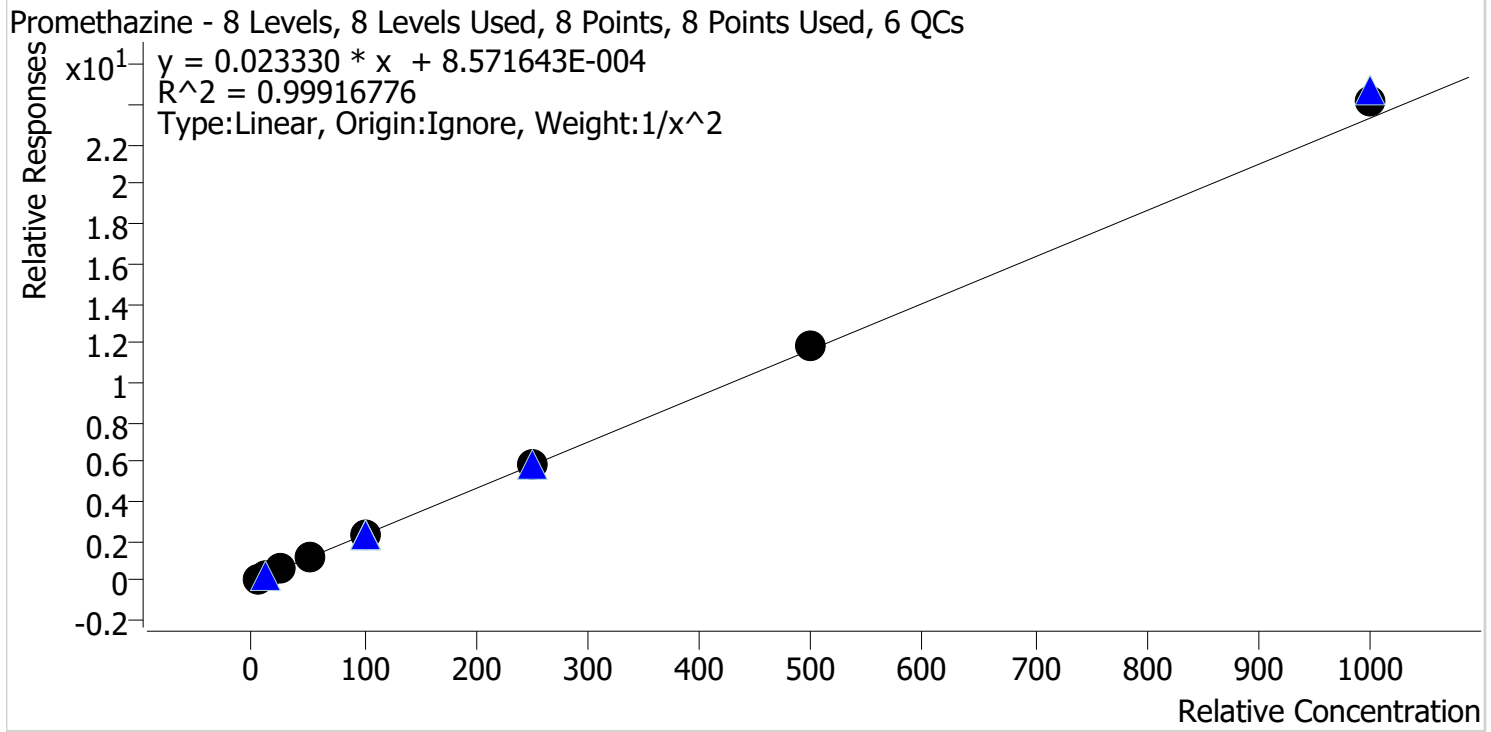
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
p1 Cal 6-250ng	6	✓	250.0	258.7	103.5
p1 Cal 7-500ng	7	✓	500.0	463.7	92.7
p1 Cal 8-1000ng	8	✓	1000.0	829.9	83.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



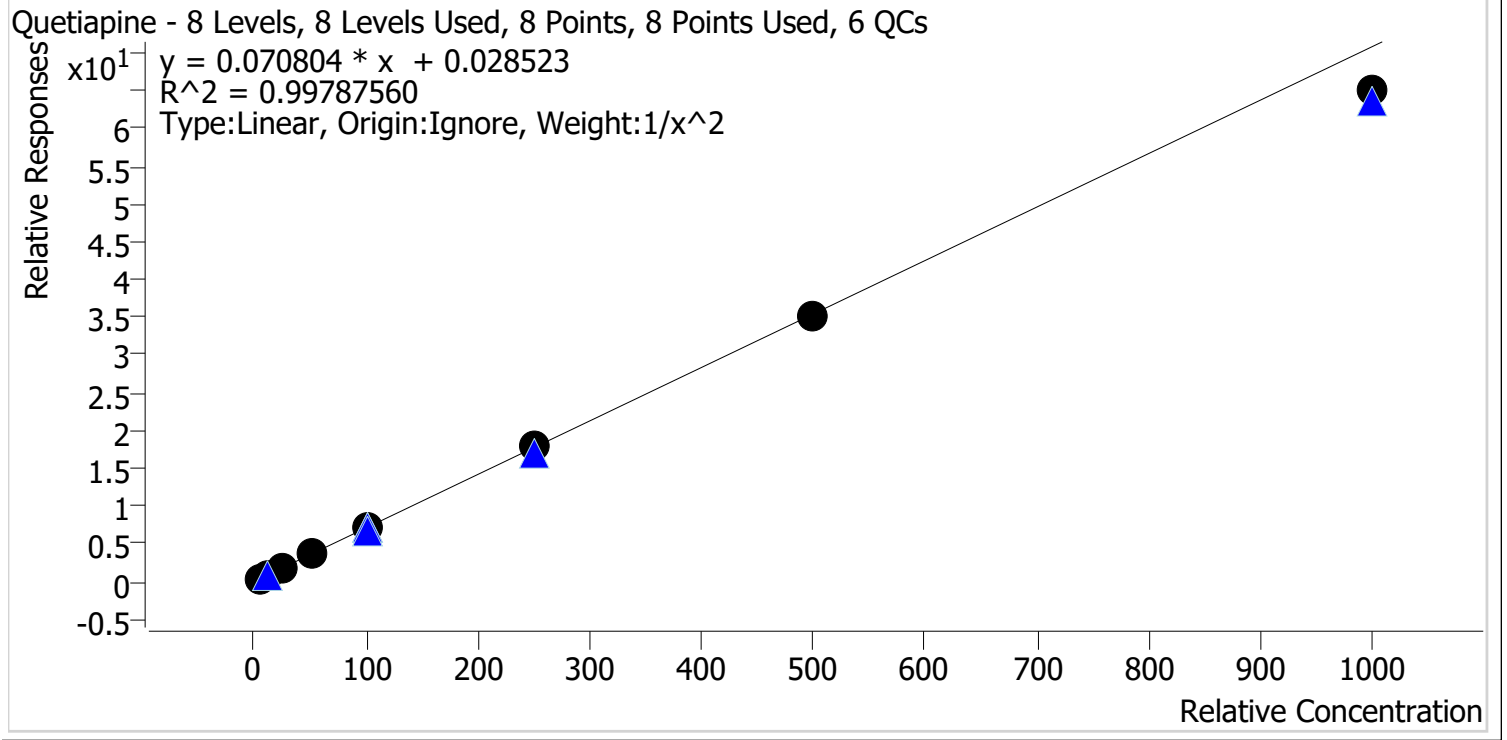
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	504.7	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1033.7	103.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



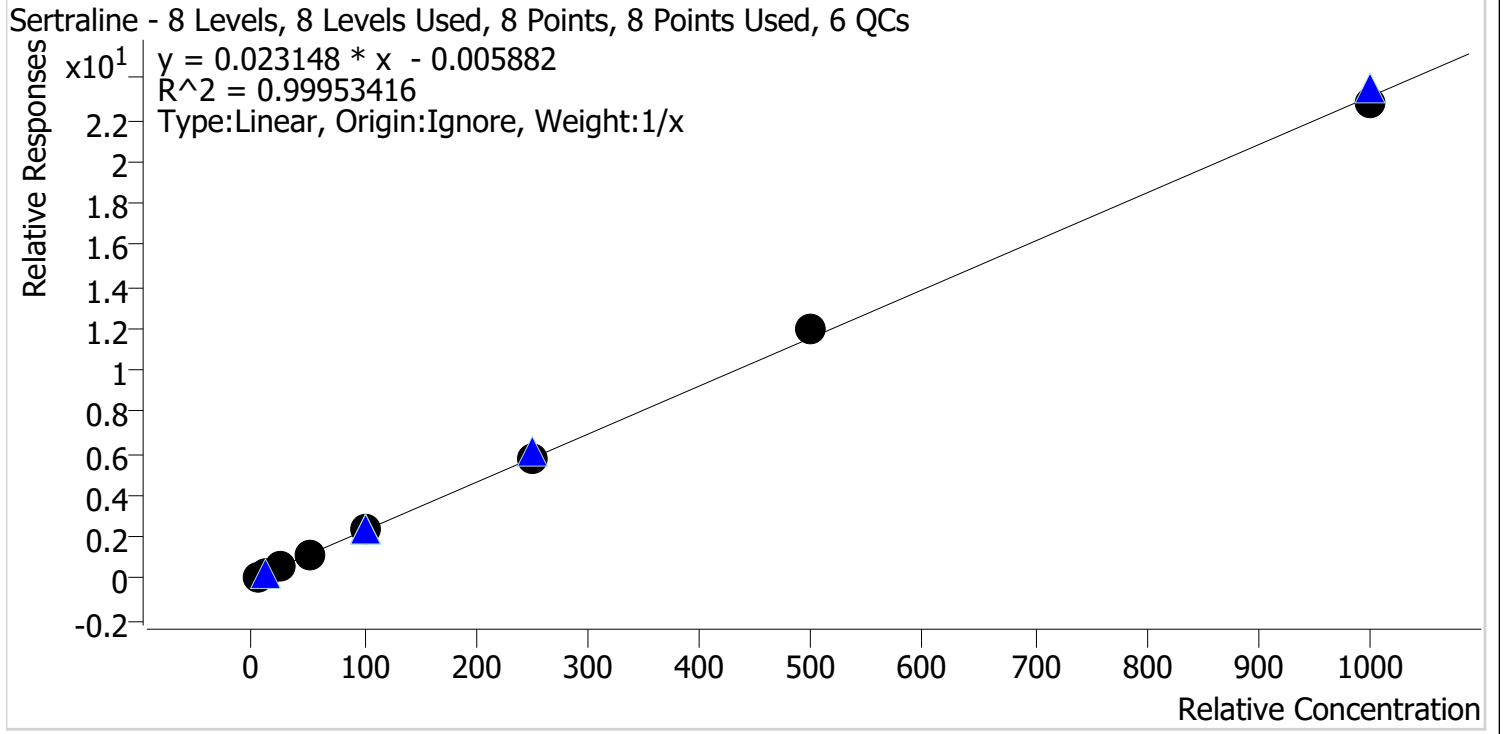
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.0
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	498.2	99.6
p1 Cal 8-1000ng	8	✓	1000.0	917.8	91.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



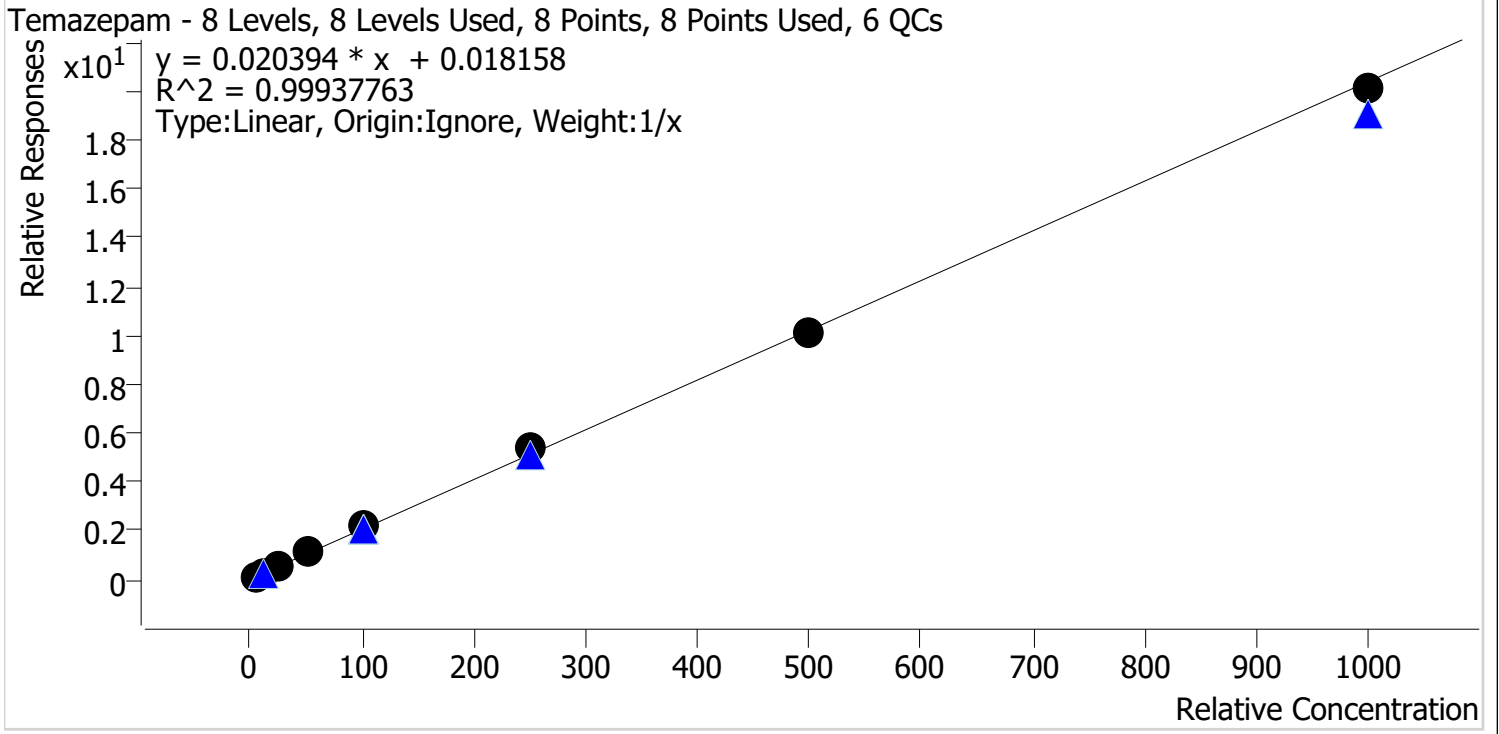
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	91.6
p1 Cal 2-10ng	2	✓	10.0	10.5	105.1
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	246.8	98.7
p1 Cal 7-500ng	7	✓	500.0	516.0	103.2
p1 Cal 8-1000ng	8	✓	1000.0	986.0	98.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



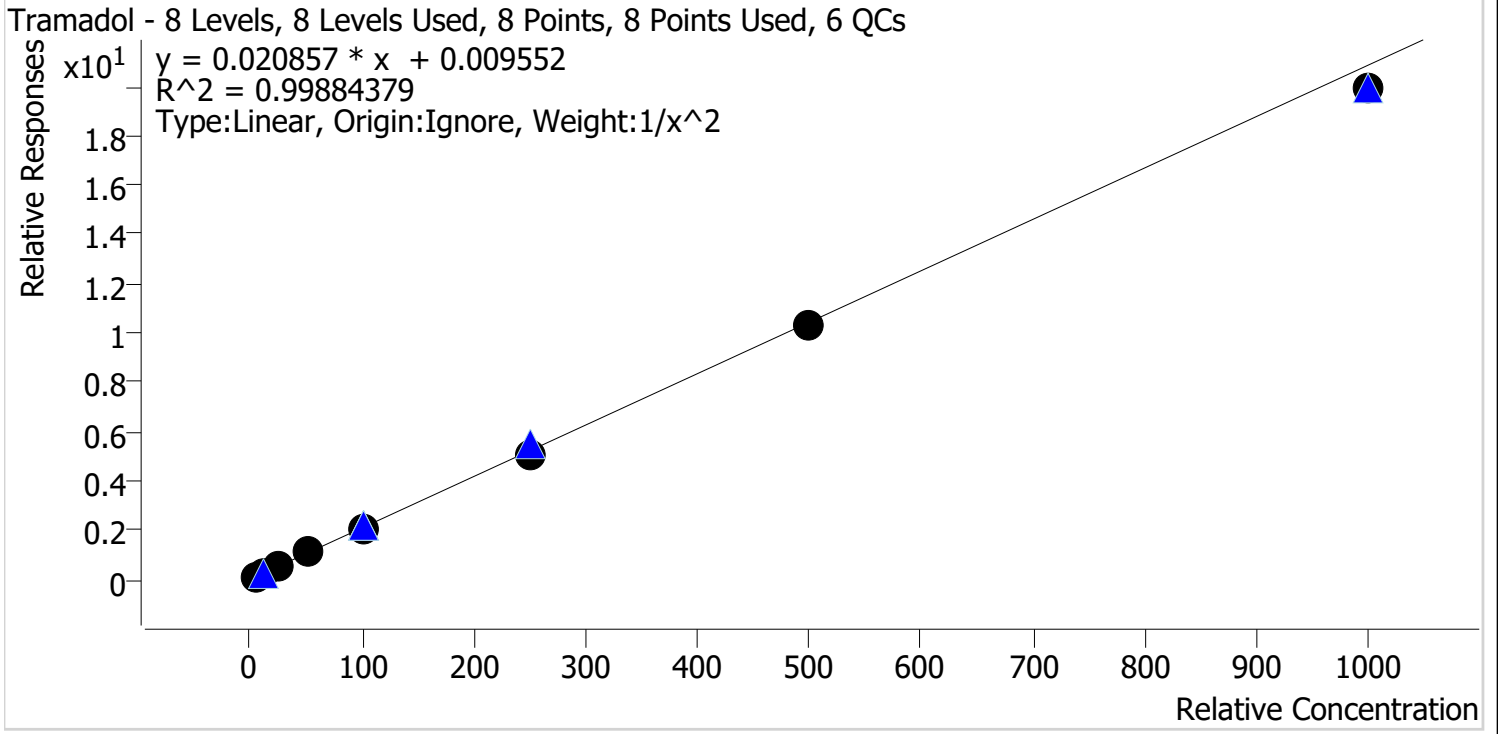
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.4	88.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	260.7	104.3
p1 Cal 7-500ng	7	✓	500.0	496.5	99.3
p1 Cal 8-1000ng	8	✓	1000.0	986.1	98.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



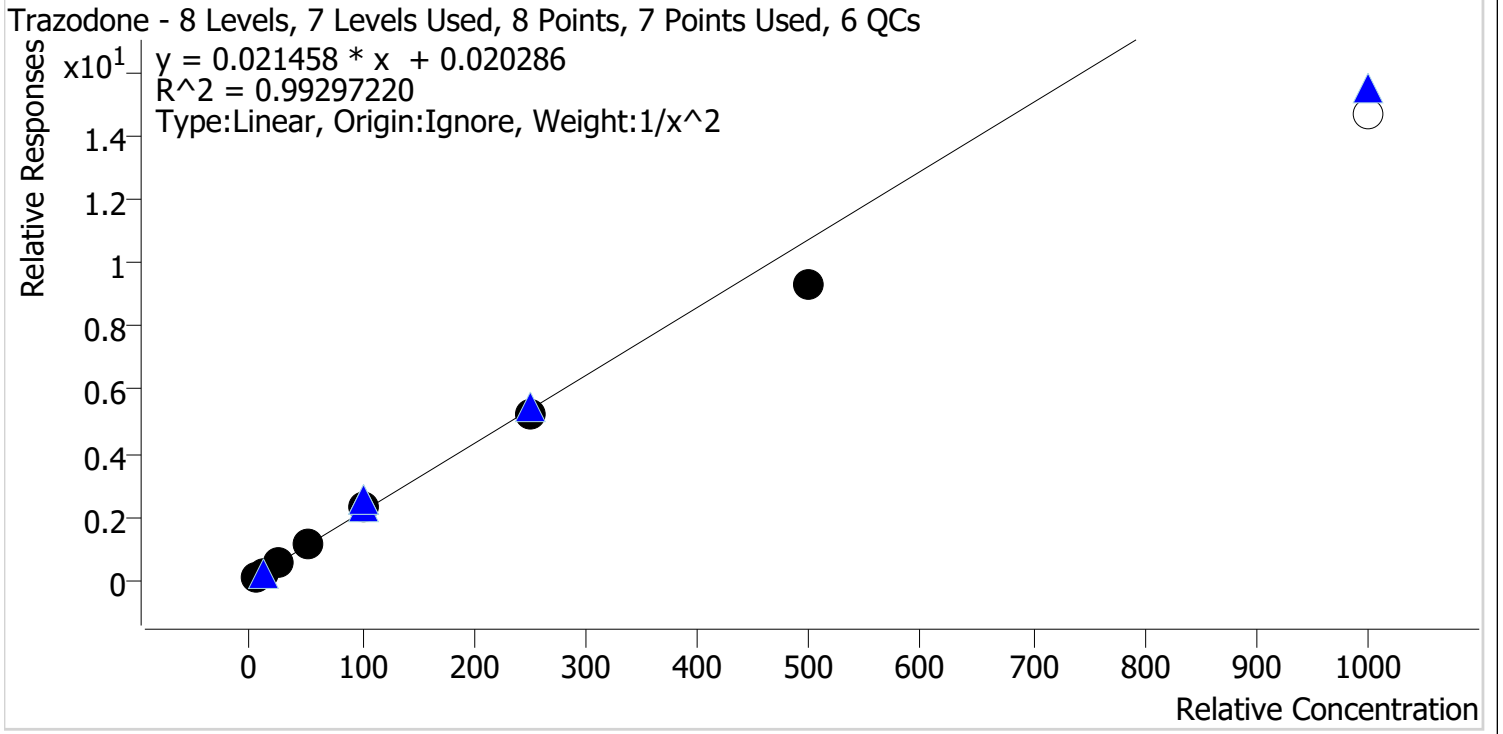
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	244.5	97.8
p1 Cal 7-500ng	7	✓	500.0	496.8	99.4
p1 Cal 8-1000ng	8	✓	1000.0	954.4	95.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	244.0	97.6
p1 Cal 7-500ng	7	✓	500.0	432.4	86.5
p1 Cal 8-1000ng	8	✗	1000.0	684.3	68.4

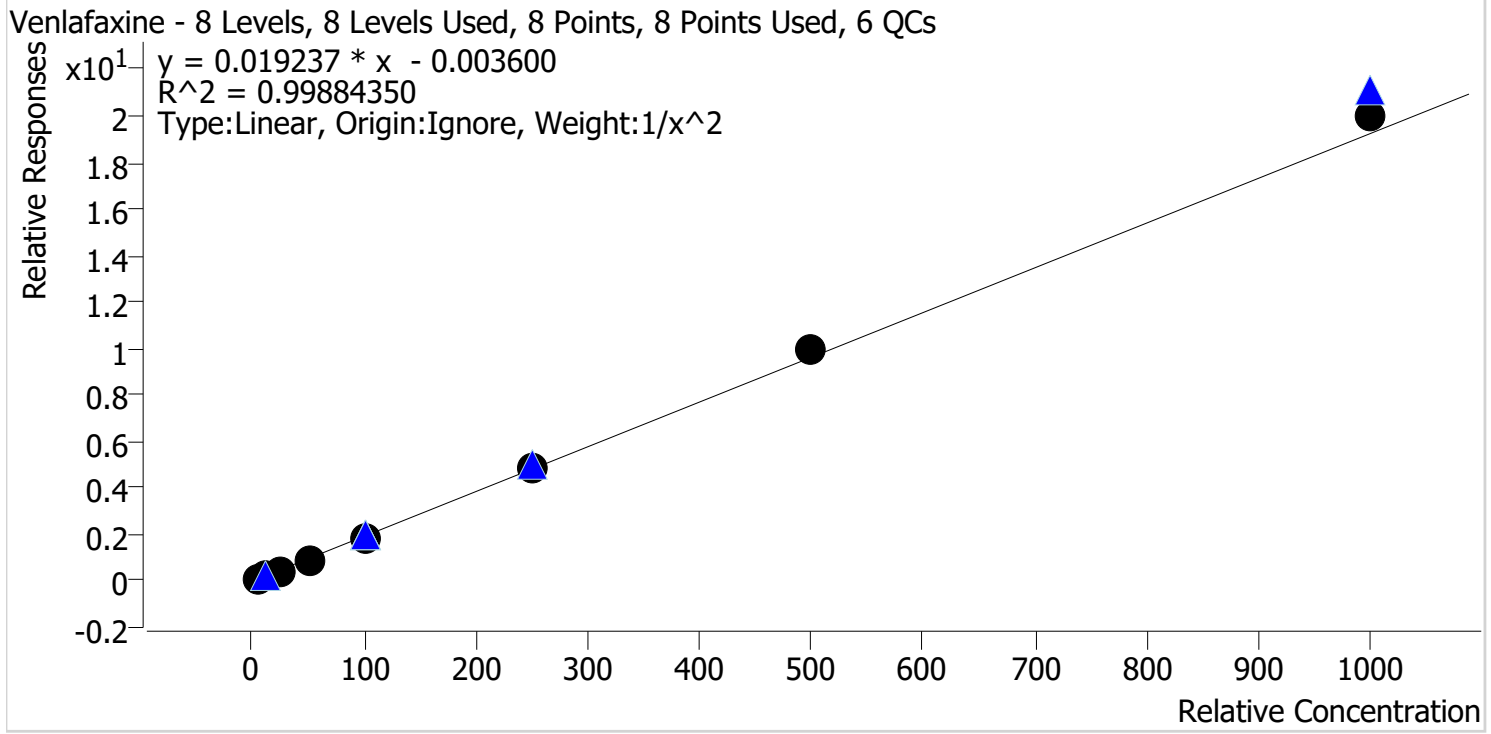
Cal 8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.0
p1 Cal 4-50ng	4	✓	50.0	48.4	96.9
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	513.6	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1038.0	103.8

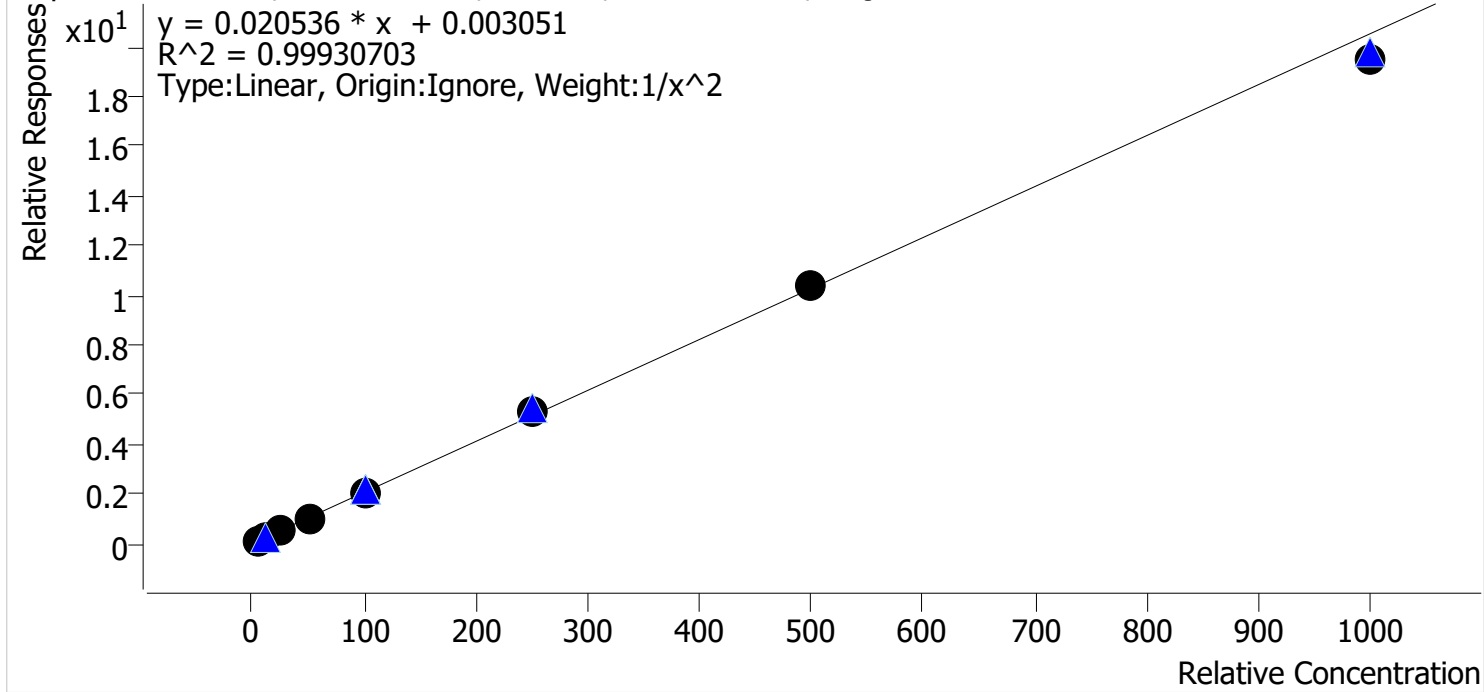
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 7/6/2022 12:00 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

Zolpidem - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	505.7	101.1
p1 Cal 8-1000ng	8	✓	1000.0	951.6	95.2

SC

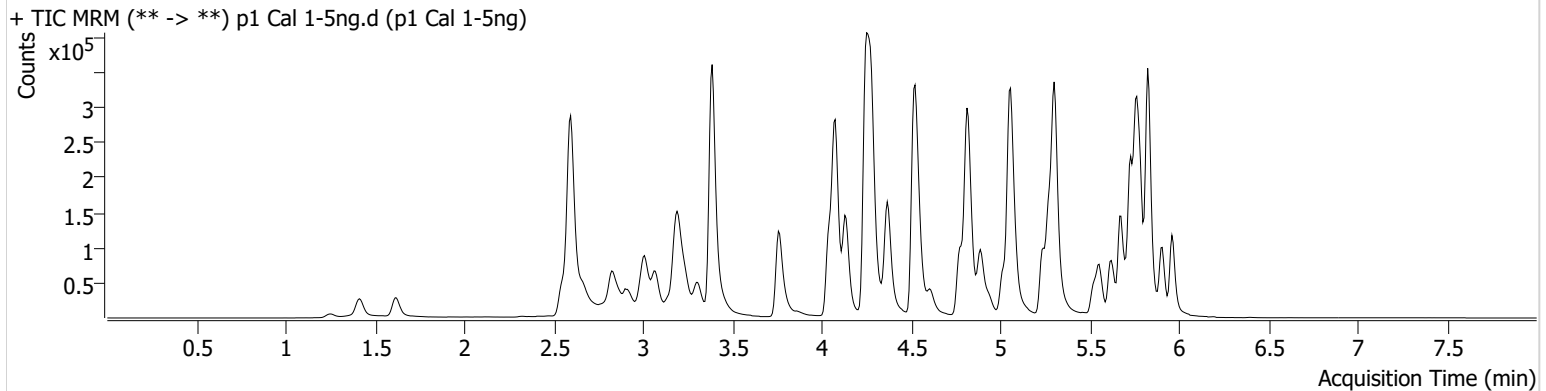


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-H12	Comment	
Injection Volume	2		
Acq. Date-Time	7/1/2022 6:44:39 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.154	957	1509.35	62.3	638.69	42424	0.5093 ng/ml
7-aminoclonazepam	4.263	17000	928.74	70.2	123.19	121182	4.9179 ng/ml
a-hydroxyalprazolam	5.706	8985	163.98	68.8	3149.76	218256	4.8558 ng/ml
alpha-PHP	4.936	11446	453.39	270.4	1108.13	345080	5.1036 ng/ml
alpha-PVP	4.375	45328	3230.71	51.6	397.78	345080	5.0421 ng/ml
Alprazolam	5.789	31233	447.47	105.6	243.97	218256	5.1023 ng/ml
Amphetamine	3.071	62465	1430.42	49.8	215.56	134989	3.6544 ng/ml
Benzoylecgonine	3.890	1472	44.27	8.6	18.73	8309	5.1614 ng/ml
Buprenorphine	5.683	470	253.62	14.4	117.84	38560	0.4950 ng/ml
Bupropion	4.787	33692	309.65	67.8	860.59	231641	5.0148 ng/ml
Carisoprodol	5.737	36380	65480.23	63.2	274.22	342724	5.6211 ng/ml
Citalopram	5.239	22475	830.07	33.4	321.29	202645	5.0725 ng/ml
Clonazepam	5.619	35753	1364.80	33.4	905.12	92530	4.8162 ng/ml
Clonazepam	5.563	23068	60046.49	34.5	2457.89	92530	4.9696 ng/ml
Cocaine	4.276	35705	9894.28	55.0	142.66	556926	5.0421 ng/ml
Codeine	2.600	4769	32.38	101.3	5514.75	43705	4.9541 ng/ml
Cyclobenzaprine	5.635	5545	6208.13	6.7	15.69	38820	5.1440 ng/ml
Dextromethorphan	5.281	8693	6123.35	87.0	19614.84	72965	4.9847 ng/ml
Dextrophan	4.137	13189	32642.87	197.2	77094.72	272125	5.0532 ng/ml
Diazepam	5.967	22131	109.40	87.3	263.12	195480	4.9686 ng/ml
Dihydrocodeine	2.579	11135	16927.63	64.1	∞	128065	4.8917 ng/ml
Diphenhydramine	5.302	53730	2889.72	31.2	3387.20	655320	5.0964 ng/ml
Doxylamine	4.535	97099	4485.24	102.5	56840.90	857770	5.0588 ng/ml
EDDP	5.274	25131	122.81	43.5	38231.56	258595	5.0994 ng/ml
Etizolam	5.827	15394	7668.42	26.3	6033.90	92530	5.1850 ng/ml
Fentanyl	5.095	762	64.35	82.4	1089.29	94545	0.5058 ng/ml
Flualprazolam	5.712	12916	1580.54	97.4	842.39	218256	4.9415 ng/ml
Fluoxetine	5.728	3796	467.85	7.7	391.23	27333	5.1707 ng/ml
Hydrocodone	3.041	17255	107.27	36.5	45.17	189045	4.8475 ng/ml
Hydromorphone	1.628	12137	124.68	84.1	82.55	78633	4.9834 ng/ml
Ketamine	4.056	37486	107108.54	35.2	154.04	305982	4.9509 ng/ml
Lamotrigine	4.285	3093	119.21	89.8	2258.16	305982	4.8695 ng/ml
Levetiracetam	2.664	17658	335.39	159.2	166.38	824431	4.8629 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	32339	294.49	50.1	106.35	92530	4.0017 ng/ml
MDA	3.219	49386	386.82	29.1	122.54	221529	4.8717 ng/ml
MDMA	3.312	31524	53945.69	88.0	671.83	64230	4.9717 ng/ml
Meprobamate	4.910	19924	186.40	27.8	182.06	201503	4.7408 ng/ml
Methadone	5.673	26248	5636.13	61.3	36.01	222282	5.4686 ng/ml
Methamphetamine	3.240	48632	106.16	37.8	86.16	271514	5.3496 ng/ml
Metoprolol	4.338	10072	427.25	90.3	621.13	803975	4.9295 ng/ml
Mirtazapine	4.609	42295	620.10	53.4	3147.57	345080	6.1250 ng/ml
Mitragynine	5.222	4769	7126.00	38.5	4784.57	222282	4.8614 ng/ml
Morphine	1.261	1636	790.50	31.9	268.51	4713	4.8939 ng/ml
Nordiazepam	5.907	24184	1016.67	53.3	297.82	157582	4.9312 ng/ml
Norfentanyl	4.097	8078	484.36	36.3	63.27	646402	0.5199 ng/ml
Norhydrocodone	3.089	2395	∞	38.4	87.58	50077	6.4596 ng/ml
Noroxycodone	2.932	17150	280.02	47.9	53939.68	99723	5.0108 ng/ml
O-desmethyl-tramadol	3.393	89616	240.59	5.8	403.89	897491	5.1031 ng/ml
Oxazepam	5.763	39718	145.08	69.1	1054.15	435447	4.8638 ng/ml
Oxycodone	2.856	30532	190.17	30.9	3549.18	221065	4.8202 ng/ml
Oxymorphone	1.418	13298	421.70	47.0	48.44	76919	4.9321 ng/ml
Phentermine	3.794	15107	58.13	5.6	28.17	365072	4.8451 ng/ml
Promethazine	5.552	11574	204.48	30.0	79.88	96786	5.0890 ng/ml
Pseudoephedrine	2.604	81619	1379.24	17.5	14.39	824431	5.1032 ng/ml
Quetiapine	5.528	29175	484.55	58.2	319.86	78438	4.8504 ng/ml
Sertraline	5.796	967	20.61	100.8	209.39	9654	4.5799 ng/ml
Temazepam	5.831	68291	1165.26	27.5	137.24	629264	4.4311 ng/ml
Tramadol	4.257	90043	961.39	3.4	43.02	803975	4.9119 ng/ml
Trazodone	5.053	21015	7366.21	78.7	65.41	168445	4.8686 ng/ml
Venlafaxine	5.056	65746	527.85	32.8	1432.60	692152	5.1249 ng/ml
Zolpidem	4.832	74208	52249.83	31.3	1293.14	698192	5.0270 ng/ml

AM #28 Multi-Drug Quant. Results

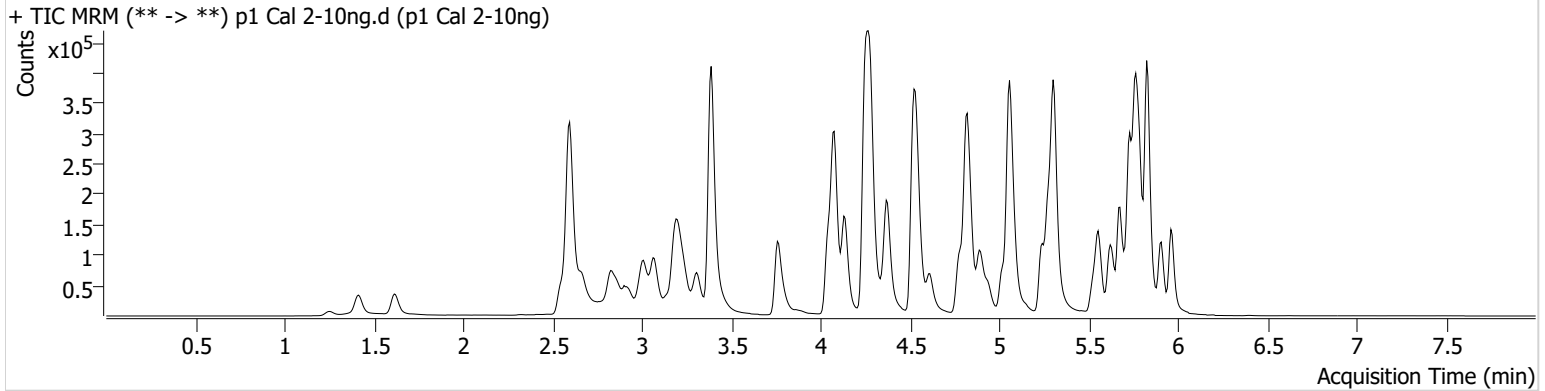
SC



Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-G12	Comment	
Injection Volume	2		
Acq. Date-Time	7/1/2022 6:55:26 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.154	1829	934.47	68.4	623.26	44146	0.9801 ng/ml
7-aminoclonazepam	4.263	34479	3375.50	74.9	81.89	136030	9.7503 ng/ml
a-hydroxyalprazolam	5.706	17713	297.66	70.5	107.60	233966	9.6288 ng/ml
alpha-PHP	4.936	22392	492.00	266.2	936.88	345909	9.6013 ng/ml
alpha-PVP	4.375	90865	309.80	49.8	848.83	345909	9.9302 ng/ml
Alprazolam	5.789	65146	1003.65	113.5	386.18	233966	9.7396 ng/ml
Amphetamine	3.071	117376	796.26	48.3	150.71	133895	8.9728 ng/ml
Benzoylcegonine	3.890	2751	76.79	6.7	121.64	8485	9.6018 ng/ml
Buprenorphine	5.683	1096	75.49	18.4	511.88	40360	1.0678 ng/ml
Bupropion	4.794	59897	181086.00	70.2	262.45	215655	9.7914 ng/ml
Carisoprodol	5.737	77127	267.80	63.8	621.12	347638	10.5925 ng/ml
Citalopram	5.239	46411	4985.66	33.5	1371.33	211894	9.8339 ng/ml
Clonazepam	5.619	73888	3184.35	35.1	2709.55	97528	10.2673 ng/ml
Clonazolam	5.563	47273	115974.16	36.9	34187.85	97528	9.9914 ng/ml
Cocaine	4.276	70334	701.44	58.3	235815.07	577650	9.7743 ng/ml
Codeine	2.600	9105	142.25	114.0	202.87	46335	9.7626 ng/ml
Cyclobenzaprine	5.642	16833	22030.59	7.7	46.74	64965	9.6602 ng/ml
Dextromethorphan	5.281	20036	1019.09	84.9	9153.48	84400	9.9060 ng/ml
Dextrophan	4.137	26929	4356.79	194.7	205.31	277354	9.9958 ng/ml
Diazepam	5.967	45340	12655.30	89.5	224.89	205120	10.0288 ng/ml
Dihydrocodeine	2.579	22702	6714.66	69.3	46.67	137781	9.9547 ng/ml
Diphenhydramine	5.309	109718	1757.27	30.8	181.29	689516	9.7145 ng/ml
Doxylamine	4.542	194831	24587.45	100.3	28867.30	873888	9.8877 ng/ml
EDDP	5.274	49567	2602.70	40.6	21837.32	265557	9.8134 ng/ml
Etizolam	5.827	31480	30237.43	27.2	14970.17	97528	9.6491 ng/ml
Fentanyl	5.095	2255	57.86	63.5	6243.85	123122	1.0129 ng/ml
Flualprazolam	5.712	26132	2681.47	95.4	900.76	233966	9.9415 ng/ml
Fluoxetine	5.728	18279	201.30	8.4	48.46	71326	9.4551 ng/ml
Hydrocodone	3.041	34345	122.66	36.0	41.43	189981	10.3019 ng/ml
Hydromorphone	1.621	26264	510.45	71.6	918.40	81013	10.1085 ng/ml
Ketamine	4.056	74156	3410.07	35.4	333.27	311203	10.0951 ng/ml
Lamotrigine	4.285	6321	291.18	93.6	3874.70	311203	10.1534 ng/ml
Levetiracetam	2.664	35886	282.33	162.2	1123.01	832786	10.2148 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	65091	1218.86	50.2	254.14	97528	10.5118 ng/ml
MDA	3.219	95849	1152.19	29.8	126.50	224192	10.1388 ng/ml
MDMA	3.312	63360	6702.36	86.9	885.30	63973	10.0926 ng/ml
Meprobamate	4.916	41037	191671.33	29.1	790.53	212312	10.3953 ng/ml
Methadone	5.673	54858	∞	61.5	2273.19	239118	10.0304 ng/ml
Methamphetamine	3.240	64000	532.63	37.9	89.27	265778	8.3933 ng/ml
Metoprolol	4.338	19070	878.27	94.5	424.85	824046	9.7907 ng/ml
Mirtazapine	4.609	86094	429.78	54.0	2474.27	345909	10.1756 ng/ml
Mitragynine	5.222	11468	10251.29	34.3	168.23	239118	10.4482 ng/ml
Morphine	1.253	3668	1498.78	24.6	54.41	5114	10.4567 ng/ml
Norbuprenorphine	5.012	195	645.89	72.3	79.57	6219	0.9999 ng/ml
Nordiazepam	5.907	48785	843.10	54.1	684.56	162130	10.0458 ng/ml
Norfentanyl	4.097	15759	401.80	36.0	67.40	675164	0.9515 ng/ml
Norhydrocodone	3.089	4931	22.22	36.5	47.64	51133	10.3044 ng/ml
Noroxycodone	2.932	34983	435.79	47.3	401.29	103181	10.0052 ng/ml
O-desmethyl-tramadol	3.393	181717	6357.30	6.1	307.77	942222	9.7309 ng/ml
Oxazepam	5.763	82149	1224.37	70.3	650.55	453742	10.1981 ng/ml
Oxycodone	2.856	64361	432.29	30.0	268.11	228471	10.3931 ng/ml
Oxymorphone	1.418	27183	947.33	46.7	188.87	80665	10.2679 ng/ml
Phentermine	3.794	29226	130.66	5.2	16.12	361426	10.1430 ng/ml
Promethazine	5.552	37738	183.68	31.2	162.85	163969	9.8284 ng/ml
Pseudoephedrine	2.604	162599	257.34	17.1	2712.71	832786	9.7687 ng/ml
Quetiapine	5.528	61465	641078.83	55.5	35370.11	80183	10.4237 ng/ml
Sertraline	5.796	8087	211.57	90.8	9123.08	34051	10.5146 ng/ml
Temazepam	5.831	140842	2323.46	27.8	219.29	650110	9.7325 ng/ml
Tramadol	4.257	181725	559.50	3.0	403.25	824046	10.1155 ng/ml
Trazodone	5.053	44320	420.69	80.4	984.04	186816	10.1107 ng/ml
Venlafaxine	5.056	128076	1716.18	33.7	698.73	701478	9.6783 ng/ml
Zolpidem	4.839	151945	1476.27	31.3	1117.23	741635	9.8279 ng/ml

AM #28 Multi-Drug Quant. Results

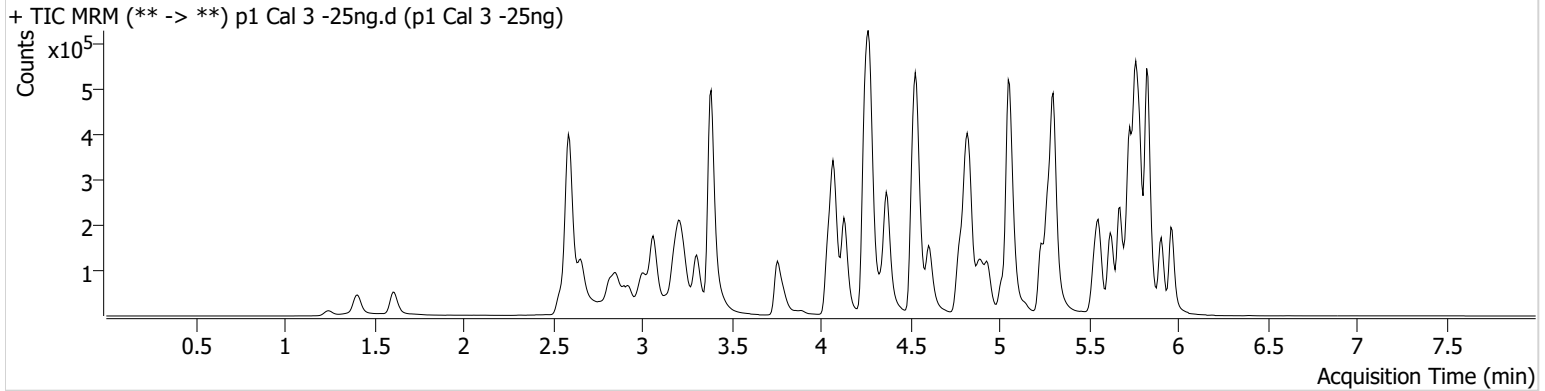
SC



Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-F12	Comment	
Injection Volume	2		
Acq. Date-Time	7/1/2022 7:06:02 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	4244	1588.13	77.8	2011.88	43272	2.3931 ng/ml
7-aminoclonazepam	4.263	75190	7013.27	72.2	182.19	113464	27.2224 ng/ml
a-hydroxyalprazolam	5.706	44222	707.30	66.2	1391.17	225405	26.2789 ng/ml
alpha-PHP	4.936	58859	1064.18	258.8	3019.68	344768	24.7021 ng/ml
alpha-PVP	4.375	229035	1139.00	50.8	8254.74	344768	24.8787 ng/ml
Alprazolam	5.782	156869	1654.13	108.3	529.43	225405	24.0449 ng/ml
Amphetamine	3.065	276664	2985.89	48.9	361.35	125191	26.1059 ng/ml
Benzoylecgonine	3.890	6907	355.55	9.2	338.38	8550	24.1983 ng/ml
Buprenorphine	5.684	2220	1008.45	19.1	361.41	39491	2.1789 ng/ml
Bupropion	4.787	166236	433.69	68.1	227.59	230727	25.7764 ng/ml
Carisoprodol	5.737	181958	20015.33	62.4	3791.90	343045	23.8498 ng/ml
Citalopram	5.232	115769	584.04	34.4	455.24	209692	24.5015 ng/ml
Clonazepam	5.619	178679	7276.56	34.4	93296.11	94621	26.8720 ng/ml
Clonazepam	5.563	113642	2780.71	37.0	61516.93	94621	25.2722 ng/ml
Cocaine	4.276	175267	1413.19	57.2	2113.83	563855	25.2958 ng/ml
Codeine	2.594	22430	4562.29	105.6	391.14	45071	26.3344 ng/ml
Cyclobenzaprine	5.635	38413	612.80	7.6	89.43	61996	23.6614 ng/ml
Dextromethorphan	5.281	49283	3699.32	82.5	74881.31	79334	25.8783 ng/ml
Dextrophan	4.137	65645	535.75	201.0	65810.92	279989	23.9586 ng/ml
Diazepam	5.967	110045	822.62	89.2	714.30	202224	25.1930 ng/ml
Dihydrocodeine	2.573	55236	158.35	65.7	39580.74	131472	26.5690 ng/ml
Diphenhydramine	5.302	278532	13478.97	31.2	982.50	687159	24.4561 ng/ml
Doxylamine	4.535	484436	2767.37	100.3	15590.62	877149	24.3787 ng/ml
EDDP	5.274	126741	667.28	41.4	22699.75	278621	23.9458 ng/ml
Etizolam	5.827	77044	162830.34	26.6	37174.79	94621	23.6746 ng/ml
Fentanyl	5.088	5229	205.50	69.7	69.21	113476	2.3853 ng/ml
Flualprazolam	5.712	63341	6490.05	99.2	90381.70	225405	26.0627 ng/ml
Fluoxetine	5.728	41214	1922.44	7.9	6064.44	61446	24.5808 ng/ml
Hydrocodone	3.034	83159	285.10	35.6	87.79	189809	25.9832 ng/ml
Hydromorphone	1.615	63666	206165.23	72.8	31.40	78747	24.7216 ng/ml
Ketamine	4.056	181280	4269.98	34.9	1916.81	315649	25.0250 ng/ml
Lamotrigine	4.285	16693	475.40	84.3	10076.06	315649	27.0268 ng/ml
Levetiracetam	2.658	88000	1986.09	159.7	347.01	799520	26.7537 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	144462	9641.63	52.8	436.02	94621	28.1095 ng/ml
MDA	3.212	235317	2140.00	30.4	830.71	221942	26.4281 ng/ml
MDMA	3.306	156308	2110.82	88.6	955.64	63837	25.0382 ng/ml
Meprobamate	4.910	100556	12910.24	28.2	8262.40	205620	28.1091 ng/ml
Methadone	5.673	135189	6023.53	61.0	546.46	233639	24.3389 ng/ml
Methamphetamine	3.233	139130	924.20	39.0	101.82	240107	25.1024 ng/ml
Metoprolol	4.338	48945	3063.97	93.7	2343.39	812829	26.7703 ng/ml
Mirtazapine	4.609	215113	49122.24	55.0	33879.34	344768	22.2011 ng/ml
Mitragynine	5.222	26883	2477.51	35.8	23632.93	233639	24.5915 ng/ml
Morphine	1.247	8054	2990.43	28.0	6144.83	4783	24.9837 ng/ml
Norbuprenorphine	5.005	402	537.92	81.8	204.64	6146	2.4870 ng/ml
Nordiazepam	5.907	117842	4365.27	54.5	1611.68	156804	25.6779 ng/ml
Norfentanyl	4.097	39393	40.47	34.8	283.95	663164	2.3866 ng/ml
Norhydrocodone	3.082	11477	39.68	41.4	53.15	47310	21.8664 ng/ml
Noroxycodone	2.925	82885	216.91	44.6	356.95	99251	24.8347 ng/ml
O-desmethyl-tramadol	3.386	452351	463.20	5.9	9096.50	930146	24.3328 ng/ml
Oxazepam	5.763	193469	3463.25	72.8	438.43	429320	26.2062 ng/ml
Oxycodone	2.850	151445	369.43	30.4	1632.36	221043	26.0510 ng/ml
Oxymorphone	1.405	61228	345.02	46.9	481.64	80761	23.9610 ng/ml
Phentermine	3.794	71464	153.37	5.5	102.65	352278	26.5133 ng/ml
Promethazine	5.552	82334	∞	31.2	415.43	147232	23.9327 ng/ml
Pseudoephedrine	2.597	393957	12979.75	16.9	398.51	799520	24.1892 ng/ml
Quetiapine	5.528	151923	78112.61	56.8	8031.51	82014	25.7594 ng/ml
Sertraline	5.796	16224	122.35	92.0	20843.73	27768	25.4943 ng/ml
Temazepam	5.831	335691	4153.20	27.6	140.31	625479	25.4260 ng/ml
Tramadol	4.257	452307	1473.26	3.3	381.73	812829	26.2222 ng/ml
Trazodone	5.053	108586	14431.64	80.4	279.77	181580	26.9235 ng/ml
Venlafaxine	5.050	328610	658.36	32.8	1005.09	709576	24.2611 ng/ml
Zolpidem	4.832	377680	29357.68	30.7	288.75	726769	25.1565 ng/ml

AM #28 Multi-Drug Quant. Results

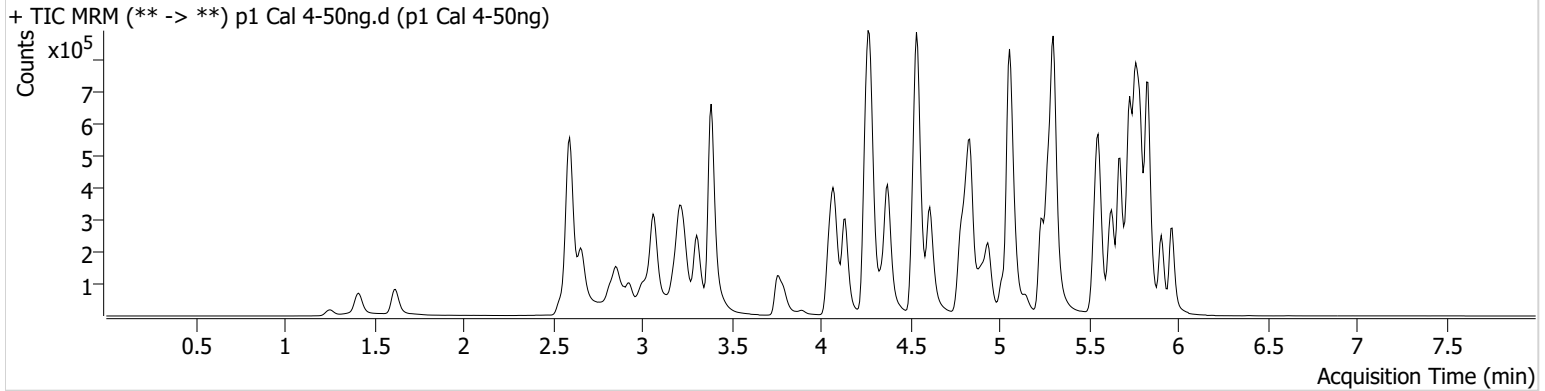
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Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-E12	Comment	
Injection Volume	2		
Acq. Date-Time	7/1/2022 7:16:38 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	8545	13554.25	72.0	133.18	41983	5.0239 ng/ml
7-aminoclonazepam	4.263	149671	4823.57	73.3	8017.21	113667	55.1497 ng/ml
a-hydroxyalprazolam	5.706	80139	966.31	66.2	521.17	208654	52.2443 ng/ml
alpha-PHP	4.936	123994	480.91	262.1	44252.42	351088	50.6977 ng/ml
alpha-PVP	4.375	456625	666.95	50.8	254.92	351088	48.5607 ng/ml
Alprazolam	5.782	296969	1939.30	109.9	825.92	208654	48.9656 ng/ml
Amphetamine	3.065	623788	1042.31	43.6	1818.93	128711	59.9851 ng/ml
Benzoylecgonine	3.890	12758	775.58	8.0	96.42	7913	48.4861 ng/ml
Buprenorphine	5.677	6924	273.90	15.7	2068.33	54015	4.9326 ng/ml
Bupropion	4.794	347815	69382.74	68.4	712.34	246581	50.6910 ng/ml
Carisoprodol	5.737	322768	20326.15	61.1	3702.78	295950	47.9187 ng/ml
Citalopram	5.232	296480	189.54	34.0	236931.14	266722	49.1404 ng/ml
Clonazepam	5.619	324173	37243.29	34.3	8830.61	87619	53.4723 ng/ml
Clonazepam	5.563	211939	698179.94	36.4	154877.45	87619	51.2522 ng/ml
Cocaine	4.276	340515	265024.74	57.4	711.44	554942	50.1499 ng/ml
Codeine	2.594	42489	202.98	106.1	199301.30	43402	52.8195 ng/ml
Cyclobenzaprine	5.635	171368	20525.81	8.0	708.78	133415	49.4840 ng/ml
Dextromethorphan	5.281	140279	∞	85.3	912992.02	116192	50.2692 ng/ml
Dextrophan	4.137	138534	517.59	198.9	4562.52	286067	49.3522 ng/ml
Diazepam	5.967	207331	5753.93	89.8	3902.34	188760	51.2014 ng/ml
Dihydrocodeine	2.573	108896	3612.36	65.4	169.40	129488	53.9486 ng/ml
Diphenhydramine	5.302	729598	243445.69	31.1	25554.76	881585	49.7378 ng/ml
Doxylamine	4.542	990824	12360.95	98.6	872.73	892140	48.9454 ng/ml
EDDP	5.274	301378	8957.01	42.3	388.47	325760	48.7227 ng/ml
Etizolam	5.827	139800	4083.79	27.0	1437.23	87619	45.9721 ng/ml
Fentanyl	5.095	18878	2040.48	68.2	140.58	204070	4.6801 ng/ml
Flualprazolam	5.712	114530	51148.84	100.6	144994.56	208654	51.5684 ng/ml
Fluoxetine	5.728	225639	731927.52	7.9	205.12	171174	48.2092 ng/ml
Hydrocodone	3.034	162177	146.72	36.6	∞	180738	53.9650 ng/ml
Hydromorphone	1.621	125216	516844.84	73.8	119070.37	77112	49.3241 ng/ml
Ketamine	4.056	355062	819.68	34.7	1931.63	300529	52.0016 ng/ml
Lamotrigine	4.285	30475	834.18	89.9	2251.57	300529	52.1615 ng/ml
Levetiracetam	2.664	167669	2612.70	160.7	6559.38	791623	51.8770 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	248967	1962.35	51.6	595.36	87619	55.0331 ng/ml
MDA	3.212	474748	2364.81	30.0	1219.91	225995	53.2132 ng/ml
MDMA	3.306	326219	2705.74	87.7	942.29	66448	50.2612 ng/ml
Meprobamate	4.916	178972	21236.54	28.3	5713.84	195047	53.7764 ng/ml
Methadone	5.673	393769	29740.37	60.5	13011.46	337525	48.4321 ng/ml
Methamphetamine	3.240	288121	495.41	38.9	2745.39	250582	53.2440 ng/ml
Metoprolol	4.345	97477	1260.11	96.5	790.53	811511	54.2051 ng/ml
Mirtazapine	4.609	513190	11212.00	53.5	5166.67	351088	49.0637 ng/ml
Mitragynine	5.222	85471	160413.49	34.9	87437.02	337525	53.7146 ng/ml
Morphine	1.253	17227	2604.96	26.5	281.71	4990	51.5662 ng/ml
Norbuprenorphine	5.005	1027	536.56	87.9	497.40	8261	5.0478 ng/ml
Nordiazepam	5.907	222638	1439.70	54.7	5908.31	145800	52.5802 ng/ml
Norfentanyl	4.097	79060	9389.15	36.1	41.44	670158	4.7176 ng/ml
Norhydrocodone	3.082	22326	99.10	36.5	98.02	43811	42.9870 ng/ml
Noroxycodone	2.925	160282	320.67	47.9	498.39	95156	50.2243 ng/ml
O-desmethyl-tramadol	3.386	880018	58534.81	5.8	373.10	894977	49.0603 ng/ml
Oxazepam	5.763	341245	4545.18	73.1	201.30	376643	53.2460 ng/ml
Oxycodone	2.850	297687	641.90	29.9	1079.22	215663	53.0325 ng/ml
Oxymorphone	1.411	121417	896.50	47.1	∞	75051	51.9118 ng/ml
Phentermine	3.794	148454	263.43	5.5	199.91	361559	54.3876 ng/ml
Promethazine	5.552	391816	750.56	32.0	516.71	337485	49.7269 ng/ml
Pseudoephedrine	2.604	794833	11587.00	17.1	145.35	791623	48.9743 ng/ml
Quetiapine	5.528	363109	596376.57	56.6	123839.64	99179	51.3048 ng/ml
Sertraline	5.796	94380	14304.06	98.0	116067.55	81790	50.1043 ng/ml
Temazepam	5.831	620306	12078.14	27.2	178.58	563465	53.0903 ng/ml
Tramadol	4.264	875052	760.53	3.4	1313.55	811511	51.2424 ng/ml
Trazodone	5.053	296864	215.87	80.6	26116.70	259735	52.3194 ng/ml
Venlafaxine	5.056	671580	15542.69	32.6	1721.95	723413	48.4460 ng/ml
Zolpidem	4.839	727359	4382.59	30.4	14002.68	696590	50.6969 ng/ml

SC

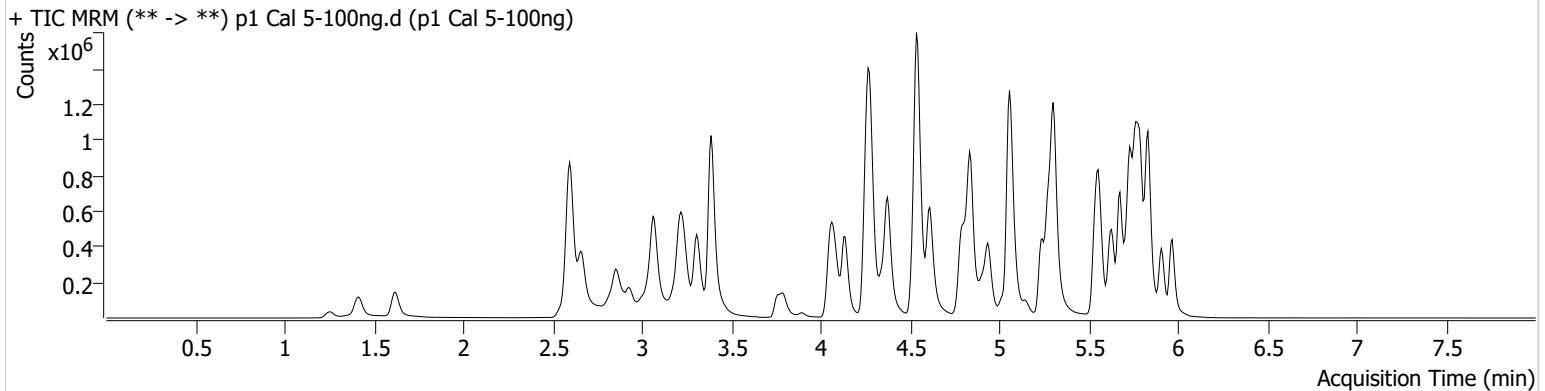


AM #28 Multi-Drug Quant. Results

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Calibration Last Update 7/6/2022 12:00:49 PM

Instrument Falco (069901) **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m **Operator** Sarah Collins
Sample Position P2-D12 **Comment**
Injection Volume 2
Acq. Date-Time 7/1/2022 7:27:16 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	17040	383.66	70.0	296.96	42881	9.8599 ng/ml
7-aminoclonazepam	4.263	283612	1215.84	71.8	7069.64	112486	106.5811 ng/ml
a-hydroxyalprazolam	5.706	132671	413.88	67.0	390.86	187420	96.9922 ng/ml
alpha-PHP	4.936	237570	9746.97	262.3	12191.80	341869	99.3897 ng/ml
alpha-PVP	4.375	890917	25252.77	51.4	638.43	341869	97.1475 ng/ml
Alprazolam	5.789	564167	740.65	108.2	900.40	187420	103.3396 ng/ml
Amphetamine	3.065	1149132	1452.65	45.3	704.16	125556	115.3169 ng/ml
Benzoylecgonine	3.890	24793	2947.46	7.9	6932.47	8062	92.6419 ng/ml
Buprenorphine	5.683	12479	16463.17	14.3	2205.99	45174	10.5971 ng/ml
Bupropion	4.794	672022	47096.43	69.1	3740.55	242263	99.9155 ng/ml
Carisoprodol	5.737	560478	720260.39	63.0	5658.72	261193	93.2562 ng/ml
Citalopram	5.239	533540	37817.20	33.7	2380435.85	240447	97.9082 ng/ml
Clonazepam	5.619	581364	18253.34	34.6	939.95	80271	105.4957 ng/ml
Clonazepam	5.563	392068	469903.82	36.9	257330.07	80271	103.8467 ng/ml
Cocaine	4.276	667720	508.57	57.8	986.18	545132	100.3290 ng/ml
Codeine	2.594	84414	99.49	105.2	984.80	41299	111.4248 ng/ml
Cyclobenzaprine	5.642	267484	389.92	8.1	1600.62	106191	97.4280 ng/ml
Dextromethorphan	5.281	241697	11293.95	81.7	210.09	99510	101.1059 ng/ml
Dextrophan	4.137	265728	1453.24	201.5	11656.28	277273	97.5433 ng/ml
Diazepam	5.967	393140	3528.85	89.5	4631.30	180991	101.5922 ng/ml
Dihydrocodeine	2.573	217655	9175.87	67.2	111.59	129403	108.6658 ng/ml
Diphenhydramine	5.302	1314652	36051.00	31.3	13276.01	794701	99.2329 ng/ml
Doxylamine	4.535	2017869	108834.39	98.2	60456.96	884502	100.4585 ng/ml
EDDP	5.274	572823	952.72	41.9	220.64	302199	99.8482 ng/ml
Etizolam	5.827	268840	4222.38	27.4	126020.82	80271	96.0180 ng/ml
Fentanyl	5.095	29255	116.02	67.1	90829.10	155151	9.4277 ng/ml
Flualprazolam	5.712	212172	10015.33	104.2	13320.13	187420	107.0921 ng/ml
Fluoxetine	5.728	326916	3065.74	7.4	38579.83	120746	98.9111 ng/ml
Hydrocodone	3.034	315503	310.05	37.5	929.42	188496	101.2818 ng/ml
Hydromorphone	1.621	253042	1249339.39	77.8	687480.71	74209	103.2167 ng/ml
Ketamine	4.056	688990	33362.51	34.6	261.02	298074	102.2098 ng/ml
Lamotrigine	4.285	58082	5519.43	87.9	2091.68	298074	100.5700 ng/ml
Levetiracetam	2.664	318910	3070.71	162.4	4071.06	791346	99.0900 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	374339	18755.39	53.2	841.87	80271	92.3438 ng/ml
MDA	3.212	888450	3386.84	29.5	1039.53	218607	103.7606 ng/ml
MDMA	3.306	640392	15547.41	89.2	3117.25	64942	101.0127 ng/ml
Meprobamate	4.916	324052	63082.25	28.4	9125.40	182457	105.1927 ng/ml
Methadone	5.673	693885	654.24	59.8	8344.19	290260	98.5812 ng/ml
Methamphetamine	3.240	539592	3492.24	39.2	307.10	245082	105.1436 ng/ml
Metoprolol	4.338	191436	313432.55	95.3	3511.54	819003	106.2449 ng/ml
Mirtazapine	4.609	954933	12290.39	53.7	4208.16	341869	91.7589 ng/ml
Mitragynine	5.222	140803	716.03	36.4	79011.94	290260	102.5867 ng/ml
Morphine	1.253	30824	4674.16	32.1	364.79	5153	89.5811 ng/ml
Norbuprenorphine	5.012	1689	5230.95	86.0	2563.17	7163	9.9089 ng/ml
Nordiazepam	5.907	409287	2251.57	54.9	3587.59	138209	102.3385 ng/ml
Norfentanyl	4.097	162783	101863.63	35.1	731.88	669338	9.7014 ng/ml
Norhydrocodone	3.082	44830	179.70	36.5	98.95	39229	93.0753 ng/ml
Noroxycodone	2.932	297006	1506.28	49.4	1129.64	91834	96.5535 ng/ml
O-desmethyl-tramadol	3.386	1783125	173495.49	5.9	283.60	898521	98.8786 ng/ml
Oxazepam	5.763	553157	13405.52	73.6	5384.19	312138	104.6763 ng/ml
Oxycodone	2.850	590330	11755.44	30.5	598.48	216100	105.4829 ng/ml
Oxymorphone	1.411	257033	∞	46.5	284.90	75992	109.2861 ng/ml
Phentermine	3.794	282150	1679.25	5.2	808.92	349402	107.6487 ng/ml
Promethazine	5.552	618627	17060.13	32.3	470.84	269491	98.3573 ng/ml
Pseudoephedrine	2.604	1578728	10930.04	17.1	301.34	791346	97.0084 ng/ml
Quetiapine	5.528	675362	1397.84	58.7	620.74	94503	100.5301 ng/ml
Sertraline	5.796	132566	72.29	95.9	2977.12	57093	100.5628 ng/ml
Temazepam	5.831	1068215	50383.98	27.4	16029.12	499513	103.9700 ng/ml
Tramadol	4.257	1727095	309367.75	3.4	316.43	819003	100.6498 ng/ml
Trazodone	5.059	507019	715.57	80.7	590.73	222819	105.0985 ng/ml
Venlafaxine	5.056	1331257	3099.56	32.6	21398.61	702562	98.6887 ng/ml
Zolpidem	4.839	1453737	10785.31	30.7	4271.47	704072	100.3938 ng/ml

SC

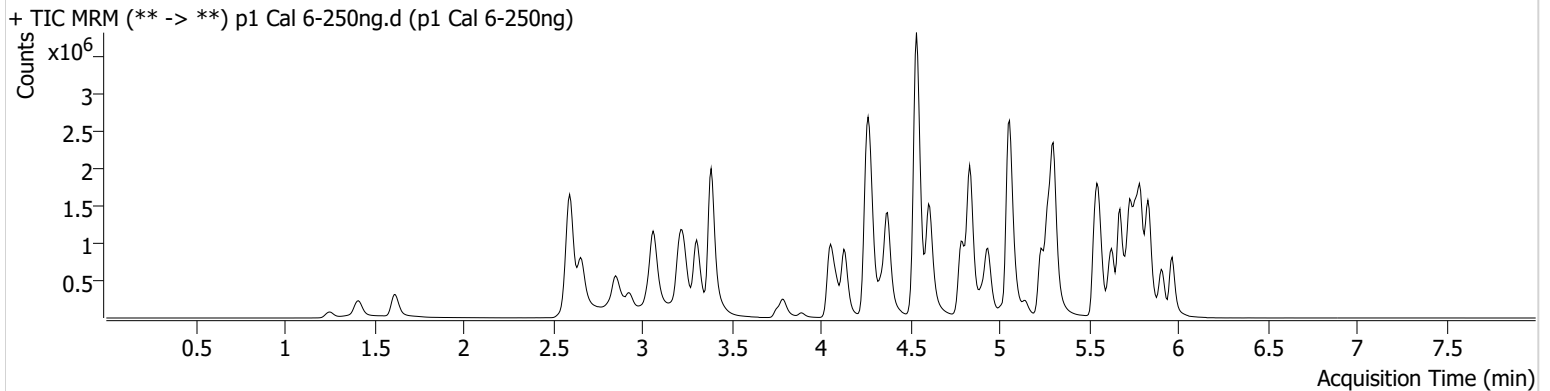


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-C12	Comment	
Injection Volume	2		
Acq. Date-Time	7/1/2022 7:37:52 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	42209	302.09	70.8	31723.18	42487	24.7300 ng/ml
7-aminoclonazepam	4.263	554003	1032.62	72.0	15469.52	97215	242.2492 ng/ml
a-hydroxyalprazolam	5.699	223766	888.07	67.4	623.58	163575	188.2147 ng/ml
alpha-PHP	4.936	575908	9343.93	258.3	6281.45	319947	256.8447 ng/ml
alpha-PVP	4.375	2142959	206860.51	51.0	29112.97	319947	249.4432 ng/ml
Alprazolam	5.782	1222523	2639.55	106.5	2474.23	163575	256.2812 ng/ml
Amphetamine	3.065	2497164	67332.71	45.7	24112.47	121690	261.4001 ng/ml
Benzoylecgonine	3.890	68213	8643.20	8.2	22542.89	8270	248.7928 ng/ml
Buprenorphine	5.683	28275	621.82	16.4	10737.23	42870	25.2617 ng/ml
Bupropion	4.787	1495529	80990.79	68.8	37488.73	215303	250.5527 ng/ml
Carisoprodol	5.737	1058751	464.86	62.4	447.85	189253	241.4225 ng/ml
Citalopram	5.232	1272026	39621.60	34.9	20595.25	222258	252.2310 ng/ml
Clonazepam	5.619	1137922	24177.34	34.6	160.91	67252	247.6109 ng/ml
Clonazepam	5.563	799119	1236418.62	37.4	401640.35	67252	253.1375 ng/ml
Cocaine	4.276	1549410	615.49	57.4	559.08	505087	251.5980 ng/ml
Codeine	2.594	185020	4199.78	100.7	114.15	39569	256.2531 ng/ml
Cyclobenzaprine	5.635	638596	199212.47	8.0	255.83	94562	261.8842 ng/ml
Dextromethorphan	5.281	533897	3706.34	84.2	46692.76	89322	248.7705 ng/ml
Dextrophan	4.130	650926	1059.90	199.8	104236.82	264611	250.1774 ng/ml
Diazepam	5.967	860955	5833.69	88.9	19694.73	157961	255.4376 ng/ml
Dihydrocodeine	2.573	508174	12357.79	68.2	6644.13	127999	257.5337 ng/ml
Diphenhydramine	5.302	3116763	51789.86	31.4	16807.19	747652	249.7801 ng/ml
Doxylamine	4.535	5188546	173508.39	97.6	11082.03	898340	254.2104 ng/ml
EDDP	5.274	1549345	4297.78	41.6	822.15	323849	252.0417 ng/ml
Etizolam	5.827	585770	19747.63	27.1	312342.78	67252	249.0135 ng/ml
Fentanyl	5.088	76937	251.43	67.0	207.74	158093	24.1624 ng/ml
Flualprazolam	5.712	436875	32461.27	107.4	24058.11	163575	253.5962 ng/ml
Fluoxetine	5.728	614997	10899.90	8.1	410.70	90316	248.6101 ng/ml
Hydrocodone	3.034	734989	1080.82	37.4	110.13	180610	247.2685 ng/ml
Hydromorphone	1.621	616865	1130120.60	78.7	739660.71	74507	250.1505 ng/ml
Ketamine	4.056	1669635	60547.03	34.5	1245.06	293859	251.9567 ng/ml
Lamotrigine	4.285	125120	1913.26	89.0	913.57	293859	220.1909 ng/ml
Levetiracetam	2.664	728024	6593.61	162.5	3015.70	719059	249.5927 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	512511	1709.19	51.7	552.65	67252	152.9056 ng/ml
MDA	3.212	1895498	7444.92	29.2	2141.55	193478	251.3476 ng/ml
MDMA	3.306	1513914	3714.37	89.8	5259.22	62569	247.9417 ng/ml
Meprobamate	4.910	651579	73761.60	27.7	19431.39	164337	236.2912 ng/ml
Methadone	5.673	1663792	37728.83	61.0	51513.21	279174	244.8235 ng/ml
Methamphetamine	3.233	1271747	631.09	38.3	578.79	235921	262.4845 ng/ml
Metoprolol	4.338	434219	416233.85	98.5	72693.95	797694	248.4976 ng/ml
Mirtazapine	4.609	2387460	14876.88	52.6	2189.83	319947	241.4592 ng/ml
Mitragynine	5.222	345635	2348.38	35.8	1797.51	279174	261.2993 ng/ml
Morphine	1.253	86618	380.89	27.3	107.71	5071	256.4090 ng/ml
Norbuprenorphine	5.005	4141	4076.00	87.4	2784.84	6937	25.6352 ng/ml
Nordiazepam	5.907	829034	1866945.04	54.4	21207.20	112279	255.7518 ng/ml
Norfentanyl	4.097	409941	1392.69	35.8	637.17	662333	24.6549 ng/ml
Norhydrocodone	3.082	103298	1044.67	39.3	104.93	34296	240.9369 ng/ml
Noroxycodone	2.925	643562	807.91	48.0	1598.94	78775	244.0959 ng/ml
O-desmethyl-tramadol	3.386	4415664	∞	6.0	9728.19	871937	252.1155 ng/ml
Oxazepam	5.763	826607	36713.63	74.2	29597.12	197579	247.8704 ng/ml
Oxycodone	2.850	1391264	10167.48	29.7	6201.38	213755	252.0715 ng/ml
Oxymorphone	1.411	564111	612.52	46.8	∞	69538	263.0729 ng/ml
Phentermine	3.794	640766	3349.04	5.2	111.88	331510	258.6517 ng/ml
Promethazine	5.552	1433293	780.36	30.9	623.61	240666	255.2357 ng/ml
Pseudoephedrine	2.597	3800615	29434.30	17.0	76159.99	719059	256.5124 ng/ml
Quetiapine	5.528	1707031	106156.08	58.4	419.70	95175	252.9118 ng/ml
Sertraline	5.796	259771	3323220.46	95.5	20018.50	45522	246.7786 ng/ml
Temazepam	5.831	1947959	43787.70	27.1	4554.29	365141	260.6979 ng/ml
Tramadol	4.257	4075011	1468.43	3.4	601.13	797694	244.4747 ng/ml
Trazodone	5.053	1309553	142852.31	80.7	1296.76	249117	244.0361 ng/ml
Venlafaxine	5.050	3305915	270463.07	31.7	2415.62	677344	253.9032 ng/ml
Zolpidem	4.832	3693998	12755.36	29.4	6804.89	701732	256.1851 ng/ml

SC

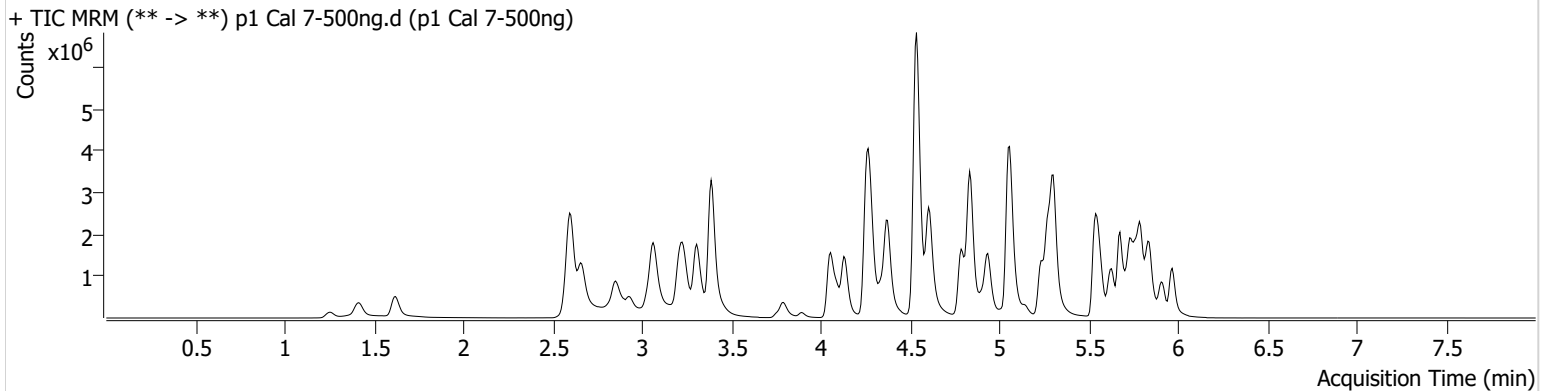


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument Falco (069901) **Data File** p1 Cal 7-500ng.d
Type Cal **Sample** p1 Cal 7-500ng
Acq. Method AM 28 MDQ P1.m **Operator** Sarah Collins
Sample Position P2-B12 **Comment**
Injection Volume 2
Acq. Date-Time 7/1/2022 7:48:28 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	80218	3113.61	68.6	495366.28	39140	51.0760 ng/ml
7-aminoclonazepam	4.263	753365	9887.42	71.5	4083.47	78760	407.3414 ng/ml
a-hydroxyalprazolam	5.699	281150	286.70	68.4	643.99	131479	294.6792 ng/ml
alpha-PHP	4.936	968159	5761.70	264.3	4818.42	277470	497.5279 ng/ml
alpha-PVP	4.375	3780877	1290.57	51.2	22956.20	277470	507.3146 ng/ml
Alprazolam	5.789	1946095	585.23	106.5	∞	131479	507.3607 ng/ml
Amphetamine	3.065	3991061	412.20	45.7	459.88	109853	464.5647 ng/ml
Benzoylecgonine	3.890	134789	∞	7.7	32508.25	7966	510.6057 ng/ml
Buprenorphine	5.683	38199	1206.98	16.4	11496.87	29608	49.3885 ng/ml
Bupropion	4.787	2482752	82326.89	67.9	46113.29	178816	501.0572 ng/ml
Carisoprodol	5.737	1574186	319.24	61.3	21561.66	138734	488.5740 ng/ml
Citalopram	5.232	2013404	740.60	33.9	27946.55	173084	512.4708 ng/ml
Clonazepam	5.619	1702858	339.51	35.0	325.60	51871	481.2181 ng/ml
Clonazepam	5.563	1229578	1386517.62	36.8	499264.16	51871	505.3322 ng/ml
Cocaine	4.276	2604036	4608.98	56.9	961.64	431271	495.4400 ng/ml
Codeine	2.594	292913	3729.13	99.9	8317.50	34980	459.7368 ng/ml
Cyclobenzaprine	5.635	583864	75347.76	8.0	349.13	45078	502.6463 ng/ml
Dextromethorphan	5.281	725610	316.50	82.1	20267.11	61392	491.8889 ng/ml
Dextrophan	4.130	1130206	1808.43	200.9	89973.25	226279	507.8378 ng/ml
Diazepam	5.967	1385864	14856.73	89.3	46424.98	130256	498.9552 ng/ml
Dihydrocodeine	2.573	874735	24848.35	69.2	13143.68	120884	470.0187 ng/ml
Diphenhydramine	5.302	4913604	198617.15	31.4	4564.61	583744	504.1585 ng/ml
Doxylamine	4.535	9670478	153711.16	97.5	5006.48	811245	524.5848 ng/ml
EDDP	5.267	2883781	125033.47	41.4	70908.66	300927	504.8782 ng/ml
Etizolam	5.827	979228	13034.61	27.3	555794.25	51871	539.1965 ng/ml
Fentanyl	5.088	91335	31342.61	67.6	328.39	87099	51.9404 ng/ml
Flualprazolam	5.712	672131	19510.82	109.6	23340.65	131479	486.0332 ng/ml
Fluoxetine	5.728	321057	10021.81	7.8	539.75	22349	524.3689 ng/ml
Hydrocodone	3.034	1284440	∞	38.4	262.36	163424	478.2258 ng/ml
Hydromorphone	1.621	1059312	7555904.19	78.3	4932803.68	64961	492.3822 ng/ml
Ketamine	4.056	3001117	253531.54	33.8	2014.81	269007	495.1997 ng/ml
Lamotrigine	4.292	191525	1278.71	90.7	19646.12	269007	368.4403 ng/ml
Levetiracetam	2.664	1196162	3889.56	162.7	2872.20	608818	484.7446 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	578173	37234.14	53.3	1539.58	51871	225.1028 ng/ml
MDA	3.212	2958080	2126.86	28.6	9345.92	163414	465.1489 ng/ml
MDMA	3.306	2660504	4115.45	89.7	4865.23	55322	492.8609 ng/ml
Meprobamate	4.910	968213	887.80	27.6	14270.09	141839	407.6632 ng/ml
Methadone	5.673	2485695	2626.21	60.0	1173.41	209147	487.6034 ng/ml
Methamphetamine	3.233	2141485	9122.92	38.7	868.76	212339	494.1204 ng/ml
Metoprolol	4.338	714899	94708.68	98.0	157362.30	671261	486.9594 ng/ml
Mirtazapine	4.603	4182128	149193.19	52.7	57762.19	277470	485.4778 ng/ml
Mitragynine	5.222	464756	96596.43	35.9	2031.77	209147	468.7257 ng/ml
Morphine	1.253	152087	894.72	27.4	865.94	4609	495.6317 ng/ml
Norbuprenorphine	5.005	5985	1084.53	95.6	1979.91	5002	51.7560 ng/ml
Nordiazepam	5.914	1190625	913.23	54.9	15162.61	85142	484.7168 ng/ml
Norfentanyl	4.097	754510	219.30	36.1	1294.05	580275	51.7704 ng/ml
Norhydrocodone	3.082	184769	175.45	40.2	319.91	28016	524.3704 ng/ml
Noroxycodone	2.932	956578	2445.83	48.4	4441.58	53215	537.2444 ng/ml
O-desmethyl-tramadol	3.386	8132234	81301.30	5.8	18354.03	782364	517.3331 ng/ml
Oxazepam	5.763	916715	19313.35	73.3	11510.69	114550	474.6417 ng/ml
Oxycodone	2.843	2386068	762.06	30.0	4763.26	194298	476.0832 ng/ml
Oxymorphone	1.411	963403	∞	47.0	∞	65700	476.0872 ng/ml
Phentermine	3.794	1063073	∞	5.1	144.56	307166	463.6891 ng/ml
Promethazine	5.552	1287800	638.76	31.7	511.03	109369	504.6693 ng/ml
Pseudoephedrine	2.604	6448156	68765.25	16.7	50248.23	608818	513.6995 ng/ml
Quetiapine	5.528	3064819	4104.59	59.4	86987.52	86822	498.1573 ng/ml
Sertraline	5.796	119096	2255.09	93.2	5707.22	9976	515.9958 ng/ml
Temazepam	5.837	2492378	32142.52	27.0	51788.05	245684	496.5452 ng/ml
Tramadol	4.257	6961454	4898.68	3.3	575.38	671261	496.7784 ng/ml
Trazodone	5.053	2032587	1380.57	82.2	55508.88	218600	432.3772 ng/ml
Venlafaxine	5.050	5895649	407606.96	31.0	43828.52	596884	513.6475 ng/ml
Zolpidem	4.832	6821924	402824.01	28.6	100921.68	656745	505.6648 ng/ml

SC

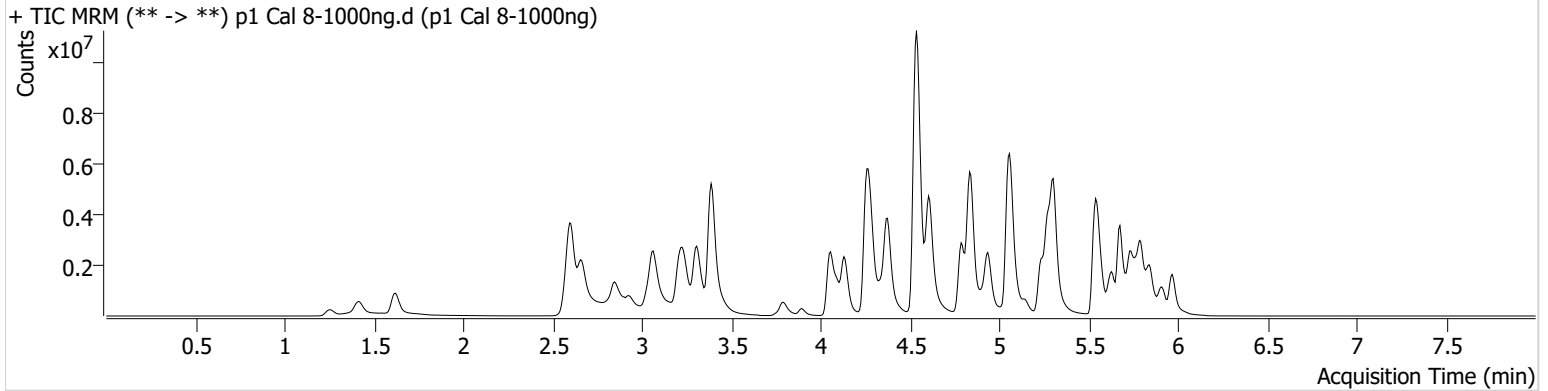


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070122 AM 27 28 P1 P2 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 7/6/2022 12:00:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-A12	Comment	
Injection Volume	2		
Acq. Date-Time	7/1/2022 7:59:04 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	154116	1516.55	67.9	559.55	36856	104.2645 ng/ml
7-aminoclonazepam	4.256	919261	4722.61	72.3	∞	61973	632.2662 ng/ml
a-hydroxyalprazolam	5.699	334451	139.95	68.3	318.76	97556	472.9439 ng/ml
alpha-PHP	4.936	1669288	29698.54	264.9	123512.67	237747	1000.7755 ng/ml
alpha-PVP	4.375	6695399	854.42	51.2	126446.71	237747	1048.3202 ng/ml
Alprazolam	5.789	2821661	1332.67	103.9	1395.73	97556	991.2360 ng/ml
Amphetamine	3.065	5740081	311.23	46.2	190.13	88510	831.0650 ng/ml
Benzoylecgonine	3.890	317883	396.77	8.1	2257.47	8512	1127.0859 ng/ml
Buprenorphine	5.683	57680	4815.65	15.9	17108.50	21509	102.6240 ng/ml
Bupropion	4.787	4394770	236346.03	68.1	48460.43	163617	969.5389 ng/ml
Carisoprodol	5.737	1993783	75147.90	61.9	12356.74	83354	1028.7652 ng/ml
Citalopram	5.232	3329249	3270.07	34.1	786.11	142886	1026.2962 ng/ml
Clonazepam	5.619	2272285	520.71	34.6	∞	38857	857.8623 ng/ml
Clonazepam	5.563	1656966	42719.57	37.3	838141.49	38857	909.3256 ng/ml
Cocaine	4.276	4215471	1291.63	56.9	882.94	346401	998.7550 ng/ml
Codeine	2.594	465871	7966.13	99.2	6466.48	29621	864.4133 ng/ml
Cyclobenzaprine	5.635	1254593	19807.96	7.9	12428.40	46748	1041.9307 ng/ml
Dextromethorphan	5.281	1068953	297.42	81.7	752.03	45300	982.0296 ng/ml
Dextrophan	4.130	1907727	77551.97	201.6	495217.21	184254	1052.5833 ng/ml
Diazepam	5.967	2154245	7066.17	88.9	∞	107961	936.0691 ng/ml
Dihydrocodeine	2.566	1503409	27849.37	69.5	19147.01	118075	827.6253 ng/ml
Diphenhydramine	5.302	8154443	87981.42	31.3	43284.56	471120	1036.4982 ng/ml
Doxylamine	4.535	17302271	189723.40	96.6	231299.51	781036	974.8142 ng/ml
EDDP	5.267	5587770	108926.00	40.4	826.36	280354	1050.0872 ng/ml
Etizolam	5.827	1493083	3090.25	27.0	24156.55	38857	1097.0324 ng/ml
Fentanyl	5.088	181467	381.97	68.1	4430.65	78944	113.7289 ng/ml
Flualprazolam	5.712	908838	21710.36	111.2	28629.70	97556	886.2992 ng/ml
Fluoxetine	5.728	699399	14260.56	8.1	16701.62	24530	1040.6395 ng/ml
Hydrocodone	3.034	2253453	165.83	39.9	∞	148606	923.3325 ng/ml
Hydromorphone	1.621	2038618	2263986.94	78.0	8681128.11	61560	999.5845 ng/ml
Ketamine	4.056	5437136	123307.64	33.5	9611.39	257152	938.9540 ng/ml
Lamotrigine	4.292	265215	2395.56	90.9	391.66	257152	533.8835 ng/ml
Levetiracetam	2.664	1981844	5982.96	167.0	3927.51	520675	939.5014 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	5.754	650993	17499.22	52.4	1218.49	38857	339.9260 ng/ml
MDA	3.205	4532682	13945.26	26.0	9828.27	127117	917.1051 ng/ml
MDMA	3.306	4586820	24107.39	88.8	30472.53	46915	1002.0408 ng/ml
Meprobamate	4.910	1367944	52589.31	27.5	26844.69	119554	684.1263 ng/ml
Methadone	5.673	4642107	143845.49	56.5	122268.61	186460	1020.7219 ng/ml
Methamphetamine	3.233	3540983	22422.17	39.0	2697.59	186729	932.1633 ng/ml
Metoprolol	4.338	1088392	100579.96	97.7	84429.18	586056	849.7535 ng/ml
Mirtazapine	4.603	7648623	134487.86	51.5	4893.45	237747	1033.7387 ng/ml
Mitragynine	5.216	810396	3368.37	36.2	273874.83	186460	916.4410 ng/ml
Morphine	1.253	274264	106.61	28.1	1567.25	3992	1032.1590 ng/ml
Norbuprenorphine	5.005	9749	134.89	95.1	53.38	4480	94.4320 ng/ml
Nordiazepam	5.914	1573426	∞	54.0	30746.72	59651	914.6457 ng/ml
Norfentanyl	4.097	1421392	166150.51	36.1	12383.26	505709	111.8825 ng/ml
Norhydrocodone	3.082	364104	242.15	39.9	∞	25004	1154.5849 ng/ml
Noroxycodone	2.925	1437844	1005.44	47.5	3673.31	43719	983.0520 ng/ml
O-desmethyl-tramadol	3.386	14355087	∞	5.9	12808.98	700455	1019.8569 ng/ml
Oxazepam	5.763	902093	3289.97	71.6	8618.10	59039	906.7371 ng/ml
Oxycodone	2.843	4025804	894.39	30.1	879.49	177714	878.6687 ng/ml
Oxymorphone	1.411	1612317	∞	46.6	∞	58673	892.7890 ng/ml
Phentermine	3.794	1674906	∞	5.1	2369.79	270573	829.9170 ng/ml
Promethazine	5.552	2842691	2503.50	31.0	∞	117875	1033.6542 ng/ml
Pseudoephedrine	2.604	11080849	217182.61	16.8	697.05	520675	1031.9007 ng/ml
Quetiapine	5.528	5712388	74511.50	59.9	672.92	87864	917.8140 ng/ml
Sertraline	5.796	295841	22119.28	94.5	7546.17	12966	985.9697 ng/ml
Temazepam	5.837	2862194	49327.23	26.9	10754.52	142194	986.1070 ng/ml
Tramadol	4.251	11671301	1284.62	3.2	1233.53	586056	954.3902 ng/ml
Trazodone	5.059	3649286	1527.28	82.8	2671.66	248183	684.3038 ng/ml
Venlafaxine	5.050	10035445	269562.87	30.9	72984.19	502657	1038.0267 ng/ml
Zolpidem	4.832	12205566	351195.39	27.7	4921.22	624472	951.6071 ng/ml

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**Idaho State Police
Forensic Services**

Request for Departure from an Analytical Method or Quality Standard

Deviation Number (assigned by QM): TOX-22-01

Date of Request: **2/3/2022**

Requestor/Discipline: Celena Shrum/Toxicology

Analytical Method/Quality Standard, Revision #: AM #25, AM #28, AM #29, Revision 13

Temporary or Permanent Deviation: Permanent

Scope of Deviation (record specific information, e.g. affected programs, evidence types, expected end date; etc): Deviation will remain in place until the change is made in the next method revision.

Deviation Request (Describe detailed instructions of the changes being made; include reference to specific section number(s) in the method manual): 4.1.4 (Place plate on shaking incubator at approximately 900 rpm for approximately 15 minutes) of AM #25, AM # 28, and AM #29 is being removed. The removal of this step was tested in the validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022) and it was determined that that step is not necessary and can be removed.

Technical Justification for Analytical Method Deviations: Refer to validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022)

Technical Review

Departure approved
Comments:

Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager



Date: 2/10/2022

Quality Review

Quality Approver: Jason Crowe
Title: Quality Manager
Date: 2/10/2022

