

Worklist: 4927

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-0870	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-1439	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-1444	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-1522	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-0703	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-0712	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-0961	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-0980	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1024	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1090	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1097	1	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1097	2	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-1097	3	URINE	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

8C

AM# 28: Multi-Drug Quantitation by LC-MS/MSExtraction Date: 04/28/21Analyst: Sarah Collins

Plate lot#: IDP-107-2-201207

Plate Expiration: 06/07/2021

Mobile phase A: 5mM Amm Form + 0.01% FA**Mobile phase B:** 0.01% Formic Acid in MeOH**Blank Blood Lot:** Lampire 20L20724**Column:** Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)**Blank Urine Lot:** POCO31319**LCMS-QQQ ID:** 069901**Pre-Analytic:**

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate. **Pipette ID: #16**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). **(Load at 85-100 PSI- Selector to the right)**
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 15. Remove plate containing eluate. **If run contains urine, add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying (optional)**. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

Post-Analytic

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

COMMENTS:

Curves limited: alpha-hydroxyalprazolam 5-100, Amphetamine 5-500, Buprenorphine 0.5-50, Codeine 5-500, Lamotrigine 5-250, Lorazepam 5-100, Meprbamate 5-100, Phentermine 5-500, Dihydrocodeine 5-500

Due to using a surrogate ISTD for alpha-hydroxyalprazolam and hydromorphone, they will be reported qualitatively. This batch has all urine cases, and all results reported qualitatively.

Analytical Plate Map

80

	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	m2021-1439-2	p2021-1090-1				IS + Cal. 8
B	IS + Cal. 2	IS + QC_2			IS + Cal. 2	IS + QC_2	m2021-1444-2	p2021-1097-1				IS + Cal. 7
C	IS + Cal. 3	IS + QC_3			IS + Cal. 3	IS + QC_3	m2021-1522-2	p2021-1097-2				IS + Cal. 6
D	IS + Cal. 4	IS + QC_4			IS + Cal. 4	IS + QC_4	p2021-0703-1	p2021-1097-3			IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2			IS + Cal. 5	IS + QC_2 urine	p2021-0712-3				IS + QC_4	IS + Cal. 4
F	IS + Cal. 6				IS + Cal. 6	negative blood	p2021-0961-1				IS + QC_3	IS + Cal. 3
G	IS + Cal. 7				IS + Cal. 7	negative urine	p2021-0980-1				IS + QC_2	IS + Cal. 2
H	IS + Cal. 8				IS + Cal. 8	m2021-0870-3	p2021-1024-1				IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

SLE and Sample Plate Map

SC

	1	2	3	4	5	6	7	8	9	10	11	12
A									IS + Cal. 1	IS + QC_1	m2021-1439-2	p2021-1090-1
B									IS + Cal. 2	IS + QC_2	m2021-1444-2	p2021-1097-1
C									IS + Cal. 3	IS + QC_3	m2021-1522-2	p2021-1097-2
D									IS + Cal. 4	IS + QC_4	p2021-0703-1	p2021-1097-3
E									IS + Cal. 5	IS + QC_2 urine	p2021-0712-3	
F									IS + Cal. 6	negative blood	p2021-0961-1	
G									IS + Cal. 7	negative urine	p2021-0980-1	
H									IS + Cal. 8	m2021-0870-3	p2021-1024-1	

All wells to contain 60 µl of Trapping Solution

SC

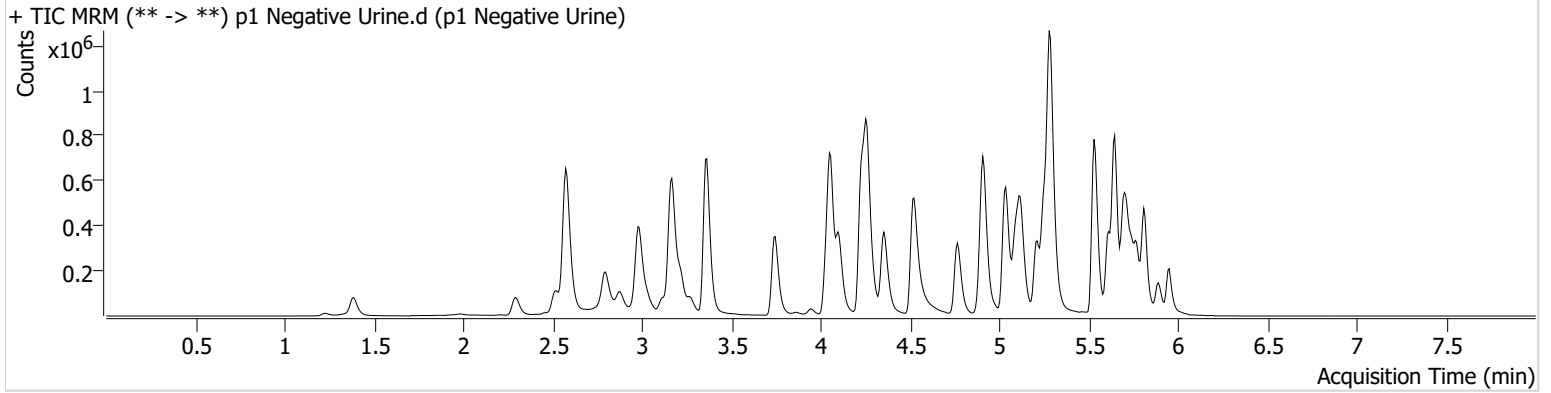


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument Type	Instrument 1 Sample	Data File	p1 Negative Urine.d
Acq. Method	AM 28 MDQ P1.m	Sample	p1 Negative Urine
Sample Position	P2-G10	Operator	Sarah Collins
Injection Volume	2	Comment	
Acq. Date-Time	4/28/2021 7:35:28 PM		
Sample Info.			

Sample Chromatogram



SC

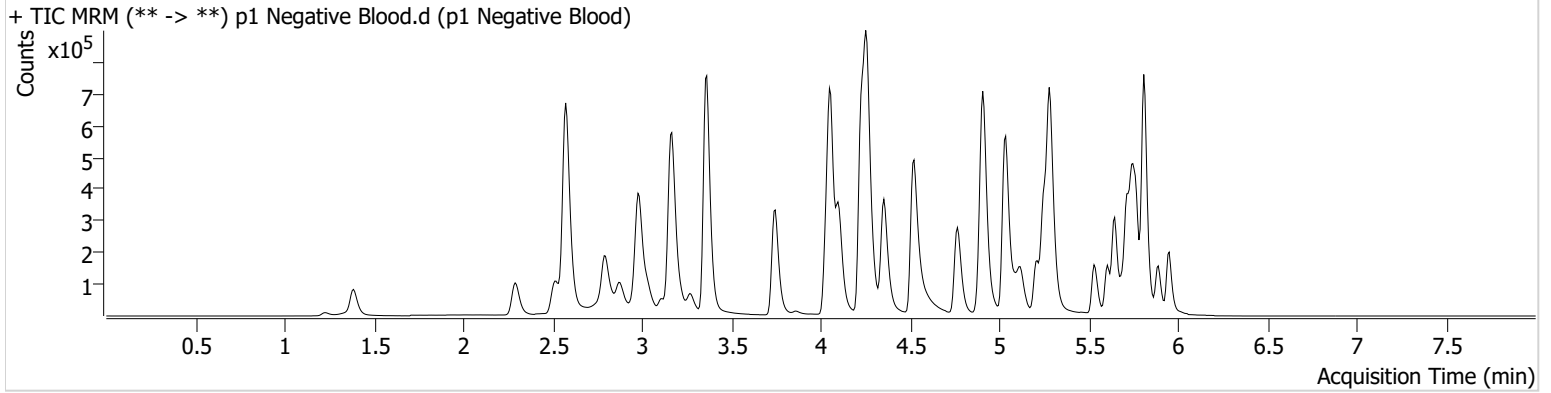


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument Type	Instrument 1 Sample	Data File	p1 Negative Blood.d
Acq. Method	AM 28 MDQ P1.m	Sample	p1 Negative Blood
Sample Position	P2-F10	Operator	Sarah Collins
Injection Volume	2	Comment	
Acq. Date-Time	4/28/2021 7:14:14 PM		
Sample Info.			

Sample Chromatogram



SC

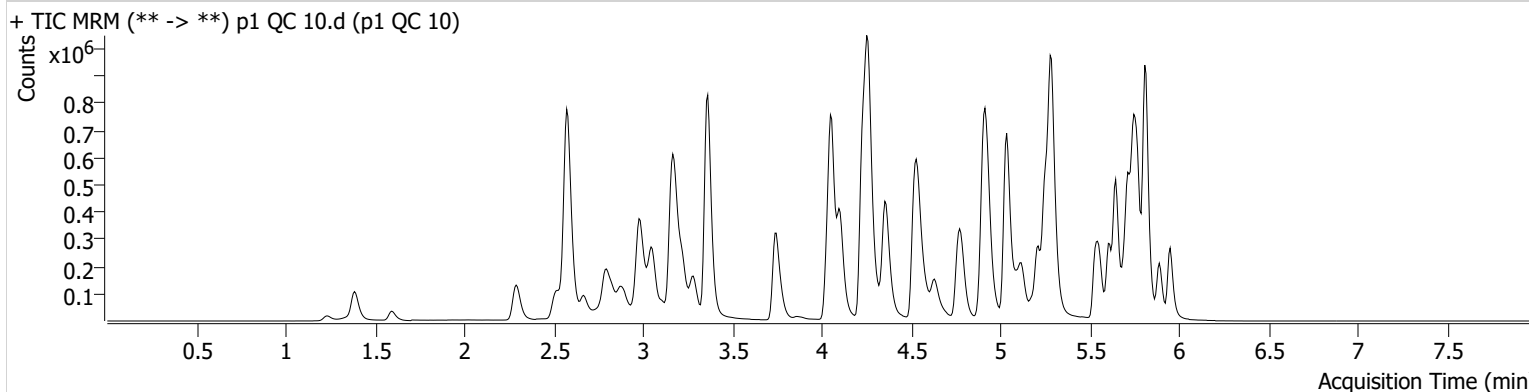


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	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-A10	Comment	
Injection Volume	2		
Acq. Date-Time	4/28/2021 5:59:59 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	3645	195.28	71.1	314.16	96277	0.9499 ng/ml
7-aminoclonazepam	4.271	77566	1364.88	77.1	104.22	281486	10.2243 ng/ml
a-hydroxyalprazolam	5.699	43015	91.33	60.6	281.37	493698	9.9695 ng/ml
alpha-PHP	4.930	54832	1174.12	270.1	7782.13	908080	11.1013 ng/ml
alpha-PVP	4.370	203452	302.62	51.6	611.87	908080	9.8526 ng/ml
Alprazolam	5.775	135448	353.76	111.3	399.99	493698	9.9382 ng/ml
Amphetamine	3.056	391475	967.14	48.1	1660.76	410165	10.4650 ng/ml
Benzoylcegonine	3.892	4789	260.49	8.6	485.96	18337	9.4262 ng/ml
Buprenorphine	5.860	3385	3759.13	17.8	∞	123404	0.9566 ng/ml
Bupropion	4.788	207865	26910.97	62.5	323.62	754445	9.7114 ng/ml
Carisoprodol	5.724	130436	363.44	59.5	423.51	677728	9.5365 ng/ml
Citalopram	5.212	111354	851.75	41.3	205.40	515027	10.1033 ng/ml
Clonazepam	5.612	159993	121.41	32.4	496.43	188290	10.2010 ng/ml
Clonazepam	5.555	101892	6330.12	37.8	98922.26	188290	9.7834 ng/ml
Cocaine	4.257	158531	35434.52	51.0	2035.51	1507729	9.9375 ng/ml
Codeine	2.566	18946	78.20	107.4	152.86	96606	9.8256 ng/ml
Cyclobenzaprine	5.615	34681	142.53	8.9	55.68	142159	10.0615 ng/ml
Dextromethorphan	5.262	54022	4522.09	82.1	158.05	259709	10.0348 ng/ml
Dextrophan	4.105	56465	235.86	206.8	768.68	683128	9.9002 ng/ml
Diazepam	5.953	84570	302.71	87.2	306.43	398739	9.8389 ng/ml
Dihydrocodeine	2.545	47431	115.71	64.2	1328.19	275435	10.3087 ng/ml
Diphenhydramine	5.289	284031	3434.97	32.7	117.63	1792997	9.5144 ng/ml
Doxylamine	4.543	371895	806.75	99.6	1956.70	1655851	9.8770 ng/ml
EDDP	5.254	150100	2261.27	41.6	105.48	778715	9.8110 ng/ml
Etizolam	5.813	79207	113367.00	25.0	28179.74	188290	9.6447 ng/ml
Fentanyl	5.109	5368	235.43	72.4	459.79	268594	0.9175 ng/ml
Flualprazolam	5.705	63906	1918.83	92.5	11122.11	493698	9.9768 ng/ml
Fluoxetine	5.700	30412	330.26	9.0	1637.15	113371	11.2199 ng/ml
Hydrocodone	3.012	71835	268.12	38.0	98.74	869969	10.0847 ng/ml
Hydromorphone	1.595	62885	1123.23	76.9	31.42	9836	9.8780 ng/ml
Ketamine	4.051	145996	7977.07	37.2	790.35	704062	9.8641 ng/ml
Lamotrigine	4.273	13599	324.45	83.8	918.19	704062	10.3957 ng/ml
Levetiracetam	2.670	61672	444.83	167.0	555.43	1855788	9.4776 ng/ml

8C



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	157304	934.01	56.1	161.68	188290	10.5219 ng/ml
MDA	3.189	261816	895.40	24.3	134.20	667621	10.3263 ng/ml
MDMA	3.283	150005	2432.16	78.1	736.65	141776	9.9426 ng/ml
Meprobamate	4.917	75010	37610.54	28.1	644.52	356552	9.7091 ng/ml
Methadone	5.646	175651	10354.83	47.6	294.08	823655	9.7356 ng/ml
Methamphetamine	3.224	286471	1413.79	38.2	427.19	1066511	10.2286 ng/ml
Metoprolol	4.326	36756	282.38	92.3	765.11	1659257	10.6937 ng/ml
Mirtazapine	4.631	193423	2788.61	51.1	2721.37	908080	13.6170 ng/ml
Mitragynine	5.237	26799	294.62	37.6	17811.64	823655	11.0155 ng/ml
Morphine	1.240	8875	977.23	32.9	180.78	9836	9.6761 ng/ml
Norbuprenorphine	4.986	380	232.79	109.1	659.33	20690	0.7449 ng/ml
Nordiazepam	5.900	83683	587.45	58.7	340.98	287891	9.9140 ng/ml
Norfentanyl	4.079	32765	292.17	34.8	34.94	1453746	0.9505 ng/ml
Norhydrocodone	3.053	11875	101.76	41.9	103.43	113499	9.2190 ng/ml
Noroxycodone	2.896	83395	13.68	42.8	1468.66	290345	9.8587 ng/ml
O-desmethyl-tramadol	3.362	305154	1114.97	6.8	523.62	1887670	9.7167 ng/ml
Oxazepam	5.749	178556	3361.85	72.4	97.37	712265	10.0337 ng/ml
Oxycodone	2.827	147728	1259.05	26.6	333.43	645727	10.0494 ng/ml
Oxymorphone	1.391	74336	1351.95	42.4	697.68	268205	9.9499 ng/ml
Phentermine	3.776	76690	182.97	4.5	23.13	900764	10.1038 ng/ml
Promethazine	5.538	80063	240.94	28.1	127.05	343996	9.9516 ng/ml
Pseudoephedrine	2.589	371733	365.55	16.4	1133.61	1855788	9.5106 ng/ml
Quetiapine	5.555	125630	2121.30	59.6	2430.92	174648	10.0304 ng/ml
Sertraline	5.769	11090	110.28	91.6	149.56	46047	11.2564 ng/ml
Temazepam	5.816	289868	14326.19	29.0	138.77	1444322	9.7885 ng/ml
Tramadol	4.246	341241	6043.53	3.4	41.34	1659257	10.1942 ng/ml
Trazodone	5.176	94712	151.21	82.4	101.13	408788	9.8854 ng/ml
Venlafaxine	5.037	290160	4549.75	37.9	1093.72	1502624	9.7987 ng/ml
Zolpidem	4.935	325359	222.25	32.0	1030.79	1628299	9.8765 ng/ml

SC

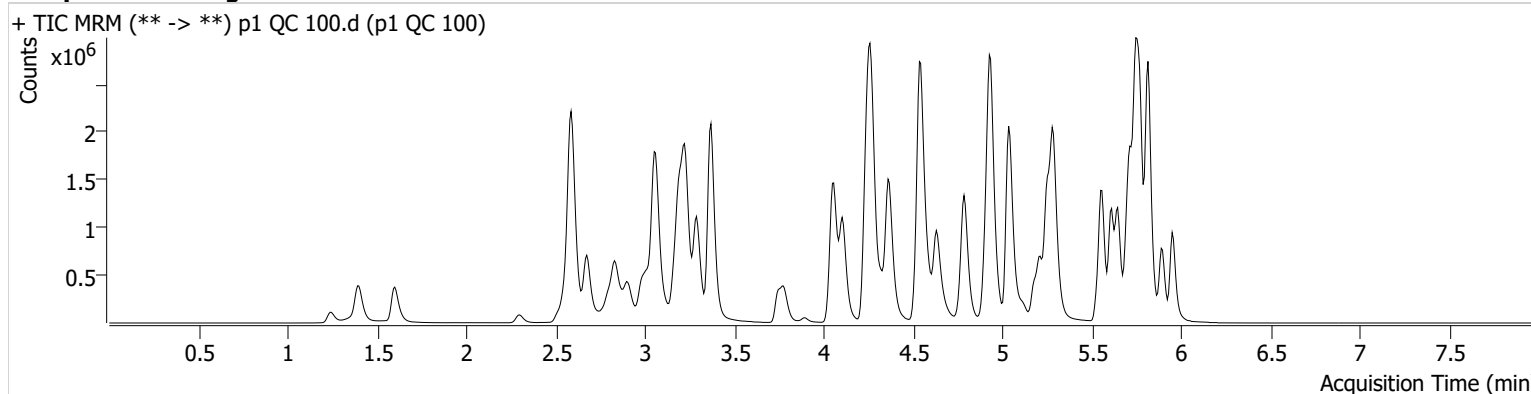


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	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-B10	Comment	
Injection Volume	2		
Acq. Date-Time	4/29/2021 12:54:15 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	42719	419.14	69.3	85767.52	106930	10.1078 ng/ml
7-aminoclonazepam	4.271	758487	21844.39	79.1	4931.70	271805	101.4882 ng/ml
a-hydroxyalprazolam	5.692	392732	615.18	58.7	1240.88	484029	93.7345 ng/ml
alpha-PHP	4.937	501442	6311.74	264.9	118013.10	890595	111.3048 ng/ml
alpha-PVP	4.370	2115139	54463.52	52.2	37110.15	890595	101.8509 ng/ml
Alprazolam	5.775	1377108	3318.41	114.8	2146.30	484029	101.6472 ng/ml
Amphetamine	3.063	3542914	1836.13	48.5	3373.36	420423	101.5068 ng/ml
Benzoylcegonine	3.892	51227	252.75	7.5	714.16	18569	104.4726 ng/ml
Buprenorphine	5.860	21896	15536.09	14.6	6057.73	75449	10.0343 ng/ml
Bupropion	4.788	2024209	539.71	60.7	6781.17	688150	104.0120 ng/ml
Carisoprodol	5.724	1287671	172883.89	54.7	7349.34	602120	103.1546 ng/ml
Citalopram	5.212	791583	5206.65	42.7	38379.35	358205	100.9197 ng/ml
Clonazepam	5.612	1613233	41236.69	32.1	13588.33	185763	107.6241 ng/ml
Clonazepam	5.548	1100715	93785.25	37.8	905045.15	185763	108.3799 ng/ml
Cocaine	4.264	1632319	69940.62	51.9	2196.43	1487130	101.5219 ng/ml
Codeine	2.573	191141	97454.02	102.7	404.19	98303	105.0502 ng/ml
Cyclobenzaprine	5.615	192938	1775.47	8.7	522.66	75935	101.9129 ng/ml
Dextromethorphan	5.262	354153	14708.77	79.1	275.42	165323	100.6070 ng/ml
Dextrophan	4.111	583503	31368.56	206.7	3018.29	671592	102.6277 ng/ml
Diazepam	5.953	877749	6972.89	87.8	19739.96	398645	103.0985 ng/ml
Dihydrocodeine	2.552	517222	199.63	64.5	1167.84	302958	107.1402 ng/ml
Diphenhydramine	5.289	2175846	181241.34	32.9	25036.54	1259605	100.5844 ng/ml
Doxylamine	4.543	4139894	230051.86	97.3	130614.60	1733390	104.4370 ng/ml
EDDP	5.254	1494342	39309.61	42.1	11140.97	748962	100.4207 ng/ml
Etizolam	5.813	796576	4457.21	25.0	3544.26	185763	92.6219 ng/ml
Fentanyl	5.109	29656	147.41	70.5	34765.86	142366	10.1390 ng/ml
Flualprazolam	5.705	669345	53559.86	96.8	1189.64	484029	111.0296 ng/ml
Fluoxetine	5.700	137594	140413.19	9.1	139.10	57963	101.2737 ng/ml
Hydrocodone	3.012	759630	808.24	39.4	∞	915648	106.4722 ng/ml
Hydromorphone	1.601	683083	2558.03	76.7	4426.11	11270	96.3850 ng/ml
Ketamine	4.051	1575352	47472.51	37.7	3437.17	740395	103.3546 ng/ml
Lamotrigine	4.280	129984	1872.19	79.4	1851.52	740395	102.2855 ng/ml
Levetiracetam	2.676	666886	4993.10	163.8	5138.31	1823534	98.0272 ng/ml

8C



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1225104	31513.93	55.6	3092.97	185763	88.7335 ng/ml
MDA	3.196	2297117	4731.83	24.8	743.21	627981	104.6620 ng/ml
MDMA	3.290	1497664	1129832.14	79.2	15750.44	138060	100.3791 ng/ml
Meprobamate	4.917	743712	38293.27	27.2	21381.88	371024	95.1663 ng/ml
Methadone	5.646	1204603	860.16	46.4	5426.97	536875	100.4406 ng/ml
Methamphetamine	3.231	2909087	788.47	37.9	3743.77	1085248	113.1835 ng/ml
Metoprolol	4.326	386283	2669.81	89.6	5846.80	1710543	111.4765 ng/ml
Mirtazapine	4.631	1473124	94516.16	48.8	6020.47	890595	105.9398 ng/ml
Mitragynine	5.237	153096	2417.54	40.1	113.74	536875	98.8697 ng/ml
Morphine	1.247	99169	8277.05	30.2	1321.36	11270	94.4431 ng/ml
Norbuprenorphine	4.986	2764	1500.62	106.1	7587.28	13587	9.1697 ng/ml
Nordiazepam	5.900	862864	1322.69	57.5	825.35	284099	103.7487 ng/ml
Norfentanyl	4.079	346893	13453.14	33.8	1605.81	1431726	9.6269 ng/ml
Norhydrocodone	3.059	107191	242.92	41.6	130.49	95202	95.3463 ng/ml
Noroxycodone	2.903	831830	912.28	42.2	729.40	281523	102.4140 ng/ml
O-desmethyl-tramadol	3.369	3356697	70335.58	6.7	2219.26	1963239	100.4751 ng/ml
Oxazepam	5.749	1584506	14108.26	75.4	4627.93	599675	106.4204 ng/ml
Oxycodone	2.827	1639736	1371.14	26.5	1032.58	683893	105.8654 ng/ml
Oxymorphone	1.398	781709	∞	43.0	∞	270654	104.9397 ng/ml
Phentermine	3.783	756303	3636.16	4.7	440.33	890419	106.5680 ng/ml
Promethazine	5.532	426085	25340.61	28.0	403.55	177569	100.8737 ng/ml
Pseudoephedrine	2.589	3965985	1897.45	16.5	2643.58	1823534	98.3334 ng/ml
Quetiapine	5.555	979427	22038.33	58.4	42952.92	133130	102.2623 ng/ml
Sertraline	5.769	56884	109.18	98.5	491.67	27854	96.5452 ng/ml
Temazepam	5.816	2838523	2191.22	27.9	632.57	1283530	102.5036 ng/ml
Tramadol	4.246	3558854	3891.57	3.6	942.02	1710543	105.9617 ng/ml
Trazodone	5.176	629501	415.64	78.5	16812.77	256489	103.3192 ng/ml
Venlafaxine	5.037	3054513	1717.10	38.7	864.64	1468549	101.8163 ng/ml
Zolpidem	4.935	3478459	12474.28	30.4	648.82	1663139	106.3592 ng/ml

SC

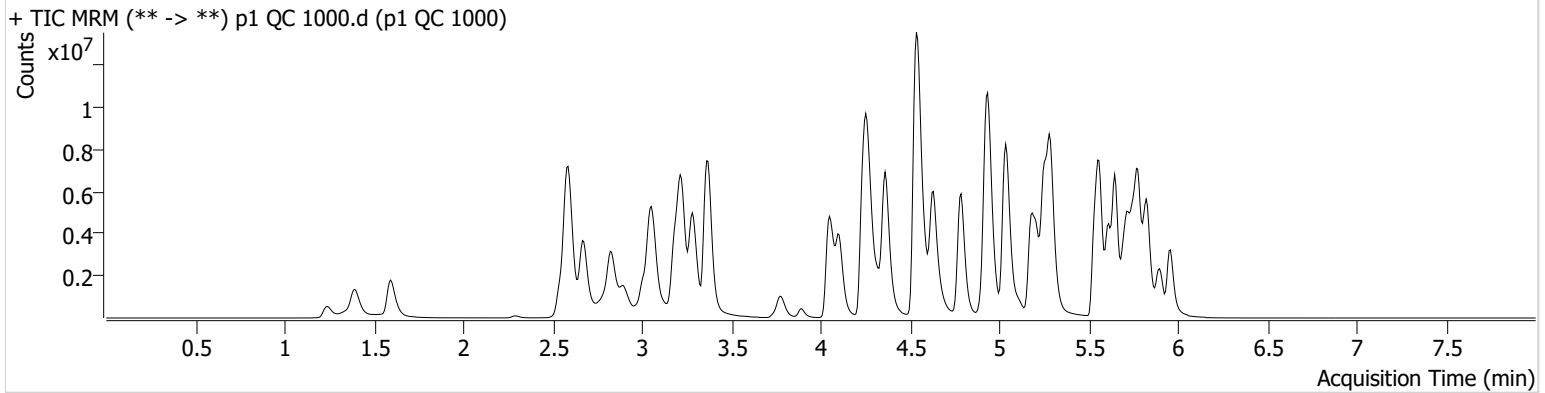


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	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-D10	Comment	
Injection Volume	2		
Acq. Date-Time	4/28/2021 6:42:24 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	301373	3694.26	70.4	20826.77	75888	100.5575 ng/ml
7-aminoclonazepam	4.278	2469419	16959.24	79.3	20520.01	93241	961.2885 ng/ml
* a-hydroxyalprazolam	5.685	901822	522.99	58.4	634.47	215056	484.8914 ng/ml
alpha-PHP	4.930	2045287	8940.11	271.6	80979.89	510996	796.9598 ng/ml
alpha-PVP	4.363	12335620	1472.12	51.6	184311.55	510996	1032.7874 ng/ml
Alprazolam	5.775	5986709	622.16	111.5	2066.60	215056	993.2432 ng/ml
* Amphetamine	3.056	11846576	405392.06	48.3	41251.41	206612	697.4010 ng/ml
Benzoylcegonine	3.892	484862	50745.06	7.7	3471.69	17936	1028.2253 ng/ml
* Buprenorphine	5.860	134991	129963.23	14.7	56018.95	36167	128.9456 ng/ml
Bupropion	4.788	10363574	2985.95	60.4	1386.33	365049	1004.1465 ng/ml
Carisoprodol	5.724	3732637	12302307.04	55.0	5099.59	163843	1096.2055 ng/ml
Citalopram	5.212	4786169	811.86	40.8	952.22	208712	1044.8697 ng/ml
Clonazepam	5.612	4984935	50152.17	31.6	55087.29	72201	858.1710 ng/ml
Clonazepam	5.555	3618605	67454.45	37.4	1774677.99	72201	917.6467 ng/ml
Cocaine	4.257	8849678	852.85	51.3	12330.17	783559	1042.4411 ng/ml
* Codeine	2.566	755874	11276.65	97.6	8354.56	55395	742.3477 ng/ml
Cyclobenzaprine	5.615	3398362	146608.16	8.9	498.75	133585	1017.6307 ng/ml
Dextromethorphan	5.262	2104055	111186.85	79.9	12271.30	98888	996.6448 ng/ml
Dextrophan	4.105	2912990	70740.31	209.6	2363.88	331563	1036.3920 ng/ml
Diazepam	5.960	4172173	783.96	88.8	32285.21	207893	940.5299 ng/ml
* Dihydrocodeine	2.538	2786806	32478.14	67.4	1259.04	231772	757.9249 ng/ml
Diphenhydramine	5.289	12483541	231226.61	32.8	30888.80	711038	1019.3783 ng/ml
Doxylamine	4.536	25686755	342813.36	97.3	16093.09	1166494	962.4081 ng/ml
EDDP	5.254	9834705	1071.54	41.2	871.22	485722	1017.9657 ng/ml
Etizolam	5.813	3907160	33938.98	25.6	8588.78	72201	1161.6673 ng/ml
Fentanyl	5.109	402763	607.64	69.3	1014950.99	189214	104.1687 ng/ml
Flualprazolam	5.705	2455873	36593.12	101.1	19425.27	215056	920.2139 ng/ml
Fluoxetine	5.700	2031985	46002.46	8.7	99.96	90368	961.4423 ng/ml
Hydrocodone	3.005	4144219	765.30	39.6	∞	622019	859.0714 ng/ml
Hydromorphone	1.595	3881203	12406264.69	77.2	13958034.6	6861	902.2344 ng/ml
Ketamine	4.051	9498398	181702.77	36.3	13254.70	491536	940.5333 ng/ml
* Lamotrigine	4.280	472425	5772.45	81.1	1143.76	491536	564.2815 ng/ml

8C



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.676	3822668	7563.19	166.9	7603.50	865955	1176.3201 ng/ml
* Lorazepam	5.747	1737981	18454.05	57.2	3752.95	72201	326.0542 ng/ml
MDA	3.189	7327532	12588.70	23.2	1505.41	263713	801.6287 ng/ml
MDMA	3.283	7954400	11938.20	77.0	6600.98	72582	1012.5535 ng/ml
* Meprobamate	4.911	1951614	72530.12	27.3	13196.84	214869	432.3225 ng/ml
Methadone	5.646	8924839	80686.43	47.1	95736.82	384087	1038.2246 ng/ml
Methamphetamine	3.224	13325160	96236.90	35.8	128406.30	660148	860.3648 ng/ml
Metoprolol	4.319	1819881	63959.79	92.2	5796.82	1025830	877.5848 ng/ml
Mirtazapine	4.631	9777733	258625.05	49.9	189220.56	510996	1225.8260 ng/ml
Mitragynine	5.237	1248108	422673.56	40.2	75082.34	384087	1129.7824 ng/ml
Morphine	1.240	597715	∞	34.5	7933.66	6861	935.0692 ng/ml
Norbuprenorphine	4.986	16336	5530.09	95.3	4188.55	7808	95.1460 ng/ml
Nordiazepam	5.900	3494341	∞	56.7	3342.65	125858	948.5421 ng/ml
Norfentanyl	4.079	1853603	810.06	34.2	6425.40	661945	110.6213 ng/ml
Norhydrocodone	3.053	479889	515.81	45.8	160.61	42115	961.3038 ng/ml
Noroxycodone	2.896	3134521	2851.60	43.1	372.77	113090	961.5935 ng/ml
O-desmethyl-tramadol	3.369	20541850	234848.77	7.0	56507.86	1247886	965.2837 ng/ml
Oxazepam	5.749	2475053	12502.28	74.5	9493.95	113769	876.7161 ng/ml
Oxycodone	2.821	10611578	2517.40	26.4	3613.46	494483	947.9945 ng/ml
Oxymorphone	1.391	4269569	∞	41.9	5011.40	162138	957.8514 ng/ml
* Phentermine	3.776	3162259	4051.66	4.3	1646.78	525102	759.4904 ng/ml
Promethazine	5.532	7847870	314964.24	26.9	50307.17	313550	1050.4446 ng/ml
Pseudoephedrine	2.589	20162351	63620.10	15.8	2490.13	865955	1047.8595 ng/ml
Quetiapine	5.555	6948957	391359.90	58.3	75542.82	93969	1027.5898 ng/ml
Sertraline	5.769	1003386	6074.19	100.7	51285.67	47110	1008.2724 ng/ml
Temazepam	5.830	7636250	17429.02	27.7	4930.67	329463	1069.2326 ng/ml
Tramadol	4.239	18143805	1719.62	3.6	885.36	1025830	903.1253 ng/ml
Trazodone	5.176	7289763	480538.36	80.5	194832.72	321706	952.7107 ng/ml
Venlafaxine	5.037	17363968	262808.69	38.1	1596.84	818178	1035.3672 ng/ml
Zolpidem	4.935	19601490	188185.64	31.3	395616.09	1156359	864.2476 ng/ml

*OCR

SC

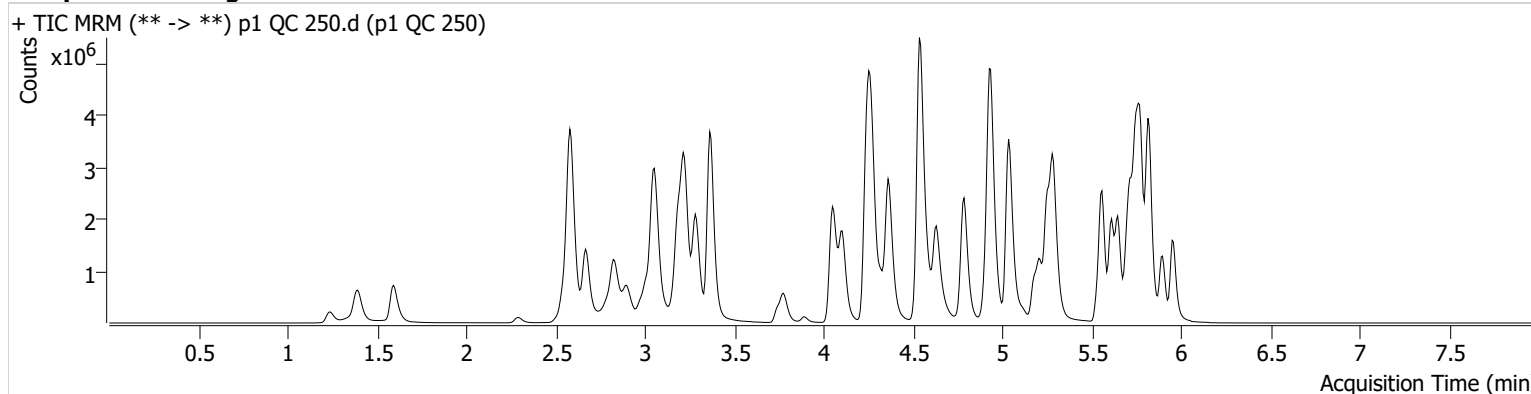


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	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-C10	Comment	
Injection Volume	2		
Acq. Date-Time	4/28/2021 6:21:11 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	92761	1119.80	70.1	386.14	94668	24.8043 ng/ml
7-aminoclonazepam	4.271	1441621	13281.55	78.2	11927.55	210113	249.2029 ng/ml
* a-hydroxyalprazolam	5.692	632941	905.98	59.5	1656.40	382252	191.3998 ng/ml
alpha-PHP	4.930	949598	4664.84	267.4	33270.38	757817	248.8600 ng/ml
alpha-PVP	4.363	4435322	216607.12	51.7	107055.68	757817	250.6011 ng/ml
Alprazolam	5.775	2712558	19770.92	113.4	3099.33	382252	253.3035 ng/ml
Amphetamine	3.056	6309543	1694.46	47.9	23241.82	324833	235.4867 ng/ml
Benzoylecgonine	3.892	121066	4604.17	7.7	1506.51	19060	241.2124 ng/ml
Buprenorphine	5.860	41284	40386.05	15.7	16111.04	55429	25.7389 ng/ml
Bupropion	4.788	3944087	1122.90	61.2	1039.43	566781	246.1075 ng/ml
Carisoprodol	5.724	2151746	4434297.33	55.7	17429.78	420582	246.3912 ng/ml
Citalopram	5.212	1533858	862.40	41.6	1185.23	290542	240.7411 ng/ml
Clonazepam	5.612	2899296	2451.45	31.9	1379766.04	140328	256.5517 ng/ml
Clonazolam	5.555	2042312	433267.00	38.2	889258.19	140328	266.3861 ng/ml
Cocaine	4.257	3337419	1312.24	52.1	1002.43	1241705	248.2568 ng/ml
Codeine	2.566	351787	1189.71	101.3	3371.38	80000	238.6543 ng/ml
Cyclobenzaprine	5.615	423236	361.45	8.9	3361.20	70415	240.6663 ng/ml
Dextromethorphan	5.262	655560	1079.80	80.3	269.25	123884	248.0918 ng/ml
Dextrophan	4.105	1146559	6585.98	206.5	1018.65	542667	249.3522 ng/ml
Diazepam	5.960	1736512	891.24	87.5	6922.20	323498	251.4942 ng/ml
Dihydrocodeine	2.545	1061723	4478.97	66.2	2640.52	273388	244.4247 ng/ml
Diphenhydramine	5.289	4090449	69563.82	32.8	27377.23	989110	240.3579 ng/ml
Doxylamine	4.536	9012637	10670.75	96.6	96676.01	1529874	257.5164 ng/ml
EDDP	5.254	2986344	27513.41	42.7	37756.11	624172	240.6372 ng/ml
Etizolam	5.813	1562708	14938.35	25.4	43652.89	140328	239.5476 ng/ml
Fentanyl	5.109	62473	371.74	71.0	93459.44	125563	24.3016 ng/ml
Flualprazolam	5.705	1198213	11862.09	100.9	43954.38	382252	252.2586 ng/ml
Fluoxetine	5.700	283695	163.37	8.5	33210.94	48884	247.9541 ng/ml
Hydrocodone	3.012	1552201	2054.29	39.2	902.43	803964	248.5398 ng/ml
Hydromorphone	1.595	1391648	5106.05	77.0	7044.72	9079	244.2456 ng/ml
Ketamine	4.051	3321610	262199.79	37.1	1532.28	645190	250.4067 ng/ml
Lamotrigine	4.273	227366	2675.25	80.2	2252.54	645190	206.2877 ng/ml
Levetiracetam	2.670	1376469	8478.95	166.2	20651.23	1500326	244.9718 ng/ml

8C



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.747	1632696	25176.94	55.2	2569.75	140328	157.1729 ng/ml
MDA	3.189	3947670	12938.80	23.6	1913.16	462431	245.5930 ng/ml
MDMA	3.283	2983752	4301.12	79.1	1881.76	114553	240.7839 ng/ml
* Meprobamate	4.917	1174584	140860.57	27.3	493.41	298101	187.3699 ng/ml
Methadone	5.646	2346304	27609.73	46.1	1788.58	417153	251.4683 ng/ml
Methamphetamine	3.224	5591262	11849.71	37.0	35043.37	924482	256.9217 ng/ml
Metoprolol	4.326	774228	496641.17	91.3	24364.99	1465542	261.1437 ng/ml
Mirtazapine	4.631	2841600	9963.11	50.3	76972.30	757817	240.1956 ng/ml
Mitragynine	5.237	305068	2143.67	39.5	51699.40	417153	254.0250 ng/ml
Morphine	1.240	204639	1364.17	33.3	1491.72	9079	241.9296 ng/ml
Norbuprenorphine	4.986	5256	3567.78	95.2	11592.93	10088	23.6210 ng/ml
Nordiazepam	5.900	1644469	2397.94	56.8	1127.36	227896	246.5131 ng/ml
Norfentanyl	4.079	716433	29671.96	34.1	4841.95	1181341	24.0052 ng/ml
Norhydrocodone	3.053	191146	∞	38.5	173.35	61289	263.4014 ng/ml
Noroxycodone	2.896	1531201	1307.55	42.3	22435.53	211181	251.4695 ng/ml
O-desmethyl-tramadol	3.362	7638228	132269.90	6.5	6319.80	1787609	250.7366 ng/ml
Oxazepam	5.749	2344157	32829.92	74.6	261.05	382822	246.7169 ng/ml
Oxycodone	2.821	3523425	3150.18	26.7	1280.81	622685	249.9196 ng/ml
Oxymorphone	1.391	1551837	∞	43.5	∞	225628	250.0808 ng/ml
Phentermine	3.776	1411156	1543.08	4.3	4711.52	754690	235.3738 ng/ml
Promethazine	5.532	938249	871.68	28.5	1674.70	163203	241.4211 ng/ml
Pseudoephedrine	2.583	8257083	58181.94	15.9	136358.89	1500326	248.0660 ng/ml
Quetiapine	5.555	1865009	581421.61	58.4	550.73	105315	246.1061 ng/ml
Sertraline	5.769	123768	1463.41	101.0	6483.28	24896	235.2322 ng/ml
Temazepam	5.823	4807345	69243.83	27.8	306.32	884468	251.1481 ng/ml
Tramadol	4.239	7555985	1844.53	3.5	859.13	1465542	263.0416 ng/ml
Trazodone	5.176	1315133	492.18	80.1	46165.95	224549	246.3518 ng/ml
Venlafaxine	5.037	6307094	158271.69	37.5	40615.85	1219058	252.6936 ng/ml
Zolpidem	4.935	7098294	1620.95	30.0	3417.20	1425862	253.5934 ng/ml

*OCR

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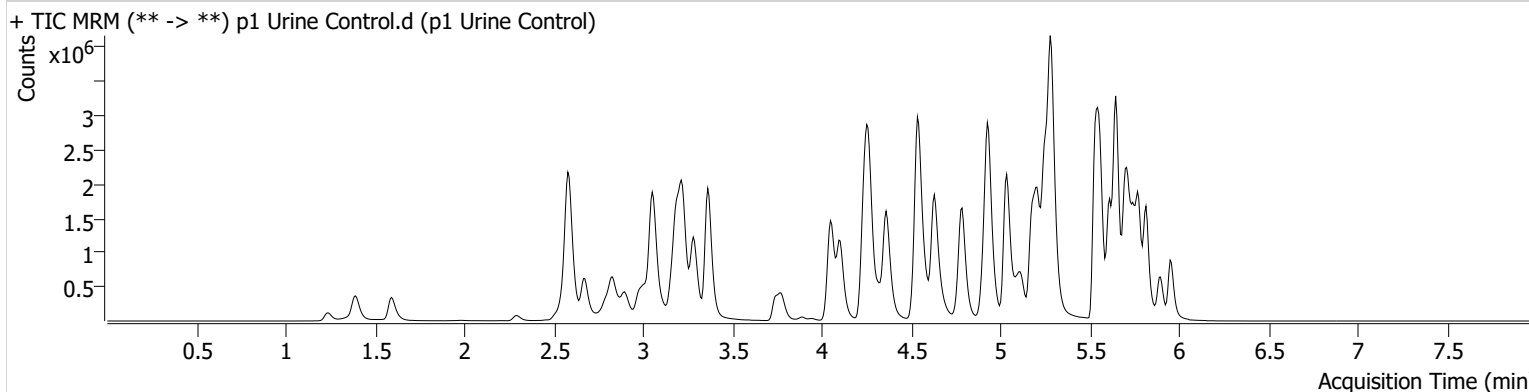


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	Data File	p1 Urine Control.d
Type	Sample	Sample	p1 Urine Control
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-E10	Comment	
Injection Volume	2		
Acq. Date-Time	4/28/2021 7:56:42 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	39150	878.08	70.6	3290.35	95142	10.4114 ng/ml
7-aminoclonazepam	4.271	711989	4973.94	80.5	5130.47	252726	102.4568 ng/ml
a-hydroxyalprazolam	5.692	268540	372.20	57.4	559.74	300916	103.1056 ng/ml
alpha-PHP	4.930	589333	2038.77	268.8	5460.51	934520	124.7778 ng/ml
alpha-PVP	4.363	2252754	1378.98	52.3	15768.68	934520	103.3748 ng/ml
Alprazolam	5.775	918880	895.32	112.4	1264.56	300916	109.0857 ng/ml
Amphetamine	3.056	3708450	2235.15	49.2	20961.28	424262	105.3312 ng/ml
Benzoylecgonine	3.892	52268	2805.64	7.3	76.12	18676	105.9923 ng/ml
Buprenorphine	5.860	53140	2575.75	13.9	7839.61	167498	10.9689 ng/ml
Bupropion	4.788	2541687	1152.31	60.7	708.89	838713	107.1579 ng/ml
Carisoprodol	5.724	851378	206017.17	56.2	1811.71	391382	104.9225 ng/ml
Citalopram	5.212	1858952	1796.65	41.8	1116.98	803151	105.6897 ng/ml
Clonazepam	5.612	1027328	801.91	32.0	11442.43	120433	105.7085 ng/ml
Clonazepam	5.549	634872	112251.56	37.7	546360.16	120433	96.4078 ng/ml
Cocaine	4.257	1604509	1050.65	51.8	29038.46	1399895	106.0005 ng/ml
Codeine	2.566	184198	8799.47	101.4	35949.53	86907	114.5863 ng/ml
Cyclobenzaprine	5.615	1593943	1001.78	9.1	468.64	601589	106.2605 ng/ml
Dextromethorphan	5.262	1111110	16266.73	80.8	5781.54	505255	103.2724 ng/ml
Dextroprhan	4.105	640108	4663.58	207.8	65489.72	714326	105.8436 ng/ml
Diazepam	5.960	823063	12386.99	87.5	8897.25	361719	106.5477 ng/ml
Dihydrocodeine	2.545	481358	3654.21	64.8	1421.11	269434	112.1433 ng/ml
Diphenhydramine	5.289	4747086	5207.77	32.7	764.89	2662403	103.8118 ng/ml
Doxylamine	4.536	4533137	43433.31	97.6	93377.07	1831895	108.2058 ng/ml
EDDP	5.254	1752044	14998.78	42.5	650.44	855370	103.0884 ng/ml
Etizolam	5.813	620633	4968.22	25.5	3677.42	120433	111.1857 ng/ml
Fentanyl	5.109	194897	3778.63	70.2	167.16	893298	10.6221 ng/ml
Flualprazolam	5.705	496746	11230.18	99.8	13102.43	300916	132.6293 ng/ml
Fluoxetine	5.700	1843180	1707.58	8.5	8315.26	723242	108.7439 ng/ml
Hydrocodone	3.012	738445	558.25	38.7	214.62	866496	109.3894 ng/ml
Hydromorphone	1.595	628292	4314.89	77.2	4015.92	11093	90.0417 ng/ml
Ketamine	4.051	1523223	2891.87	37.4	565.10	690535	107.1588 ng/ml
Lamotrigine	4.273	139281	2014.57	82.2	1643.57	690535	117.6583 ng/ml
Levetiracetam	2.676	572108	3830.99	165.8	4764.37	1762454	87.0804 ng/ml

8C



AM #28 Multi-Drug Quant. Results

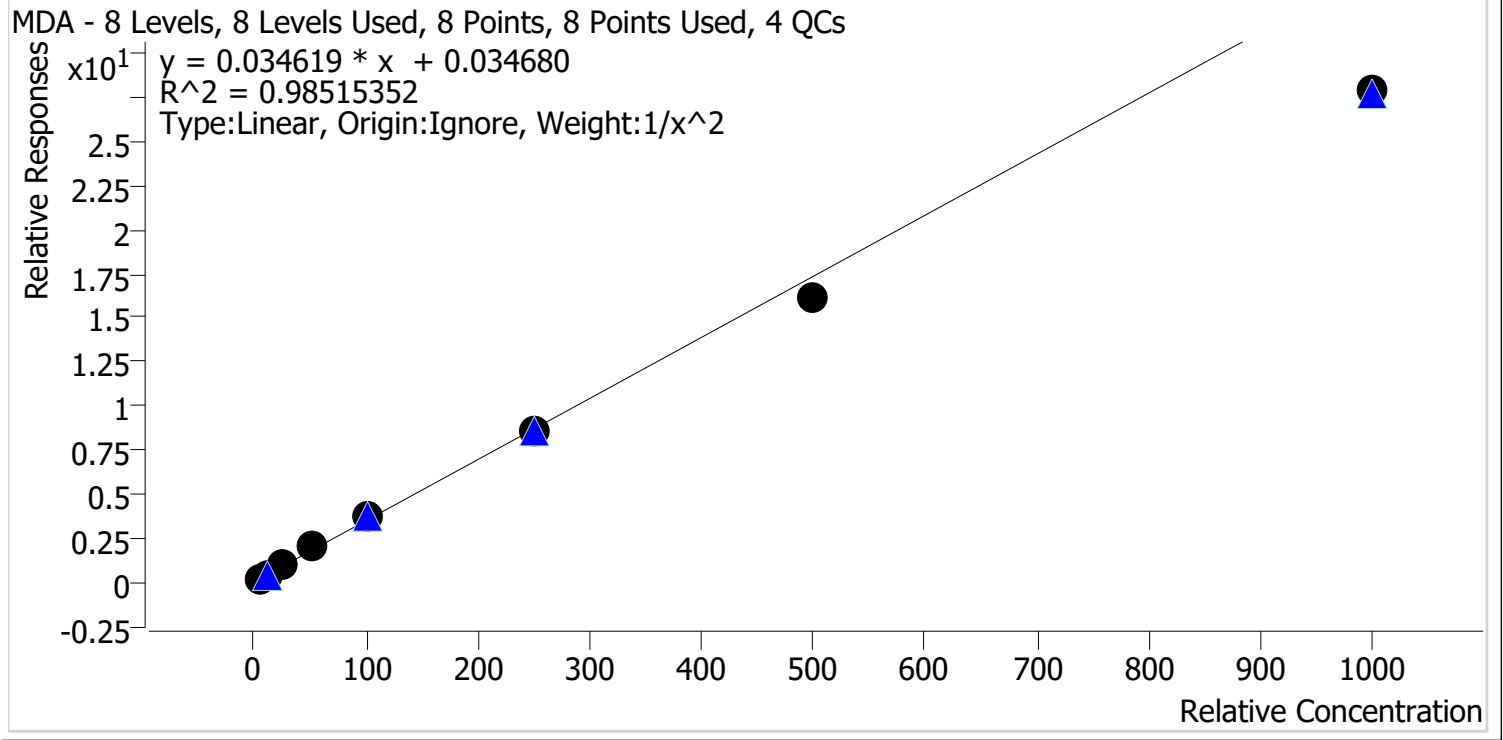
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	570967	3706.07	56.6	1011.86	120433	63.5569 ng/ml
MDA	3.189	2593434	5574.01	24.3	986.79	641271	115.8199 ng/ml
MDMA	3.283	1684338	114559.05	76.6	6406.75	145084	107.4136 ng/ml
Meprobamate	4.917	562966	425.16	28.5	1356.88	284596	93.9109 ng/ml
Methadone	5.646	3638893	1288.91	46.8	15808.23	1557568	104.5743 ng/ml
Methamphetamine	3.224	3025013	17257.85	37.6	48580.94	1113672	114.7063 ng/ml
Metoprolol	4.319	399464	1617.00	91.1	2652.19	1669777	118.1109 ng/ml
Mirtazapine	4.631	3178908	100231.24	49.6	2448.71	934520	217.8966 ng/ml
Mitragynine	5.237	703565	3789.75	39.5	45315.97	1557568	156.7891 ng/ml
Morphine	1.240	104505	1539.72	32.3	990.98	11093	101.1072 ng/ml
Norbuprenorphine	4.986	7068	113393.98	99.2	269.50	33166	9.6091 ng/ml
Nordiazepam	5.900	708670	10530.29	57.5	5042.53	228753	105.8250 ng/ml
Norfentanyl	4.079	357748	472.02	34.2	558.96	1442077	9.8554 ng/ml
Norhydrocodone	3.053	88709	255.24	42.1	103.07	78345	95.8815 ng/ml
Noroxycodone	2.896	798852	943.89	42.0	1620.33	257507	107.5316 ng/ml
O-desmethyl-tramadol	3.362	3143157	130449.76	6.7	1085.73	1761142	104.8692 ng/ml
Oxazepam	5.749	652247	3872.44	76.0	1145.49	296490	88.5914 ng/ml
Oxycodone	2.827	1619805	6619.49	27.2	1274.43	666898	107.2444 ng/ml
Oxymorphone	1.391	750875	∞	42.1	∞	247805	110.1012 ng/ml
Phentermine	3.776	822872	783.45	4.4	450.17	941086	109.7243 ng/ml
Promethazine	5.532	3901334	923.20	27.8	895.32	1541250	106.4018 ng/ml
Pseudoephedrine	2.589	3913610	52047.65	16.3	9323.32	1762454	100.3872 ng/ml
Quetiapine	5.555	2104114	49092.33	58.7	37988.04	263017	111.1969 ng/ml
Sertraline	5.769	479619	362.04	98.2	554.02	222392	101.9618 ng/ml
Temazepam	5.816	1402354	11181.80	30.2	∞	641437	101.3403 ng/ml
Tramadol	4.239	3534395	14347.49	3.6	850.12	1669777	107.8080 ng/ml
Trazodone	5.176	2503726	82453.85	80.5	3253.49	1010913	104.2609 ng/ml
Venlafaxine	5.037	3215754	1227.38	38.4	286.89	1510497	104.2051 ng/ml
Zolpidem	4.935	3496805	56694.58	31.0	4789.79	1652680	107.6004 ng/ml

8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	57.5	115.0
p1 Cal 5-100ng	5	✓	100.0	107.2	107.2
p1 Cal 6-250ng	6	✓	250.0	248.4	99.4
p1 Cal 7-500ng	7	✓	500.0	463.0	92.6
p1 Cal 8-1000ng	8	✓	1000.0	804.1	80.4

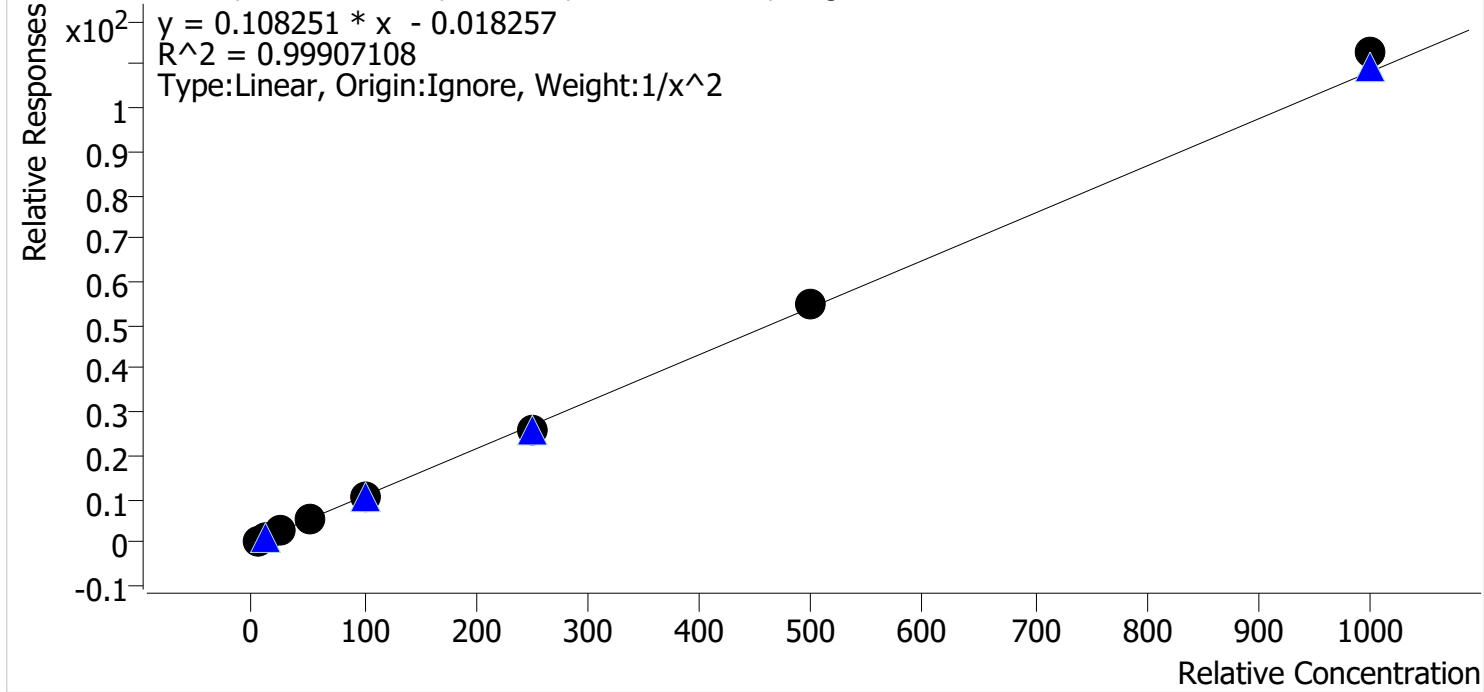
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	242.4	96.9
p1 Cal 7-500ng	7	✓	500.0	508.2	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1040.7	104.1

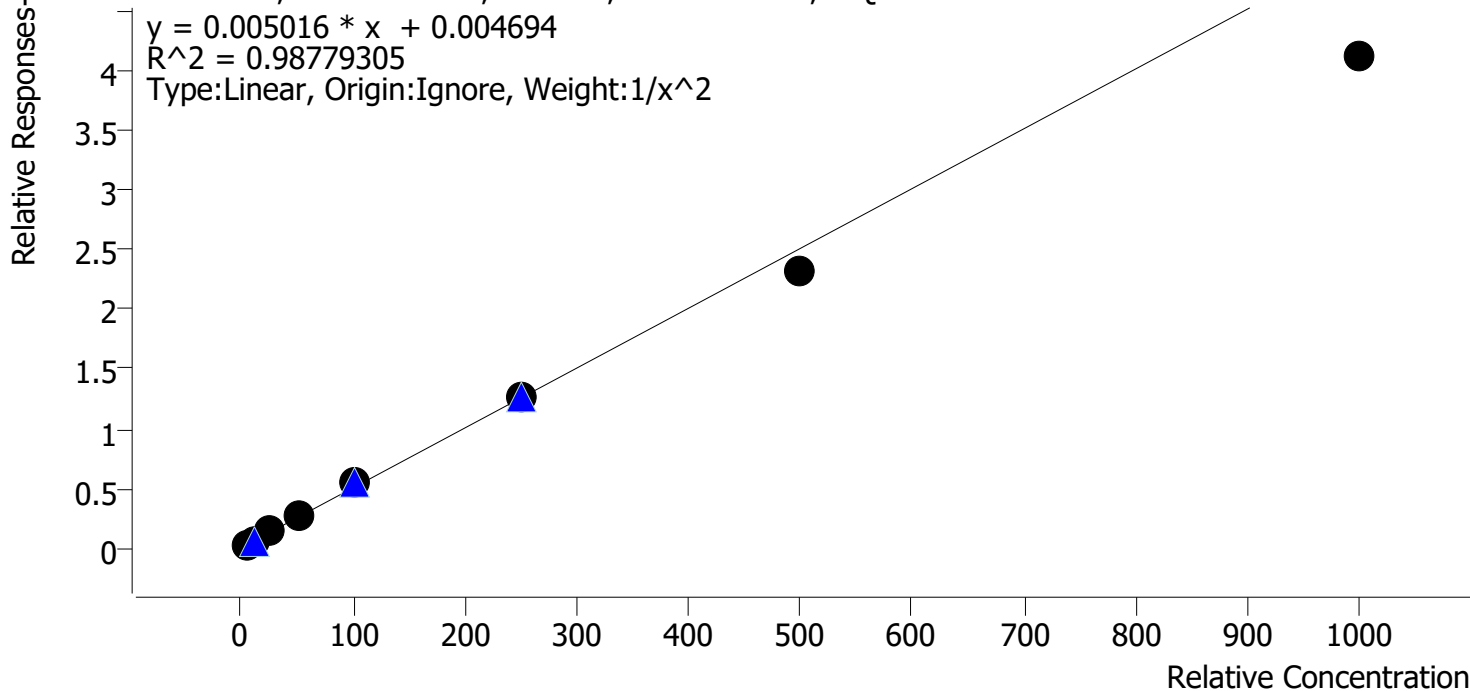
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 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, 4 QCs



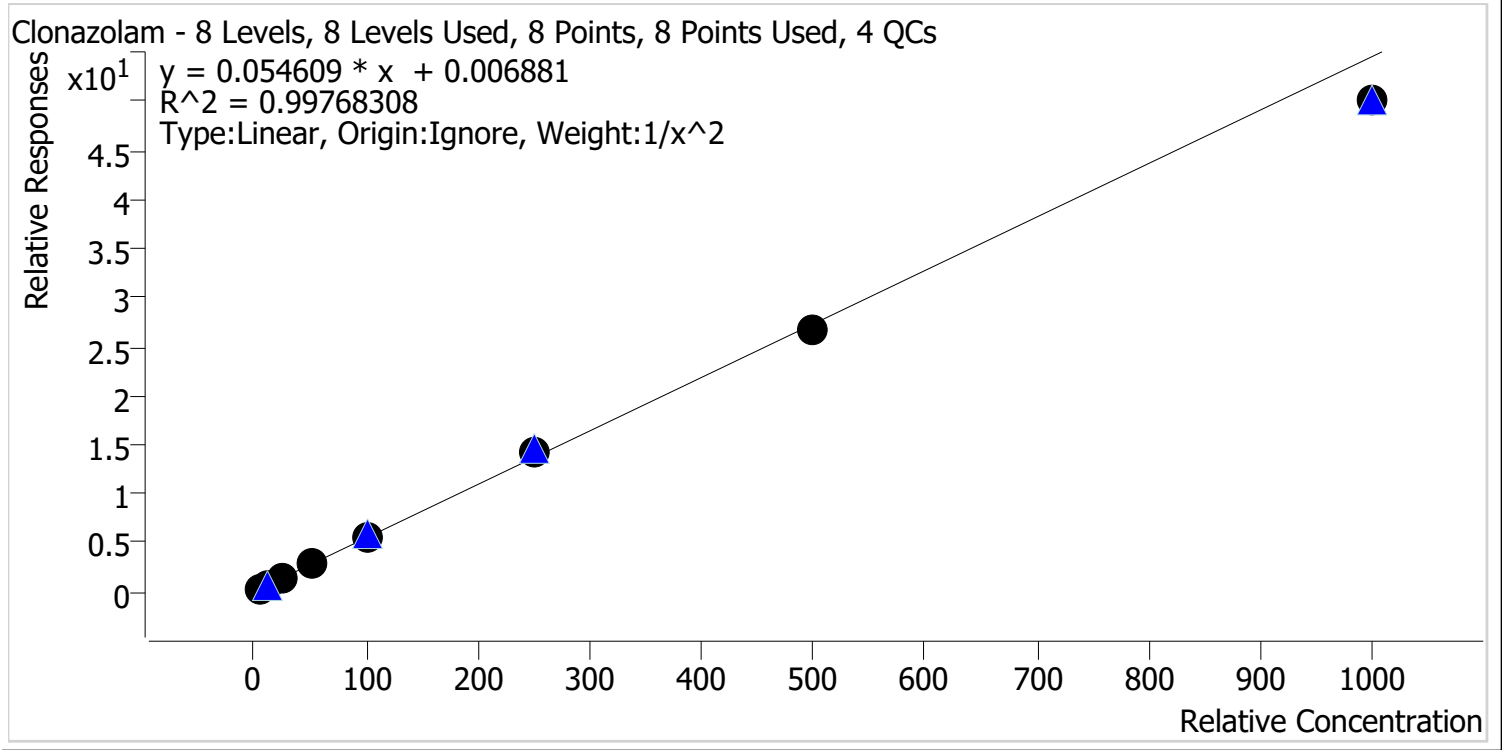
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	55.6	111.2
p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	460.1	92.0
p1 Cal 8-1000ng	8	✓	1000.0	820.7	82.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 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	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	52.7	105.5
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	258.4	103.4
p1 Cal 7-500ng	7	✓	500.0	491.0	98.2
p1 Cal 8-1000ng	8	✓	1000.0	915.4	91.5

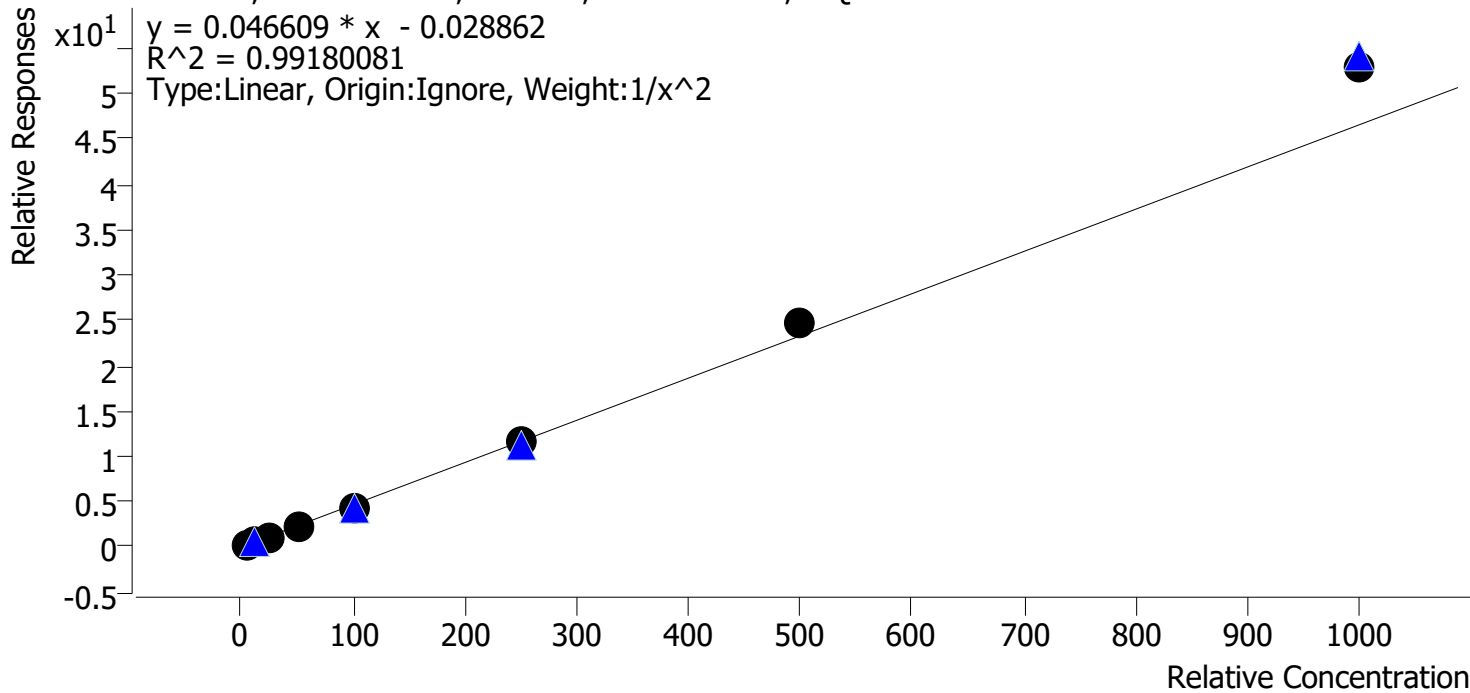
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	22.5	89.8
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	92.3	92.3
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	531.7	106.3
p1 Cal 8-1000ng	8	✓	1000.0	1136.5	113.7

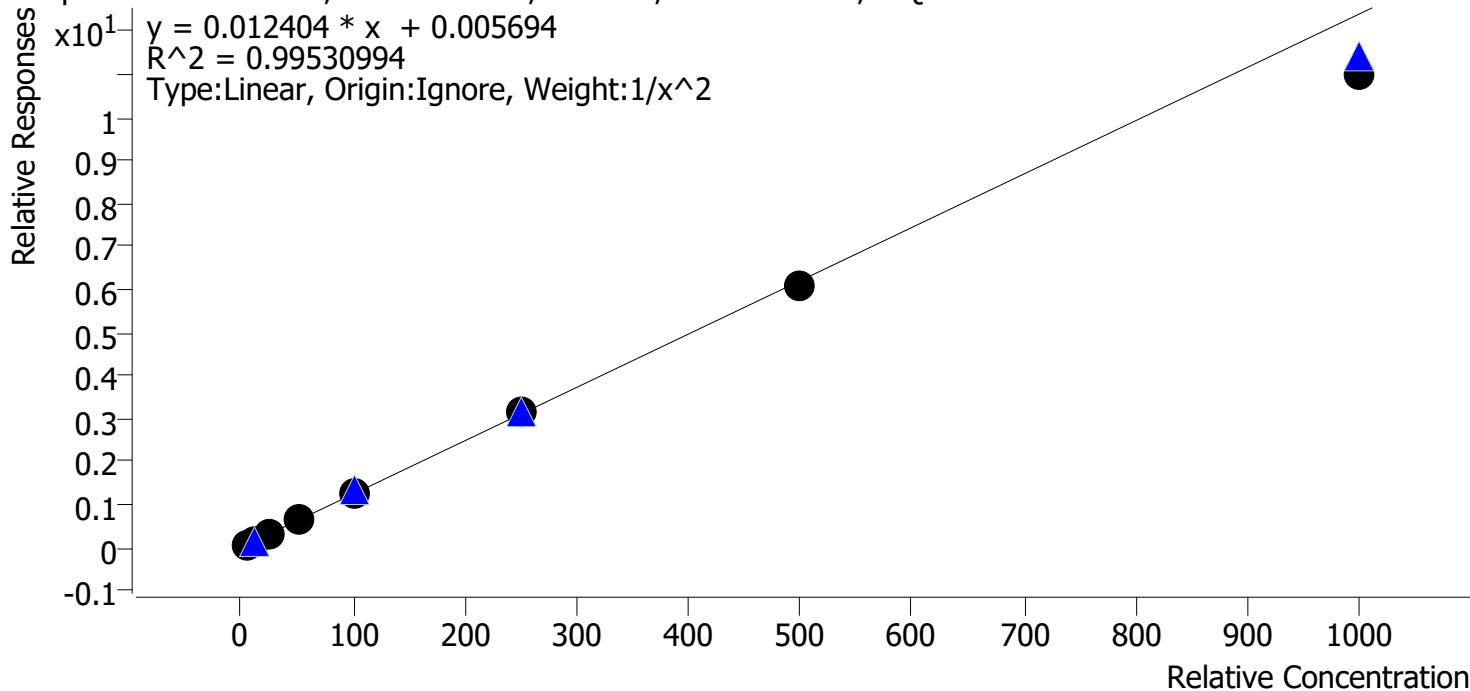
8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	54.7	109.5
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	487.0	97.4
p1 Cal 8-1000ng	8	✓	1000.0	886.7	88.7

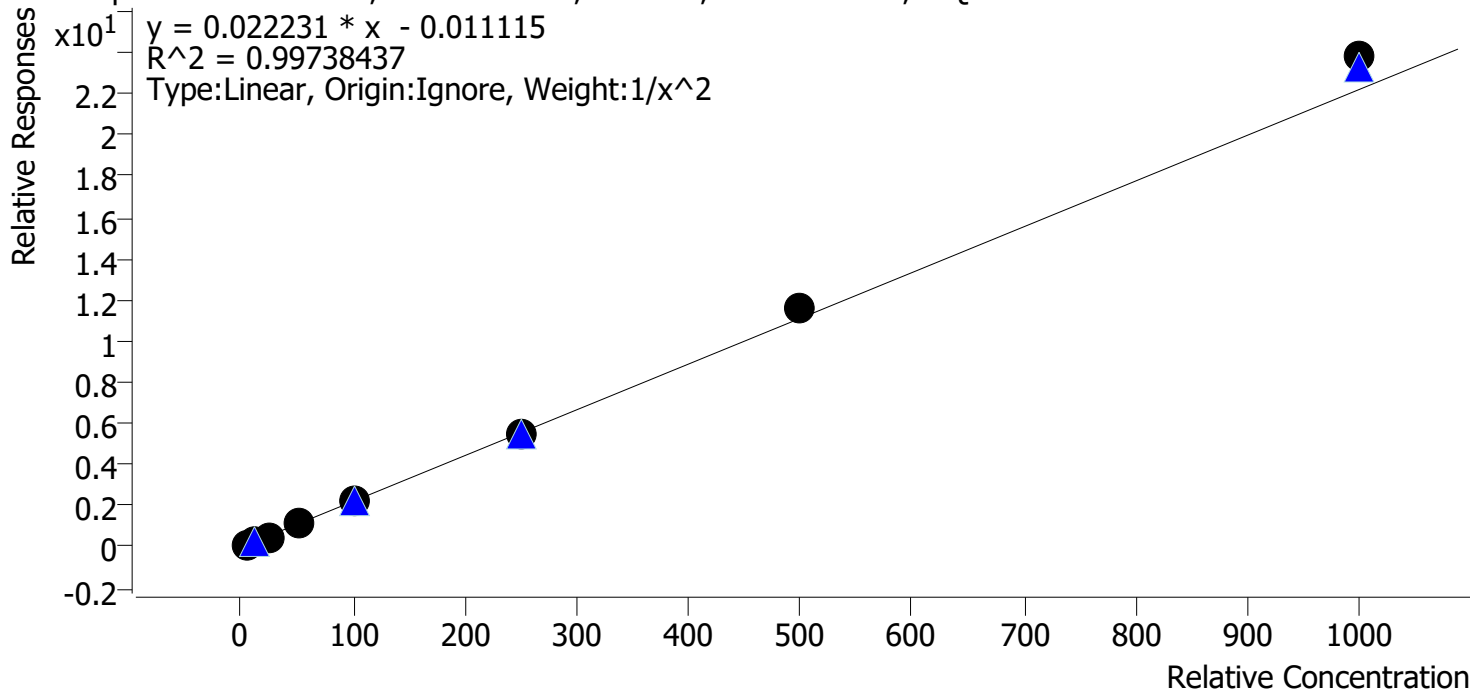
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	520.1	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1072.0	107.2

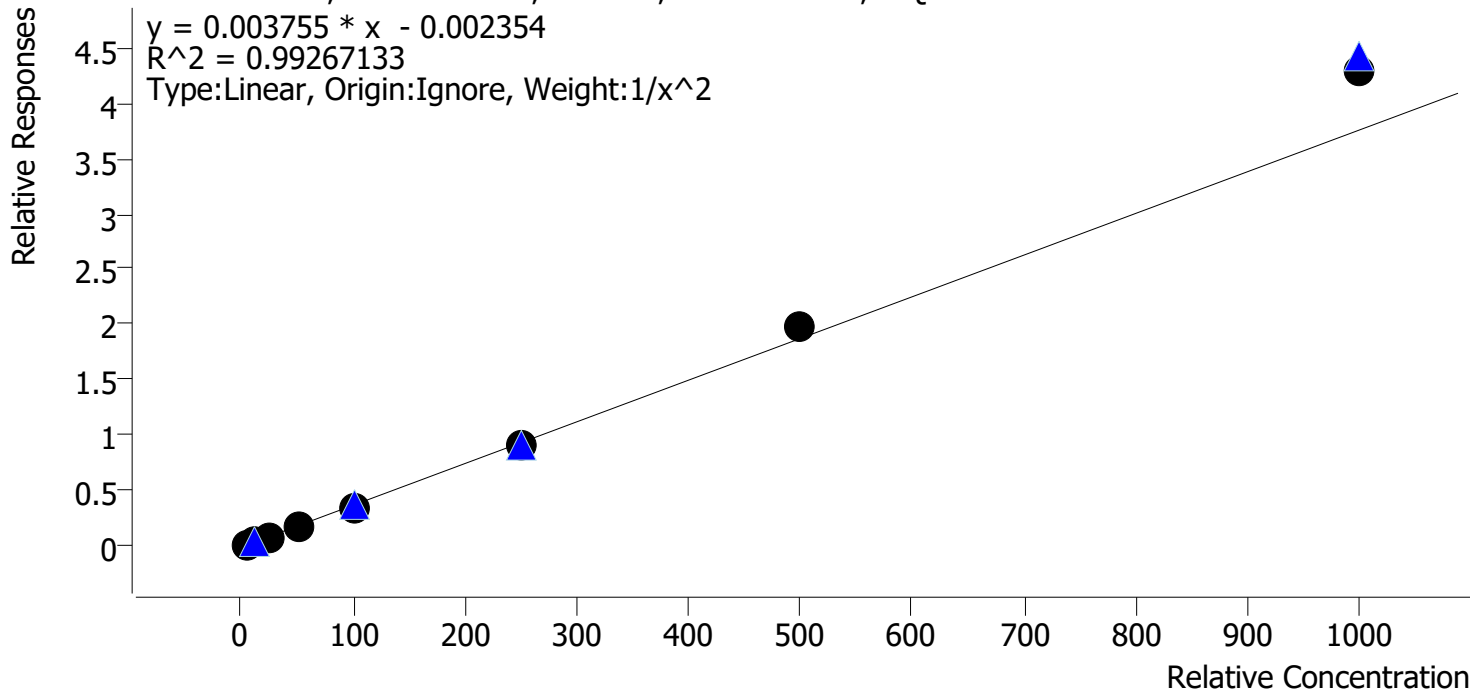
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.9
p1 Cal 2-10ng	2	✓	10.0	9.4	94.5
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	94.9	94.9
p1 Cal 6-250ng	6	✓	250.0	242.8	97.1
p1 Cal 7-500ng	7	✓	500.0	527.6	105.5
p1 Cal 8-1000ng	8	✓	1000.0	1140.0	114.0

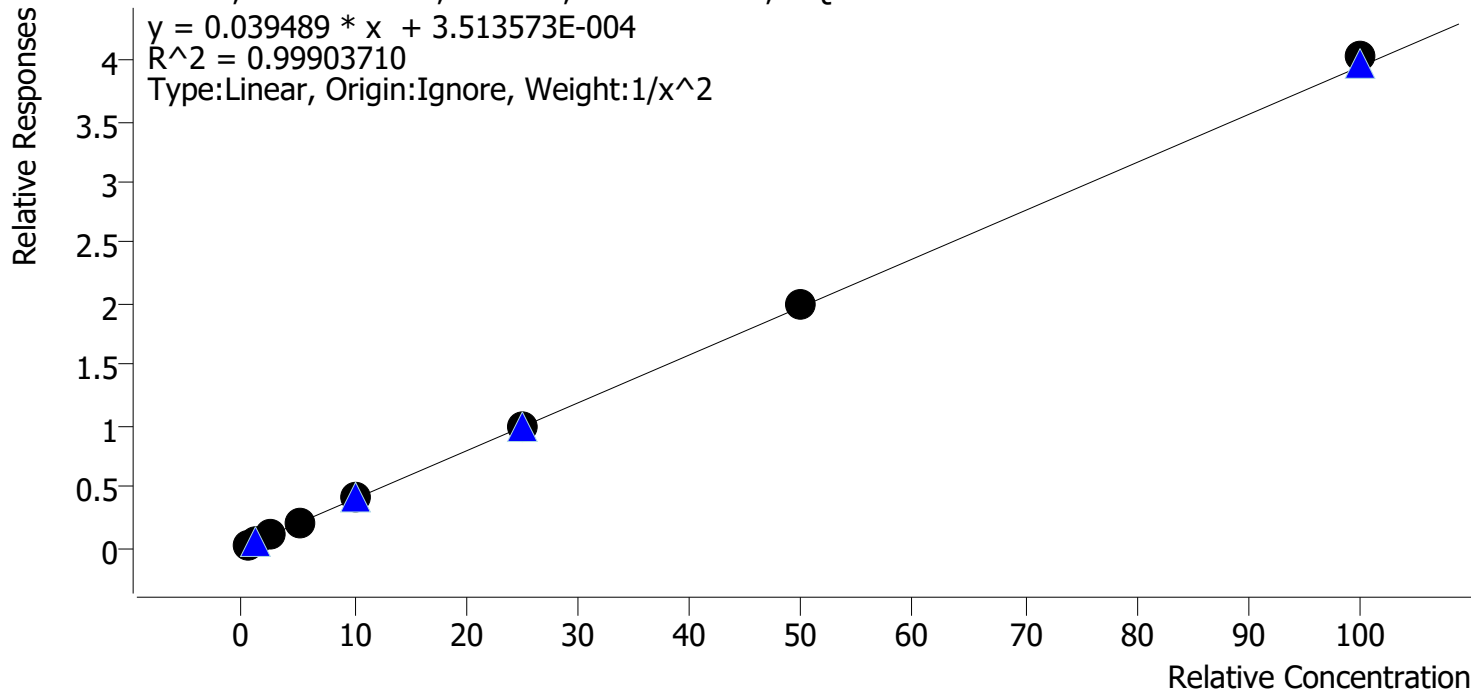
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



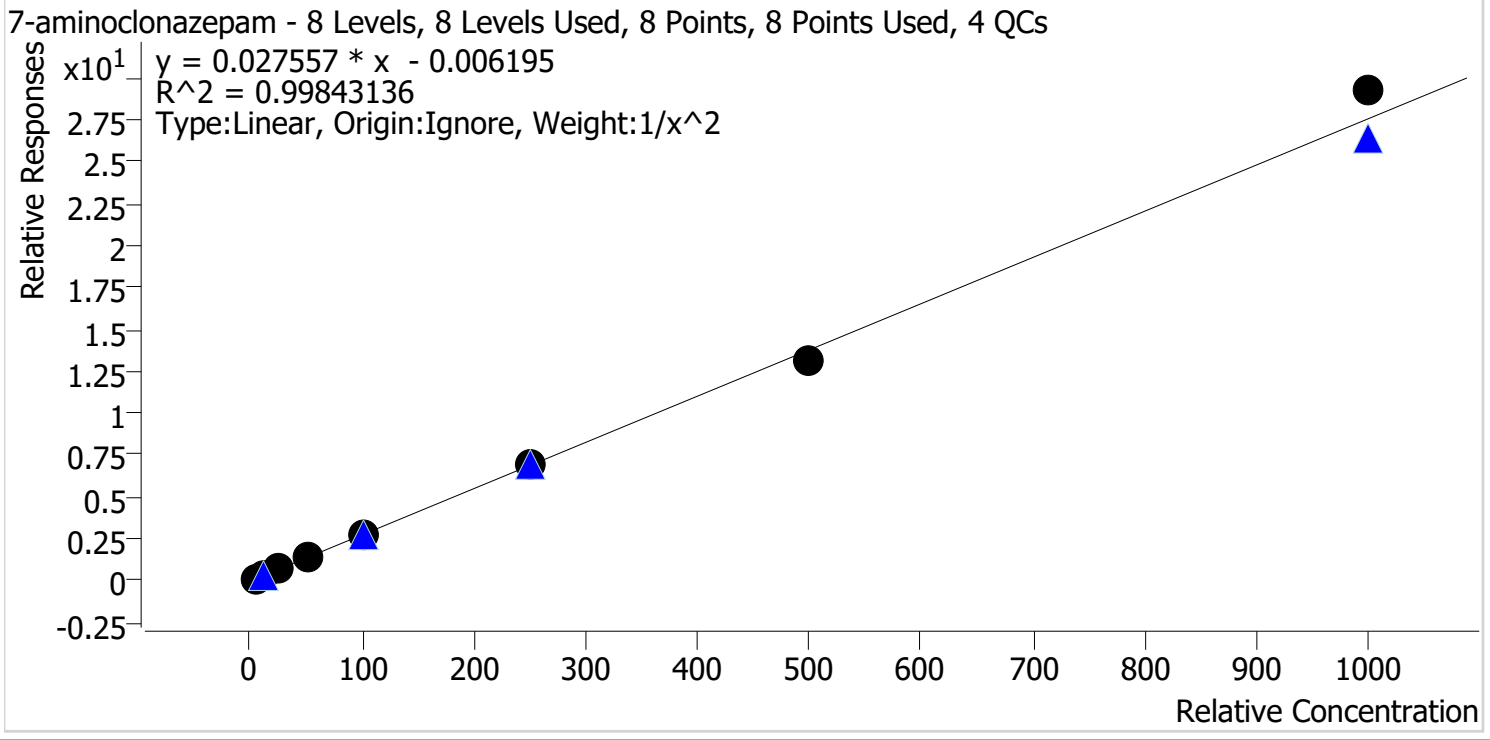
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.6
p1 Cal 2-10ng	2	✓	1.0	1.0	96.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.1
p1 Cal 4-50ng	4	✓	5.0	5.0	100.3
p1 Cal 5-100ng	5	✓	10.0	10.3	102.6
p1 Cal 6-250ng	6	✓	25.0	24.9	99.6
p1 Cal 7-500ng	7	✓	50.0	50.4	100.8
p1 Cal 8-1000ng	8	✓	100.0	102.1	102.1

8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 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	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	479.2	95.8
p1 Cal 8-1000ng	8	✓	1000.0	1061.0	106.1

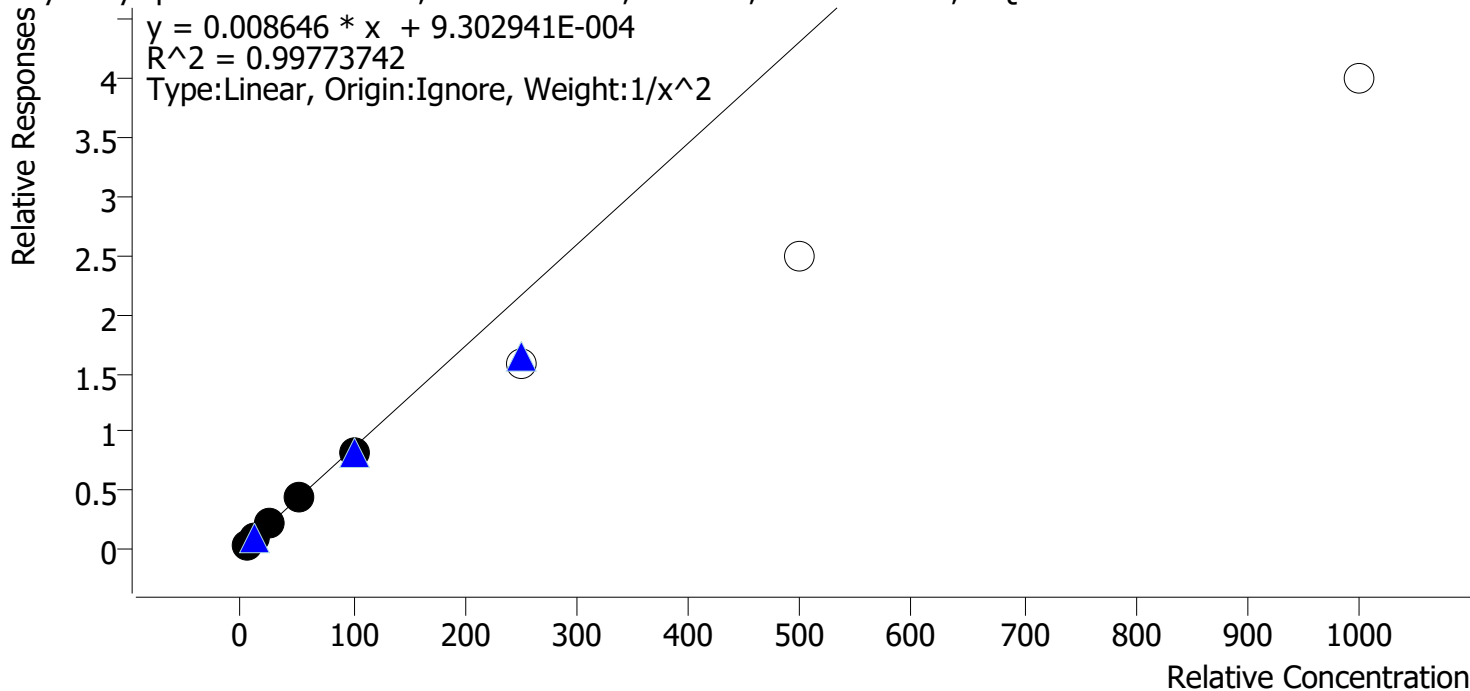
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	94.5	94.5
p1 Cal 6-250ng	6	✗	250.0	184.1	73.6
p1 Cal 7-500ng	7	✗	500.0	287.3	57.5
p1 Cal 8-1000ng	8	✗	1000.0	462.5	46.2

Calibrators 6-8 dropped due to not meeting accuracy requirement

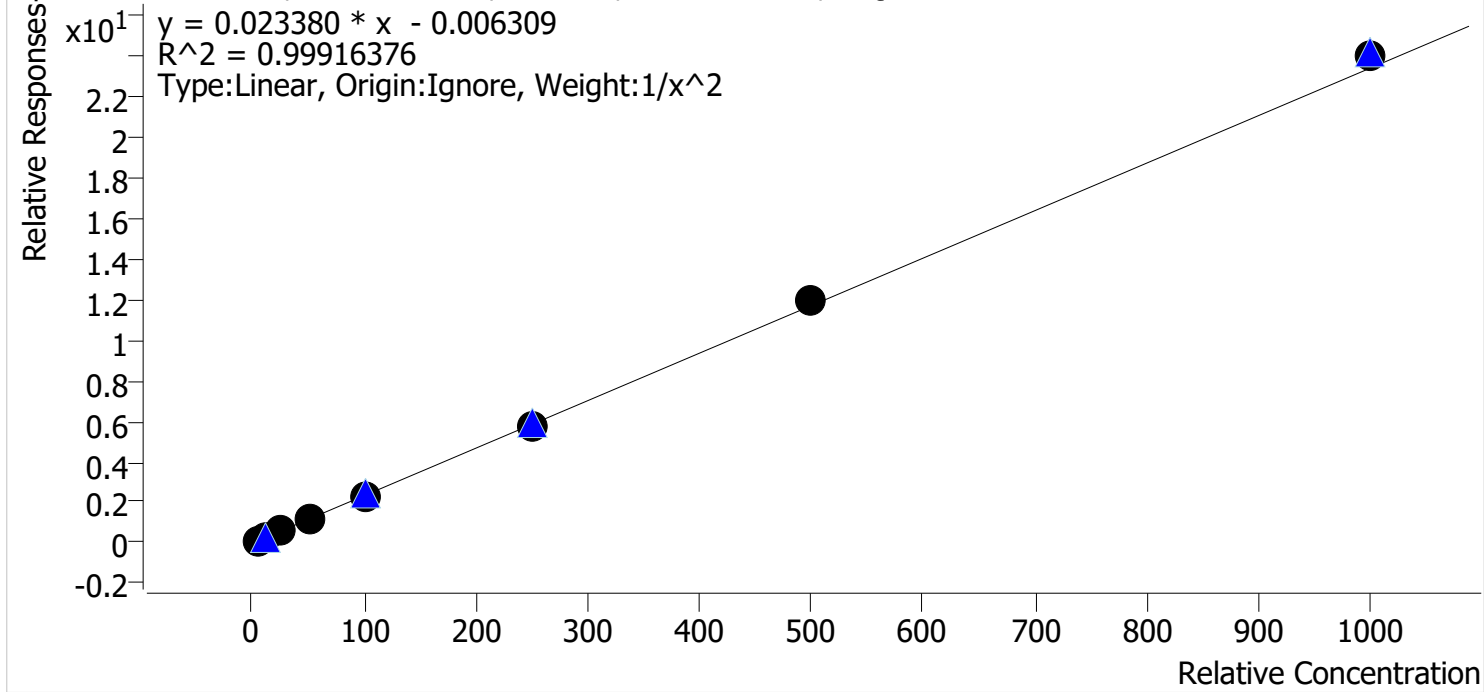
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	509.4	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1028.2	102.8

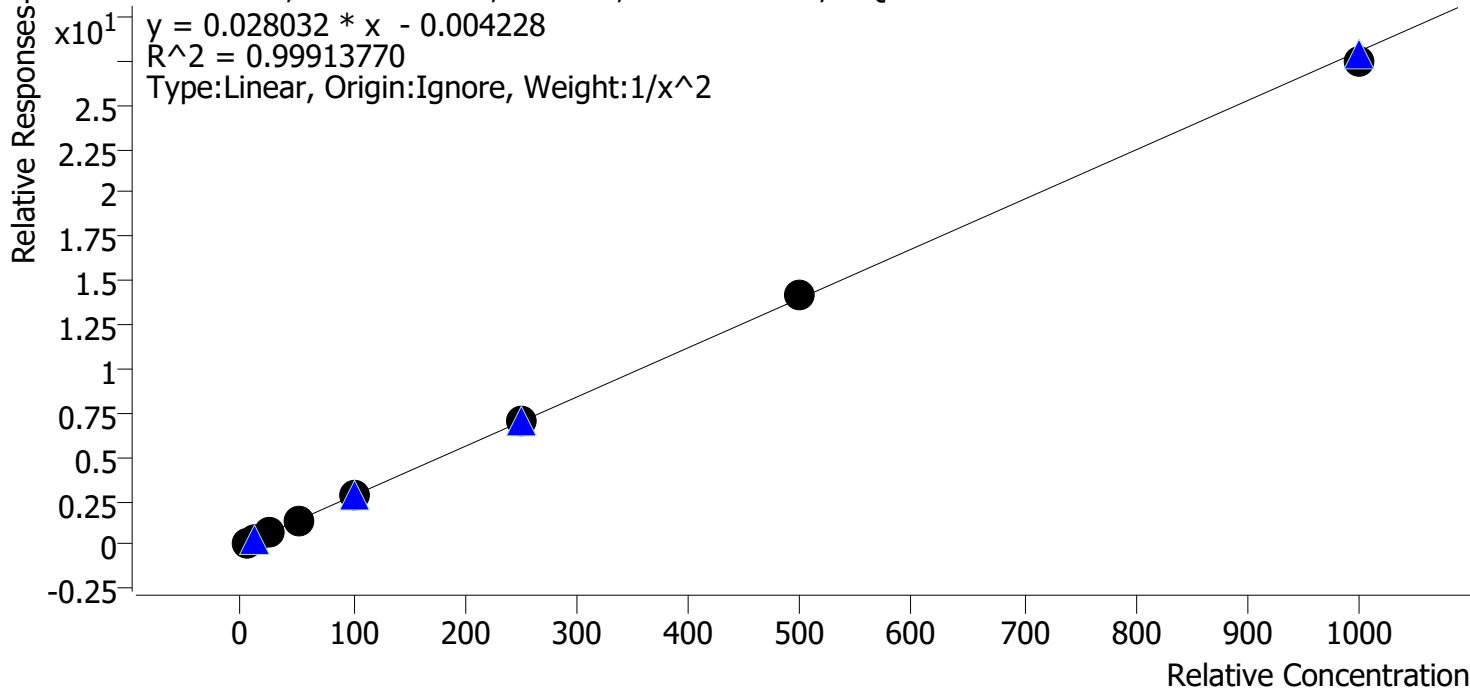
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	506.2	101.2
p1 Cal 8-1000ng	8	✓	1000.0	982.7	98.3

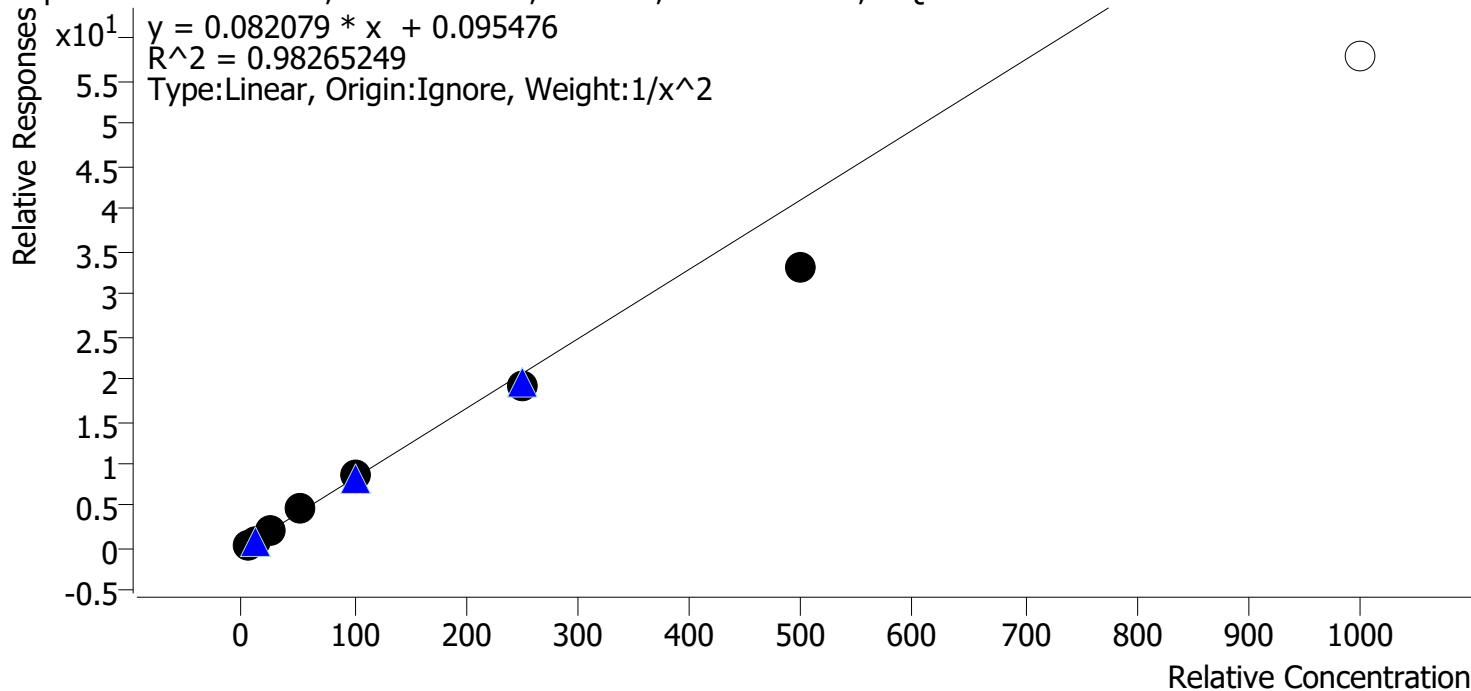
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng	4	✓	50.0	57.2	114.4
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	231.9	92.8
p1 Cal 7-500ng	7	✓	500.0	403.0	80.6
p1 Cal 8-1000ng	8	✗	1000.0	705.0	70.5

Calibrator 8 dropped due to not meeting accuracy requirement

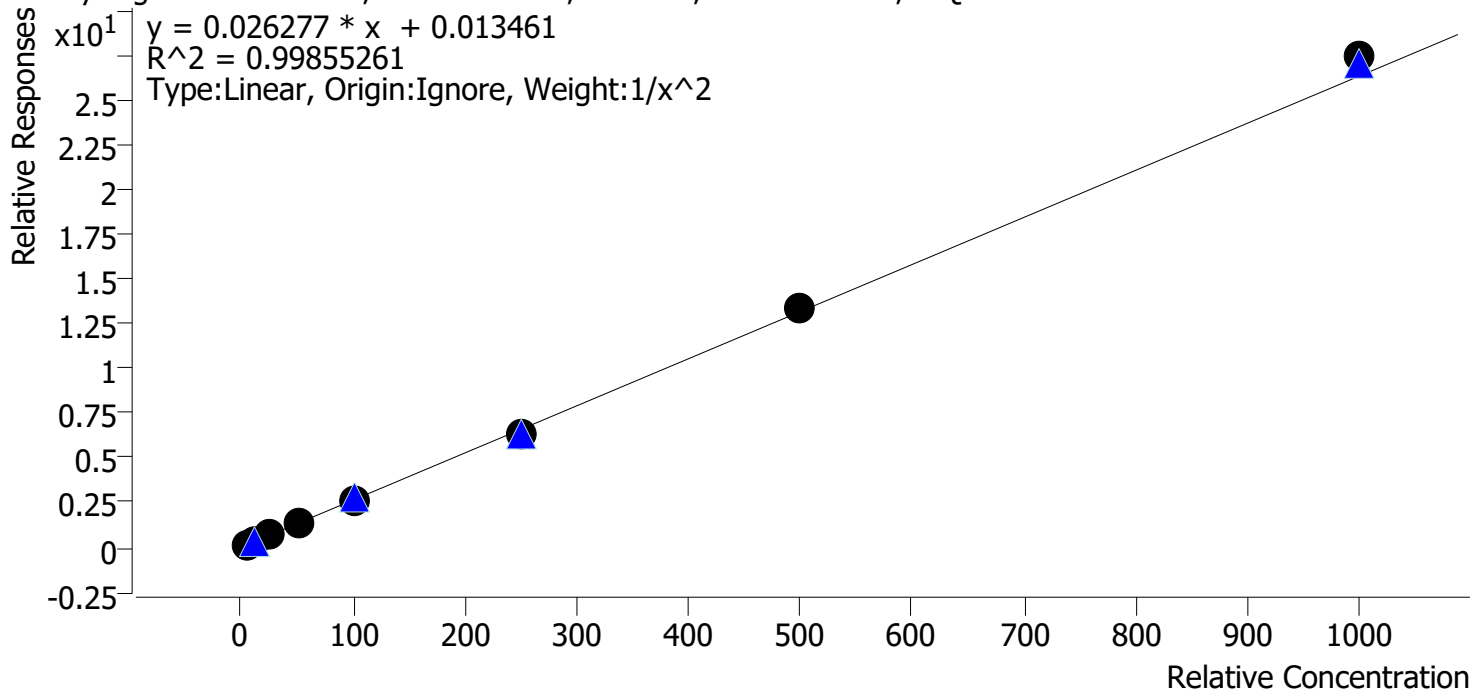
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	51.7	103.3
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	241.6	96.6
p1 Cal 7-500ng	7	✓	500.0	509.5	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1041.5	104.1

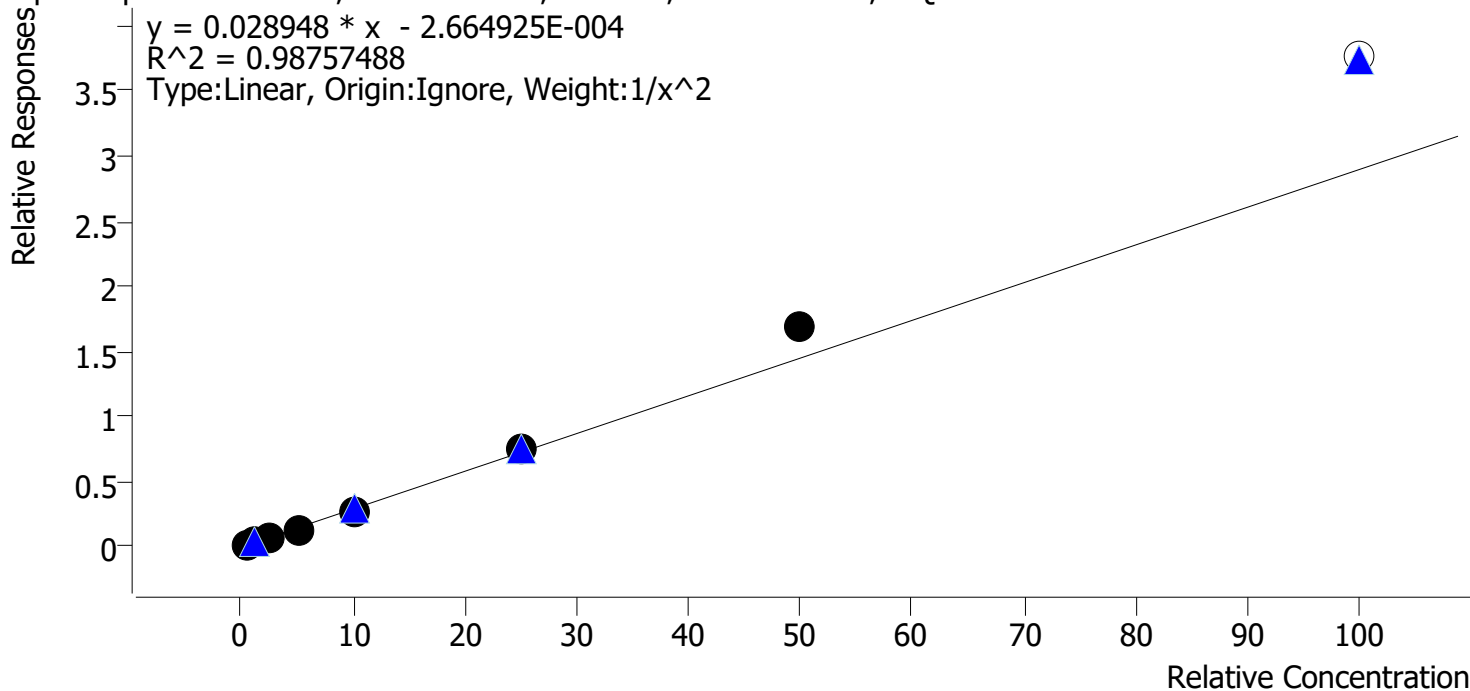
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.1
p1 Cal 2-10ng	2	✓	1.0	1.0	97.5
p1 Cal 3 -25ng	3	✓	2.5	2.2	89.5
p1 Cal 4-50ng	4	✓	5.0	4.6	91.8
p1 Cal 5-100ng	5	✓	10.0	9.5	94.8
p1 Cal 6-250ng	6	✓	25.0	26.3	105.3
p1 Cal 7-500ng	7	✓	50.0	58.4	116.9
p1 Cal 8-1000ng	8	x	100.0	130.0	130.0

Calibrator 8 dropped due to not meeting accuracy requirement

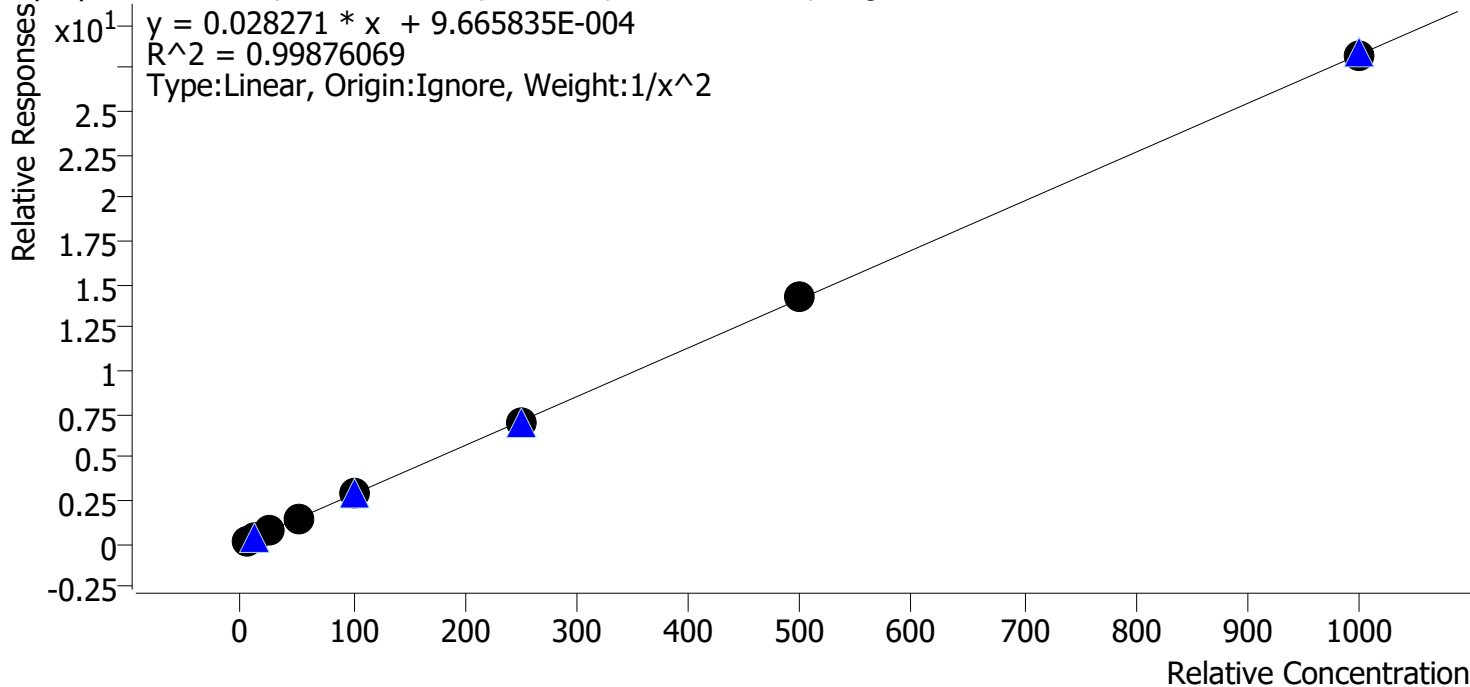
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	506.6	101.3
p1 Cal 8-1000ng	8	✓	1000.0	999.8	100.0

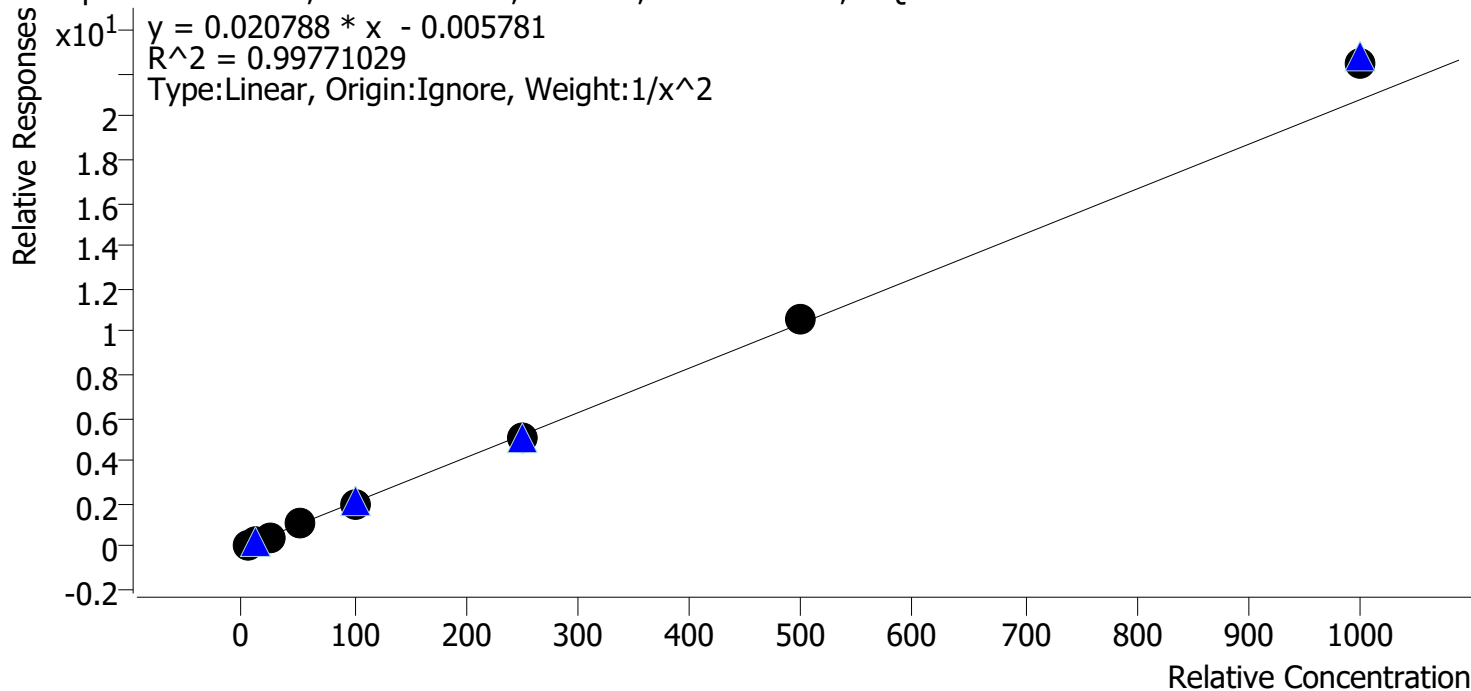
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.7
p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	245.6	98.2
p1 Cal 7-500ng	7	✓	500.0	506.7	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1081.4	108.1

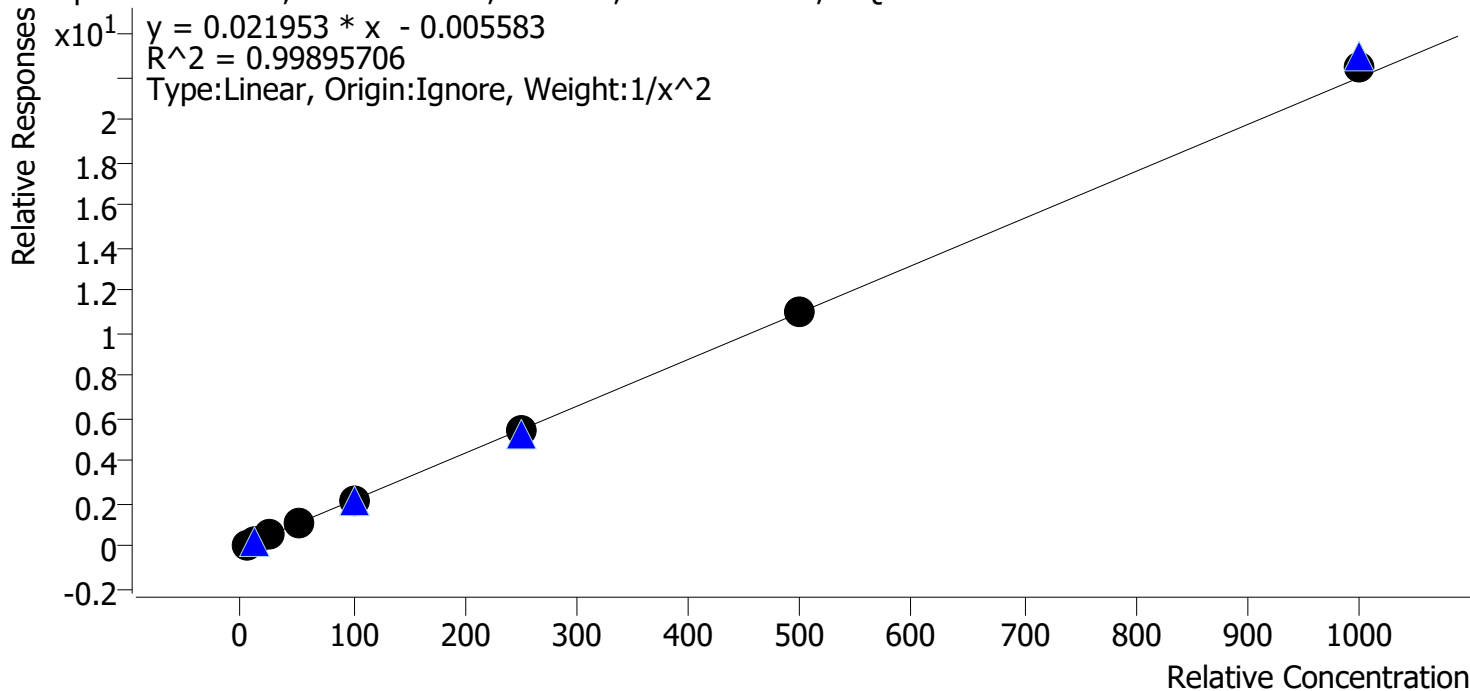
8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



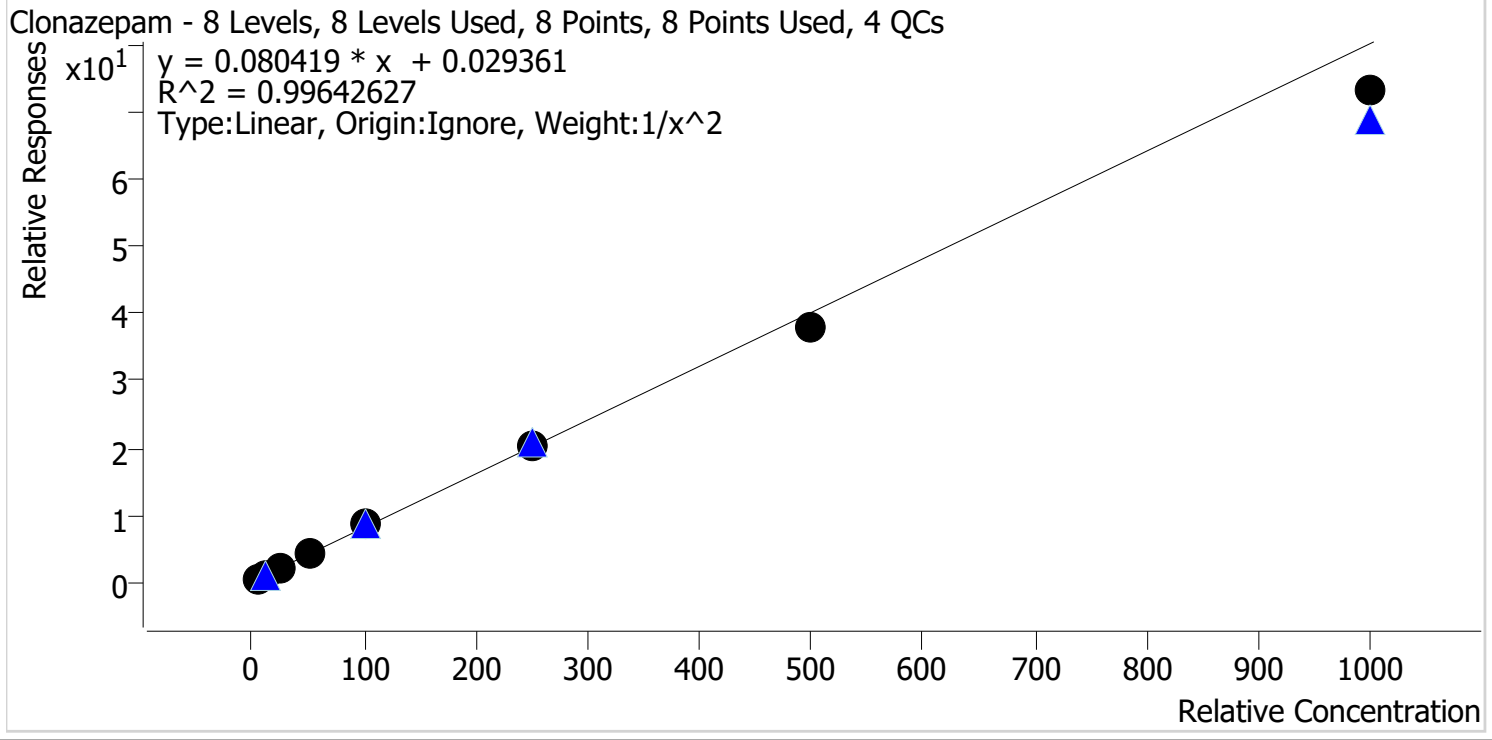
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	51.9	103.7
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	504.9	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1021.2	102.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 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	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.8
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	475.6	95.1
p1 Cal 8-1000ng	8	✓	1000.0	912.6	91.3

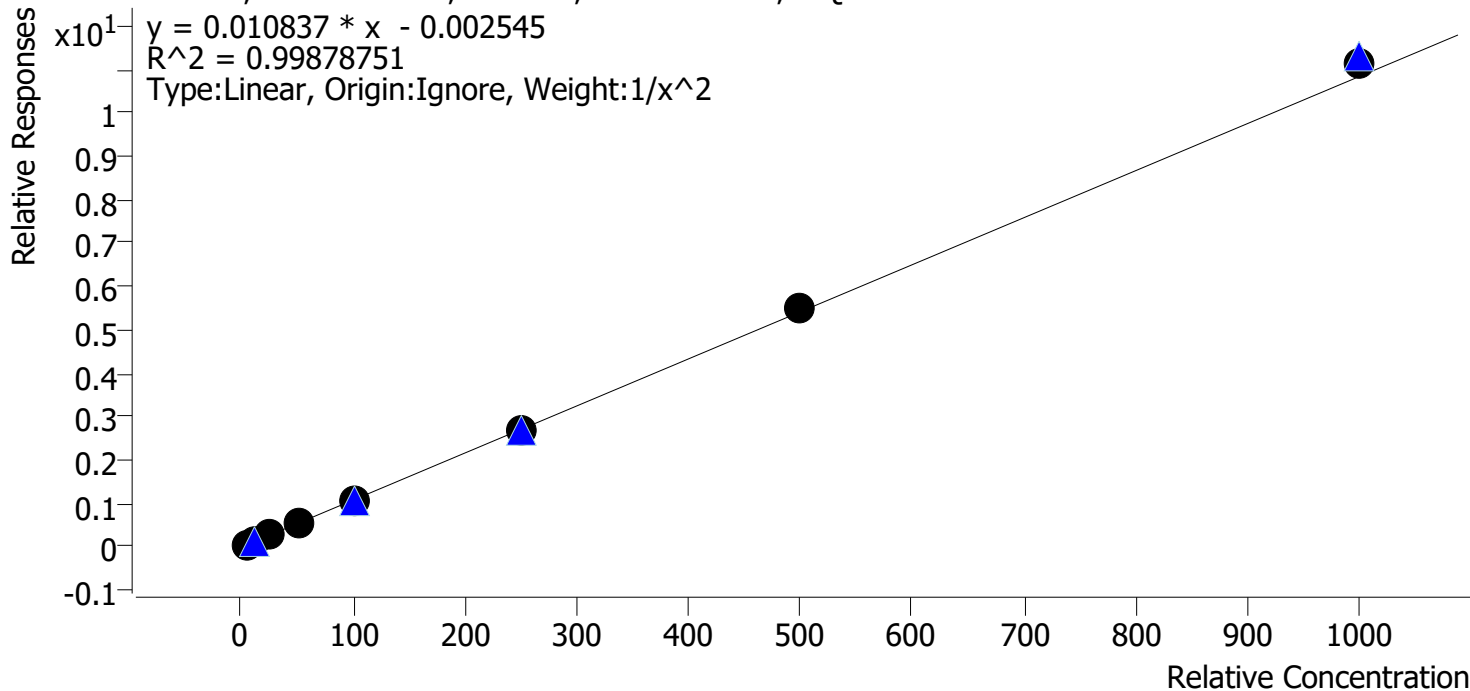
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.6
p1 Cal 4-50ng	4	✓	50.0	51.9	103.8
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	504.8	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1028.5	102.8

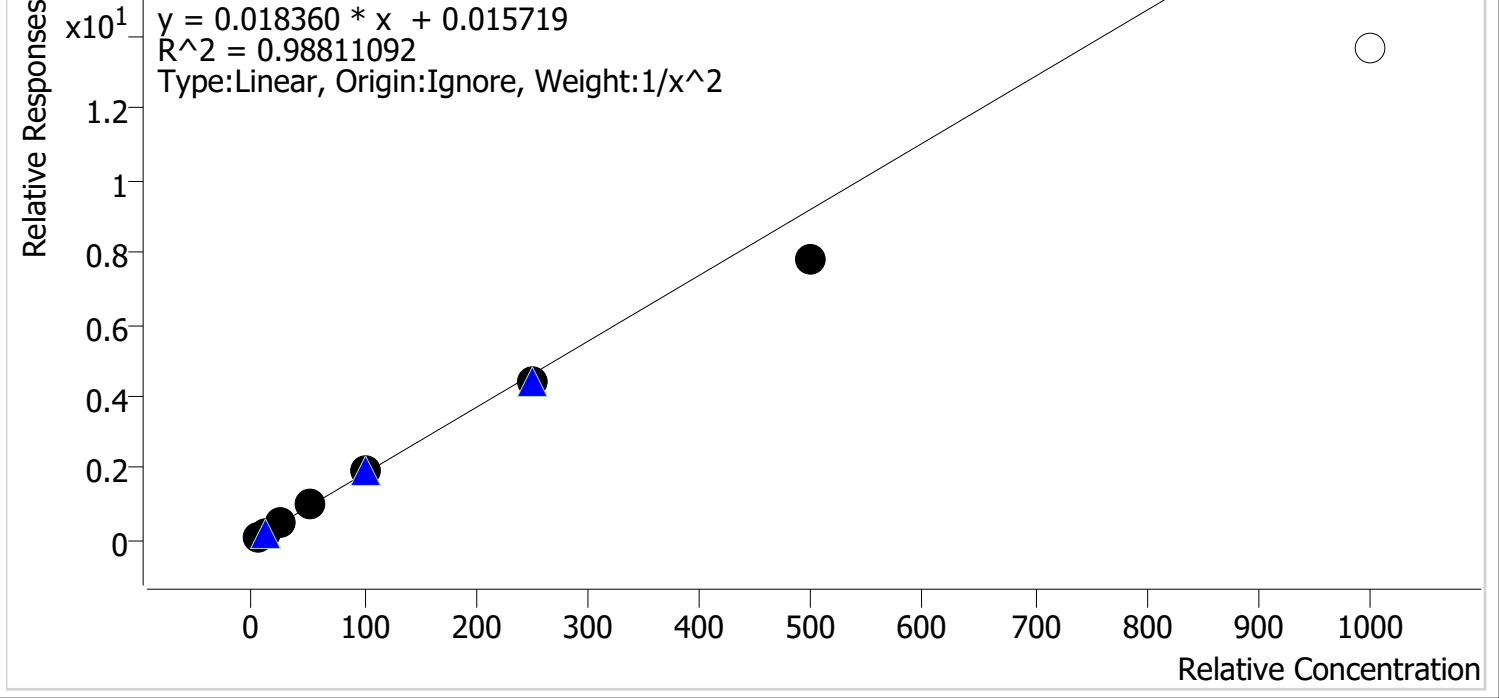
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	56.5	113.1
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	237.0	94.8
p1 Cal 7-500ng	7	✓	500.0	422.2	84.4
p1 Cal 8-1000ng	8	x	1000.0	740.9	74.1

Calibrator 8 dropped due to not meeting accuracy requirement

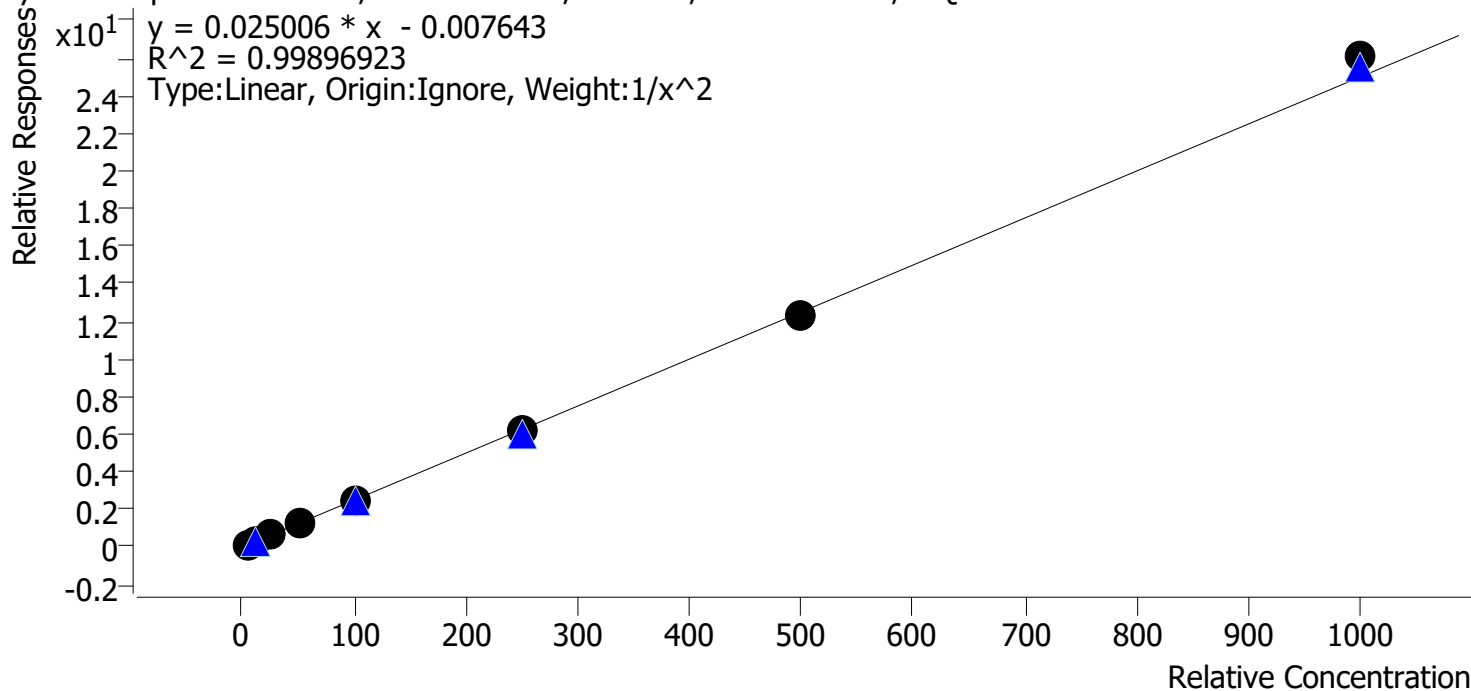
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	492.6	98.5
p1 Cal 8-1000ng	8	✓	1000.0	1043.4	104.3

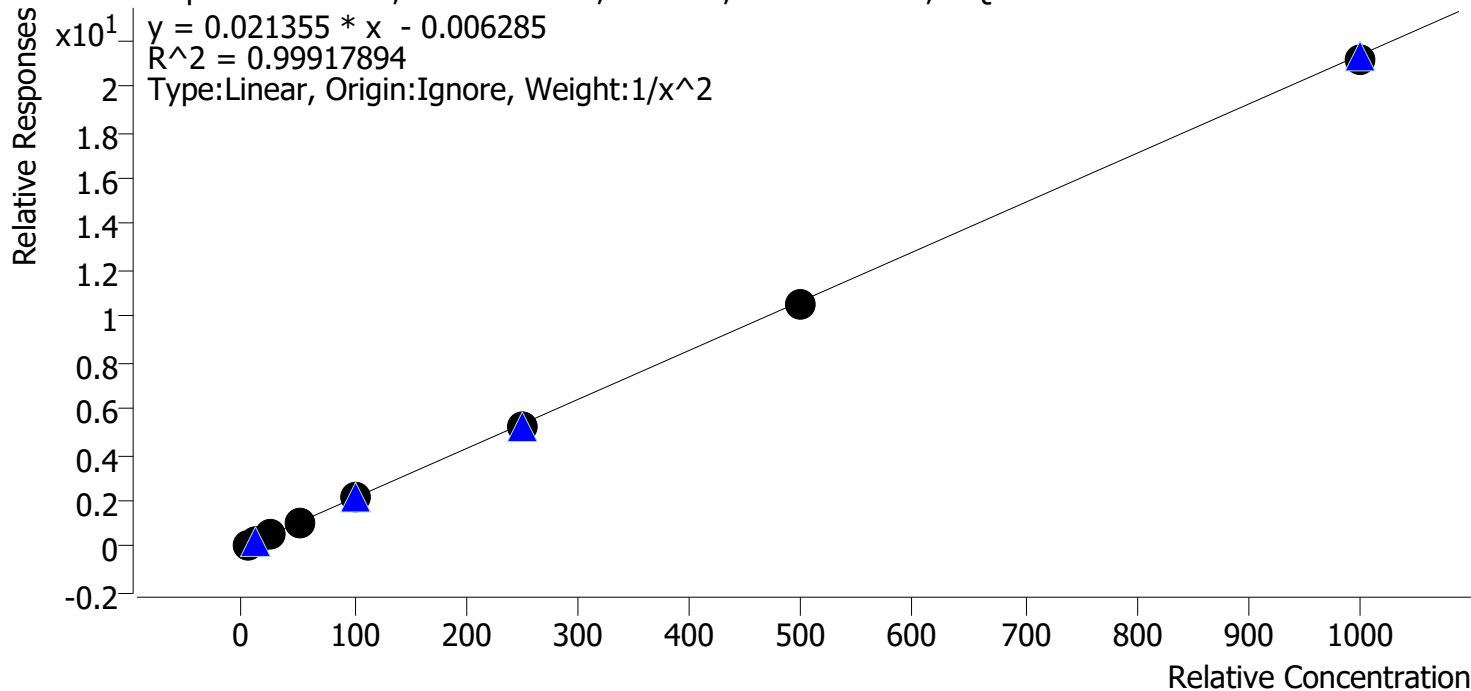
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



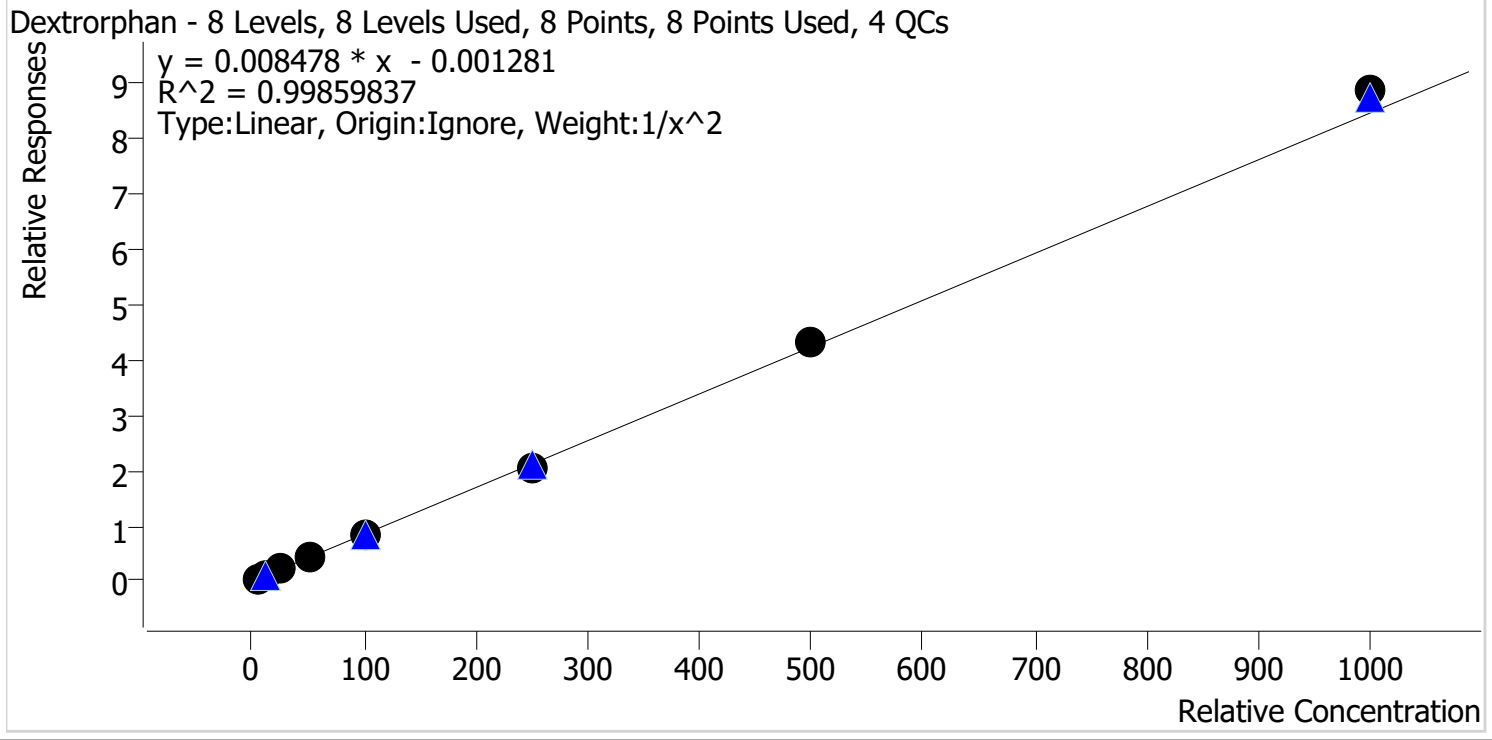
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	495.3	99.1
p1 Cal 8-1000ng	8	✓	1000.0	990.8	99.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



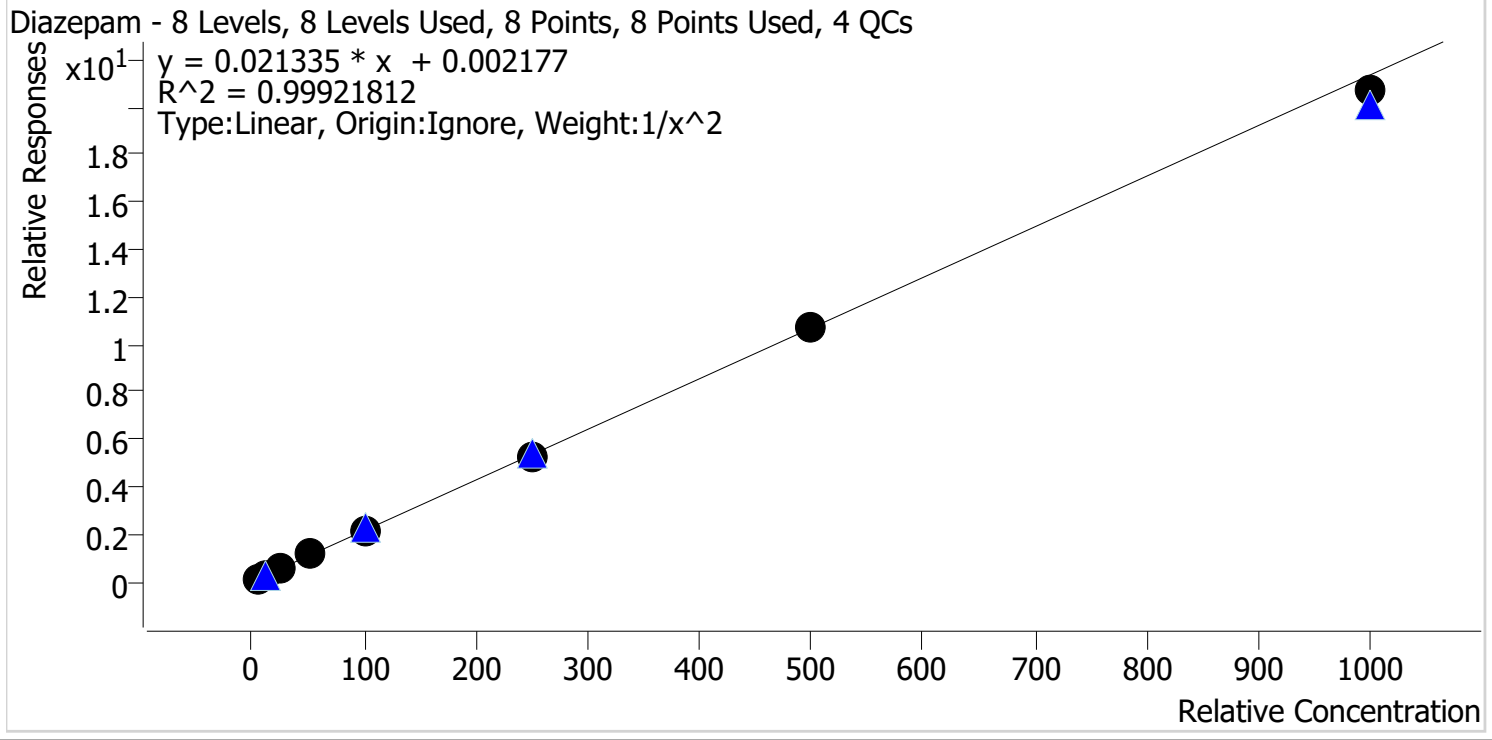
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.5	95.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	508.0	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1047.9	104.8

8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 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	100.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	248.1	99.2
p1 Cal 7-500ng	7	✓	500.0	498.2	99.6
p1 Cal 8-1000ng	8	✓	1000.0	969.1	96.9

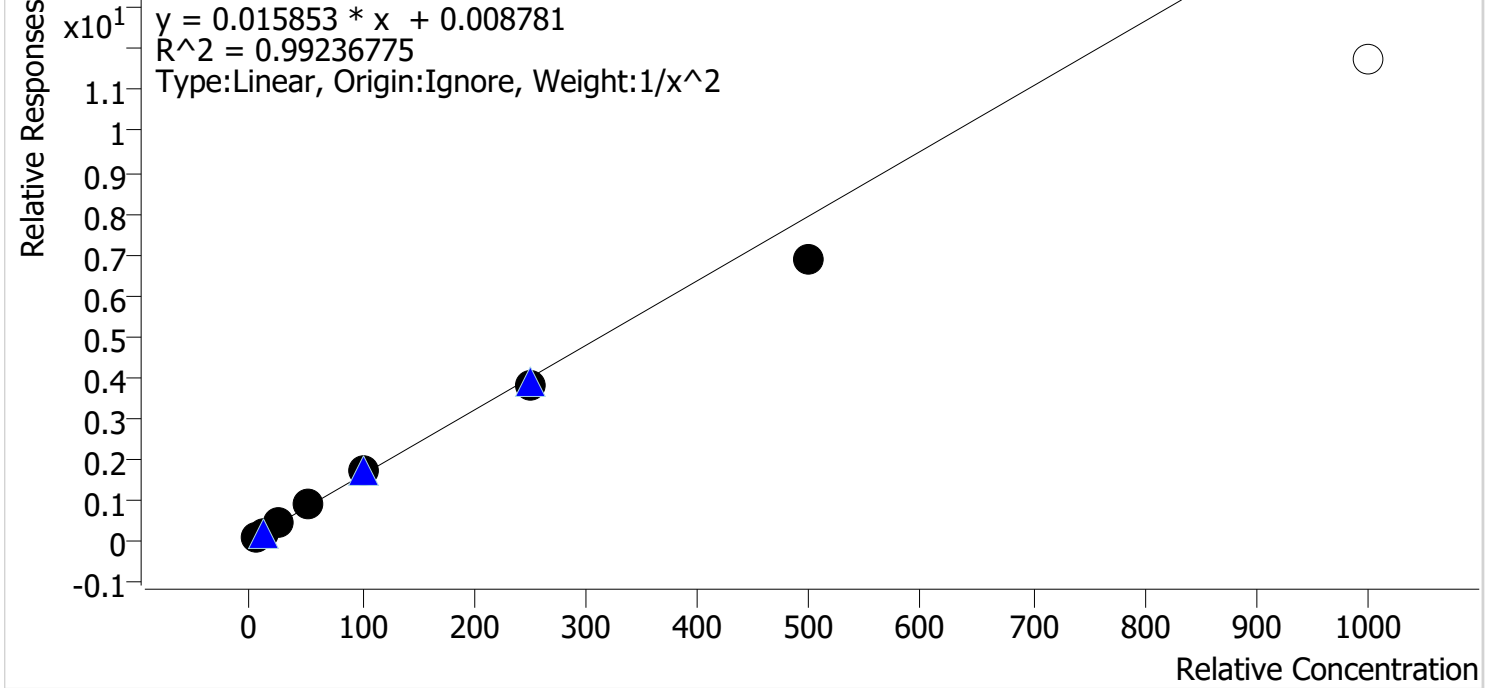
8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	54.9	109.7
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	240.6	96.2
p1 Cal 7-500ng	7	✓	500.0	433.5	86.7
p1 Cal 8-1000ng	8	x	1000.0	741.0	74.1

Calibrator 8 dropped due to not meeting accuracy requirement

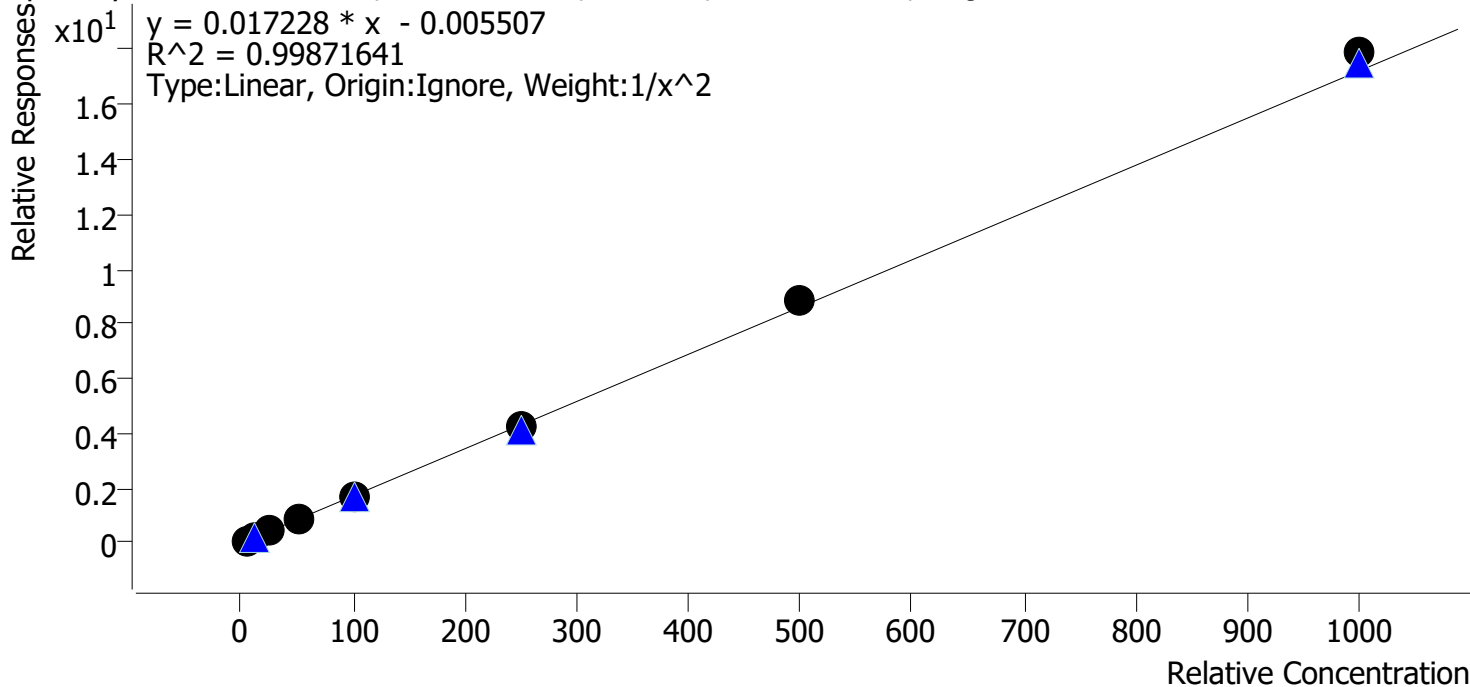
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



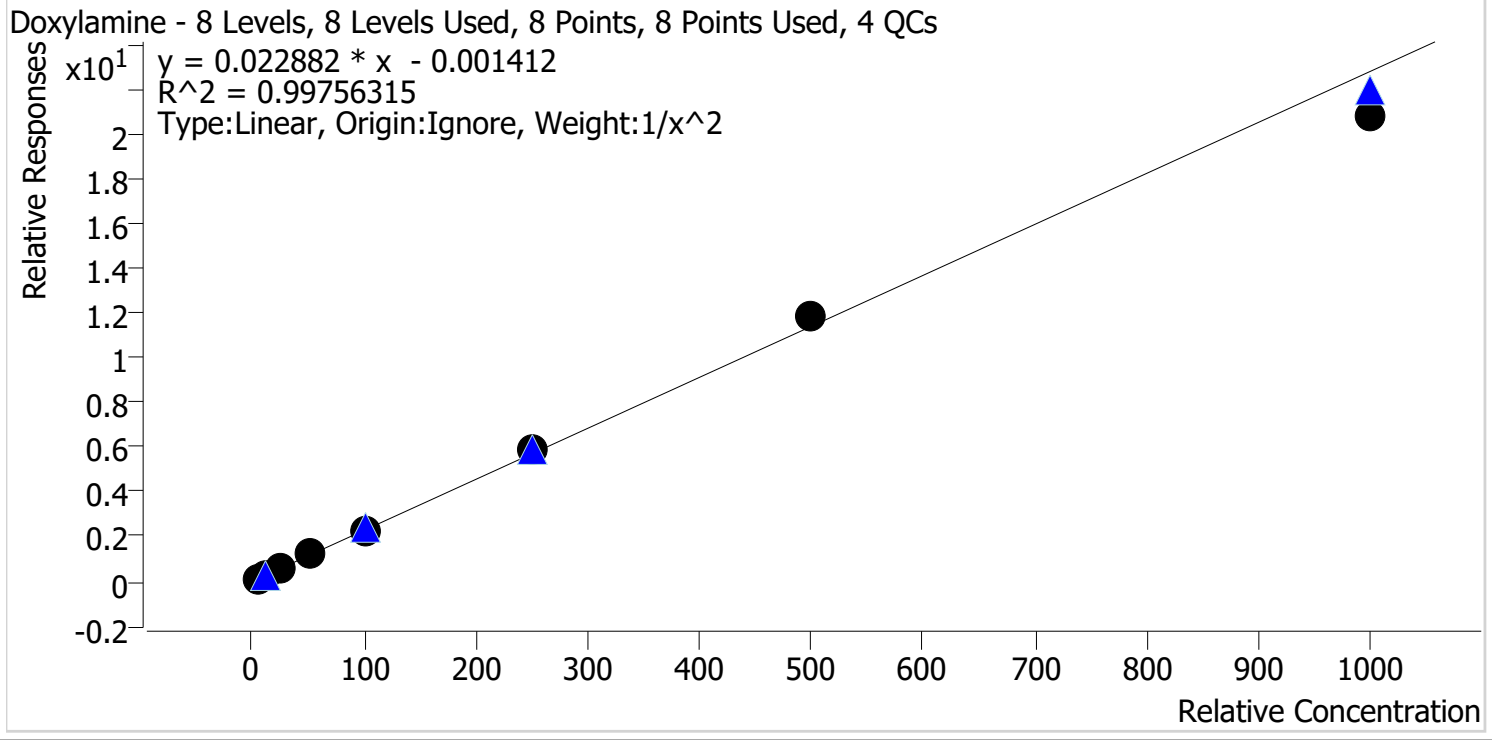
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.4
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	513.1	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1038.8	103.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	518.5	103.7
p1 Cal 8-1000ng	8	✓	1000.0	914.9	91.5

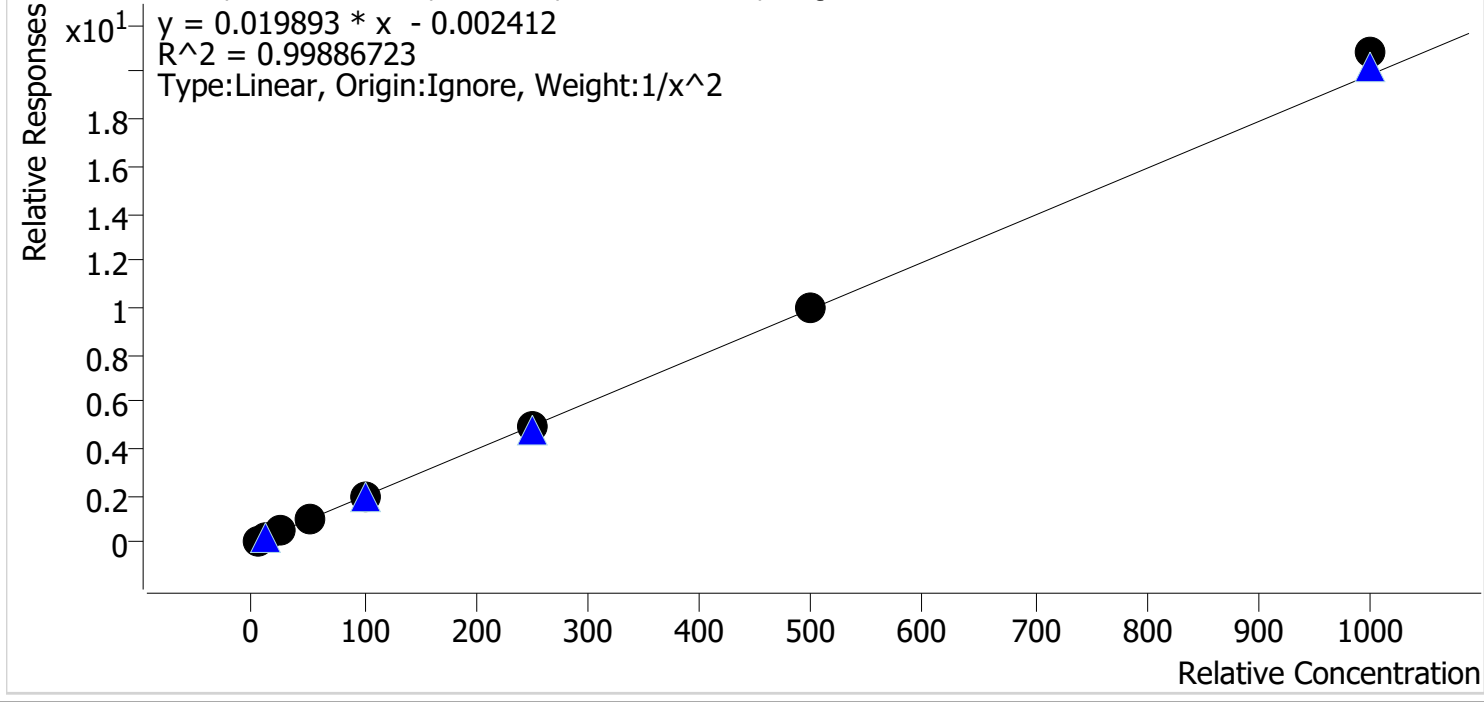
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	506.3	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1047.4	104.7

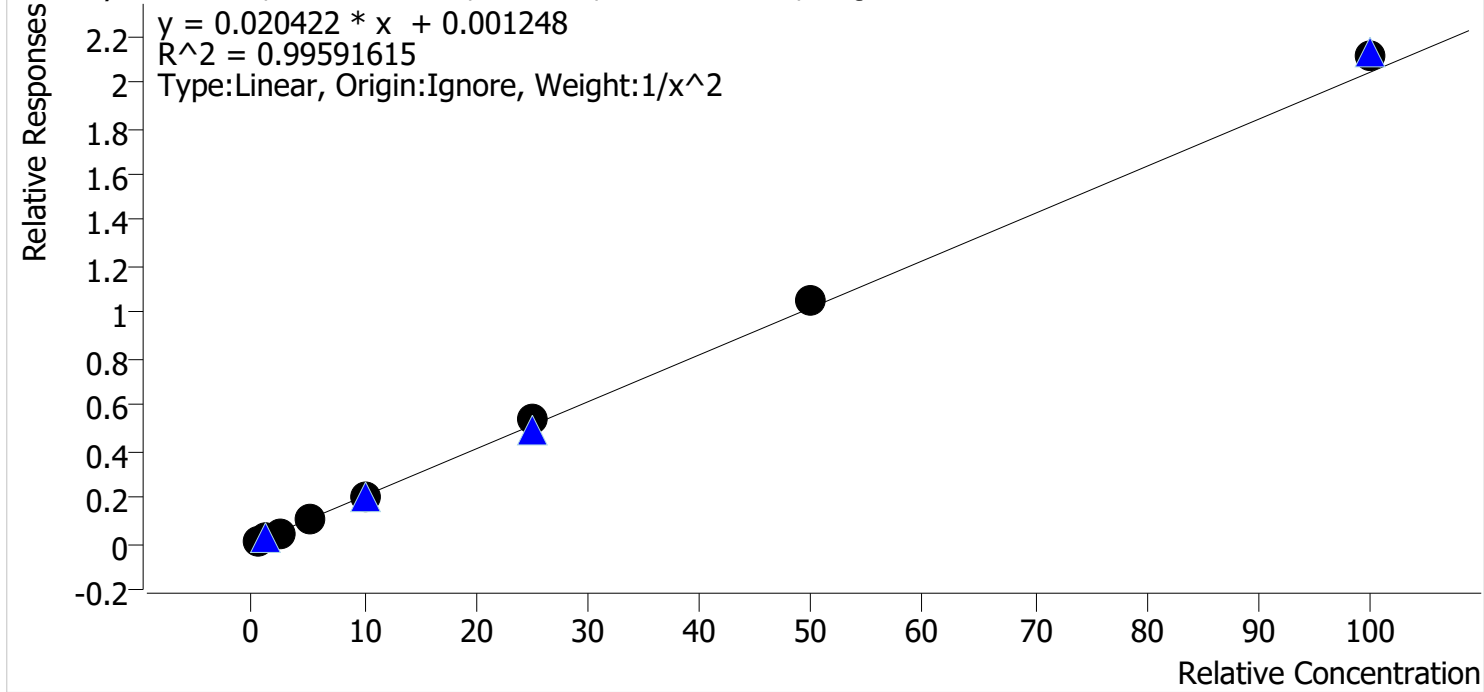
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.9
p1 Cal 2-10ng	2	✓	1.0	1.0	101.2
p1 Cal 3 -25ng	3	✓	2.5	2.2	86.9
p1 Cal 4-50ng	4	✓	5.0	5.0	99.4
p1 Cal 5-100ng	5	✓	10.0	10.0	100.1
p1 Cal 6-250ng	6	✓	25.0	26.1	104.4
p1 Cal 7-500ng	7	✓	50.0	51.4	102.7
p1 Cal 8-1000ng	8	✓	100.0	103.3	103.3

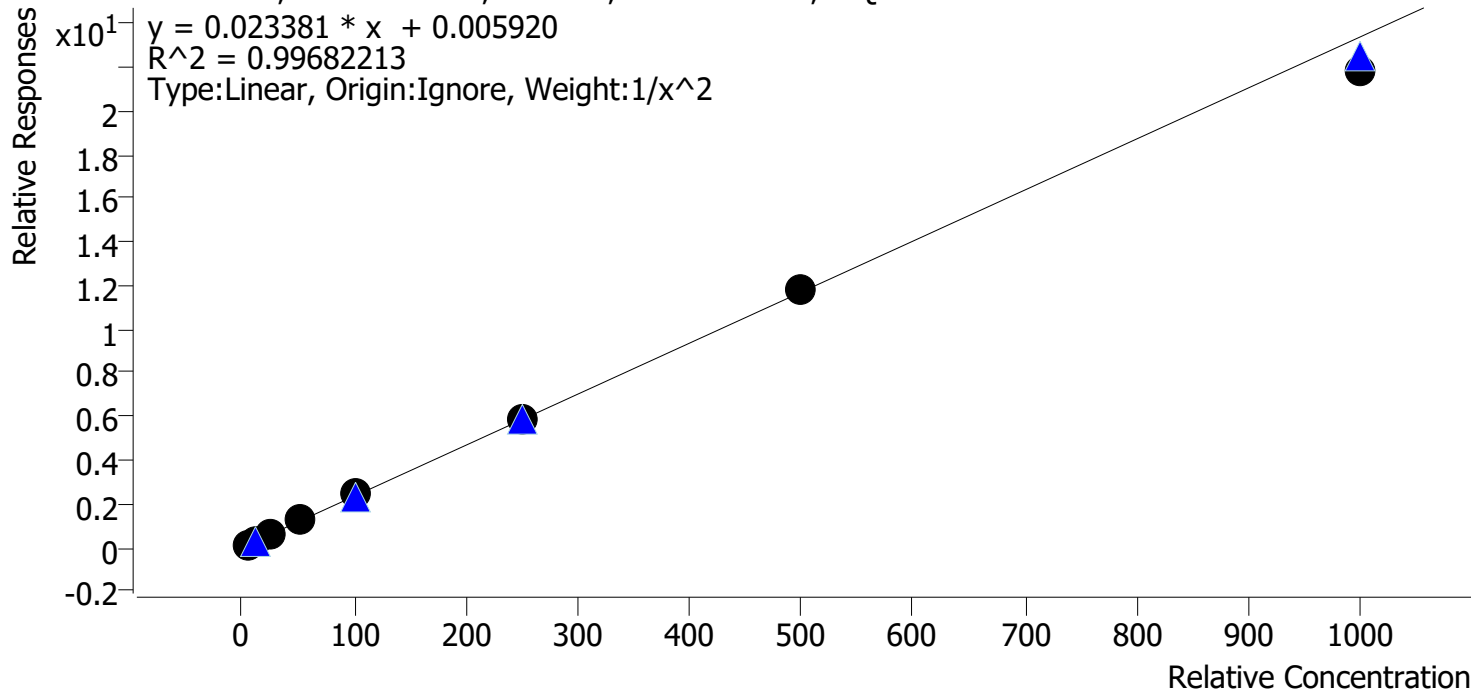
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	501.7	100.3
p1 Cal 8-1000ng	8	✓	1000.0	931.3	93.1

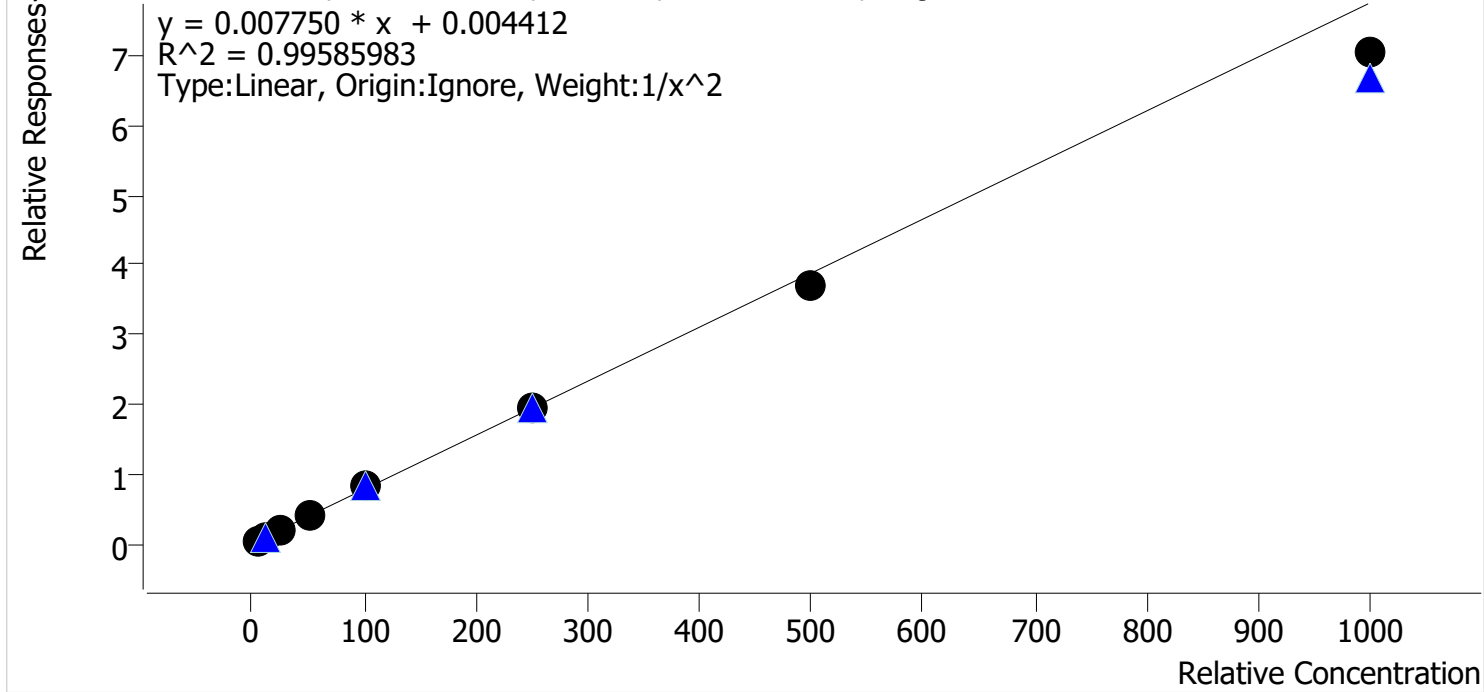
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



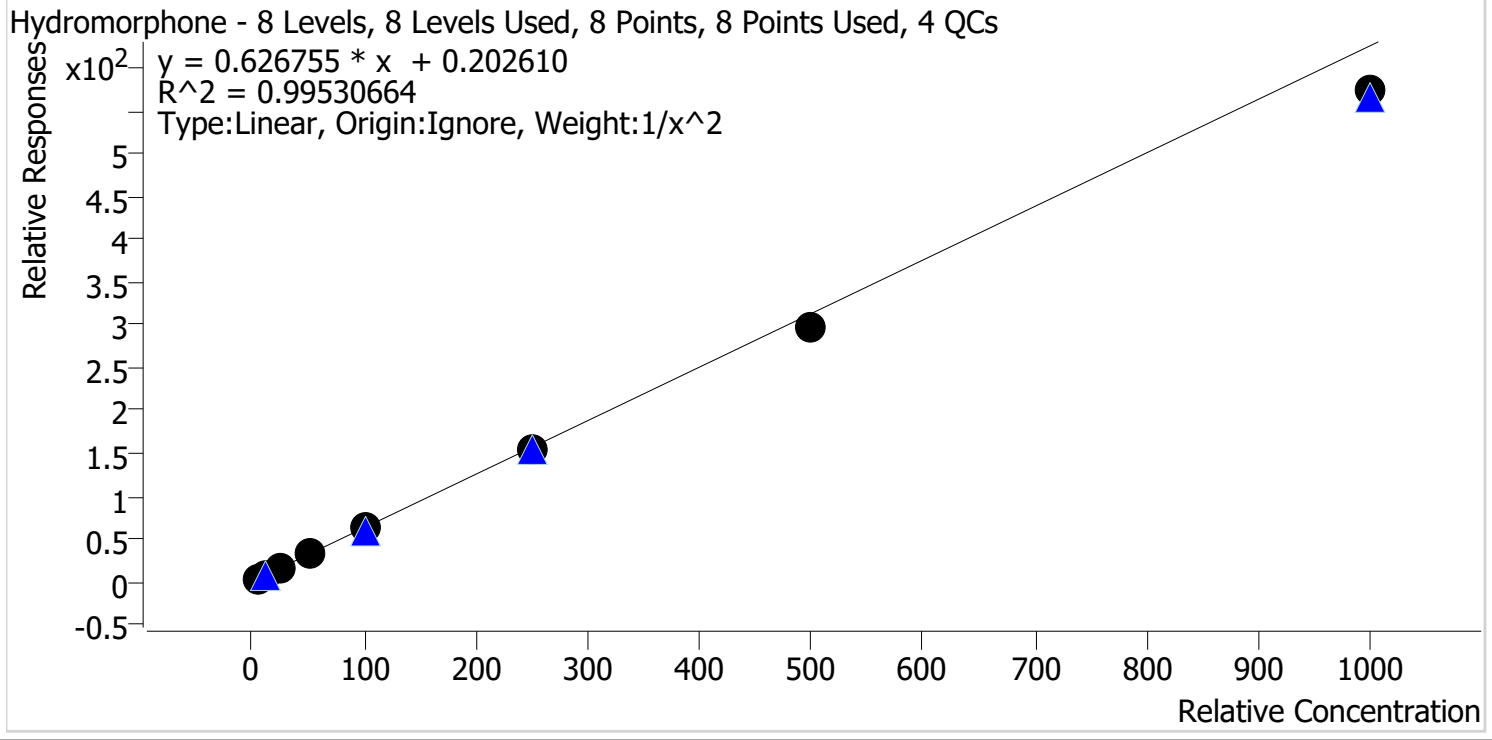
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	54.3	108.5
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	474.0	94.8
p1 Cal 8-1000ng	8	✓	1000.0	908.0	90.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Morphine-D6



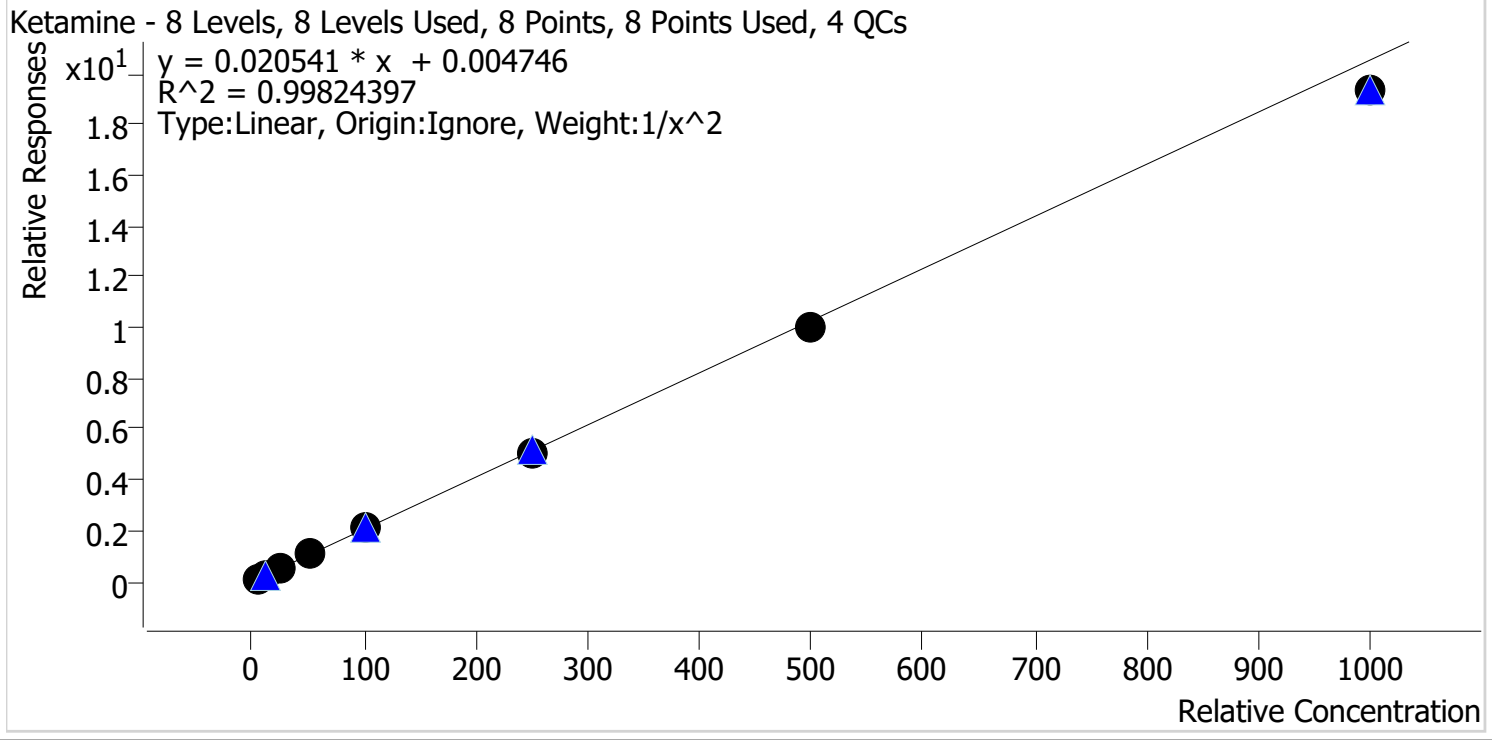
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	55.6	111.2
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	245.1	98.0
p1 Cal 7-500ng	7	✓	500.0	475.6	95.1
p1 Cal 8-1000ng	8	✓	1000.0	916.3	91.6

8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



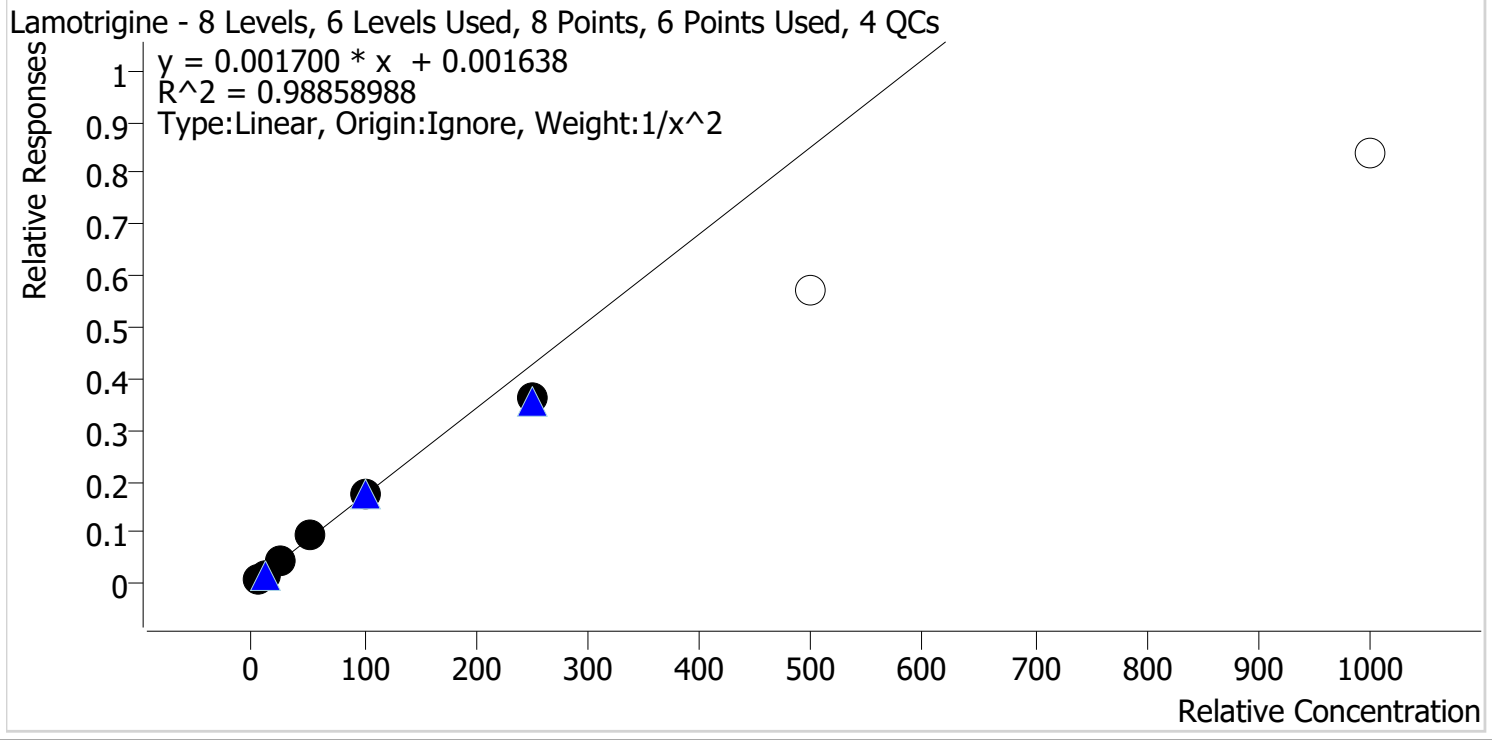
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	53.4	106.7
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	489.5	97.9
p1 Cal 8-1000ng	8	✓	1000.0	941.3	94.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 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	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	55.0	110.0
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	211.3	84.5
p1 Cal 7-500ng	7	x	500.0	333.5	66.7
p1 Cal 8-1000ng	8	x	1000.0	494.5	49.4

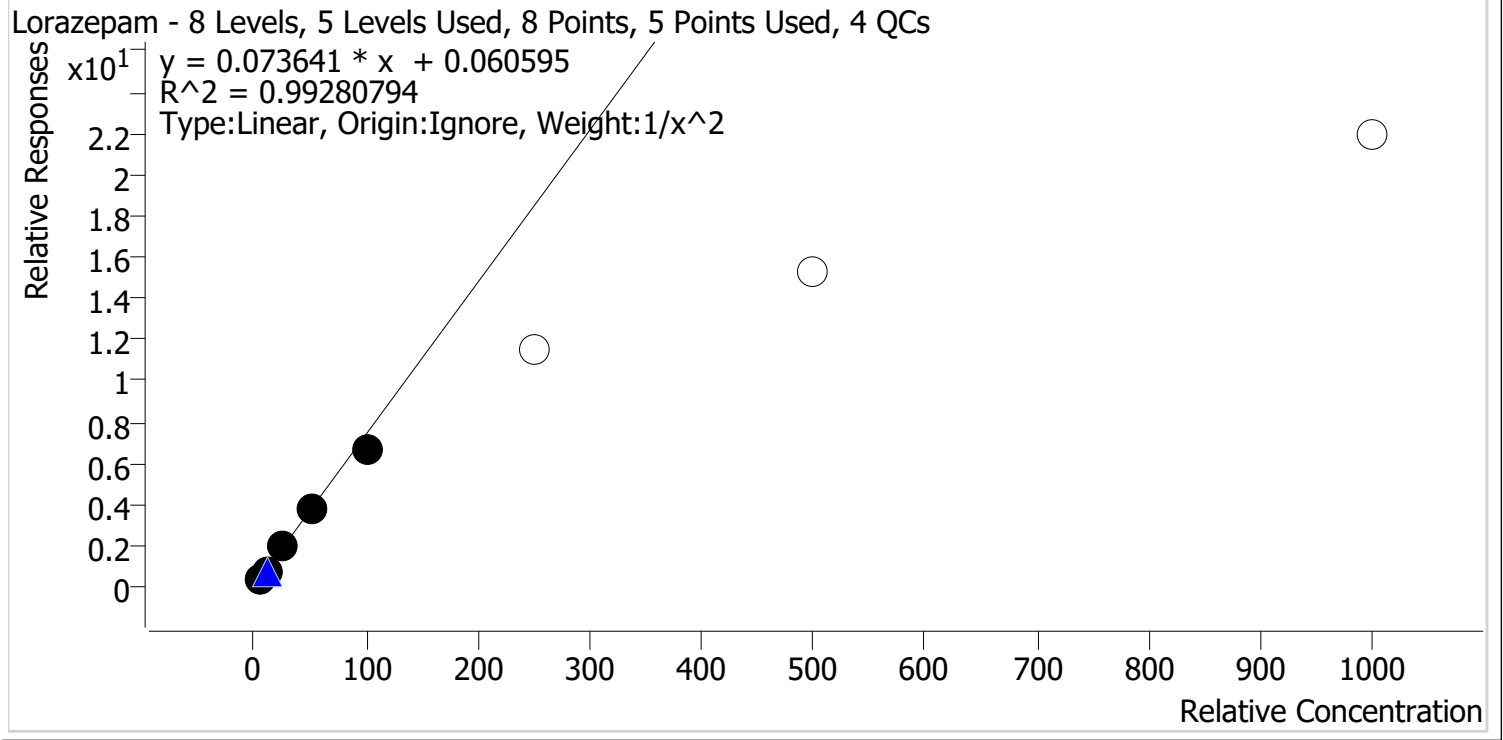
Calibrators 7 and 8 dropped due to not meeting accuracy requirement

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	51.2	102.3
p1 Cal 5-100ng	5	✓	100.0	90.1	90.1
p1 Cal 6-250ng	6	x	250.0	156.6	62.6
p1 Cal 7-500ng	7	x	500.0	207.6	41.5
p1 Cal 8-1000ng	8	x	1000.0	298.0	29.8

Calibrators 6-8 dropped due to not meeting accuracy requirement.

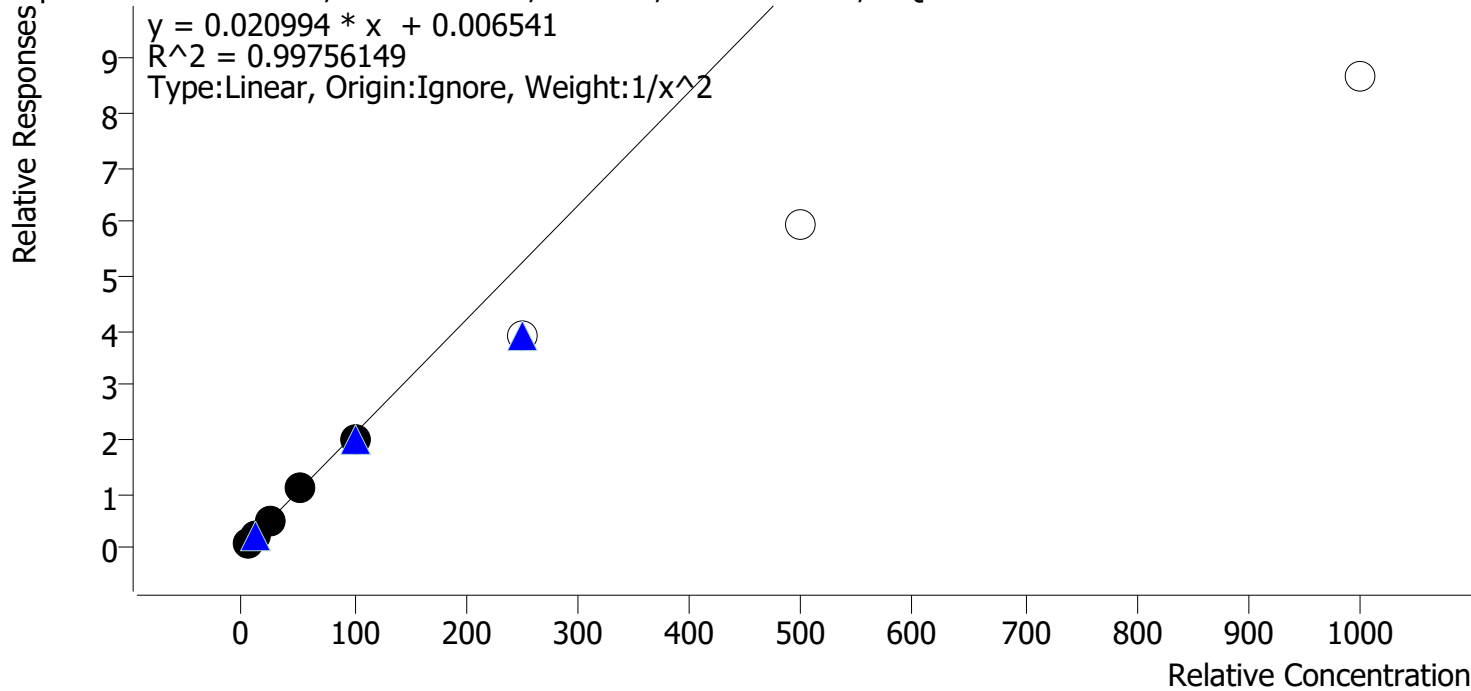
8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	x	250.0	184.7	73.9
p1 Cal 7-500ng	7	x	500.0	283.1	56.6
p1 Cal 8-1000ng	8	x	1000.0	414.5	41.5

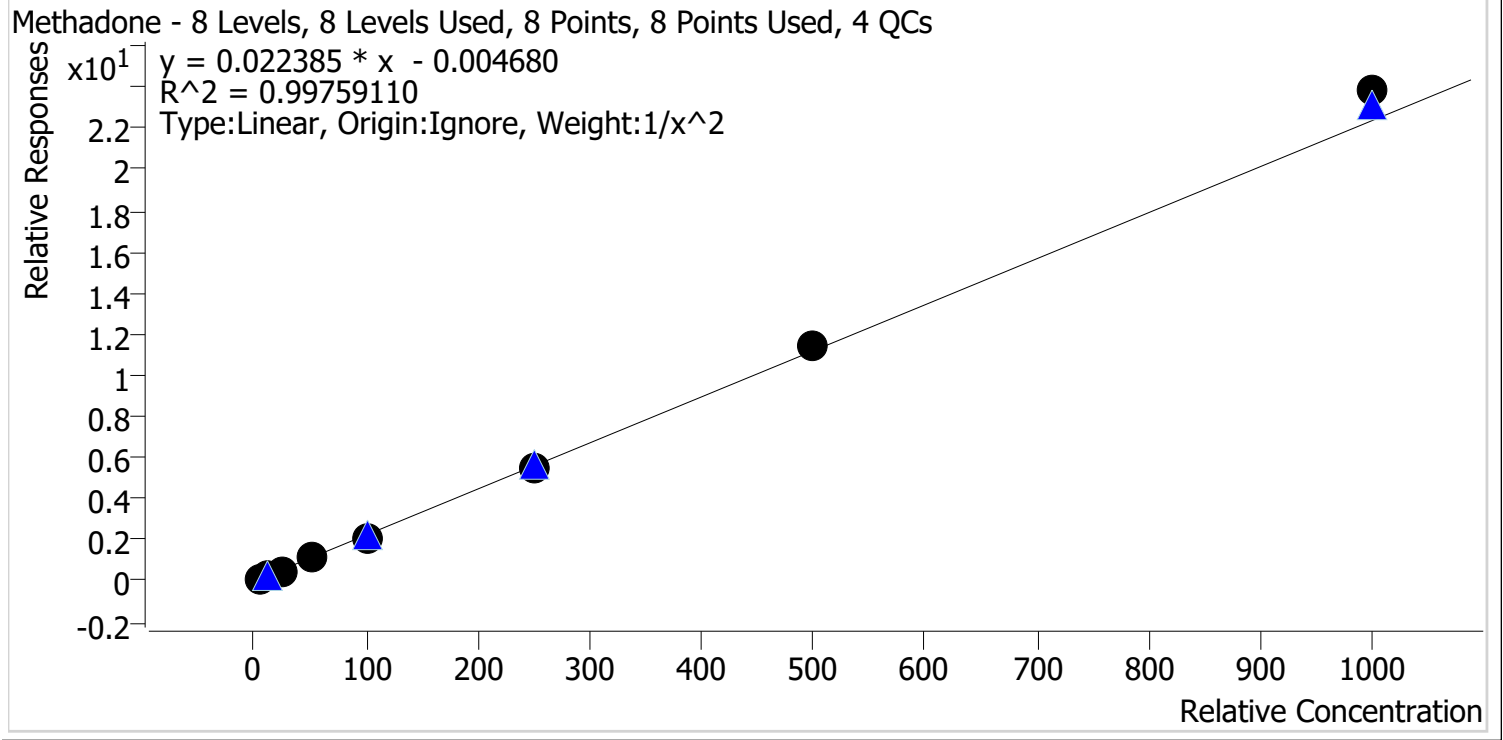
Calibrators 6-8 dropped due to not meeting accuracy requirement

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



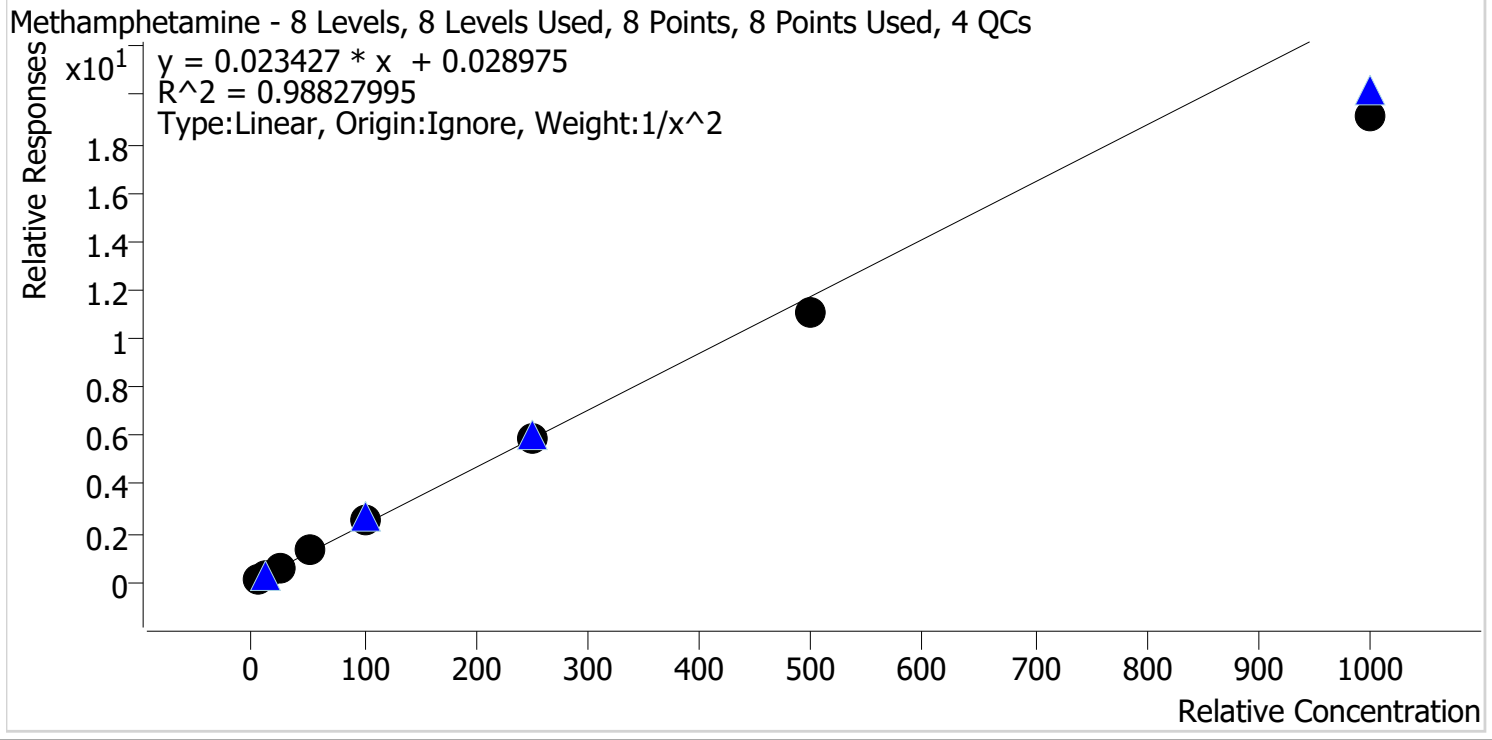
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.4
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	512.7	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1065.1	106.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 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	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	55.9	111.9
p1 Cal 5-100ng	5	✓	100.0	108.2	108.2
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	469.8	94.0
p1 Cal 8-1000ng	8	✓	1000.0	815.0	81.5

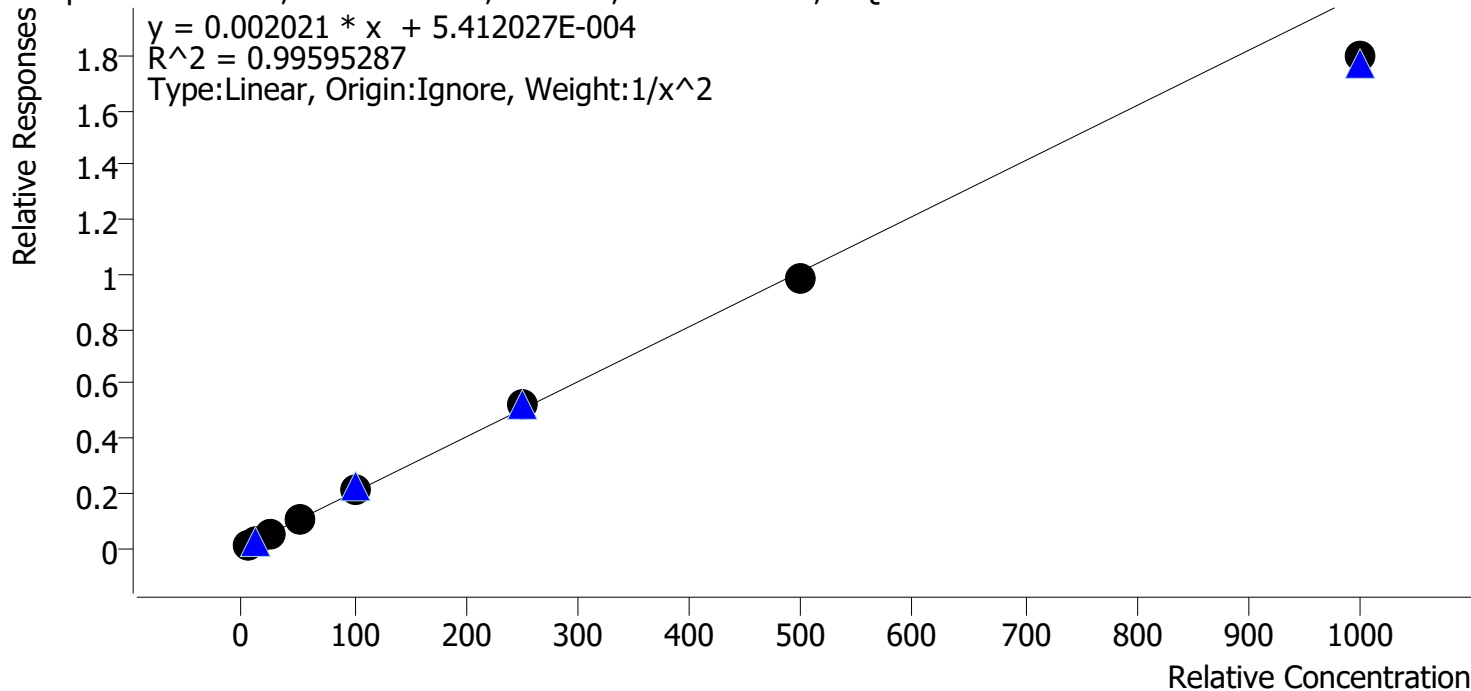
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	258.2	103.3
p1 Cal 7-500ng	7	✓	500.0	488.1	97.6
p1 Cal 8-1000ng	8	✓	1000.0	888.9	88.9

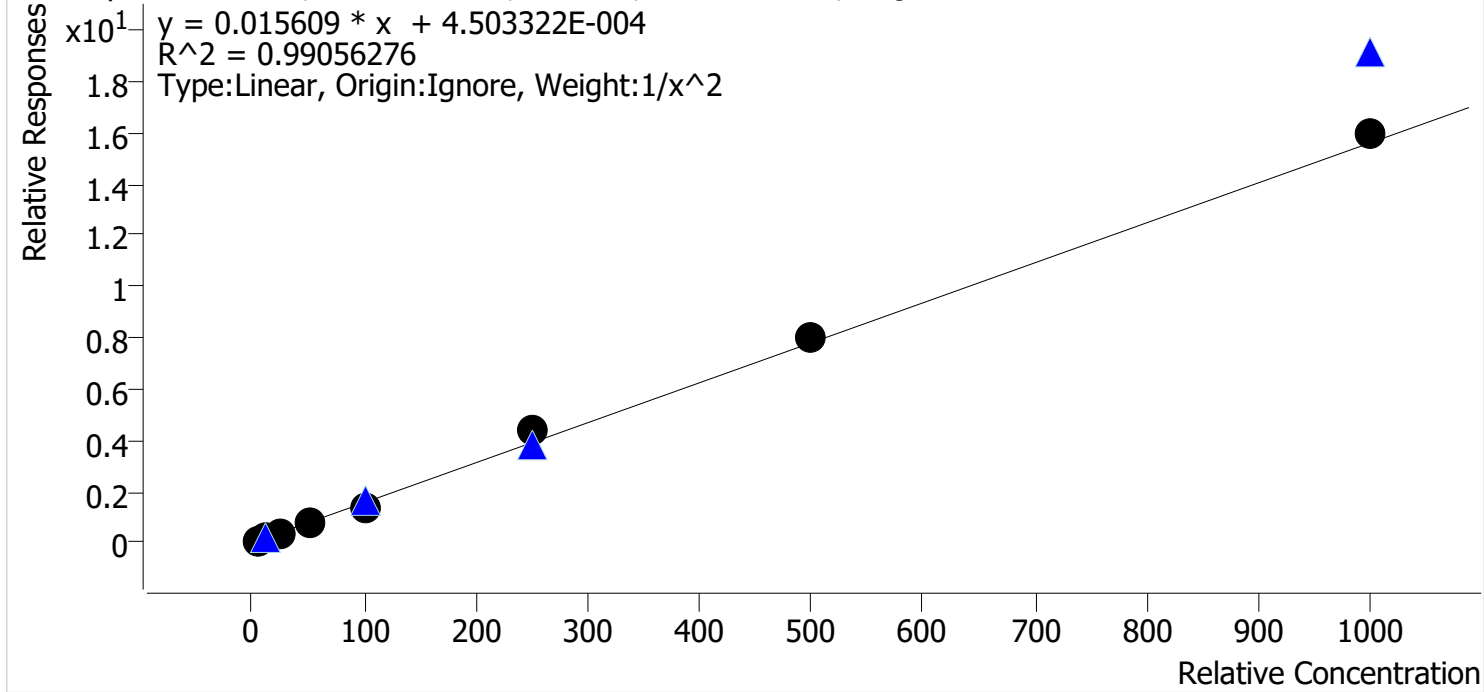
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

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



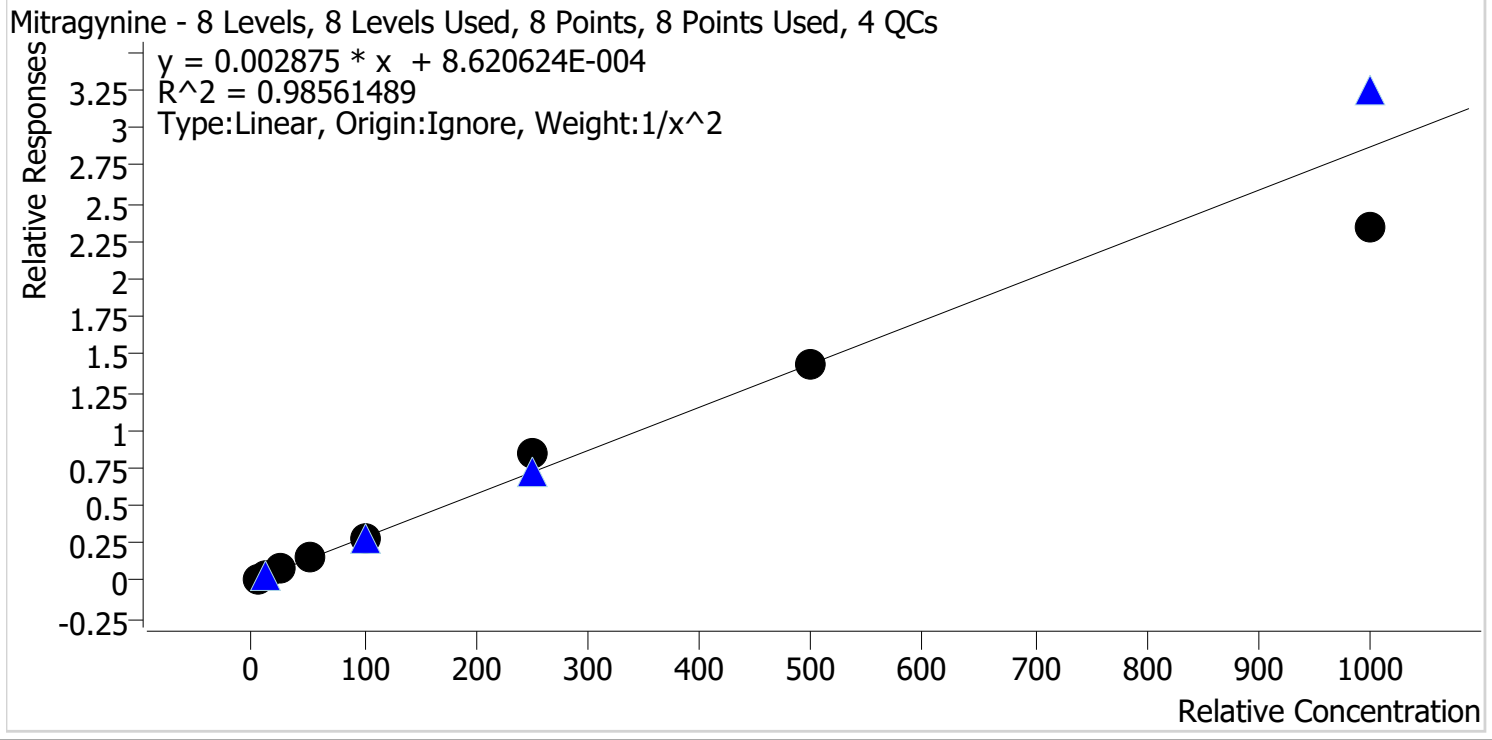
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.9	108.7
p1 Cal 3 -25ng	3	✓	25.0	23.7	95.0
p1 Cal 4-50ng	4	✓	50.0	46.5	93.0
p1 Cal 5-100ng	5	✓	100.0	87.2	87.2
p1 Cal 6-250ng	6	✓	250.0	282.2	112.9
p1 Cal 7-500ng	7	✓	500.0	517.8	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1019.5	101.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



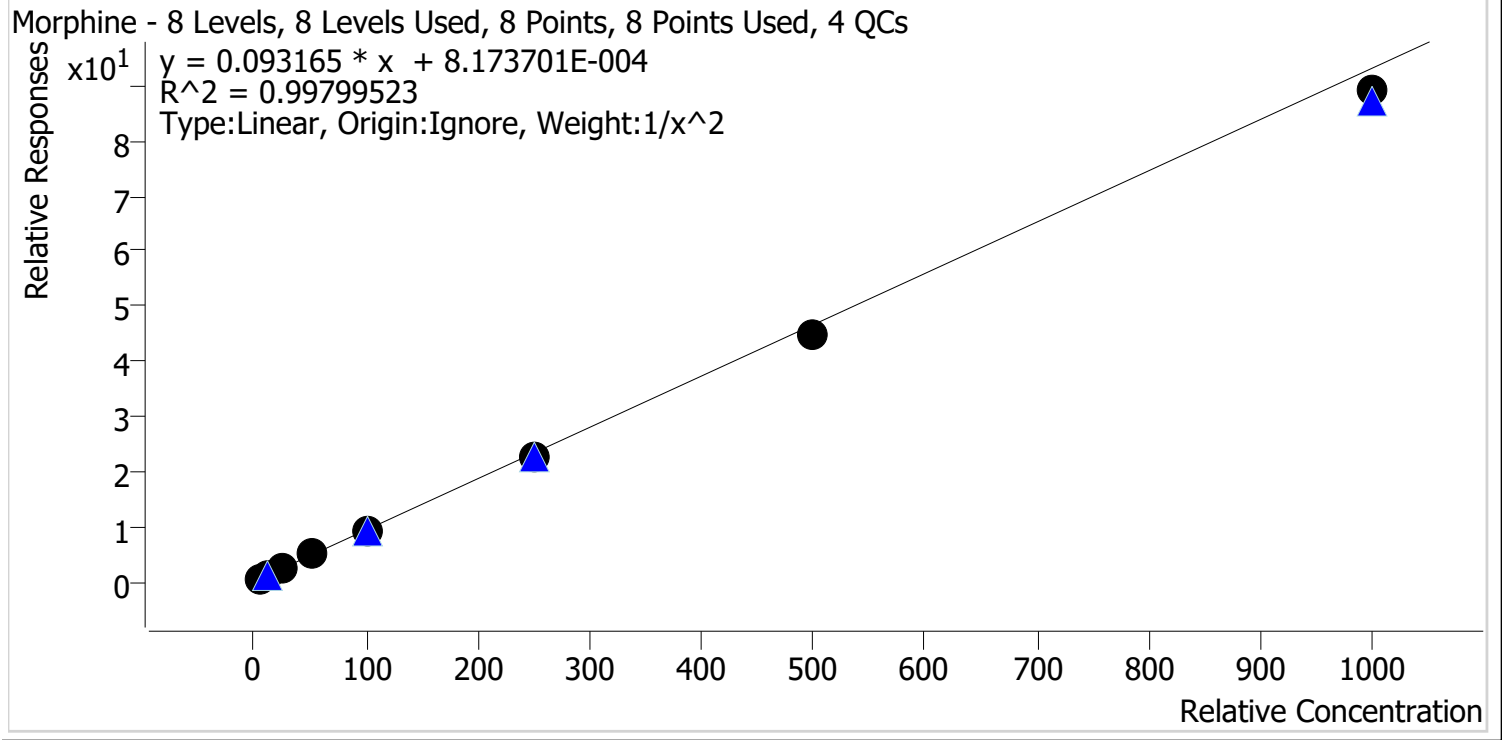
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.9	108.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	293.0	117.2
p1 Cal 7-500ng	7	✓	500.0	498.5	99.7
p1 Cal 8-1000ng	8	✓	1000.0	811.4	81.1

8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



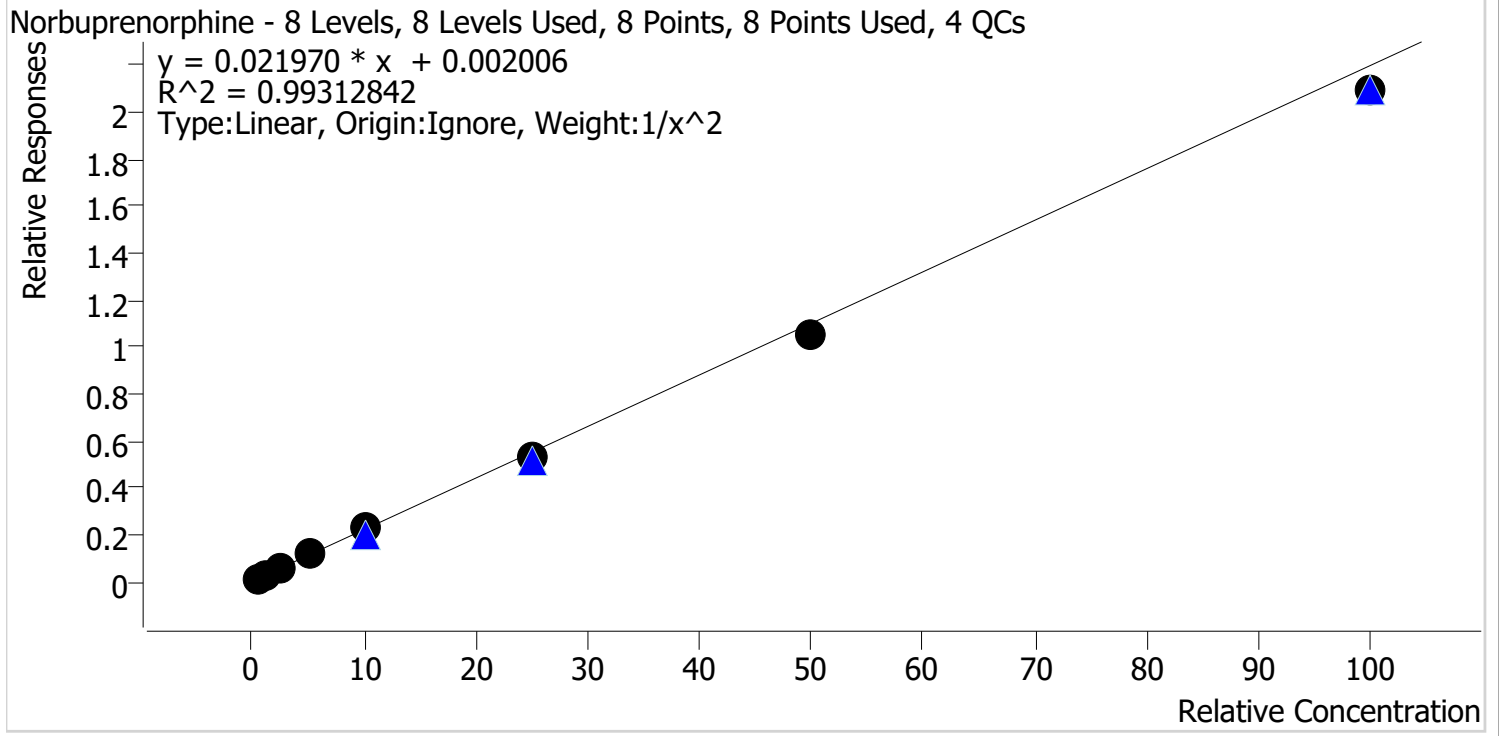
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	244.8	97.9
p1 Cal 7-500ng	7	✓	500.0	481.1	96.2
p1 Cal 8-1000ng	8	✓	1000.0	956.3	95.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



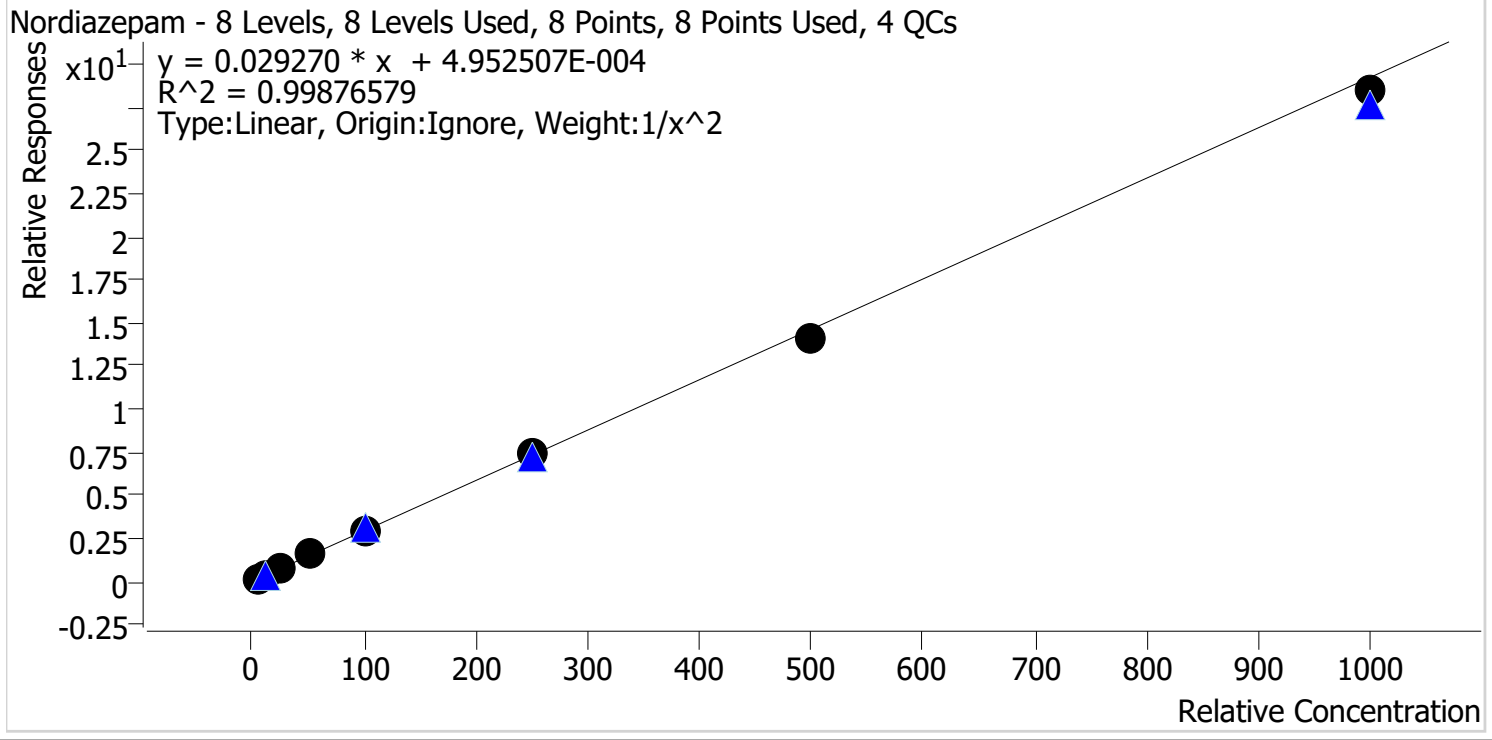
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	92.8
p1 Cal 2-10ng	2	✓	1.0	1.1	114.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.8
p1 Cal 4-50ng	4	✓	5.0	5.3	105.2
p1 Cal 5-100ng	5	✓	10.0	10.3	102.8
p1 Cal 6-250ng	6	✓	25.0	24.3	97.1
p1 Cal 7-500ng	7	✓	50.0	47.8	95.6
p1 Cal 8-1000ng	8	✓	100.0	95.1	95.1

8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 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	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	53.3	106.5
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	482.3	96.5
p1 Cal 8-1000ng	8	✓	1000.0	973.8	97.4

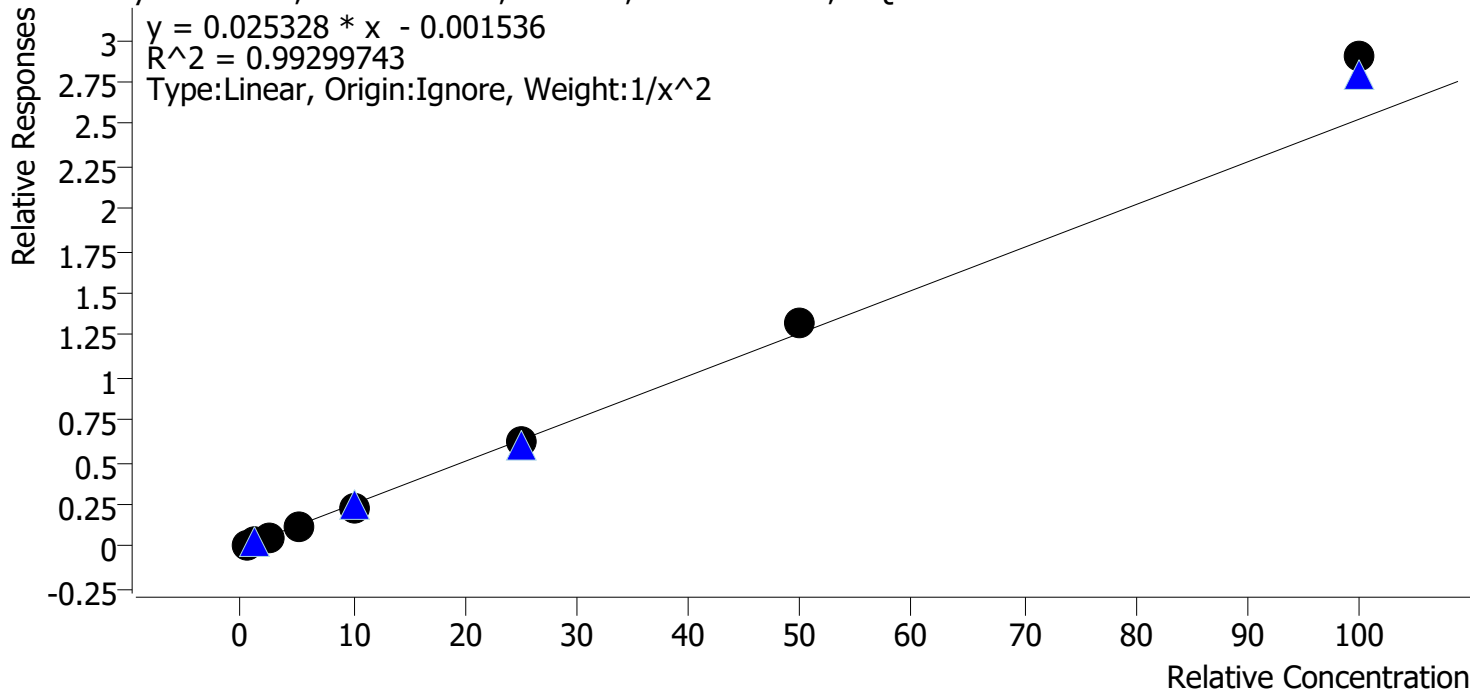
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.0
p1 Cal 2-10ng	2	✓	1.0	1.0	95.9
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.3
p1 Cal 4-50ng	4	✓	5.0	4.8	96.5
p1 Cal 5-100ng	5	✓	10.0	9.4	93.8
p1 Cal 6-250ng	6	✓	25.0	24.3	97.2
p1 Cal 7-500ng	7	✓	50.0	52.3	104.7
p1 Cal 8-1000ng	8	✓	100.0	114.6	114.6

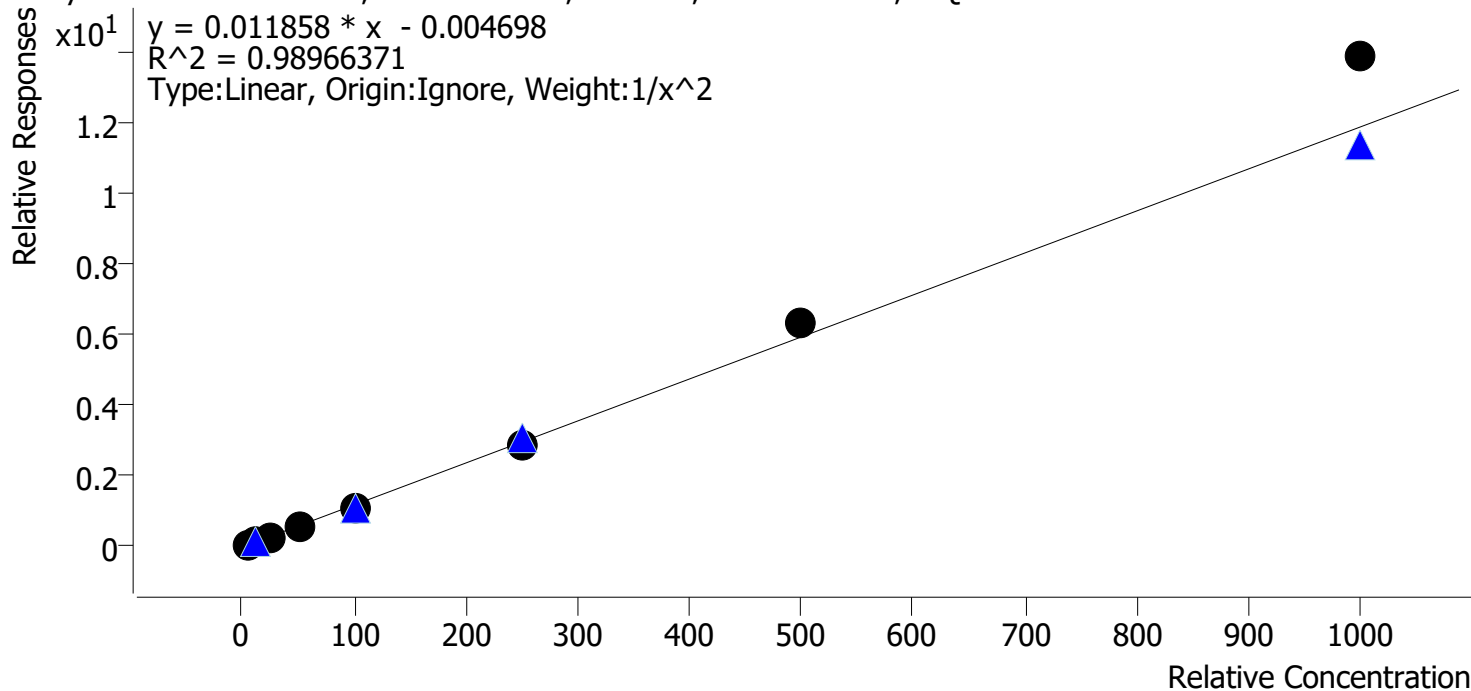
8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



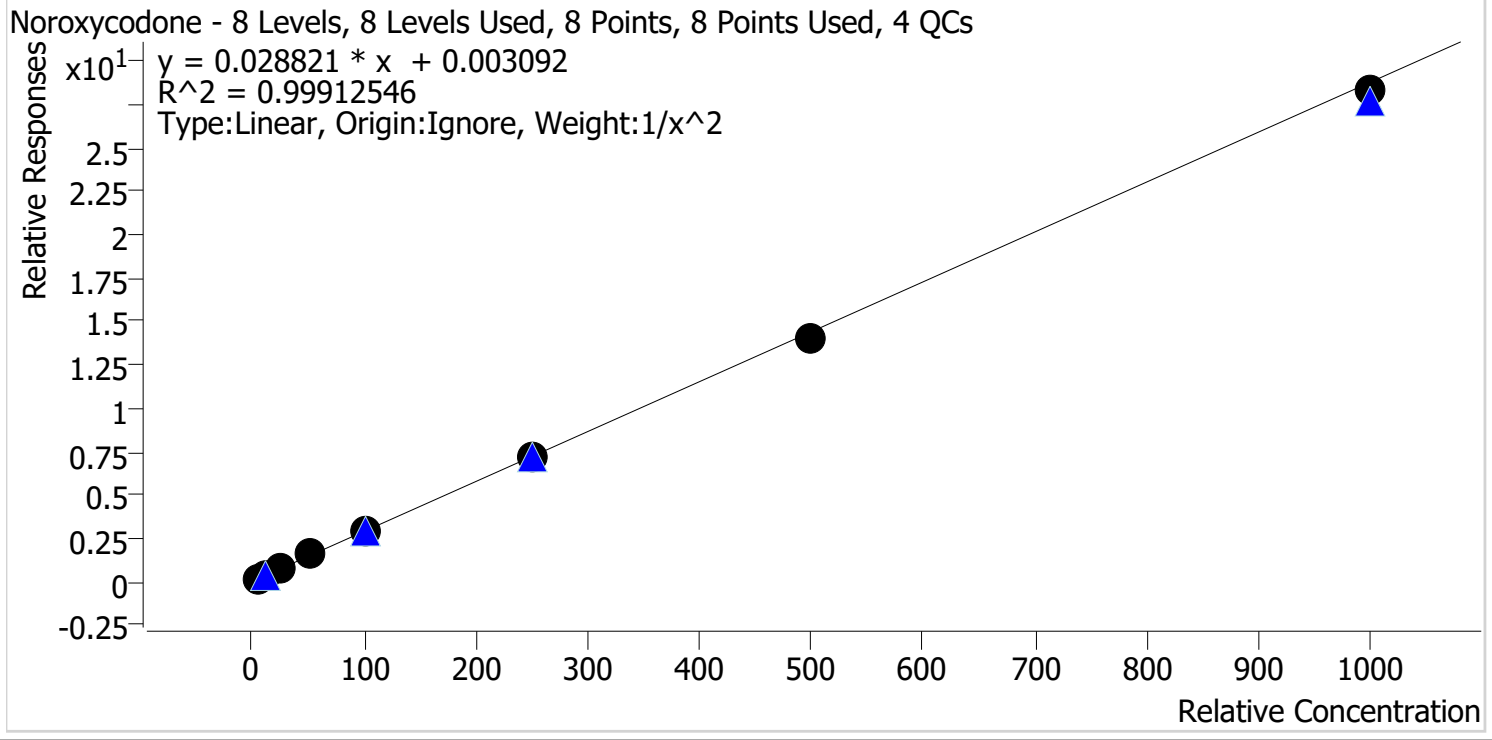
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.3
p1 Cal 2-10ng	2	✓	10.0	9.1	91.4
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.1
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	93.7	93.7
p1 Cal 6-250ng	6	✓	250.0	239.3	95.7
p1 Cal 7-500ng	7	✓	500.0	531.6	106.3
p1 Cal 8-1000ng	8	✓	1000.0	1167.6	116.8

8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



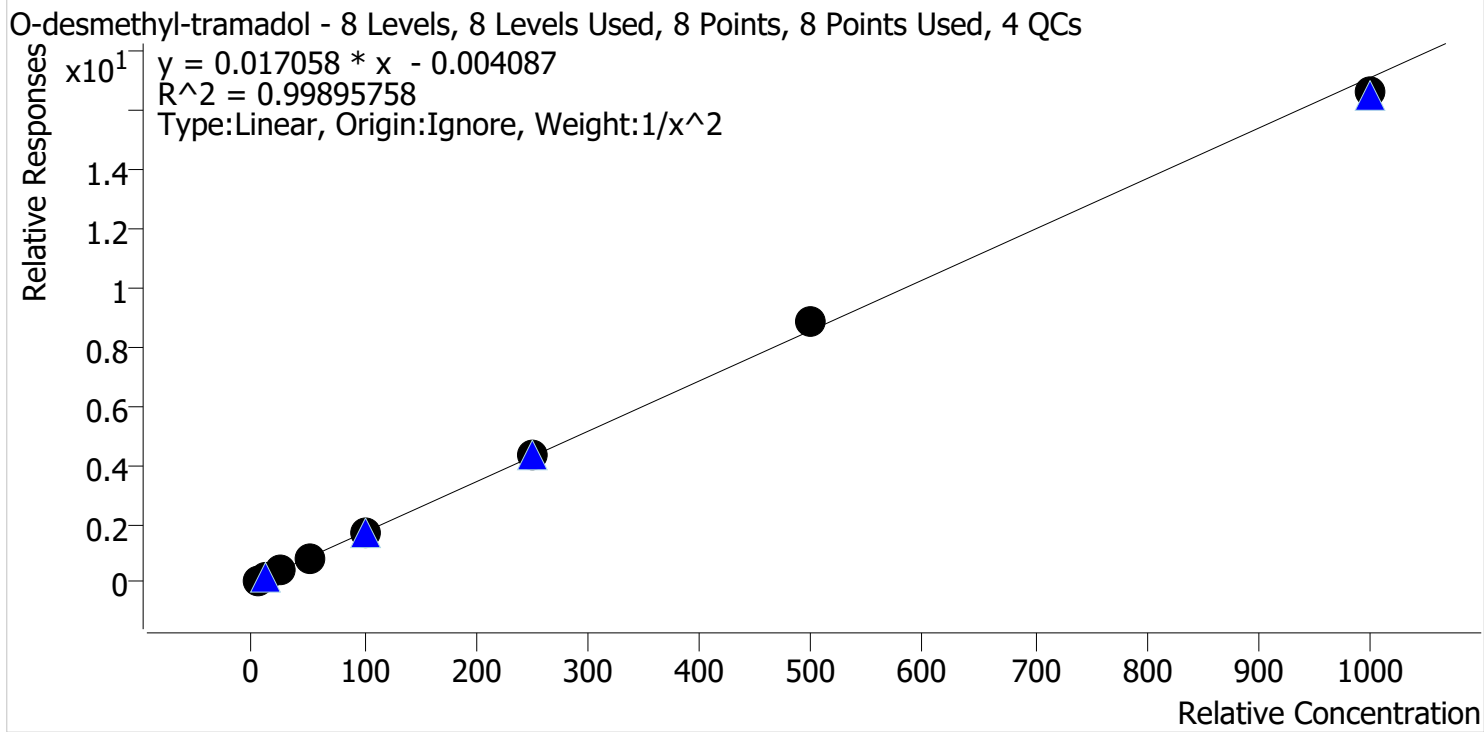
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	487.7	97.5
p1 Cal 8-1000ng	8	✓	1000.0	983.3	98.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	518.5	103.7
p1 Cal 8-1000ng	8	✓	1000.0	971.2	97.1

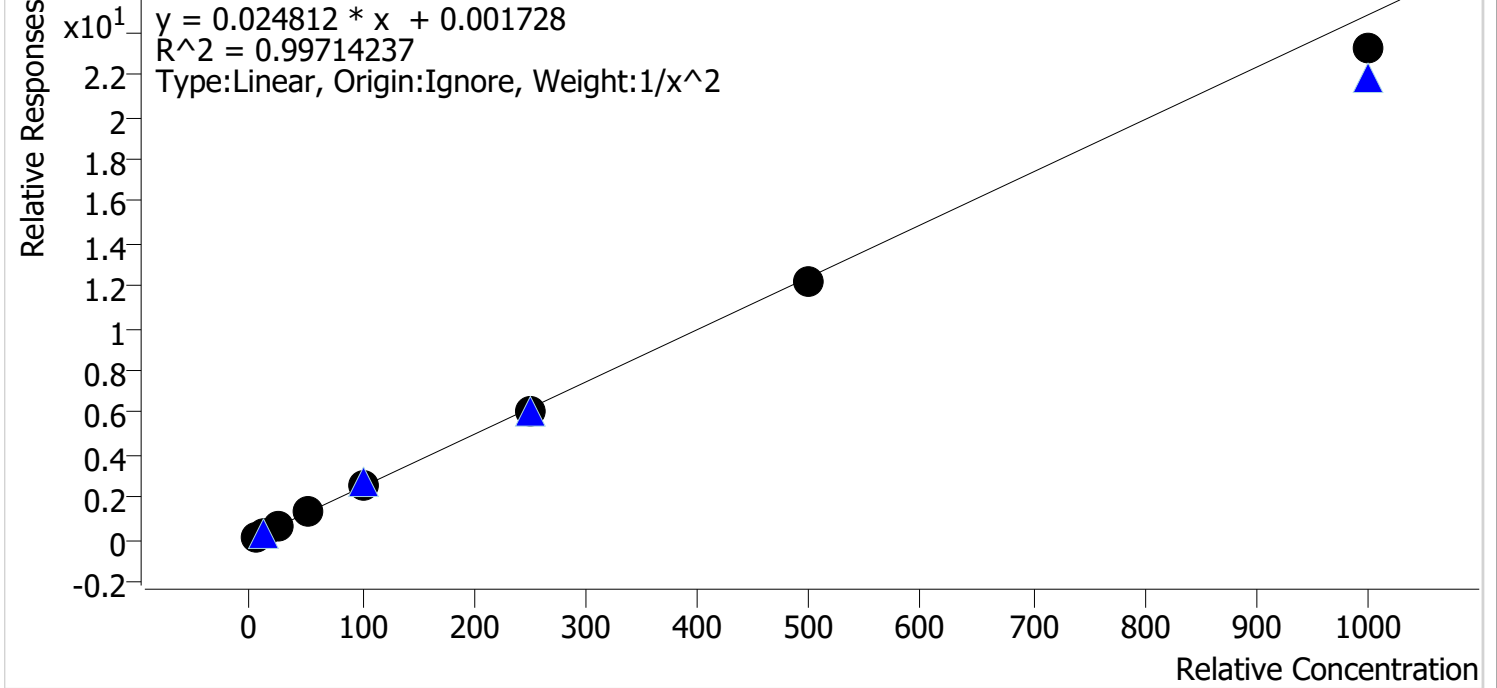
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	54.9	109.8
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	491.7	98.3
p1 Cal 8-1000ng	8	✓	1000.0	935.6	93.6

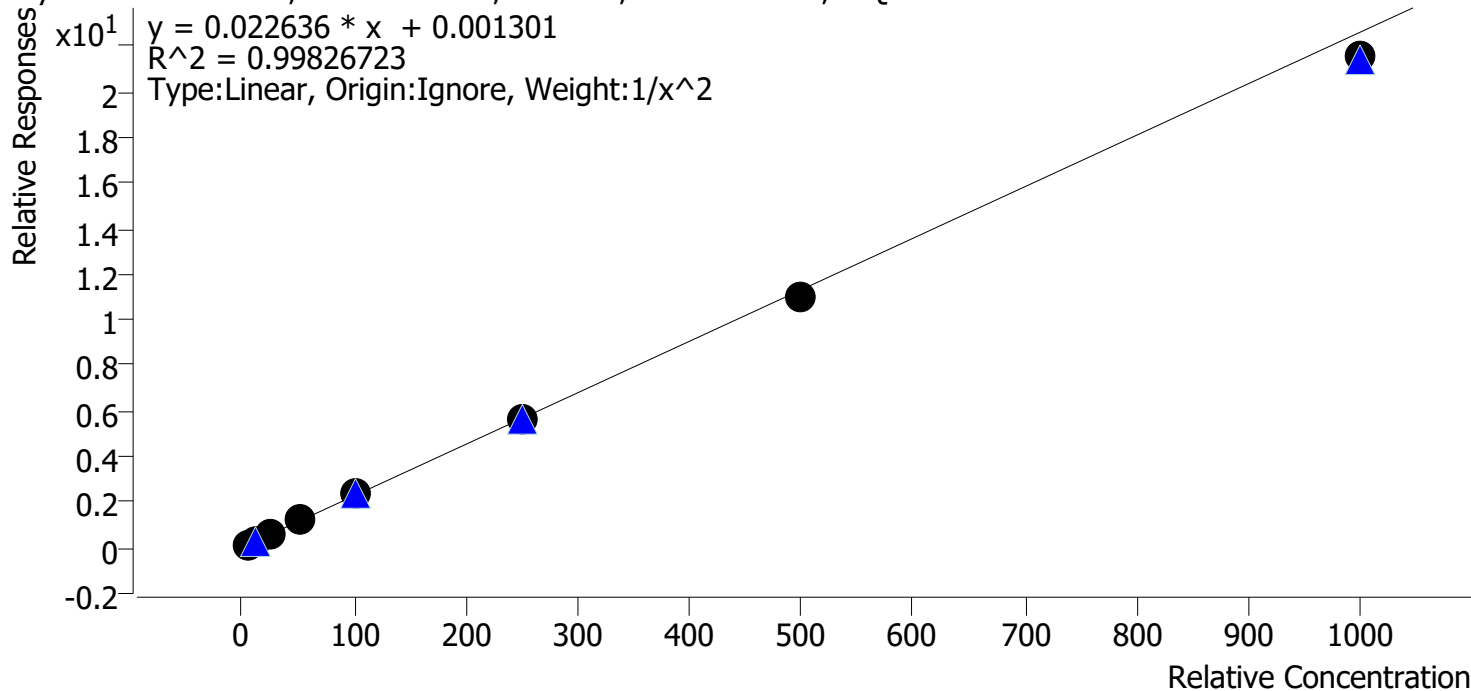
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



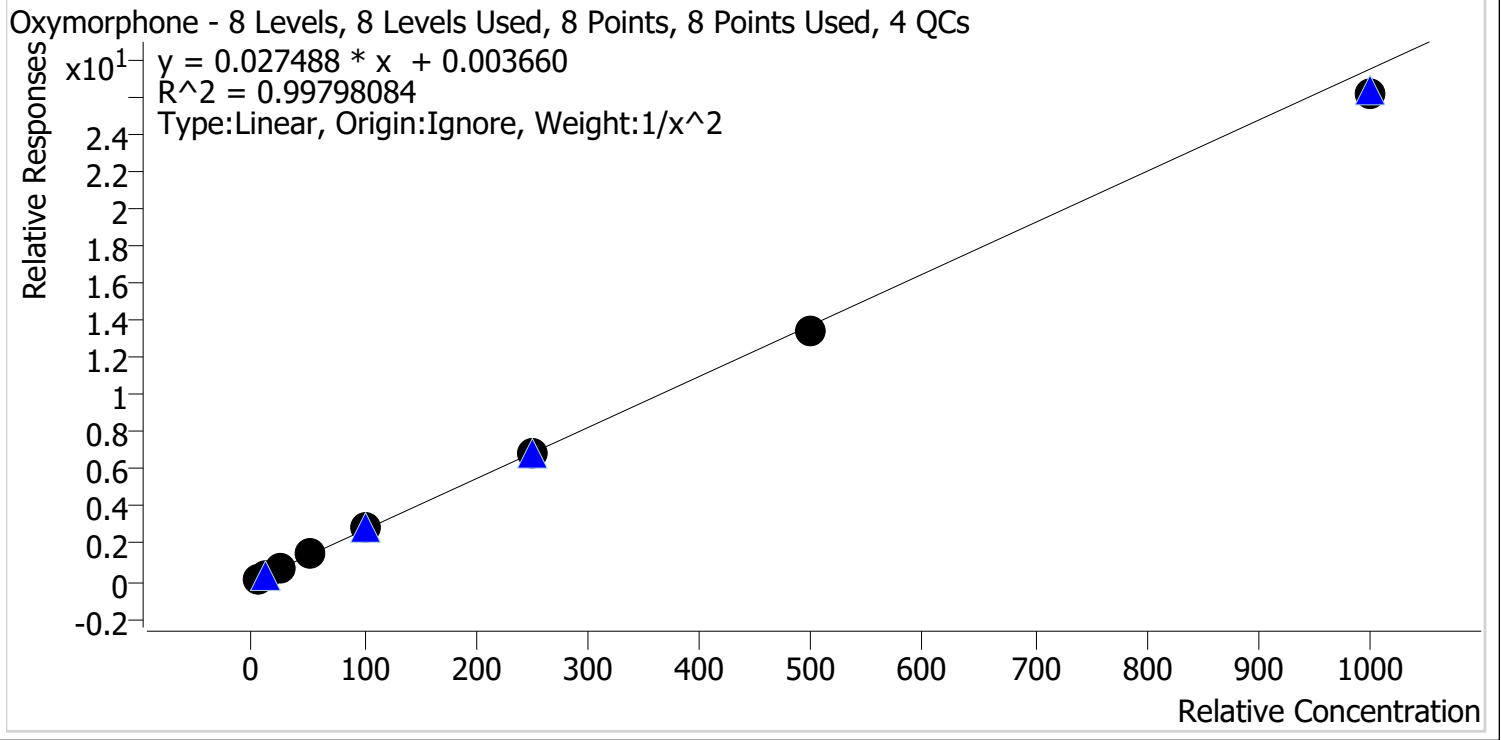
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	487.3	97.5
p1 Cal 8-1000ng	8	✓	1000.0	952.6	95.3

8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



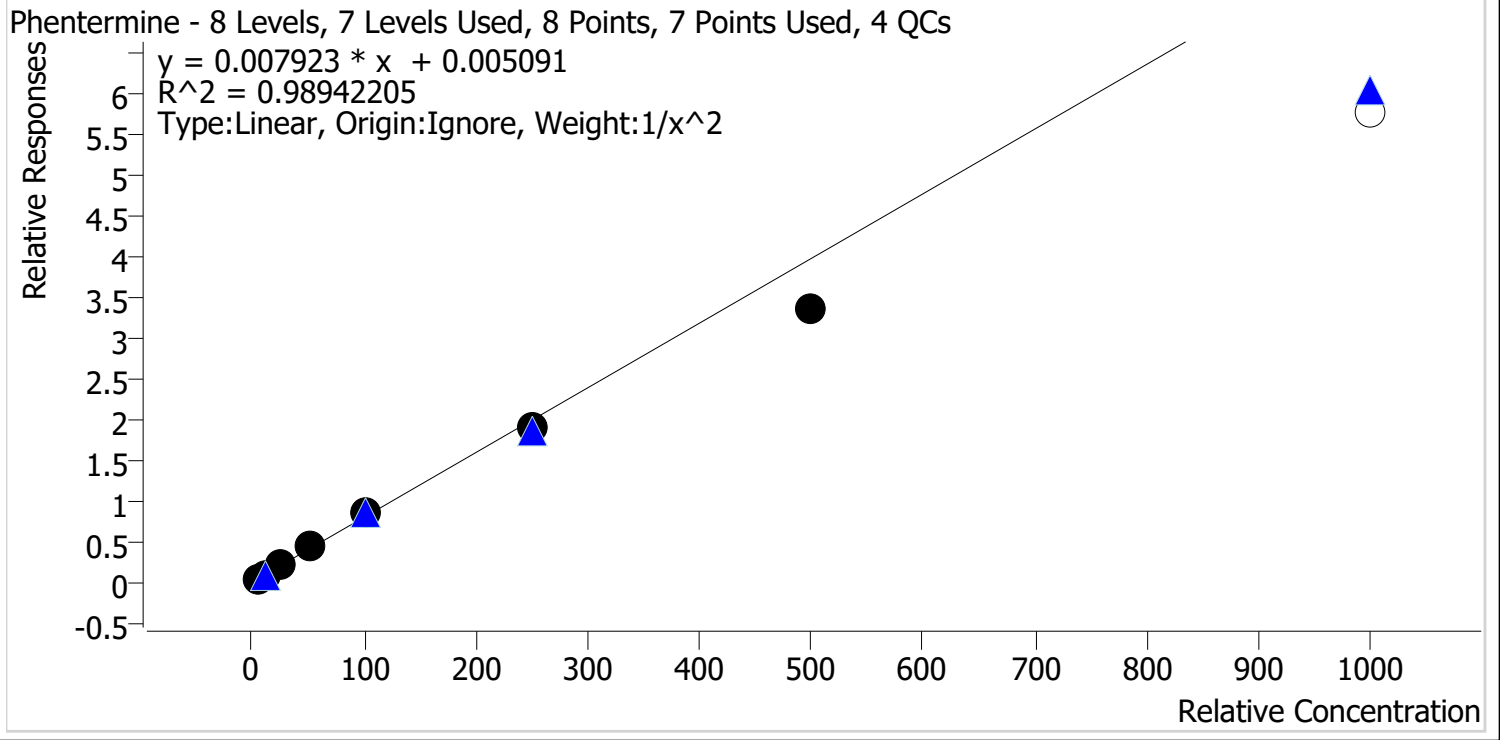
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	488.5	97.7
p1 Cal 8-1000ng	8	✓	1000.0	955.3	95.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 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	96.8
p1 Cal 2-10ng	2	✓	10.0	10.3	102.5
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	56.2	112.4
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	237.9	95.1
p1 Cal 7-500ng	7	✓	500.0	424.2	84.8
p1 Cal 8-1000ng	8	✗	1000.0	724.9	72.5

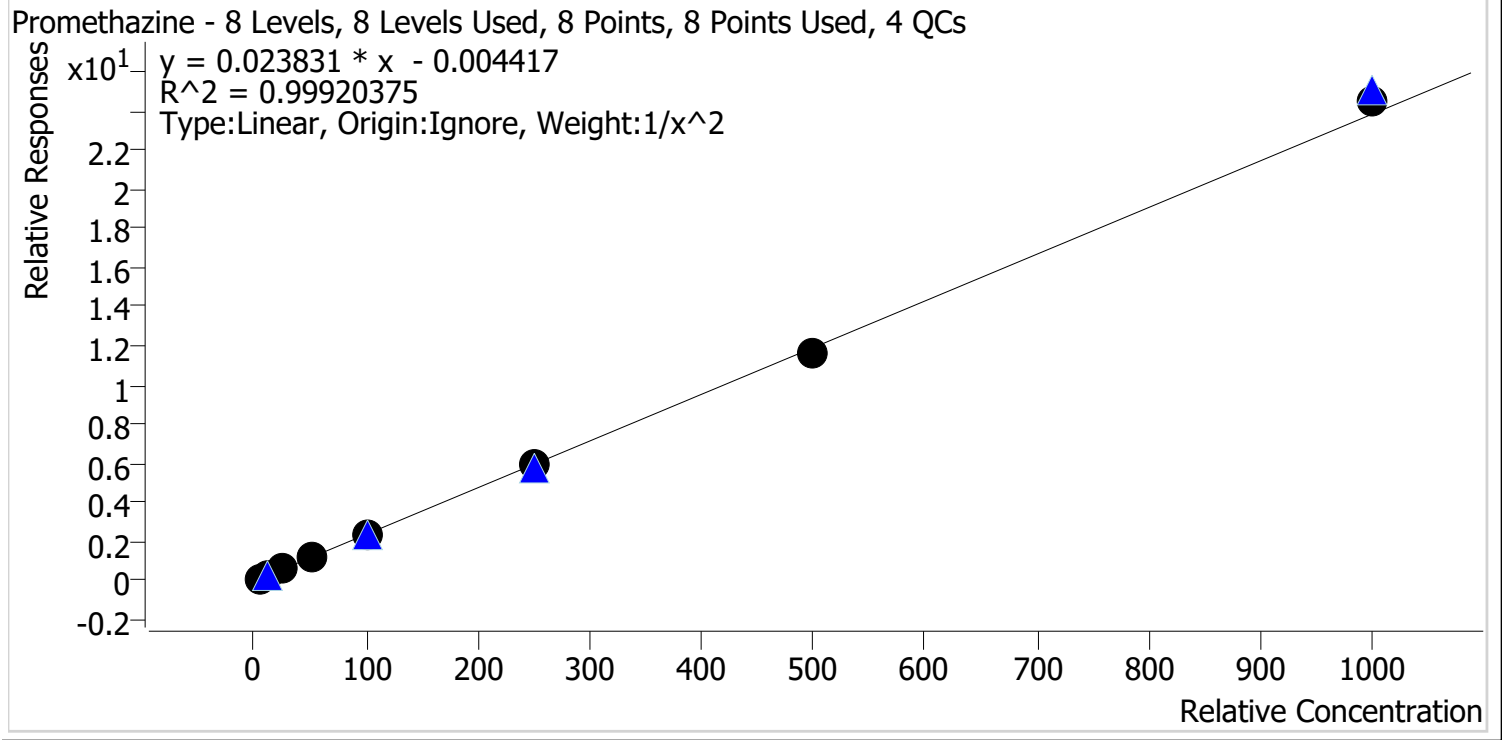
Calibrator 8 dropped due to not meeting accuracy requirement

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 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	101.9
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	490.8	98.2
p1 Cal 8-1000ng	8	✓	1000.0	1031.4	103.1

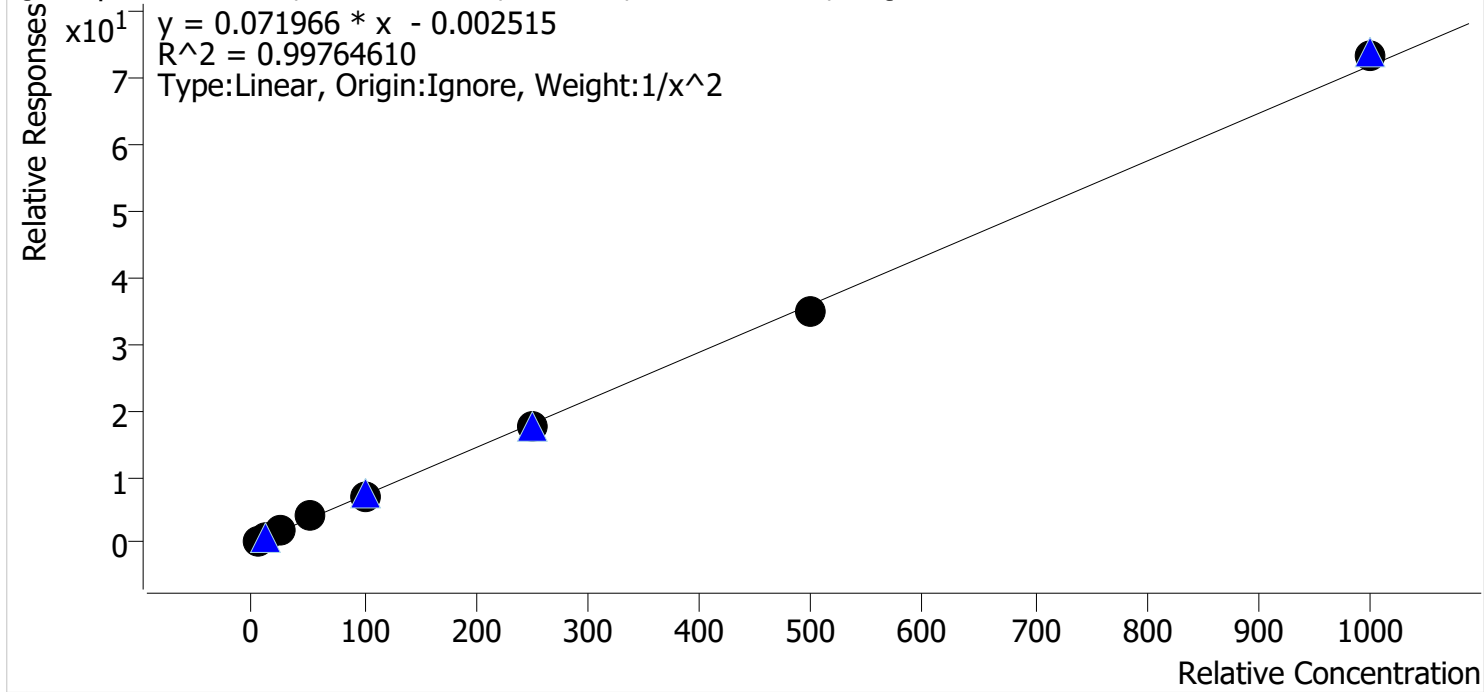
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



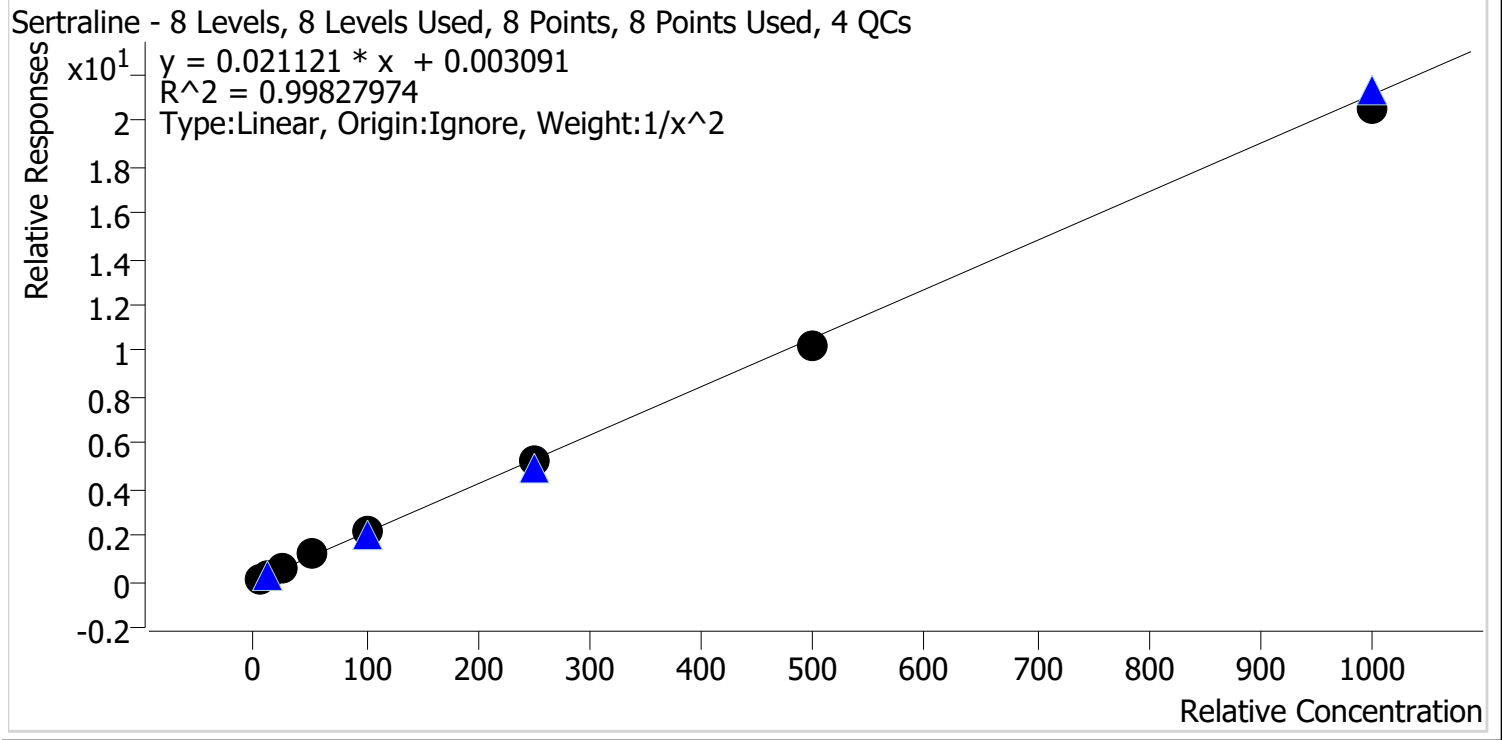
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	241.9	96.7
p1 Cal 7-500ng	7	✓	500.0	482.4	96.5
p1 Cal 8-1000ng	8	✓	1000.0	1025.0	102.5

8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 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	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	246.4	98.6
p1 Cal 7-500ng	7	✓	500.0	480.5	96.1
p1 Cal 8-1000ng	8	✓	1000.0	971.8	97.2

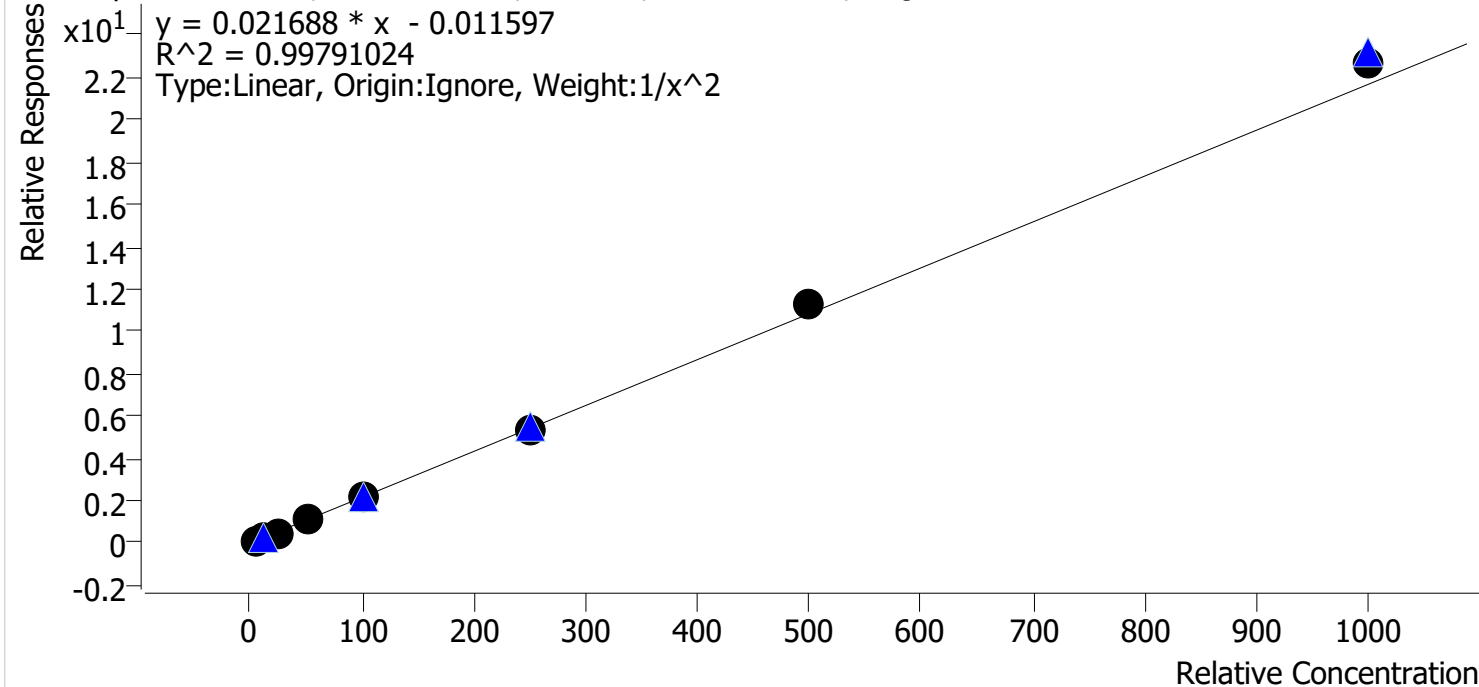
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



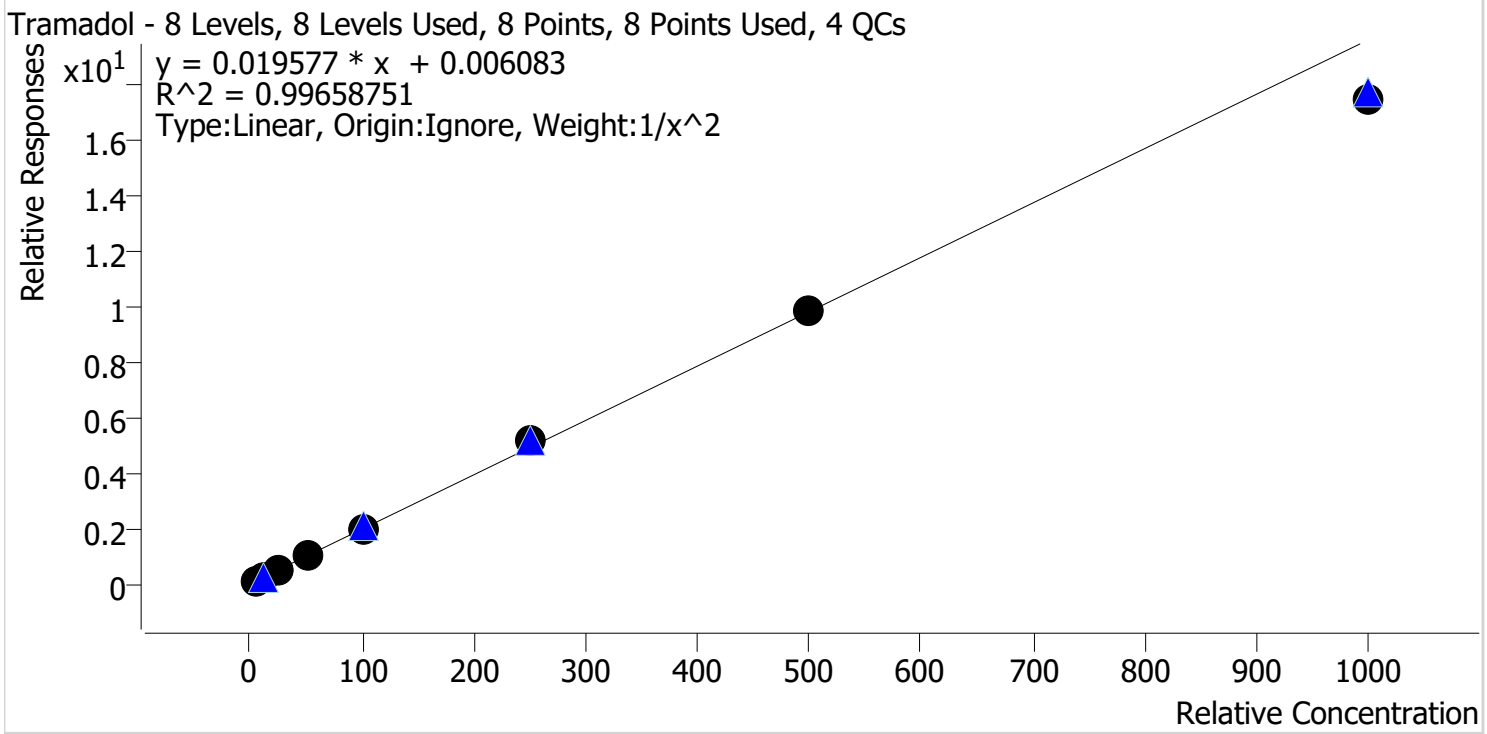
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.0
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	248.9	99.5
p1 Cal 7-500ng	7	✓	500.0	519.7	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1050.3	105.0

8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 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	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	261.0	104.4
p1 Cal 7-500ng	7	✓	500.0	499.6	99.9
p1 Cal 8-1000ng	8	✓	1000.0	888.0	88.8

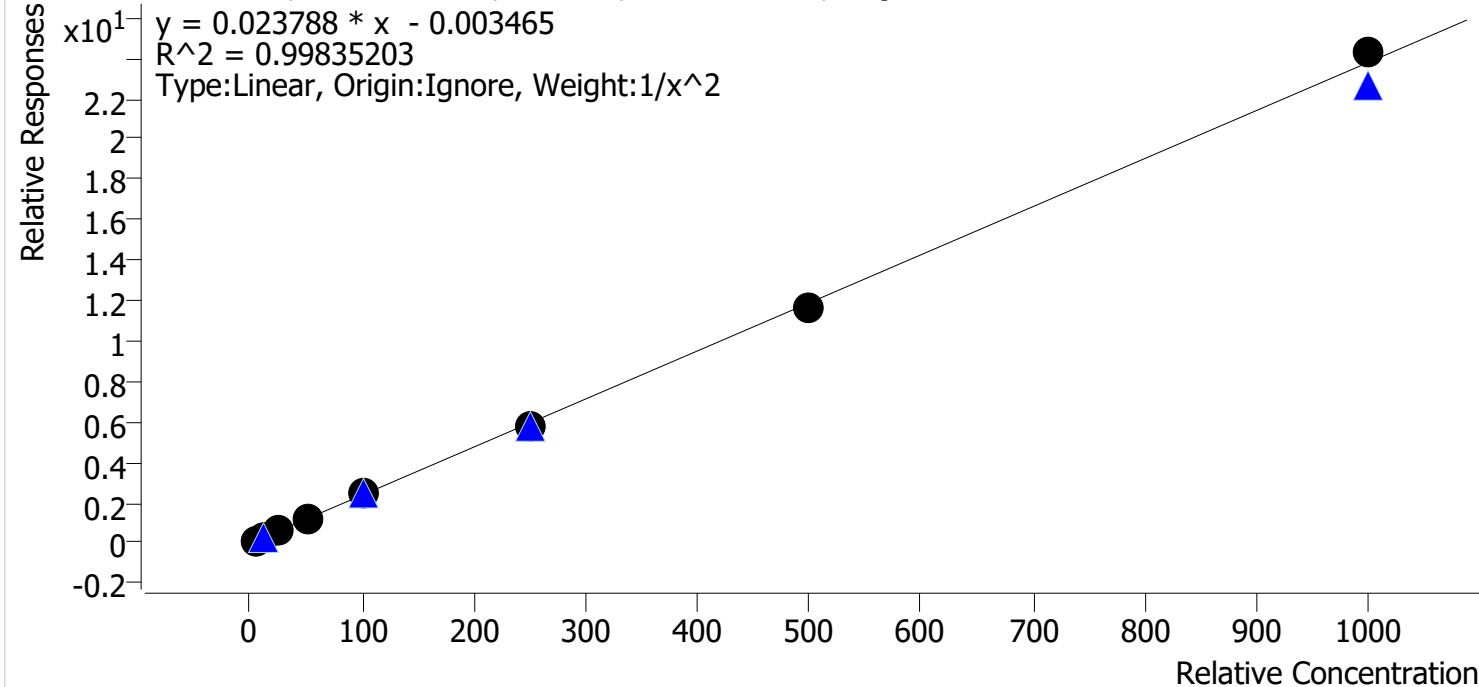
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	53.3	106.7
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	242.5	97.0
p1 Cal 7-500ng	7	✓	500.0	491.3	98.3
p1 Cal 8-1000ng	8	✓	1000.0	1020.6	102.1

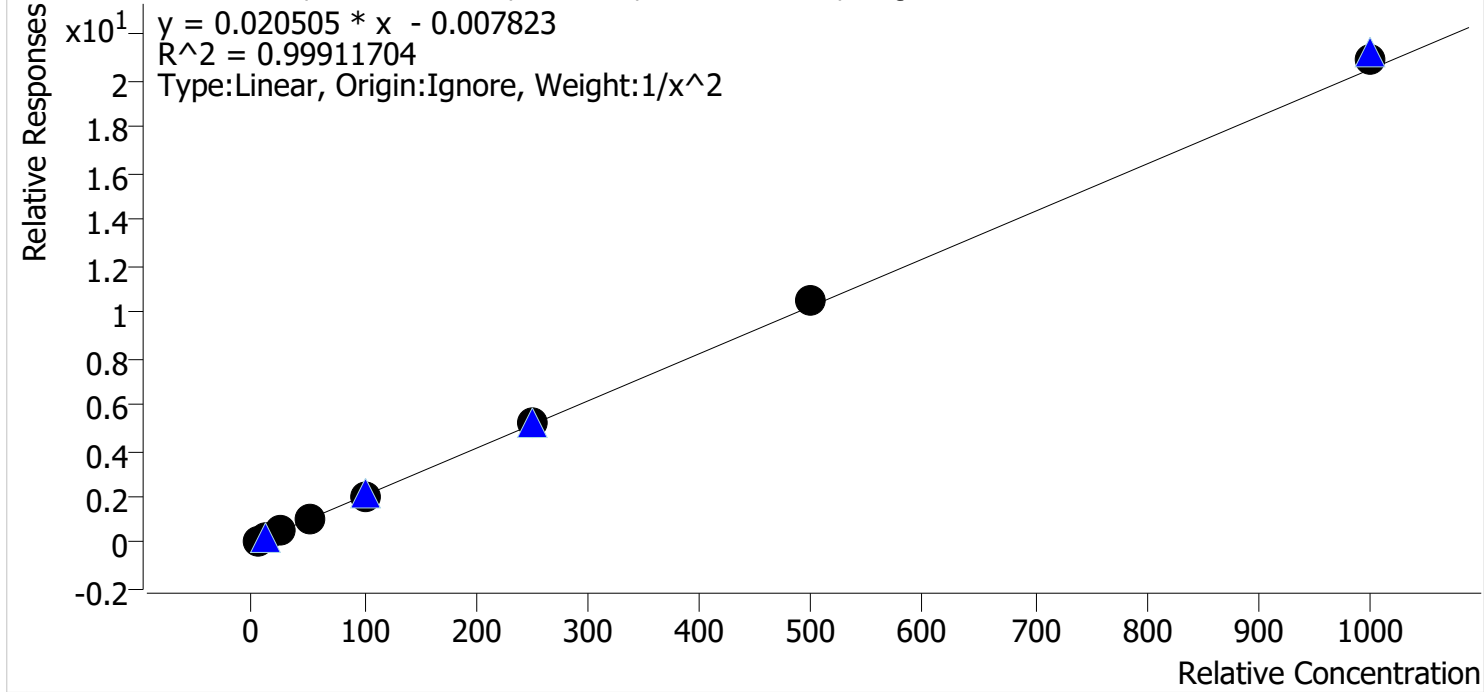
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.6	95.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	50.6	101.3
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	511.5	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1018.7	101.9

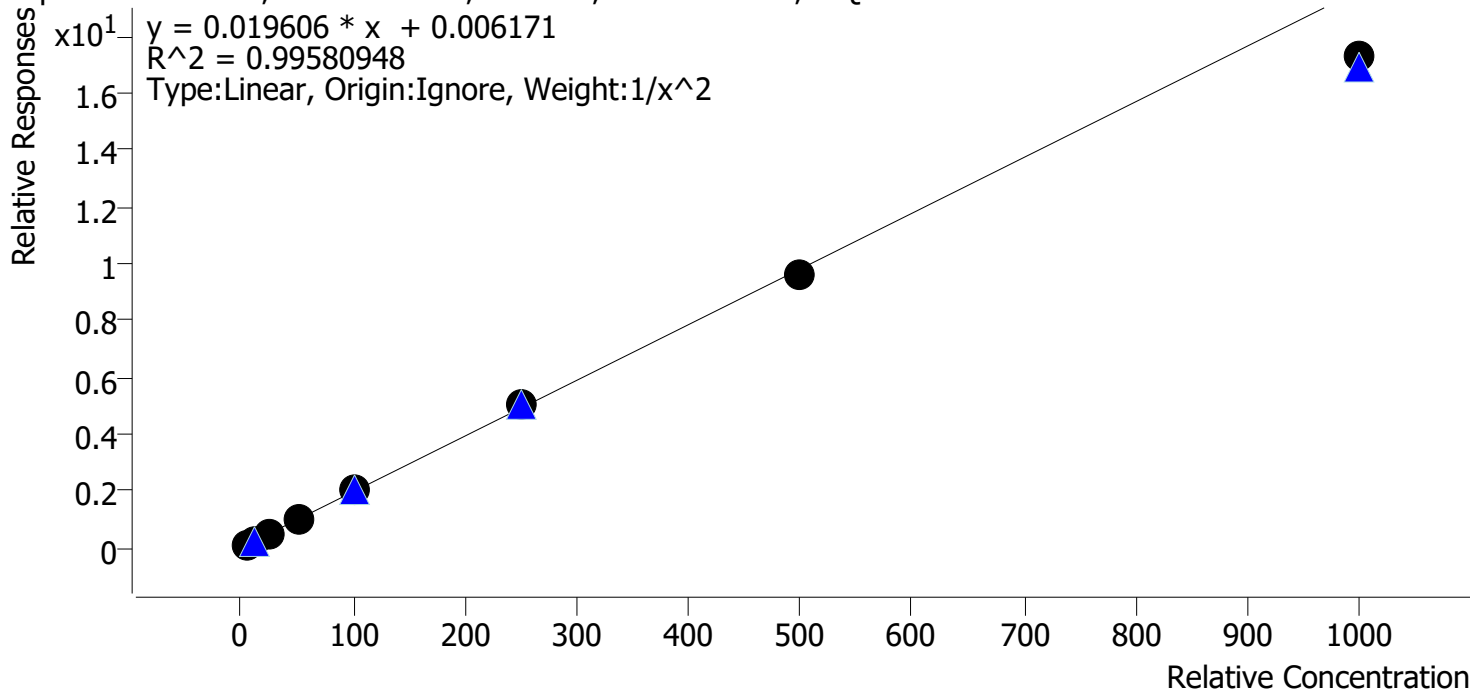
8C



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 4/29/2021 12:54 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	491.9	98.4
p1 Cal 8-1000ng	8	✓	1000.0	881.2	88.1

SC

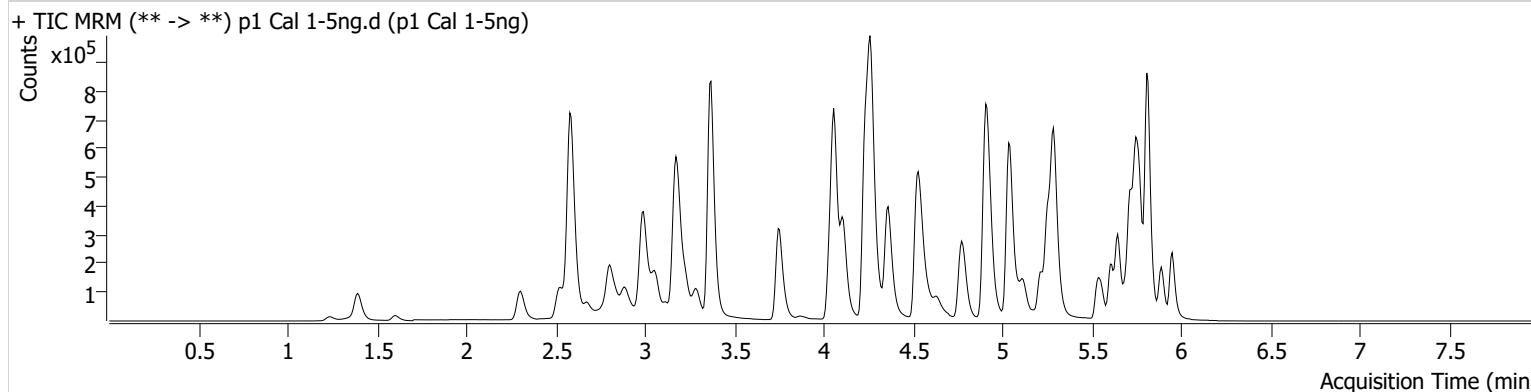


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	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-A9	Comment	
Injection Volume	2		
Acq. Date-Time	4/28/2021 4:03:10 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.131	2140	157.79	66.3	2837.82	103819	0.5132 ng/ml
7-aminoclonazepam	4.278	36745	733.30	78.3	3593.70	276440	5.0482 ng/ml
a-hydroxyalprazolam	5.699	22711	238.03	58.3	11063.93	517103	4.9721 ng/ml
alpha-PHP	4.937	26599	629.67	272.3	820.06	927838	4.7791 ng/ml
alpha-PVP	4.370	104789	1296.93	52.2	371.32	927838	5.1004 ng/ml
Alprazolam	5.775	71126	633.29	113.5	544.59	517103	5.0577 ng/ml
Amphetamine	3.063	196527	2535.46	49.4	157.91	402716	4.7823 ng/ml
Benzoylecgonine	3.899	2782	157.70	7.7	25.54	18857	5.1013 ng/ml
Buprenorphine	5.853	1291	196.92	13.9	236.92	87186	0.5207 ng/ml
Bupropion	4.795	101085	266.33	58.7	1491.42	693092	5.1246 ng/ml
Carisoprodol	5.724	72201	185180.09	57.2	1025.78	718110	5.1147 ng/ml
Citalopram	5.219	39924	951.00	42.4	12911.28	376691	5.0822 ng/ml
Clonazepam	5.612	84324	318.89	32.1	44041.39	198419	4.9195 ng/ml
Clonazepam	5.555	55143	8701.33	37.3	56970.64	198419	4.9631 ng/ml
Cocaine	4.264	83163	366518.79	53.3	4051.90	1582957	5.0828 ng/ml
Codeine	2.573	10511	120.69	103.6	21127.93	99269	4.9108 ng/ml
Cyclobenzaprine	5.615	7807	11894.17	10.6	7.22	66425	5.0055 ng/ml
Dextromethorphan	5.262	17310	2235.47	84.5	34329.01	171654	5.0165 ng/ml
Dextrophan	4.111	28767	654.15	199.3	714.84	679463	5.1448 ng/ml
Diazepam	5.960	44921	383.55	88.7	1008.57	411345	5.0164 ng/ml
Dihydrocodeine	2.552	25325	204.86	63.8	37.25	293067	4.8971 ng/ml
Diphenhydramine	5.289	108085	957.67	32.6	408.41	1302336	5.1368 ng/ml
Doxylamine	4.543	191357	3475.39	98.3	826.52	1681941	5.0338 ng/ml
EDDP	5.261	70316	3210.17	42.2	304.00	710038	5.0996 ng/ml
Etizolam	5.813	42470	97133.12	25.1	18246.51	198419	5.2115 ng/ml
Fentanyl	5.109	1708	44.30	65.2	415.49	146519	0.5097 ng/ml
Flualprazolam	5.705	34761	1813.01	93.7	9805.88	517103	4.9605 ng/ml
Fluoxetine	5.700	5863	10436.17	7.6	733.09	47301	5.0480 ng/ml
Hydrocodone	3.018	37119	106.90	39.9	74.81	881890	4.8615 ng/ml
Hydromorphone	1.601	33587	591.97	74.9	7441.69	10316	4.8716 ng/ml
Ketamine	4.059	79201	451.63	37.4	172.53	739255	4.9847 ng/ml
Lamotrigine	4.280	7289	84.10	77.7	7980.12	739255	4.8349 ng/ml
Levetiracetam	2.676	33616	153.27	165.9	75.33	1939594	5.2428 ng/ml

8C



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	82934	526.81	55.2	443.08	198419	4.8530 ng/ml
MDA	3.203	130141	535.20	25.8	18.69	649941	4.7822 ng/ml
MDMA	3.296	74478	1480.02	77.1	403.46	139864	5.0878 ng/ml
Meprobamate	4.924	41964	2238.18	28.3	1119.19	381368	4.9296 ng/ml
Methadone	5.646	59060	835.24	45.8	1158.45	536459	5.1271 ng/ml
Methamphetamine	3.231	150905	336.45	37.7	1187.37	1058684	4.8476 ng/ml
Metoprolol	4.326	18425	7347.90	95.5	521.66	1747395	4.9497 ng/ml
Mirtazapine	4.637	71140	1068.49	50.2	3328.54	927838	4.8832 ng/ml
Mitragynine	5.237	7823	1543.67	40.8	4245.25	536459	4.7715 ng/ml
Morphine	1.247	4722	189.98	36.1	100.28	10316	4.9050 ng/ml
Norbuprenorphine	4.992	172	220.83	81.2	457.77	14069	0.4639 ng/ml
Nordiazepam	5.900	44322	2311.84	58.0	559.30	304090	4.9627 ng/ml
Norfentanyl	4.086	17140	141.33	36.2	58.81	1473565	0.5199 ng/ml
Norhydrocodone	3.059	6316	31.28	38.2	49.73	108330	5.3132 ng/ml
Noroxycodone	2.909	44266	111.97	40.3	957.15	296884	5.0662 ng/ml
O-desmethyl-tramadol	3.369	168580	1549.40	6.7	388.41	2046261	5.0694 ng/ml
Oxazepam	5.756	95436	477.61	73.7	289.20	756804	5.0127 ng/ml
Oxycodone	2.834	76750	531.77	27.0	238.31	670146	5.0021 ng/ml
Oxymorphone	1.398	39899	275.72	42.6	89.27	282914	4.9975 ng/ml
Phentermine	3.783	38916	174.05	4.8	68.96	895805	4.8408 ng/ml
Promethazine	5.538	19408	517.21	27.7	80.50	165897	5.0945 ng/ml
Pseudoephedrine	2.596	200664	826.22	17.0	2191.38	1939594	5.1538 ng/ml
Quetiapine	5.555	45258	4895.16	58.8	81629.43	127597	4.9635 ng/ml
Sertraline	5.769	2113	16.76	86.0	48.43	19359	5.0205 ng/ml
Temazepam	5.816	154229	1343.21	30.1	52.00	1542332	5.1455 ng/ml
Tramadol	4.246	180679	3432.88	3.7	58.70	1747395	4.9708 ng/ml
Trazodone	5.176	30327	68149.20	79.7	42563.99	259834	5.0522 ng/ml
Venlafaxine	5.043	149101	4446.21	39.7	200.30	1531208	5.1303 ng/ml
Zolpidem	4.935	172158	448973.12	31.4	944.57	1668323	4.9484 ng/ml

SC

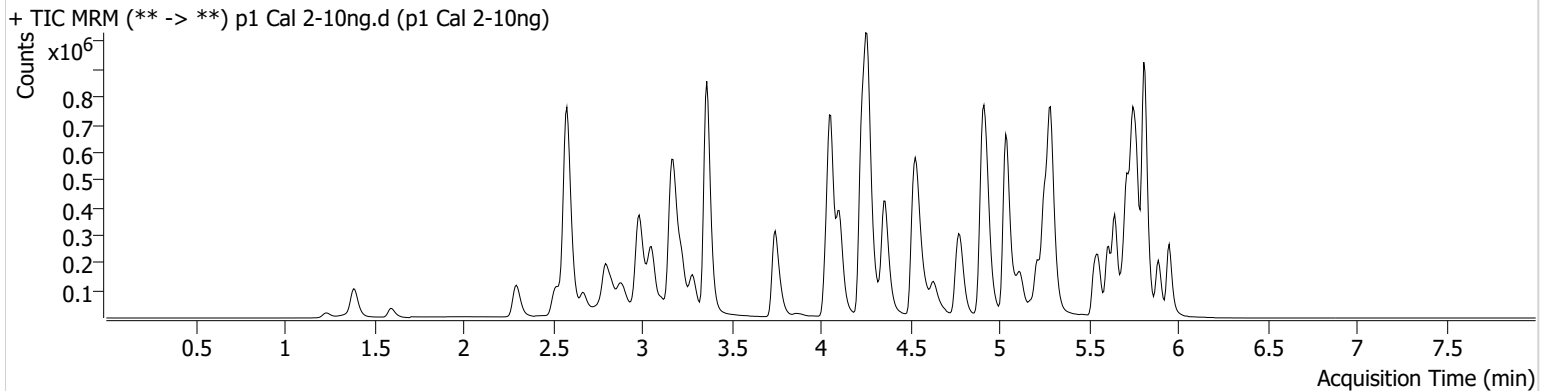


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	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-B9	Comment	
Injection Volume	2		
Acq. Date-Time	4/28/2021 4:13:56 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	3782	1253.00	71.2	959.61	98872	0.9597 ng/ml
7-aminoclonazepam	4.271	71061	171.16	80.3	10090.12	266616	9.8966 ng/ml
a-hydroxyalprazolam	5.699	42591	146.63	61.5	1002.81	485749	10.0334 ng/ml
alpha-PHP	4.937	49558	2957.79	273.1	12738.27	877560	10.3220 ng/ml
alpha-PVP	4.370	194223	481.68	52.6	1882.36	877560	9.7361 ng/ml
Alprazolam	5.775	131657	656.33	114.3	486.16	485749	9.8200 ng/ml
Amphetamine	3.056	368247	3176.98	49.8	1501.09	391351	10.3009 ng/ml
Benzoylecgonine	3.892	4806	2210.12	8.3	5.04 Low	17864	9.7252 ng/ml
Buprenorphine	5.853	2477	39.61	14.1	521.24	88593	0.9750 ng/ml
Bupropion	4.788	184166	337.89	61.5	545.59	678188	9.5712 ng/ml
Carisoprodol	5.724	132221	263382.74	54.4	226.50	667025	9.8138 ng/ml
Citalopram	5.219	84516	707.21	42.7	40464.91	402611	9.8167 ng/ml
Clonazepam	5.612	157003	4779.89	31.8	269.68	187224	10.0627 ng/ml
Clonazepam	5.555	103868	114576.53	37.0	54993.15	187224	10.0332 ng/ml
Cocaine	4.264	157309	14290.59	52.9	194.71	1515722	9.8119 ng/ml
Codeine	2.573	18865	∞	105.5	864.57	96275	9.8168 ng/ml
Cyclobenzaprine	5.615	24433	212.36	9.4	54.69	99220	10.1532 ng/ml
Dextromethorphan	5.262	39687	6207.35	80.1	297.45	192502	9.9483 ng/ml
Dextrophan	4.111	52867	6887.55	208.0	405.86	666152	9.5117 ng/ml
Diazepam	5.960	84303	488.83	88.5	286.77	395026	9.9006 ng/ml
Dihydrocodeine	2.552	46686	539770.24	66.1	1246.31	277302	10.0662 ng/ml
Diphenhydramine	5.289	219631	996.22	33.6	325.08	1371032	9.6178 ng/ml
Doxylamine	4.543	365795	1834.67	97.6	2169.96	1633584	9.8476 ng/ml
EDDP	5.261	140055	363.92	40.9	3136.50	731010	9.7526 ng/ml
Etizolam	5.813	79172	137974.76	24.9	29444.74	187224	9.6921 ng/ml
Fentanyl	5.109	3838	71.91	71.3	13167.69	175055	1.0123 ng/ml
Flualprazolam	5.705	62176	1321.48	99.2	7082.17	485749	9.8605 ng/ml
Fluoxetine	5.700	21377	396.49	8.3	3812.21	90819	9.8136 ng/ml
Hydrocodone	3.012	71019	339.54	40.0	73.40	847715	10.2402 ng/ml
Hydromorphone	1.595	62001	2199.54	78.5	4618.88	9447	10.1477 ng/ml
Ketamine	4.051	144565	387.73	37.5	97.77	694621	9.9010 ng/ml
Lamotrigine	4.273	13343	427.29	80.8	857.56	694621	10.3338 ng/ml
Levetiracetam	2.676	60783	398.53	163.6	810.33	1835069	9.4485 ng/ml

8C



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	154286	1557.69	57.1	196.63	187224	10.3676 ng/ml
MDA	3.196	246335	1280.01	25.0	22.16	632845	10.2422 ng/ml
MDMA	3.290	140628	2673.00	78.1	664.42	136083	9.7149 ng/ml
Meprobamate	4.924	78919	4662.33	27.4	89.60	353331	10.3275 ng/ml
Methadone	5.646	123866	1226.88	49.0	441.39	580547	9.7403 ng/ml
Methamphetamine	3.231	272102	961.89	37.5	793.14	1023750	10.1084 ng/ml
Metoprolol	4.326	35057	2636.55	93.8	840.35	1690505	9.9937 ng/ml
Mirtazapine	4.631	149356	5756.42	50.0	1077.22	877560	10.8746 ng/ml
Mitragynine	5.237	18660	14498.14	40.5	11909.84	580547	10.8782 ng/ml
Morphine	1.240	8951	274.49	31.9	653.60	9447	10.1608 ng/ml
Norbuprenorphine	4.986	394	266.63	80.8	958.80	14487	1.1467 ng/ml
Nordiazepam	5.900	85074	94250.88	57.0	530.13	288088	10.0722 ng/ml
Norfentanyl	4.079	32546	33.46	37.4	165.36	1430015	0.9592 ng/ml
Norhydrocodone	3.059	11463	175.91	42.0	79.14	110566	9.1389 ng/ml
Noroxycodone	2.903	81632	367.64	42.5	474.06	289899	9.6630 ng/ml
O-desmethyl-tramadol	3.369	315596	26988.12	6.8	414.40	1930270	9.8247 ng/ml
Oxazepam	5.756	178194	318.94	74.5	296.46	733819	9.7170 ng/ml
Oxycodone	2.827	144892	746.08	27.1	538.14	644324	9.8770 ng/ml
Oxymorphone	1.391	74768	∞	42.1	1411.69	271207	9.8963 ng/ml
Phentermine	3.783	74580	567.30	4.5	21.12	864222	10.2500 ng/ml
Promethazine	5.538	55364	2320.05	28.6	68.02	245634	9.6432 ng/ml
Pseudoephedrine	2.589	374388	7730.55	16.8	2133.78	1835069	9.6774 ng/ml
Quetiapine	5.555	100847	6937.57	57.0	52589.84	138325	10.1654 ng/ml
Sertraline	5.769	8306	67.84	97.1	474.28	39998	9.6855 ng/ml
Temazepam	5.816	289087	418.83	28.9	118.49	1454835	9.6969 ng/ml
Tramadol	4.246	340656	23731.57	3.6	100.31	1690505	9.9823 ng/ml
Trazodone	5.176	69460	164018.42	76.2	338.31	301065	9.8444 ng/ml
Venlafaxine	5.043	278157	922.18	39.1	128.95	1473441	9.5879 ng/ml
Zolpidem	4.935	324751	3242.03	31.1	1081.93	1605714	10.0005 ng/ml

SC

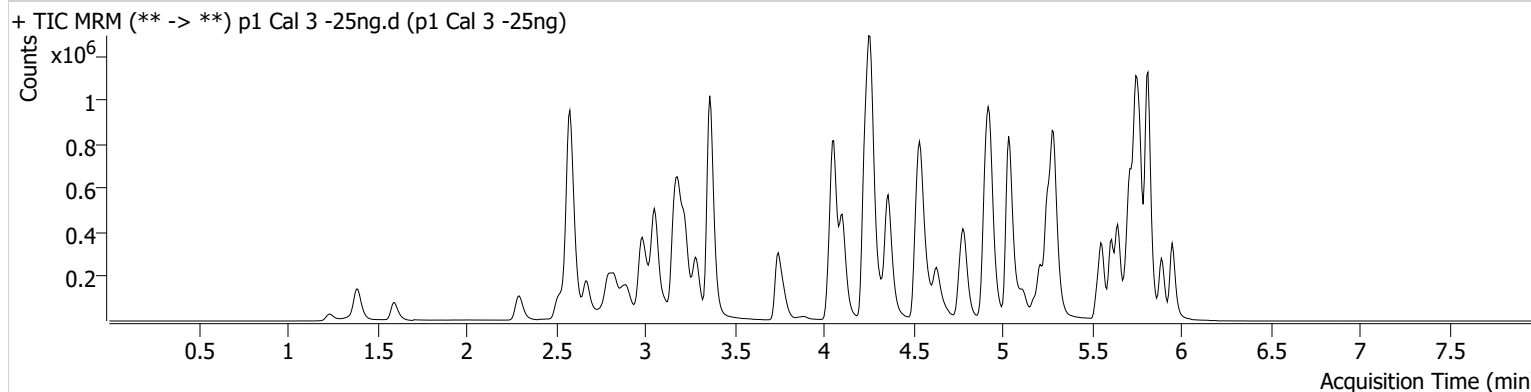


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	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-C9	Comment	
Injection Volume	2		
Acq. Date-Time	4/28/2021 4:24:31 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	9146	15589.74	66.9	27642.56	96085	2.4014 ng/ml
7-aminoclonazepam	4.271	167348	2690.82	80.3	3678.45	253913	24.1413 ng/ml
a-hydroxyalprazolam	5.699	101861	343.74	58.3	738.53	464833	25.2370 ng/ml
alpha-PHP	4.937	118752	3402.70	265.0	1226.23	852848	26.8219 ng/ml
alpha-PVP	4.370	472310	569.82	52.1	4081.58	852848	23.9568 ng/ml
Alprazolam	5.775	312144	1290.26	111.8	1428.18	464833	24.1067 ng/ml
Amphetamine	3.056	862176	9574.99	49.4	883.72	375926	26.7791 ng/ml
Benzoylecgonine	3.892	11386	132.41	9.2	1039.54	17787	23.8472 ng/ml
Buprenorphine	5.853	5036	17152.56	16.7	22.90	78043	2.2384 ng/ml
Bupropion	4.788	436284	∞	61.4	537.73	642988	23.9663 ng/ml
Carisoprodol	5.724	304000	23849.37	57.4	3912.96	631488	23.4362 ng/ml
Citalopram	5.212	177989	984.38	43.1	687.84	346366	23.6628 ng/ml
Clonazepam	5.612	369403	2715.25	32.4	165382.62	177916	25.4532 ng/ml
Clonazepam	5.555	242898	2891.50	37.6	177561.23	177916	24.8743 ng/ml
Cocaine	4.264	374974	1920.01	51.3	716.42	1478321	23.6410 ng/ml
Codeine	2.573	47187	4091.83	102.1	2492.89	92901	26.8092 ng/ml
Cyclobenzaprine	5.615	33073	50393.11	9.4	63.48	56362	23.7717 ng/ml
Dextromethorphan	5.262	78942	2813.80	79.8	229997.53	154487	24.2229 ng/ml
Dextrophan	4.105	129757	429.08	204.3	8563.21	633710	24.3017 ng/ml
Diazepam	5.960	195896	457.74	86.9	351.99	372651	24.5369 ng/ml
Dihydrocodeine	2.545	114816	4178.12	67.1	5803.52	274031	25.8763 ng/ml
Diphenhydramine	5.289	480330	10710.20	33.2	373.08	1184462	23.8578 ng/ml
Doxylamine	4.543	871541	21731.04	98.1	30258.74	1567987	24.3530 ng/ml
EDDP	5.254	325792	607.64	42.3	685.98	687260	23.9514 ng/ml
Etizolam	5.813	181086	242372.79	26.8	104909.28	177916	22.4567 ng/ml
Fentanyl	5.109	5828	225.40	79.0	7294.27	127808	2.1715 ng/ml
Flualprazolam	5.705	149736	3872.59	94.3	31256.82	464833	25.5114 ng/ml
Fluoxetine	5.700	21676	176.68	9.5	5742.21	38729	23.6837 ng/ml
Hydrocodone	3.012	173893	270.19	39.3	160.51	850152	25.8223 ng/ml
Hydromorphone	1.595	152118	1051558.39	76.5	526300.61	9230	25.9724 ng/ml
Ketamine	4.051	349989	806.25	37.4	241.04	673592	25.0644 ng/ml
Lamotrigine	4.274	31012	522.34	78.1	1258.93	673592	26.1132 ng/ml
Levetiracetam	2.676	149181	2319.75	164.3	1934.05	1780393	22.9431 ng/ml

8C



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	360634	1817.79	55.4	372.00	177916	26.7025 ng/ml
MDA	3.196	577959	2218.21	24.6	135.00	599713	26.8365 ng/ml
MDMA	3.290	333193	281246.94	78.3	1489.47	126650	24.4716 ng/ml
Meprobamate	4.924	183310	8623.34	28.0	1667.06	353634	24.3791 ng/ml
Methadone	5.646	253299	702.32	49.0	893.10	489194	23.3396 ng/ml
Methamphetamine	3.231	638224	1938.10	37.8	2664.94	989393	26.2979 ng/ml
Metoprolol	4.326	84926	138753.39	92.7	1528.19	1654387	25.1336 ng/ml
Mirtazapine	4.631	316542	2283.87	50.7	6242.18	852848	23.7493 ng/ml
Mitragynine	5.237	35448	613.79	38.8	1898.47	489194	24.8998 ng/ml
Morphine	1.240	21926	5640.81	32.6	156.65	9230	25.4897 ng/ml
Norbuprenorphine	4.986	724	1643.95	97.4	478.06	13116	2.4196 ng/ml
Nordiazepam	5.900	196128	5166.43	57.4	3326.54	271222	24.6887 ng/ml
Norfentanyl	4.079	79581	189.21	33.3	8.99 Low	1383334	2.3320 ng/ml
Norhydrocodone	3.059	27924	101.56	41.1	104.61	102936	23.2727 ng/ml
Noroxycodone	2.903	200302	1637.13	41.6	2730.94	278941	24.8080 ng/ml
O-desmethyl-tramadol	3.369	766410	23864.80	6.7	11853.76	1897943	23.9130 ng/ml
Oxazepam	5.756	414689	2100.38	72.8	1072.50	659773	25.2618 ng/ml
Oxycodone	2.827	355178	709.90	27.1	1777.74	633441	24.7135 ng/ml
Oxymorphone	1.391	180256	529.31	41.1	333.31	265059	24.6073 ng/ml
Phentermine	3.783	175546	578.91	4.2	63.89	835348	25.8826 ng/ml
Promethazine	5.538	82087	3918.06	26.7	190.65	141543	24.5206 ng/ml
Pseudoephedrine	2.589	905356	2009.20	16.5	358.49	1780393	23.3746 ng/ml
Quetiapine	5.555	212593	459.10	55.8	776413.11	123330	23.9874 ng/ml
Sertraline	5.769	7872	196.62	87.1	787.89	14480	25.5933 ng/ml
Temazepam	5.816	662396	933.78	28.9	808.98	1344124	23.2574 ng/ml
Tramadol	4.246	818882	1418.28	3.7	131.73	1654387	24.9723 ng/ml
Trazodone	5.176	131375	609.53	78.0	122765.71	233037	23.8445 ng/ml
Venlafaxine	5.037	678416	23529.59	38.2	280.22	1390093	24.1820 ng/ml
Zolpidem	4.935	760440	2947.78	31.5	12846.25	1522683	25.1568 ng/ml

SC

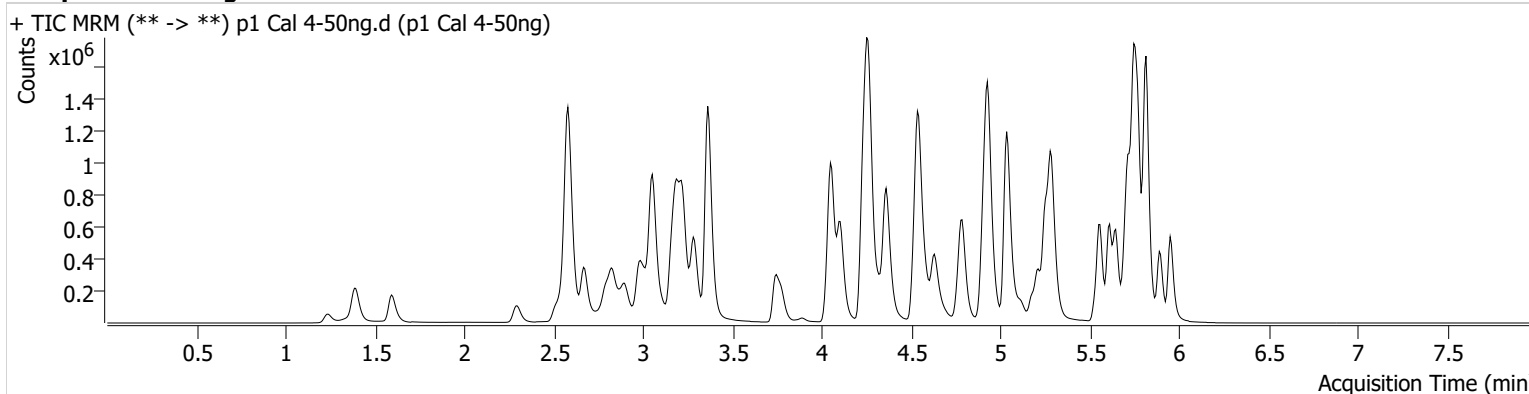


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	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-D9	Comment	
Injection Volume	2		
Acq. Date-Time	4/28/2021 4:35:08 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	19093	19864.03	69.1	1317.37	96222	5.0158 ng/ml
7-aminoclonazepam	4.271	345033	10801.00	79.2	4656.76	243240	51.6987 ng/ml
a-hydroxyalprazolam	5.692	201557	945.75	58.1	1166.95	444185	52.3738 ng/ml
alpha-PHP	4.937	234647	648.73	269.3	2408.05	827192	55.6124 ng/ml
alpha-PVP	4.363	978418	666.77	52.4	20905.84	827192	50.8607 ng/ml
Alprazolam	5.775	650437	1863.23	114.1	2939.12	444185	52.3898 ng/ml
Amphetamine	3.056	1701272	999.72	49.0	3587.05	355102	57.2067 ng/ml
Benzoylecgonine	3.892	23542	695.13	8.6	244.86	17174	51.6544 ng/ml
Buprenorphine	5.853	8383	207.49	15.7	2857.29	63184	4.5925 ng/ml
Bupropion	4.788	886865	27070.84	60.7	10606.51	598896	52.3451 ng/ml
Carisoprodol	5.724	627075	48420.23	57.2	∞	611212	49.6321 ng/ml
Citalopram	5.212	328497	1008.09	42.2	2091.91	289926	51.8674 ng/ml
Clonazepam	5.612	772934	18942.72	32.5	661272.62	176617	54.0543 ng/ml
Clonazepam	5.549	509958	25638.40	36.9	143468.58	176617	52.7478 ng/ml
Cocaine	4.257	789268	44022.36	52.0	1851.66	1409286	51.9149 ng/ml
Codeine	2.566	96201	1585.11	102.0	123.23	91292	56.5396 ng/ml
Cyclobenzaprine	5.615	59263	139816.78	8.8	53.99	46823	50.9206 ng/ml
Dextromethorphan	5.262	141886	128659.88	81.1	96725.03	126913	52.6462 ng/ml
Dextrophan	4.105	259845	10515.76	206.1	1105.90	604622	50.8406 ng/ml
Diazepam	5.953	411444	1963.05	88.6	584.32	367511	52.3713 ng/ml
Dihydrocodeine	2.545	241579	2497.84	64.8	1273.13	275014	54.8577 ng/ml
Diphenhydramine	5.289	878819	7501.80	33.4	832.46	1018537	50.4010 ng/ml
Doxylamine	4.543	1820214	1619.01	97.2	37753.54	1513062	52.6356 ng/ml
EDDP	5.254	619525	39796.19	42.8	19834.43	613855	50.8555 ng/ml
Etizolam	5.813	389145	3049.38	25.3	41692.98	176617	47.8922 ng/ml
Fentanyl	5.109	10827	565.32	68.7	21558.30	105354	4.9711 ng/ml
Flualprazolam	5.705	304174	598.85	98.2	54951.86	444185	54.7499 ng/ml
Fluoxetine	5.700	39103	454.06	7.6	14.68	30607	54.3880 ng/ml
Hydrocodone	3.012	350128	375.97	39.9	118.86	823906	54.2619 ng/ml
Hydromorphone	1.595	319200	4555.63	76.6	2466.64	9107	55.5986 ng/ml
Ketamine	4.051	733551	327771.29	37.6	698.38	666432	53.3560 ng/ml
Lamotrigine	4.274	63440	556.57	79.1	845.09	666432	55.0211 ng/ml
Levetiracetam	2.670	313620	2952.86	163.0	2904.73	1738512	48.6720 ng/ml

8C



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	676255	54141.98	56.2	802.29	176617	51.1722 ng/ml
MDA	3.189	1126276	5658.89	24.8	165.46	556184	57.4928 ng/ml
MDMA	3.290	691860	4712.09	77.7	2543.71	125996	50.8944 ng/ml
Meprobamate	4.917	369688	12120.25	28.5	6675.52	334318	52.3599 ng/ml
Methadone	5.646	470825	907.74	47.0	696.74	412599	51.1850 ng/ml
Methamphetamine	3.224	1284456	2109.63	38.3	1113.58	958907	55.9398 ng/ml
Metoprolol	4.326	179550	187590.24	92.4	3033.21	1635070	54.0701 ng/ml
Mirtazapine	4.631	600889	3548.26	50.0	2925.67	827192	46.5090 ng/ml
Mitragynine	5.237	60922	828.14	39.9	1589.74	412599	51.0498 ng/ml
Morphine	1.240	45642	592.78	33.5	1203.64	9107	53.7840 ng/ml
Norbuprenorphine	4.986	1242	4838.36	106.9	1761.51	10564	5.2608 ng/ml
Nordiazepam	5.900	418560	1175.15	57.3	1613.09	268359	53.2700 ng/ml
Norfentanyl	4.079	159643	61.83	34.5	343.07	1323001	4.8249 ng/ml
Norhydrocodone	3.053	53703	210.43	38.0	36.04	94364	48.3883 ng/ml
Noroxycodone	2.896	403457	2629.22	41.9	3649.96	268018	52.1234 ng/ml
O-desmethyl-tramadol	3.369	1621793	1149.61	6.9	5792.64	1856519	51.4524 ng/ml
Oxazepam	5.749	841228	9249.37	72.2	703.72	616756	54.9011 ng/ml
Oxycodone	2.827	750588	4174.62	26.7	1230.41	618235	53.5780 ng/ml
Oxymorphone	1.391	377310	1049.19	42.1	∞	252136	54.3075 ng/ml
Phentermine	3.776	358946	1072.64	4.4	304.53	797363	56.1784 ng/ml
Promethazine	5.538	139245	676.55	27.7	204.77	114058	51.4132 ng/ml
Pseudoephedrine	2.589	1894834	29499.77	16.5	22374.93	1738512	49.5279 ng/ml
Quetiapine	5.555	404082	464.09	56.8	1769614.29	103464	54.3039 ng/ml
Sertraline	5.769	14508	56.31	95.6	10386.12	12819	53.4400 ng/ml
Temazepam	5.816	1386773	1375.53	28.7	3936.89	1288498	50.1600 ng/ml
Tramadol	4.246	1698706	33958.44	3.6	230.76	1635070	52.7565 ng/ml
Trazodone	5.176	250369	108.05	77.5	231149.57	197873	53.3363 ng/ml
Venlafaxine	5.037	1403011	159779.43	38.6	718.03	1361667	50.6300 ng/ml
Zolpidem	4.935	1585026	198407.99	31.4	2806.73	1503490	53.4547 ng/ml

SC

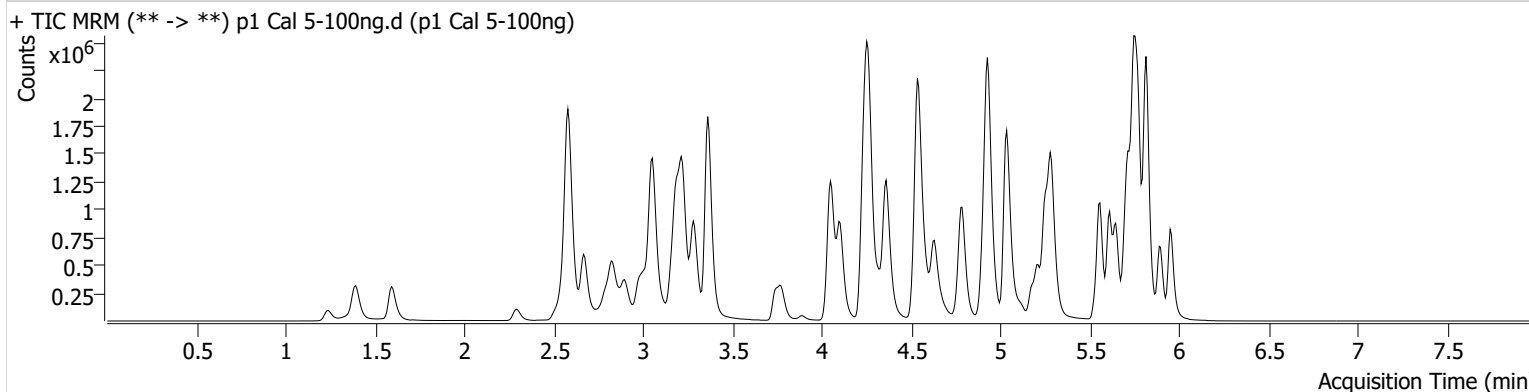


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	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-E9	Comment	
Injection Volume	2		
Acq. Date-Time	4/28/2021 4:45:43 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	35750	814.24	68.8	61926.83	88126	10.2640 ng/ml
7-aminoclonazepam	4.271	596182	24708.36	80.8	739.73	220684	98.2576 ng/ml
a-hydroxyalprazolam	5.692	336928	1269.18	58.1	543.63	411768	94.5284 ng/ml
alpha-PHP	4.930	414970	7123.08	267.9	2134.98	762884	107.4988 ng/ml
alpha-PVP	4.363	1762954	136515.19	51.4	23905.10	762884	99.1107 ng/ml
Alprazolam	5.775	1144883	21325.05	114.7	∞	411768	99.3395 ng/ml
Amphetamine	3.056	2821542	17433.40	48.9	1501.22	319412	106.4596 ng/ml
Benzoylecgonine	3.892	42521	563.72	7.5	112.43	16203	99.3547 ng/ml
Buprenorphine	5.853	15637	659.20	16.2	3923.84	57026	9.4818 ng/ml
Bupropion	4.788	1567116	925.62	60.8	16105.01	554522	99.9281 ng/ml
Carisoprodol	5.724	1053950	1438982.01	57.4	10505.60	514421	98.8370 ng/ml
Citalopram	5.212	581343	7532.58	42.7	2102.60	267861	99.1185 ng/ml
Clonazepam	5.612	1348242	6057.85	32.0	3771.88	160545	104.0624 ng/ml
Clonazepam	5.555	898068	30334.44	37.8	285393.90	160545	102.3097 ng/ml
Cocaine	4.257	1388062	54894.28	51.8	237518.64	1282010	100.1462 ng/ml
Codeine	2.566	162456	586.83	102.4	1710.08	84336	104.0632 ng/ml
Cyclobenzaprine	5.615	114807	201.32	8.9	12438.27	46911	98.1749 ng/ml
Dextromethorphan	5.262	244102	61994.40	80.9	243.00	113209	101.2632 ng/ml
Dextrophan	4.105	465971	1277.64	204.3	1059.11	557509	98.7322 ng/ml
Diazepam	5.960	753540	393.77	88.5	208086.44	345946	101.9911 ng/ml
Dihydrocodeine	2.545	422685	2690.84	65.7	50932.76	252036	105.2379 ng/ml
Diphenhydramine	5.289	1573281	32373.91	33.2	422.99	917627	99.8360 ng/ml
Doxylamine	4.536	3332180	2075.09	98.8	65014.01	1445965	100.7724 ng/ml
EDDP	5.254	1158208	481.66	42.5	12388.07	595227	97.9378 ng/ml
Etizolam	5.813	685793	49092.92	25.2	524833.34	160545	92.2688 ng/ml
Fentanyl	5.109	20624	1657.97	65.8	22866.15	100288	10.0086 ng/ml
Flualprazolam	5.705	533540	19889.35	98.0	12393.59	411768	104.0048 ng/ml
Fluoxetine	5.700	80245	16959.38	8.4	279.64	33122	103.3659 ng/ml
Hydrocodone	3.012	624514	538.93	39.8	186.48	776268	103.2335 ng/ml
Hydromorphone	1.595	569296	2359241.76	76.5	4222.03	8944	101.2336 ng/ml
Ketamine	4.051	1319304	5802.15	37.6	4611.05	623759	102.7397 ng/ml
Lamotrigine	4.273	108072	3279.76	79.7	1697.17	623759	100.9326 ng/ml
Levetiracetam	2.670	554880	1022.06	165.4	14921.19	1567490	94.9063 ng/ml

8C



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1075053	12400.52	56.3	1438.37	160545	90.1093 ng/ml
MDA	3.189	1871005	5416.59	24.4	203.33	499340	107.2333 ng/ml
MDMA	3.283	1211673	3805.89	77.6	4230.65	113529	98.7613 ng/ml
Meprobamate	4.917	608576	19809.37	27.4	193.82	301304	95.8963 ng/ml
Methadone	5.646	836118	61238.32	47.8	12722.64	389272	96.1597 ng/ml
Methamphetamine	3.224	2269714	3227.13	37.8	1585.65	885592	108.1620 ng/ml
Metoprolol	4.319	317423	473056.00	92.9	3807.62	1526512	102.6268 ng/ml
Mirtazapine	4.631	1038557	65975.64	50.6	5405.43	762884	87.1860 ng/ml
Mitragynine	5.237	107845	2347.31	39.8	61745.55	389272	96.0464 ng/ml
Morphine	1.240	84154	70342.99	34.5	2359.83	8944	100.9837 ng/ml
Norbuprenorphine	4.986	2233	5377.73	89.5	1293.88	9802	10.2799 ng/ml
Nordiazepam	5.900	738156	1024.24	57.3	2983.32	251277	100.3465 ng/ml
Norfentanyl	4.079	286269	1828.00	34.2	680.58	1212232	9.3845 ng/ml
Norhydrocodone	3.053	87004	116.52	41.9	116.31	78661	93.6707 ng/ml
Noroxycodone	2.896	702731	3917.17	42.7	898.39	238037	102.3252 ng/ml
O-desmethyl-tramadol	3.362	2952002	56720.04	6.8	1201.01	1720022	100.8551 ng/ml
Oxazepam	5.749	1361592	11563.75	74.6	388.59	543984	100.8074 ng/ml
Oxycodone	2.827	1353186	1063.78	26.7	1777.50	580692	102.8900 ng/ml
Oxymorphone	1.391	660130	3543.31	41.7	∞	235844	101.6938 ng/ml
Phentermine	3.776	620008	∞	4.4	1004.08	742048	104.8207 ng/ml
Promethazine	5.532	269942	288.20	27.5	330.59	113143	100.2991 ng/ml
Pseudoephedrine	2.589	3383041	10704.84	16.5	42299.37	1567490	97.5851 ng/ml
Quetiapine	5.555	695126	10185.68	59.0	54700.02	97808	98.7899 ng/ml
Sertraline	5.769	31783	218.15	98.3	536.28	14785	101.6313 ng/ml
Temazepam	5.816	2408354	1524.59	28.4	5712.21	1136329	98.2579 ng/ml
Tramadol	4.239	3064494	1555.29	3.6	892.12	1526512	102.2315 ng/ml
Trazodone	5.176	444611	424.70	81.2	8701.46	185033	101.1572 ng/ml
Venlafaxine	5.037	2539351	135608.12	37.7	1378.59	1258271	98.8012 ng/ml
Zolpidem	4.935	2890802	130298.43	30.8	816.05	1400503	104.9624 ng/ml

SC

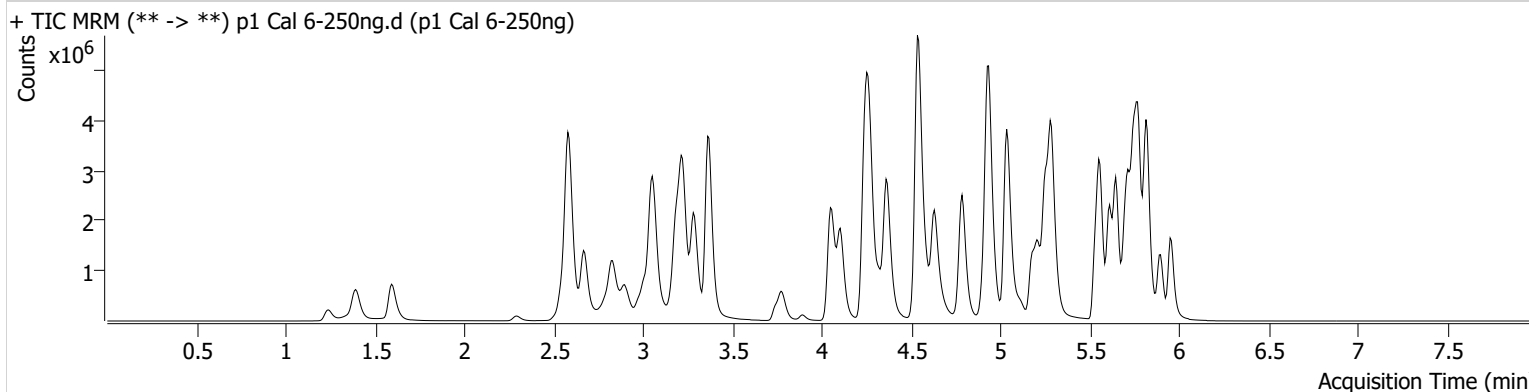


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	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-F9	Comment	
Injection Volume	2		
Acq. Date-Time	4/28/2021 4:56:19 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	94598	1234.55	70.3	778.85	96218	24.8881 ng/ml
7-aminoclonazepam	4.271	1330733	19178.02	76.8	17238.65	193515	249.7638 ng/ml
a-hydroxyalprazolam	5.692	598326	2249.02	56.3	460.78	375747	184.0610 ng/ml
alpha-PHP	4.937	1000552	430.20	271.2	2857.29	786281	252.7357 ng/ml
alpha-PVP	4.370	4557793	23620.59	51.3	60184.85	786281	248.2010 ng/ml
Alprazolam	5.775	2647354	15191.79	110.3	14608.77	375747	251.4961 ng/ml
Amphetamine	3.056	6038221	5785.09	48.4	46276.71	315679	231.8780 ng/ml
Benzoylcegonine	3.892	122700	505.79	7.9	54010.42	19288	241.5727 ng/ml
Buprenorphine	5.860	58953	1972.69	15.0	13953.50	77420	26.3144 ng/ml
Bupropion	4.788	4133779	101184.38	60.1	32833.20	584677	250.0494 ng/ml
Carisoprodol	5.724	2079581	3000891.04	56.9	2050.36	407832	245.5729 ng/ml
Citalopram	5.212	1916731	31345.95	41.7	8373.86	351097	248.9389 ng/ml
Clonazepam	5.612	2781939	50485.01	31.8	105801.29	137318	251.5544 ng/ml
Clonazepam	5.555	1938512	916259.16	37.4	1190352.59	137318	258.3842 ng/ml
Cocaine	4.257	3409977	3325.61	52.1	47802.03	1287112	244.7089 ng/ml
Codeine	2.566	360287	∞	99.9	7328.58	82498	237.0121 ng/ml
Cyclobenzaprine	5.615	1100891	112012.21	9.0	248.43	175629	250.9726 ng/ml
Dextromethorphan	5.262	950206	11713.31	80.8	451.42	180720	246.5070 ng/ml
Dextrophan	4.105	1192458	112648.19	205.1	30401.22	574529	244.9549 ng/ml
Diazepam	5.960	1801943	500.73	87.5	5202.33	340248	248.1221 ng/ml
Dihydrocodeine	2.545	1045355	21756.81	65.5	1643.27	273466	240.5798 ng/ml
Diphenhydramine	5.289	5175791	51450.62	32.6	18477.88	1221392	246.2862 ng/ml
Doxylamine	4.536	9372527	9663.40	96.2	10323.45	1603603	255.4874 ng/ml
EDDP	5.254	3218150	598.28	42.2	16527.98	653713	247.5939 ng/ml
Etizolam	5.813	1611770	10666.65	25.1	6430.67	137318	252.4490 ng/ml
Fentanyl	5.109	131716	1006.26	68.1	451.38	246453	26.1085 ng/ml
Flualprazolam	5.705	1173884	10443.09	101.7	1377.79	375747	251.4140 ng/ml
Fluoxetine	5.700	989765	43583.01	9.0	99524.26	168229	251.3770 ng/ml
Hydrocodone	3.012	1561749	327.73	39.5	∞	806381	249.3209 ng/ml
Hydromorphone	1.595	1424366	5179.90	76.5	7067.43	9261	245.0660 ng/ml
Ketamine	4.051	3389054	73926.40	36.8	2569.85	662251	248.9079 ng/ml
Lamotrigine	4.280	239066	2124.40	79.3	1596.50	662251	211.3387 ng/ml
Levetiracetam	2.670	1382829	5450.23	162.7	1577.94	1520749	242.8043 ng/ml

8C



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1591725	22498.57	54.0	3856.75	137318	156.5836 ng/ml
MDA	3.189	3903917	19561.32	24.1	498.65	452142	248.4093 ng/ml
MDMA	3.290	3092168	15401.01	78.8	5092.02	117942	242.3616 ng/ml
Meprobamate	4.917	1123784	347120.97	27.7	10289.55	289402	184.6502 ng/ml
Methadone	5.646	3355186	2441.94	47.7	40159.95	605418	247.7771 ng/ml
Methamphetamine	3.224	5659577	6426.46	37.5	69128.68	949603	253.1632 ng/ml
Metoprolol	4.326	797362	955.34	91.8	948.27	1526806	258.1522 ng/ml
Mirtazapine	4.631	3463990	1745.04	50.0	96612.24	786281	282.2104 ng/ml
Mitragynine	5.237	510589	8906.53	39.3	2304.05	605418	292.9949 ng/ml
Morphine	1.240	211249	1114.36	33.7	465.92	9261	244.8264 ng/ml
Norbuprenorphine	4.986	6920	48.00	96.1	∞	12929	24.2717 ng/ml
Nordiazepam	5.900	1711389	3568137.69	56.4	1379.83	232615	251.3407 ng/ml
Norfentanyl	4.079	730968	923.86	34.3	1350.35	1191153	24.2897 ng/ml
Norhydrocodone	3.053	197408	680.98	41.1	746.40	69676	239.3229 ng/ml
Noroxycodone	2.896	1514544	1282.55	43.3	3383.68	209320	250.9454 ng/ml
O-desmethyl-tramadol	3.369	7715184	74648.93	6.6	13042.56	1808413	250.3496 ng/ml
Oxazepam	5.749	2288068	5477.09	73.1	31352.55	372402	247.5521 ng/ml
Oxycodone	2.827	3477500	10168.87	27.0	1272.53	616979	248.9434 ng/ml
Oxymorphone	1.391	1528903	∞	42.1	∞	224342	247.7961 ng/ml
Phentermine	3.783	1462865	959.86	4.4	156.75	774213	237.8528 ng/ml
Promethazine	5.532	2592893	139683.89	27.7	2519.37	439162	247.9340 ng/ml
Pseudoephedrine	2.589	8332712	3159.57	16.0	506.06	1520749	246.9783 ng/ml
Quetiapine	5.555	2259567	439.24	59.8	58069.91	129831	241.8684 ng/ml
Sertraline	5.769	493399	289.46	96.3	1018.22	94746	246.4111 ng/ml
Temazepam	5.823	4805338	38260.68	28.1	5052.38	892261	248.8556 ng/ml
Tramadol	4.239	7811065	∞	3.5	466.71	1526806	261.0083 ng/ml
Trazodone	5.176	2024189	259955.29	79.4	89295.89	351118	242.4937 ng/ml
Venlafaxine	5.037	6845640	1611.48	36.6	13782.71	1330030	251.3885 ng/ml
Zolpidem	4.935	7397438	1367.36	30.3	6029.56	1477154	255.1057 ng/ml

SC

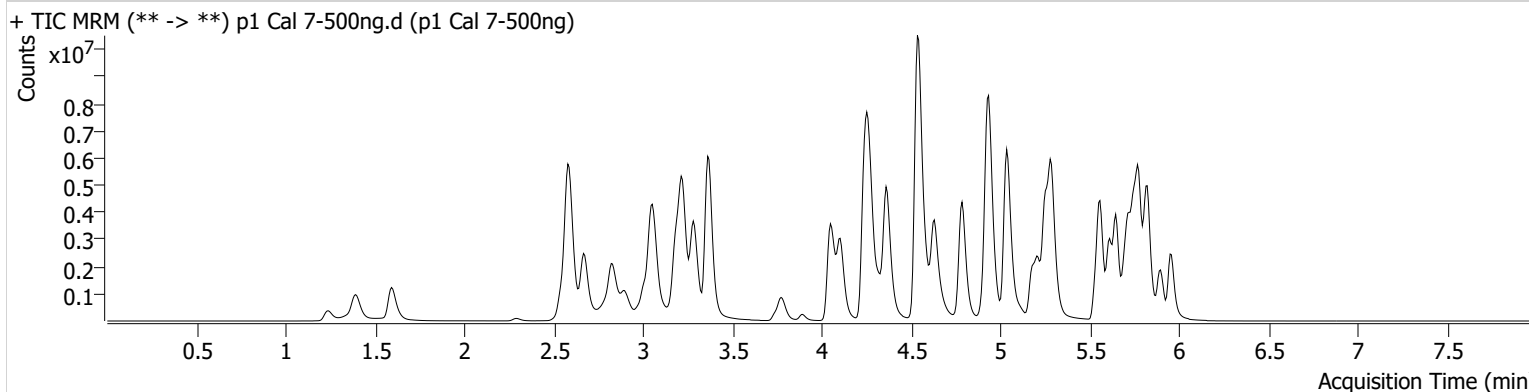


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	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-G9	Comment	
Injection Volume	2		
Acq. Date-Time	4/28/2021 5:06:56 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	188506	2379.61	71.4	25599.25	94715	50.3903 ng/ml
7-aminoclonazepam	4.278	1905885	22536.46	79.1	16746.24	144385	479.2265 ng/ml
a-hydroxyalprazolam	5.692	779383	1775.52	58.2	1202.09	313671	287.2673 ng/ml
alpha-PHP	4.937	1645480	57892.59	272.2	82323.70	711441	460.1304 ng/ml
alpha-PVP	4.363	8467960	∞	52.0	79695.88	711441	509.3591 ng/ml
Alprazolam	5.775	4449298	1120.21	112.4	973.02	313671	506.1740 ng/ml
Amphetamine	3.056	9446392	167118.23	48.2	39708.96	284748	403.0165 ng/ml
Benzoylecgonine	3.892	257215	5348.54	7.7	2455.15	19194	509.4601 ng/ml
Buprenorphine	5.860	80133	5947.95	13.6	32778.77	47368	58.4492 ng/ml
Bupropion	4.788	7483082	928859.91	60.1	13436.42	522472	506.5729 ng/ml
Carisoprodol	5.724	3073193	11774940.53	55.7	15978.83	291899	506.7460 ng/ml
Citalopram	5.212	2968162	∞	41.1	732.34	267908	504.9347 ng/ml
Clonazepam	5.612	4304898	22248.69	31.2	79923.94	112474	475.5779 ng/ml
Clonazepam	5.555	3016765	332872.94	37.9	1882654.98	112474	491.0402 ng/ml
Cocaine	4.257	6181826	59213.65	50.5	47098.78	1130628	504.7743 ng/ml
Codeine	2.566	562061	1291.78	100.0	440.64	72371	422.1529 ng/ml
Cyclobenzaprine	5.615	1099851	574.14	9.0	289.60	89338	492.6223 ng/ml
Dextromethorphan	5.262	1221076	358.42	81.5	847.34	115518	495.2798 ng/ml
Dextrophan	4.105	2166228	21463.66	208.4	3242.92	503113	507.9899 ng/ml
Diazepam	5.960	3001366	10759.13	87.4	67709.26	282335	498.1531 ng/ml
Dihydrocodeine	2.545	1869952	3950.57	65.2	3510.53	271745	433.5231 ng/ml
Diphenhydramine	5.289	8207748	52462.11	32.3	16173.59	929070	513.0983 ng/ml
Doxylamine	4.536	18236435	181968.75	97.1	156552.60	1537162	518.5331 ng/ml
EDDP	5.254	6257965	72798.57	41.0	33635.96	621530	506.2706 ng/ml
Etizolam	5.813	2783909	62710.19	25.3	794050.11	112474	531.6712 ng/ml
Fentanyl	5.109	152678	5609.95	69.3	371.84	145358	51.3707 ng/ml
Flualprazolam	5.705	1896515	557.31	102.4	33996.95	313671	486.9946 ng/ml
Fluoxetine	5.700	693038	11635.24	8.8	89681.68	59045	501.7455 ng/ml
Hydrocodone	3.005	2804850	488.92	39.4	416.67	762615	473.9810 ng/ml
Hydromorphone	1.595	2556871	1483529.05	76.8	2992839.30	8572	475.5898 ng/ml
Ketamine	4.051	6329126	65060.37	36.3	2142.32	629239	489.4508 ng/ml
Lamotrigine	4.280	357804	2174.42	81.7	29683.99	629239	333.4537 ng/ml
Levetiracetam	2.670	2495476	13666.09	166.7	14543.74	1261222	527.5953 ng/ml

8C



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1726142	29914.14	55.3	2487.70	112474	207.5825 ng/ml
MDA	3.189	5927496	13071.56	23.2	431.53	369037	462.9691 ng/ml
MDMA	3.283	5546826	8319.33	78.7	5185.99	100860	508.2021 ng/ml
Meprobamate	4.917	1551803	27893.08	28.3	22807.31	260796	283.1119 ng/ml
Methadone	5.646	4832620	42725.16	47.3	49384.59	421209	512.7381 ng/ml
Methamphetamine	3.224	9874255	9635.54	36.4	44916.43	894769	469.8151 ng/ml
Metoprolol	4.326	1374340	31181.96	92.0	88235.05	1392506	488.1047 ng/ml
Mirtazapine	4.631	5750359	6463.33	49.1	85060.42	711441	517.7859 ng/ml
Mitragynine	5.237	604138	984.54	39.5	88575.01	421209	498.5003 ng/ml
Morphine	1.240	384218	2001.19	33.0	∞	8572	481.0978 ng/ml
Norbuprenorphine	4.986	9698	152.33	99.9	279.14	9220	47.7865 ng/ml
Nordiazepam	5.900	2629623	547.52	56.6	22022.04	186258	482.3278 ng/ml
Norfentanyl	4.079	1298912	67593.17	34.2	1877.87	980934	52.3419 ng/ml
Norhydrocodone	3.053	362275	909.81	37.4	152.19	57515	531.5714 ng/ml
Noroxycodone	2.896	2391981	6022.35	42.7	760.99	170155	487.6533 ng/ml
O-desmethyl-tramadol	3.362	14713376	109526.68	6.5	1159.32	1664466	518.4665 ng/ml
Oxazepam	5.749	2656441	∞	70.9	3510.54	217702	491.7090 ng/ml
Oxycodone	2.821	6642977	2755.54	26.8	5690.81	602230	487.2512 ng/ml
Oxymorphone	1.391	2809401	∞	42.0	∞	209156	488.5214 ng/ml
Phentermine	3.776	2434312	34764.15	4.2	913.76	723288	424.1737 ng/ml
Promethazine	5.532	2471977	1578.31	28.6	2954.91	211437	490.7714 ng/ml
Pseudoephedrine	2.589	14568823	41015.75	15.7	51530.68	1261222	520.1165 ng/ml
Quetiapine	5.555	3780747	98863.98	58.8	230993.36	108907	482.4170 ng/ml
Sertraline	5.769	339118	275.54	99.3	1211871.41	33404	480.5146 ng/ml
Temazepam	5.823	6546096	153532.85	27.8	5493.70	581362	519.7132 ng/ml
Tramadol	4.239	13628692	∞	3.5	3529.65	1392506	499.6105 ng/ml
Trazodone	5.176	2972728	762.57	79.6	83586.51	254461	491.2509 ng/ml
Venlafaxine	5.037	12435477	635704.54	37.2	1004.52	1186482	511.5152 ng/ml
Zolpidem	4.935	13590063	119824.13	29.8	2799.88	1408344	491.8524 ng/ml

SC

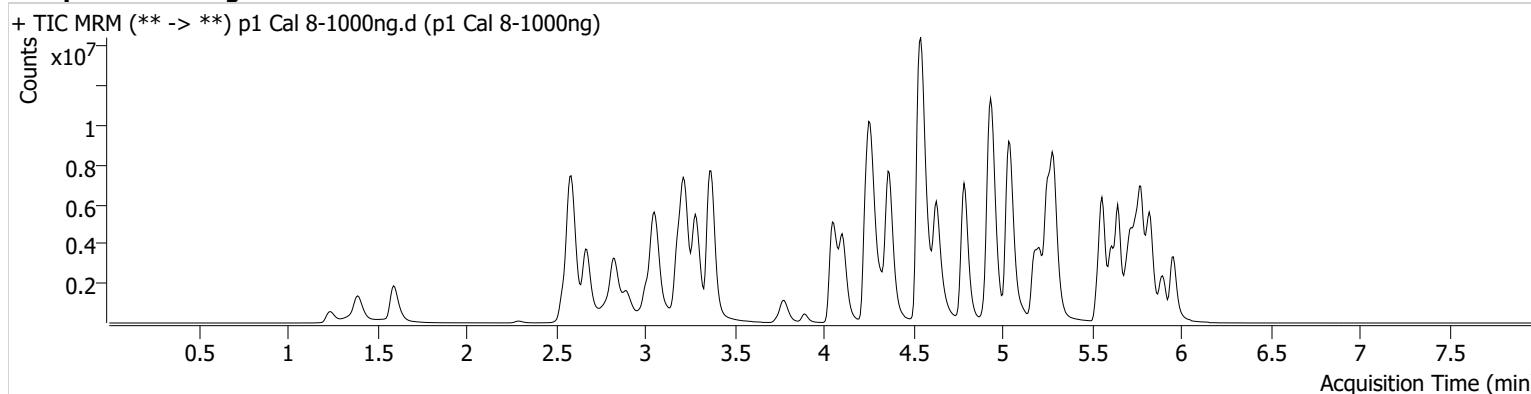


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\042821 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 4/29/2021 12:54:28 PM

Instrument	Instrument 1	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-H9	Comment	
Injection Volume	2		
Acq. Date-Time	4/28/2021 5:17:31 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	332971	1902.30	70.7	650.09	82615	102.0533 ng/ml
7-aminoclonazepam	4.278	2132922	6793.77	82.2	13067.76	72966	1060.9905 ng/ml
a-hydroxyalprazolam	5.685	921184	676.35	58.0	952.19	230307	462.4989 ng/ml
alpha-PHP	4.937	2425835	33850.47	272.4	45533.44	588591	820.6577 ng/ml
alpha-PVP	4.370	14145573	184998.24	52.3	83255.76	588591	1028.1936 ng/ml
Alprazolam	5.775	6343005	∞	111.6	2699.16	230307	982.6711 ng/ml
Amphetamine	3.056	12689727	64055.66	47.9	100533.37	218937	704.9940 ng/ml
Benzoylecgonine	3.892	500144	2551.66	7.4	4102.53	18266	1041.4882 ng/ml
Buprenorphine	5.860	109605	1354.88	14.4	26469.18	29138	129.9535 ng/ml
Bupropion	4.788	12485037	153588.31	60.2	1143.61	441696	999.7824 ng/ml
Carisoprodol	5.724	3861715	192561.70	53.4	6007.82	171826	1081.4272 ng/ml
Citalopram	5.212	4473643	21893.80	41.1	6355.47	199604	1021.2108 ng/ml
Clonazepam	5.612	5757692	87258.81	31.0	76037.76	78420	912.6189 ng/ml
Clonazolam	5.555	3920718	155185.59	37.9	38188.94	78420	915.4096 ng/ml
Cocaine	4.264	9475626	87652.49	51.0	86709.41	850384	1028.4657 ng/ml
Codeine	2.566	777871	1178.61	98.7	572.69	57122	740.8572 ng/ml
Cyclobenzaprine	5.615	1436315	755.40	8.9	1505.64	55063	1043.4295 ng/ml
Dextromethorphan	5.262	1702784	24847.85	79.8	48486.70	80500	990.8109 ng/ml
Dextrophan	4.105	3451174	2358.79	206.9	97673.04	388515	1047.8728 ng/ml
Diazepam	5.960	4402198	22094.55	89.0	∞	212899	969.0536 ng/ml
Dihydrocodeine	2.538	2888391	1399.59	65.9	1077.95	245707	740.9879 ng/ml
Diphenhydramine	5.289	12284161	100951.69	33.3	20491.23	686586	1038.8150 ng/ml
Doxylamine	4.543	29047920	162477.75	97.4	12406.72	1387613	914.9149 ng/ml
EDDP	5.254	10579319	54354.23	41.4	51348.41	507826	1047.3716 ng/ml
Etizolam	5.813	4151862	8196.31	25.2	12637.11	78420	1136.5386 ng/ml
Fentanyl	5.109	228759	1721.17	68.3	322487.10	108382	103.2899 ng/ml
Flualprazolam	5.705	2534316	7929.31	104.6	670.17	230307	886.7076 ng/ml
Fluoxetine	5.700	614374	45000.43	8.9	81304.31	28207	931.2877 ng/ml
Hydrocodone	3.005	4576653	785.49	39.3	∞	649957	907.9655 ng/ml
Hydromorphone	1.595	4146848	2155913.17	77.0	2161981.32	7219	916.2608 ng/ml
Ketamine	4.051	10206537	98811.13	36.5	17417.62	527735	941.3288 ng/ml
Lamotrigine	4.280	444560	2476.31	83.6	25747.10	527735	494.4562 ng/ml
Levetiracetam	2.676	3859745	9115.95	167.2	26907.27	902261	1139.9559 ng/ml

8C



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1725410	30842.90	56.8	6514.36	78420	297.9542 ng/ml
MDA	3.189	7645709	11419.88	22.9	1482.55	274315	804.1127 ng/ml
MDMA	3.283	8867638	24298.70	75.3	3952.17	78724	1040.7351 ng/ml
Meprobamate	4.911	1795855	67699.42	27.8	47145.22	206215	414.5007 ng/ml
Methadone	5.646	7713303	64047.60	46.0	59811.08	323573	1065.0903 ng/ml
Methamphetamine	3.224	14986517	16414.67	35.8	49027.31	783686	815.0331 ng/ml
Metoprolol	4.326	2044268	46585.97	92.3	3007.46	1137697	888.8624 ng/ml
Mirtazapine	4.631	9366698	107962.94	49.7	5573.02	588591	1019.4805 ng/ml
Mitragynine	5.237	755272	2768.90	38.9	8433.71	323573	811.4435 ng/ml
Morphine	1.240	643146	∞	32.6	238.64	7219	956.3237 ng/ml
Norbuprenorphine	4.986	13588	229.77	99.0	868.49	6498	95.0981 ng/ml
Nordiazepam	5.900	3658334	159678.87	56.0	14400.58	128347	973.8044 ng/ml
Norfentanyl	4.079	2008843	135139.65	34.1	17428.44	692264	114.6330 ng/ml
Norhydrocodone	3.053	602504	691.73	41.1	145.13	43529	1167.6463 ng/ml
Noroxycodone	2.896	3325444	2460.43	43.6	585.99	117325	983.3402 ng/ml
O-desmethyl-tramadol	3.369	21592737	147555.83	7.1	1162.83	1303725	971.2060 ng/ml
Oxazepam	5.749	2555959	9819.19	71.0	6589.70	110097	935.5725 ng/ml
Oxycodone	2.821	11055253	7663.85	26.5	1534.56	512664	952.6074 ng/ml
Oxymorphone	1.391	4339113	∞	42.0	727.42	165224	955.2706 ng/ml
Phentermine	3.783	3587039	2704.58	4.3	696.74	624052	724.8805 ng/ml
Promethazine	5.532	3378599	2131.56	27.2	1614.17	137476	1031.4288 ng/ml
Pseudoephedrine	2.589	21490972	137475.36	15.9	1293.66	902261	1071.9548 ng/ml
Quetiapine	5.555	6338872	453.07	57.2	118727.12	85938	1024.9708 ng/ml
Sertraline	5.769	303690	515.99	100.1	305.69	14793	971.8313 ng/ml
Temazepam	5.830	7565648	14449.58	28.2	5646.58	332305	1050.2948 ng/ml
Tramadol	4.239	19785812	2959.48	3.8	2261.65	1137697	888.0140 ng/ml
Trazodone	5.176	5284334	92068.27	79.2	122735.26	217698	1020.5603 ng/ml
Venlafaxine	5.037	20189295	4867.45	39.0	76514.93	966895	1018.6790 ng/ml
Zolpidem	4.935	20982053	209996.53	30.7	354732.53	1214066	881.1518 ng/ml