

Worklist: 5111

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-2484	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-2895	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-1862	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-1871	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-1909	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-1915	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-1926	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-1991	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-1996	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2013	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2094	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2227	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2231	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2268	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2269	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2270	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2271	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-2272	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

TS

Extraction Date: 07/15/2021

Analyst: Tamara Salazar

Plate lot#: IDP-121 Lot #:210610

Plate Re-test Date: 12/10/2021

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20723

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

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate. **Pipette ID: 42**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). *(Load at 85-100 PSI- Selector to the right)*
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. **If run contains urine, add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying (optional).** Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

Post-Analytic

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

COMMENTS:

Alprazolam used as a surrogate internal standard for alpha-hydroxyalprazolam. Alpha-hydroxyalprazolam reported qualitatively only.

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Curves limited:

a-hydroxyalprazolam: 5-250 (qualitative only—cal 7 and 8 dropped due to accuracy)

Buprenorphine 5-100--cal 1 dropped due to peak shape, cals 2 & 3 dropped due to ratio on cal 3

Codeine 5-500—cal 8 dropped due to accuracy

Cyclobenzaprine 10-1000—cal 1 dropped due to missing qualifier peak. (Reported qualitative only.)

Hydrocodone 5-500—cal 8 dropped accuracy

Lamotrigine 5-250—cal 7, & 8 dropped accuracy

Lorazepam 5-100—cal 6, 7, & 8 dropped accuracy

Meprobamate 5-500—cal 8 dropped accuracy

Mirtazapine not evaluated--accuracy

Norbuprenorphine 2.5-100—cal 1 & 2 dropped due to peak shape

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	P2021-2272-1	P2021-2013-1	M2021-2895-3	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	P2021-2271-1	P2021-1996-1	M2021-2484-1	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	P2021-2270-1	P2021-1991-2	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	P2021-2269-1	P2021-1926-1	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	P2021-2268-1	P2021-1915-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	P2021-2231-1	P2021-1909-1	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	P2021-2227-1	P2021-1871-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8	IS + Sample	IS + Sample	P2021-1869-1(re-extract)	P2021-2094-1	P2021-1862-1	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

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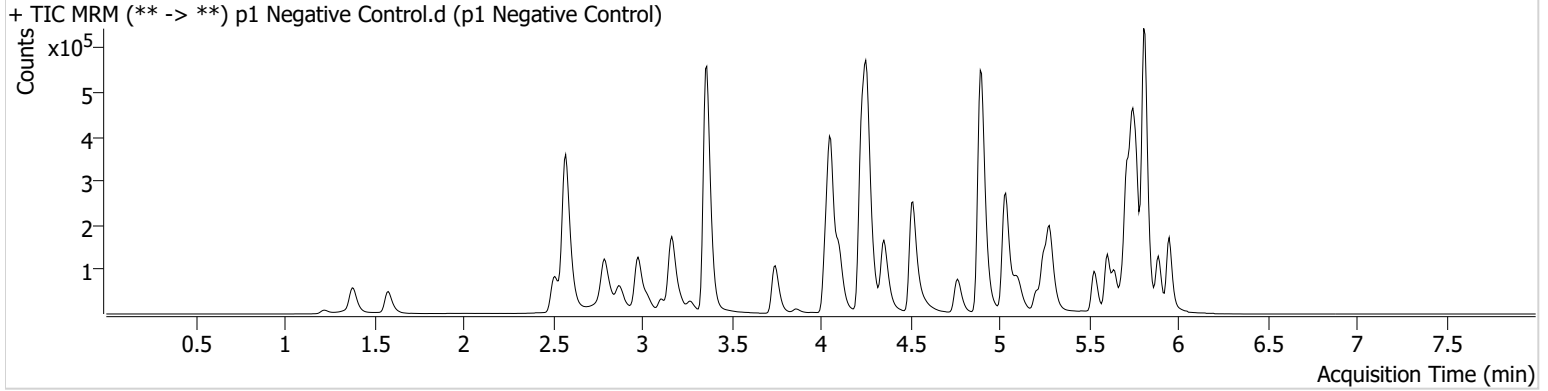


AM #28 Multi-Drug Quant. Results

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Calibration Last Update 7/20/2021 10:08:06 AM

Instrument	Falco (069901)	Data File	p1 Negative Control.d
Type	Sample	Sample	p1 Negative Control
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	7/15/2021 11:36:40 PM		
Sample Info.			

Sample Chromatogram



AM #28 Multi-Drug Quant. Results

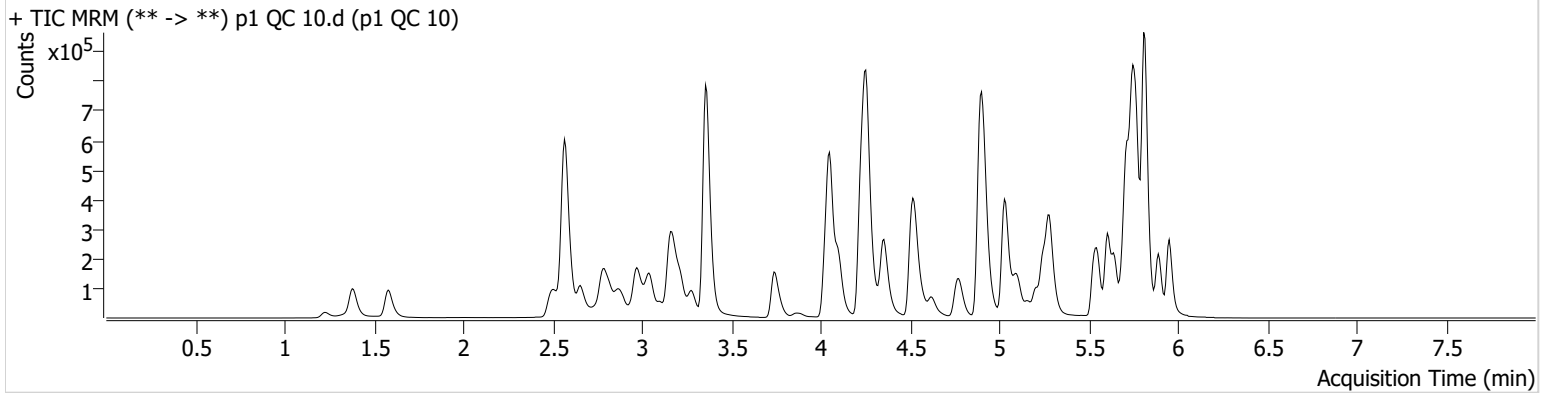
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Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-H11	Comment	
Injection Volume	2		
Acq. Date-Time	7/15/2021 10:22:22 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	3578	72.28	67.2	353.83	87970	1.0120 ng/ml
7-aminoclonazepam	4.265	71945	155.82	75.3	688.21	360198	11.2720 ng/ml
a-hydroxyalprazolam	5.692	53274	335.90	55.9	121.63	527443	10.0636 ng/ml
alpha-PHP	4.930	26872	193.56	272.9	90.61	545254	11.4245 ng/ml
alpha-PVP	4.363	138431	1003.92	52.1	154.74	545254	10.5465 ng/ml
Alprazolam	5.775	166273	1087.43	110.8	1390.60	527443	10.4570 ng/ml
Amphetamine	3.049	231064	459.42	52.1	1224.57	230685	11.3744 ng/ml
Benzoylcegonine	3.886	8991	254.85	8.2	56.16	29069	11.4031 ng/ml
* Buprenorphine	5.853	1078	138.32	10.8 Low	269.78	41044	1.5214 ng/ml
Bupropion	4.781	96598	4065.55	59.7	744.41	296709	10.9008 ng/ml
Carisoprodol	5.724	154479	414892.46	58.8	166.72	725910	10.3515 ng/ml
Citalopram	5.205	45388	239.25	41.8	171.12	185621	10.5082 ng/ml
Clonazepam	5.612	190018	340.26	32.4	312.12	210769	10.7822 ng/ml
Clonazepam	5.549	132095	1477.66	36.7	61089.69	210769	10.6195 ng/ml
Cocaine	4.257	134629	349.49	50.4	122.48	1071481	10.3646 ng/ml
Codeine	2.553	19992	130.32	100.8	58.01	86147	10.9316 ng/ml
Cyclobenzaprine	5.615	33088	205293.23	8.7	354.72	120992	11.2030 ng/ml
Dextromethorphan	5.255	24295	3577.41	80.3	85.96	107707	10.9124 ng/ml
Dextrophan	4.105	33815	2835.76	205.8	616.57	348476	11.1591 ng/ml
Diazepam	5.960	96989	840.18	86.8	180.84	405857	11.2115 ng/ml
Dihydrocodeine	2.532	50544	1477.40	67.1	616.99	263774	11.0542 ng/ml
Diphenhydramine	5.282	111438	155.02	33.2	662.49	629864	11.1443 ng/ml
Doxylamine	4.529	260725	1888.25	96.6	975.71	1041586	10.6119 ng/ml
EDDP	5.248	68618	553.75	41.8	75.42	326403	11.1463 ng/ml
Etizolam	5.813	108373	2171.85	25.1	33790.81	210769	10.7889 ng/ml
Fentanyl	5.103	3801	306.35	63.5	5096.38	177585	1.0712 ng/ml
Flualprazolam	5.705	77970	2437.22	98.4	3022.64	527443	10.7670 ng/ml
Fluoxetine	5.700	45624	103.89	8.9	1447.00	171167	10.4564 ng/ml
Hydrocodone	3.005	68153	77.75	39.2	56.48	353305	11.2589 ng/ml
Hydromorphone	1.588	66391	1125.41	78.4	710.85	203971	10.7293 ng/ml
Ketamine	4.044	140247	356.13	35.8	233.30	601815	11.0545 ng/ml
Lamotrigine	4.267	14655	1014.36	81.2	408.36	601815	11.5374 ng/ml
Levetiracetam	2.656	89872	603.23	162.5	1335.22	1491334	11.5354 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	182054	647.90	57.3	329.71	210769	11.5642 ng/ml
MDA	3.189	153898	913.27	21.2	119.18	333477	11.3934 ng/ml
MDMA	3.283	94021	410.63	72.0	627.53	76578	10.8188 ng/ml
Meprobamate	4.917	88176	11342.97	27.9	128.25	327907	11.1710 ng/ml
Methadone	5.646	70384	1832.65	50.2	131.78	281576	10.6436 ng/ml
Methamphetamine	3.224	162060	678.89	37.6	258.22	567828	11.1762 ng/ml
Metoprolol	4.319	26694	488.61	91.6	1021.62	1272339	11.4444 ng/ml
** Mirtazapine	4.624	89598	1663.89	52.4	871.30	545254	13.7122 ng/ml
Mitragynine	5.230	12157	292.79	43.6	9209.49	281576	12.3048 ng/ml
Morphine	1.233	9406	270.72	36.9	149.59	8803	11.3492 ng/ml
** Norbuprenorphine	4.979	238	664.57	93.4	228.52	6902	1.9133 ng/ml
Nordiazepam	5.900	103378	551.12	53.3	1729.73	293547	10.6528 ng/ml
Norfentanyl	4.079	25681	138.72	36.4	53.73	1104876	0.9929 ng/ml
Norhydrocodone	3.046	9680	132.31	38.8	45.68	67490	10.9224 ng/ml
Noroxycodone	2.889	72503	334.01	42.0	745.05	231367	10.3888 ng/ml
O-desmethyl-tramadol	3.362	345857	686.55	6.8	1858.02	1891639	10.5509 ng/ml
Oxazepam	5.749	210782	2377.25	71.7	145.49	835557	10.7372 ng/ml
Oxycodone	2.814	149945	532.68	26.9	432.73	594543	10.6588 ng/ml
Oxymorphone	1.385	79734	∞	42.9	266.93	238184	11.0931 ng/ml
Phentermine	3.777	45541	108.73	4.0	53.58	453331	11.2519 ng/ml
Promethazine	5.532	74383	351.34	28.3	23.14	294774	10.6838 ng/ml
Pseudoephedrine	2.576	330954	9228.42	16.0	365.31	1491334	10.4699 ng/ml
Quetiapine	5.555	74484	174.49	59.0	1631.66	90858	10.8970 ng/ml
Sertraline	5.776	20809	185.81	98.0	265.72	81585	10.2400 ng/ml
Temazepam	5.816	343255	5154.37	30.1	177.14	1589784	10.6410 ng/ml
Tramadol	4.239	280928	970.86	3.7	139.16	1272339	10.8768 ng/ml
Trazodone	5.163	65633	5360.59	82.5	740.06	218652	10.5439 ng/ml
Venlafaxine	5.030	188951	339.03	38.0	238.12	917290	10.4580 ng/ml
Zolpidem	4.914	363956	1890.90	31.2	1957.03	1697761	10.5725 ng/ml

*Outside curve range

**Not evaluated.

AM #28 Multi-Drug Quant. Results

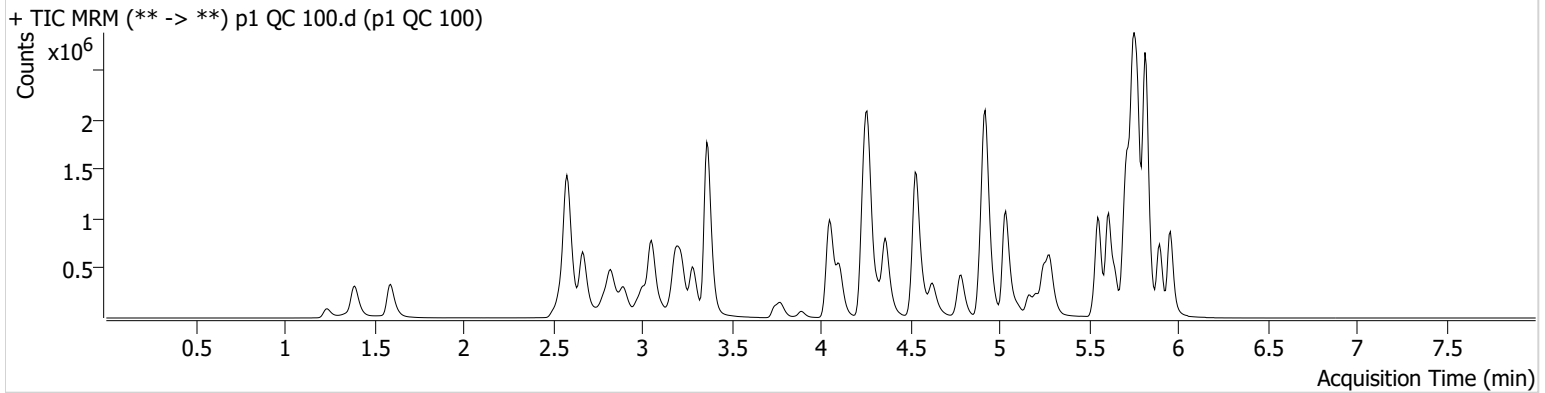
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Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/20/2021 10:08:06 AM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-G11	Comment	
Injection Volume	2		
Acq. Date-Time	7/16/2021 6:41:18 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	32656	1198.43	69.8	524.07	77629	11.0801 ng/ml
7-aminoclonazepam	4.271	580224	6841.96	77.3	7868.95	299227	111.5627 ng/ml
a-hydroxyalprazolam	5.692	407794	544.92	57.0	253.63	433519	108.1461 ng/ml
alpha-PHP	4.930	218743	18937.10	268.0	945.08	460196	118.0063 ng/ml
alpha-PVP	4.370	1161626	28352.75	53.6	726.88	460196	108.8419 ng/ml
Alprazolam	5.775	1397863	∞	112.1	600.64	433519	111.9622 ng/ml
Amphetamine	3.056	1487200	11616.03	51.1	1157.31	154712	117.9466 ng/ml
Benzoylcegonine	3.892	76568	909.68	7.9	90.28	22830	122.7660 ng/ml
Buprenorphine	5.860	6390	16348.18	15.9	2208.11	22285	10.2128 ng/ml
Bupropion	4.788	710477	725.71	59.5	2589.38	220518	111.9228 ng/ml
Carisoprodol	5.724	1208289	729605.51	57.2	4620.97	568230	107.3273 ng/ml
Citalopram	5.212	280019	428.23	42.3	234.59	117790	108.5773 ng/ml
Clonazepam	5.612	1574806	3473.17	31.4	6943.00	178997	116.5270 ng/ml
Clonazepam	5.549	1130141	933337.58	37.4	644195.09	178997	114.9847 ng/ml
Cocaine	4.257	1216102	2401.65	50.1	14959.41	946085	110.2951 ng/ml
Codeine	2.566	165811	959.35	99.4	6460.84	73461	115.4375 ng/ml
Cyclobenzaprine	5.615	135415	1080.21	9.7	53.64	50443	108.9436 ng/ml
Dextromethorphan	5.255	125807	13941.73	79.4	2064.91	55771	113.7961 ng/ml
Dextrophan	4.105	287704	2318.59	200.5	1073.38	293081	116.8011 ng/ml
Diazepam	5.960	856321	992.33	89.0	12377.46	370368	112.5144 ng/ml
Dihydrocodeine	2.545	435738	1267.26	68.3	224.70	237040	118.5465 ng/ml
Diphenhydramine	5.289	651896	470.60	33.9	4283.17	383045	109.4908 ng/ml
Doxylamine	4.536	2158864	60123.55	98.7	232743.06	888431	106.7166 ng/ml
EDDP	5.254	566158	11124.29	42.0	51093.09	275671	112.5547 ng/ml
Etizolam	5.813	858000	12797.05	26.4	400230.54	178997	101.7225 ng/ml
Fentanyl	5.103	14417	109.51	65.8	15750.60	74046	10.8655 ng/ml
Flualprazolam	5.705	623868	5290.90	98.2	1700.70	433519	113.9669 ng/ml
Fluoxetine	5.707	140510	777.65	7.8	21816.44	54183	113.2933 ng/ml
Hydrocodone	3.005	571500	190.91	39.9	250.85	304503	118.4415 ng/ml
Hydromorphone	1.595	559855	18628.11	77.9	3564786.83	170308	114.9095 ng/ml
Ketamine	4.051	1226256	18553.80	36.1	1992.42	538806	112.9391 ng/ml
Lamotrigine	4.273	123911	654.98	79.4	3033.13	538806	118.8563 ng/ml
Levetiracetam	2.670	696386	1968.87	164.7	12540.34	1236557	110.6926 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1222471	3470.74	57.1	1586.73	178997	103.1719 ng/ml
MDA	3.196	1164324	5592.27	23.0	1675.73	266037	115.5379 ng/ml
MDMA	3.290	779640	1230900.19	72.4	2000.35	64140	111.4022 ng/ml
Meprobamate	4.917	693968	399.55	28.1	834.90	287998	118.8104 ng/ml
Methadone	5.646	384297	4569.10	47.1	226.47	156397	109.5428 ng/ml
Methamphetamine	3.224	843100	11159.05	38.3	2568.03	334766	114.9364 ng/ml
Metoprolol	4.326	231215	2962.58	91.6	2123.73	1174965	111.9925 ng/ml
** Mirtazapine	4.624	503055	2472.92	51.8	6310.95	460196	78.0185 ng/ml
Mitragynine	5.237	55737	48994.46	40.5	101.92	156397	103.8825 ng/ml
Morphine	1.240	82263	5588.68	36.3	359.93	7928	114.1144 ng/ml
Norbuprenorphine	4.986	778	100.38	118.0	1470.12	3600	10.3283 ng/ml
Nordiazepam	5.900	879960	1129055.58	55.3	847.46	253582	112.9994 ng/ml
Norfentanyl	4.079	217022	5574.20	34.3	4107.50	873987	10.8377 ng/ml
Norhydrocodone	3.053	74043	139.50	40.2	77.74	52780	107.3641 ng/ml
Noroxycodone	2.896	623683	3627.38	41.8	465.27	196649	109.9449 ng/ml
O-desmethyl-tramadol	3.369	3175229	70449.46	6.6	∞	1702576	110.5359 ng/ml
Oxazepam	5.756	1587033	764.47	73.0	∞	617144	116.9750 ng/ml
Oxycodone	2.821	1295293	3304.77	27.1	600.57	520257	112.5068 ng/ml
Oxymorphone	1.391	676964	∞	43.4	∞	208171	116.8511 ng/ml
Phentermine	3.783	318781	835.57	4.0	450.87	341041	114.3730 ng/ml
Promethazine	5.532	312014	4825.88	27.5	1056.19	130979	106.4311 ng/ml
Pseudoephedrine	2.589	2693092	781.67	16.4	13984.60	1236557	104.9869 ng/ml
Quetiapine	5.555	462837	127377.18	59.0	8733.98	58783	108.6475 ng/ml
Sertraline	5.776	68923	1803.35	97.9	808.91	27897	104.2164 ng/ml
Temazepam	5.823	2878733	16936.37	27.9	1334.04	1294365	104.8461 ng/ml
Tramadol	4.246	2503951	1018.43	3.6	366.03	1174965	110.3143 ng/ml
Trazodone	5.163	363130	743.07	80.0	265688.02	117251	114.1646 ng/ml
Venlafaxine	5.037	1674468	54522.32	37.9	886.58	801660	108.6599 ng/ml
Zolpidem	4.921	2997999	263799.43	30.9	5980.51	1433589	111.4023 ng/ml

**Not evaluated.

AM #28 Multi-Drug Quant. Results

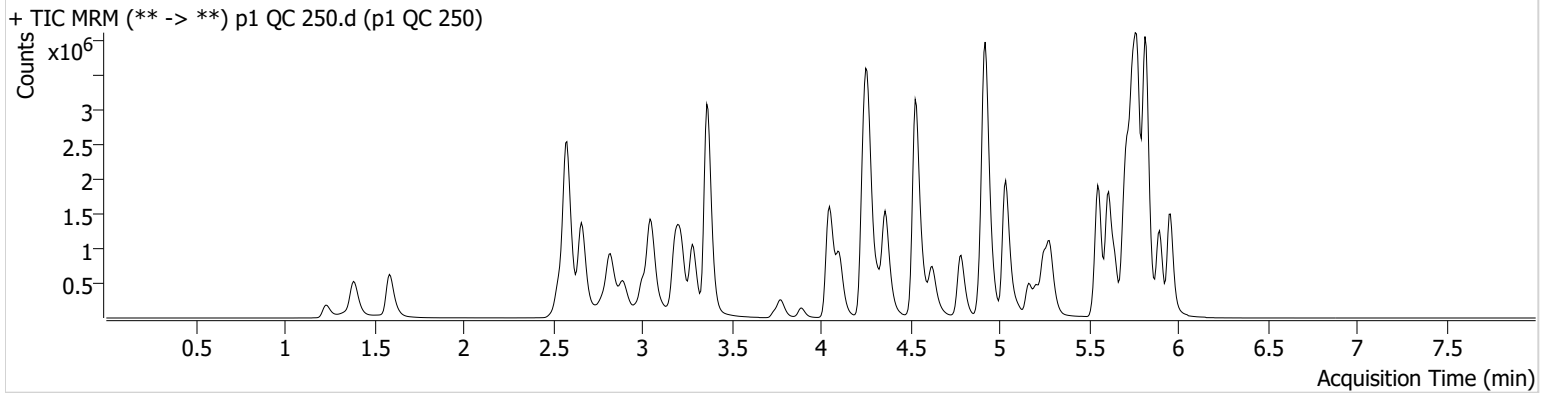
TS



Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/20/2021 10:08:06 AM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-F11	Comment	
Injection Volume	2		
Acq. Date-Time	7/15/2021 10:43:36 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	71751	1285.97	69.3	651.65	66708	28.4322 ng/ml
7-aminoclonazepam	4.271	1111883	1382.84	78.0	245.70	234153	273.5566 ng/ml
a-hydroxyalprazolam	5.692	668275	603.41	57.1	438.51	343147	225.7566 ng/ml
alpha-PHP	4.930	441178	2661.81	269.7	5613.02	406602	270.5362 ng/ml
alpha-PVP	4.363	2541877	45503.71	52.4	24343.12	406602	270.2194 ng/ml
Alprazolam	5.775	2784114	∞	111.1	101068.46	343147	282.5444 ng/ml
Amphetamine	3.049	2844467	24835.70	50.9	1339.67	128432	273.0809 ng/ml
Benzoylecgonine	3.892	173600	23044.73	7.3	279.21	23010	276.0562 ng/ml
Buprenorphine	5.853	13105	11270.72	14.8	4170.48	16736	26.7723 ng/ml
Bupropion	4.788	1582227	68280.09	61.2	559.77	206375	266.9602 ng/ml
Carisoprodol	5.724	2097295	∞	57.0	19328.64	397454	266.9811 ng/ml
Citalopram	5.212	629499	656.41	41.0	746427.64	102333	282.1224 ng/ml
Clonazepam	5.612	3050391	46966.70	30.6	94693.63	137884	294.9687 ng/ml
Clonazepam	5.549	2178750	328136.10	38.4	1292083.43	137884	289.0967 ng/ml
Cocaine	4.257	2514739	1041.12	51.6	507.73	798315	270.9629 ng/ml
Codeine	2.560	319533	677.63	101.4	50419.31	60961	269.4562 ng/ml
Cyclobenzaprine	5.615	274774	614.95	9.4	351.87	41209	270.4209 ng/ml
Dextromethorphan	5.255	265079	7178.89	79.2	1073.92	47351	283.1746 ng/ml
Dextrophan	4.105	592336	819855.42	205.6	3035.22	249676	282.8866 ng/ml
Diazepam	5.960	1751795	7215.42	87.8	688.52	295578	289.1423 ng/ml
Dihydrocodeine	2.532	928990	1636.14	67.9	1473.10	214507	281.2627 ng/ml
Diphenhydramine	5.289	1390946	376756.98	33.2	6349.49	336391	266.4004 ng/ml
Doxylamine	4.529	5000023	91239.39	96.6	4973.00	816213	269.6753 ng/ml
EDDP	5.254	1142552	15646.54	41.6	248.29	229008	274.0235 ng/ml
Etizolam	5.813	1804338	16646.72	25.1	44932.36	137884	277.9408 ng/ml
Fentanyl	5.103	30608	47.06	63.5	102.15	61657	27.9172 ng/ml
Flualprazolam	5.705	1186359	3926.18	101.3	61481.32	343147	275.2671 ng/ml
Fluoxetine	5.700	231177	27138.11	8.6	39245.12	37438	271.5956 ng/ml
Hydrocodone	3.005	1159185	257.20	41.5	266.94	265931	276.4303 ng/ml
Hydromorphone	1.588	1166100	6934.68	78.0	3408518.02	146910	278.4772 ng/ml
Ketamine	4.051	2654152	43085.39	36.9	509.03	481869	274.1406 ng/ml
Lamotrigine	4.273	234117	2617.25	82.0	175903.97	481869	252.4051 ng/ml
Levetiracetam	2.663	1478933	15161.10	164.5	8915.24	1020656	285.3525 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.747	1593724	79172.43	57.2	851.26	137884	175.7865 ng/ml
MDA	3.189	2350262	3179.51	22.2	2174.38	218746	284.9259 ng/ml
MDMA	3.283	1700411	9133.62	71.4	3483.40	55572	281.1629 ng/ml
Meprobamate	4.917	1200040	2016579.19	28.4	3442.09	227216	263.2134 ng/ml
Methadone	5.646	809204	592.84	48.1	1883.96	133655	270.7234 ng/ml
Methamphetamine	3.224	1631289	2753.99	37.7	4313.50	270023	278.6255 ng/ml
Metoprolol	4.326	488913	852026.35	92.7	3645.01	1004315	277.8688 ng/ml
** Mirtazapine	4.624	1110789	32379.68	52.3	22291.71	406602	191.4780 ng/ml
Mitragynine	5.230	118527	1170.12	39.3	1461.31	133655	258.9747 ng/ml
Morphine	1.233	172923	387.66	39.1	3223.05	6814	279.7524 ng/ml
Norbuprenorphine	4.986	1886	1171.85	99.8	105.23	2962	29.8218 ng/ml
Nordiazepam	5.900	1698940	979.88	55.6	1914.76	204404	271.9234 ng/ml
Norfentanyl	4.079	485728	13386.90	34.6	2058.99	790820	26.8425 ng/ml
Norhydrocodone	3.053	137978	381.93	41.1	128.77	38676	273.1233 ng/ml
Noroxycodone	2.896	1183687	3097.97	42.2	1512.93	150772	272.9339 ng/ml
O-desmethyl-tramadol	3.362	7030524	1746.03	6.6	18724.49	1498544	278.5492 ng/ml
Oxazepam	5.749	2297675	53869.66	74.2	4019.32	396163	264.8473 ng/ml
Oxycodone	2.821	2779390	3431.91	27.2	1758.94	456085	276.5686 ng/ml
Oxymorphone	1.385	1363787	∞	42.3	∞	173041	284.6803 ng/ml
Phentermine	3.783	666004	5073.59	3.6	402.53	291919	280.8389 ng/ml
Promethazine	5.532	612002	2153.85	28.6	374.43	103501	265.1612 ng/ml
Pseudoephedrine	2.583	5775920	64543.33	15.8	99018.35	1020656	273.2026 ng/ml
Quetiapine	5.555	973177	32223.82	57.6	37335.14	48209	279.2779 ng/ml
Sertraline	5.776	110858	527.02	101.4	188495.91	17770	264.0285 ng/ml
Temazepam	5.823	5135513	93661.12	28.1	10044.64	892261	270.5177 ng/ml
Tramadol	4.239	5474714	2554.57	3.5	1227.44	1004315	283.1380 ng/ml
Trazodone	5.163	803507	575.68	80.6	25836.71	109811	270.5148 ng/ml
Venlafaxine	5.037	3698147	66095.71	37.0	751.48	714491	269.6817 ng/ml
Zolpidem	4.921	6678663	10384.27	30.1	78683.96	1306734	273.6268 ng/ml

*Outside curve range.

**Not evaluated.

TS

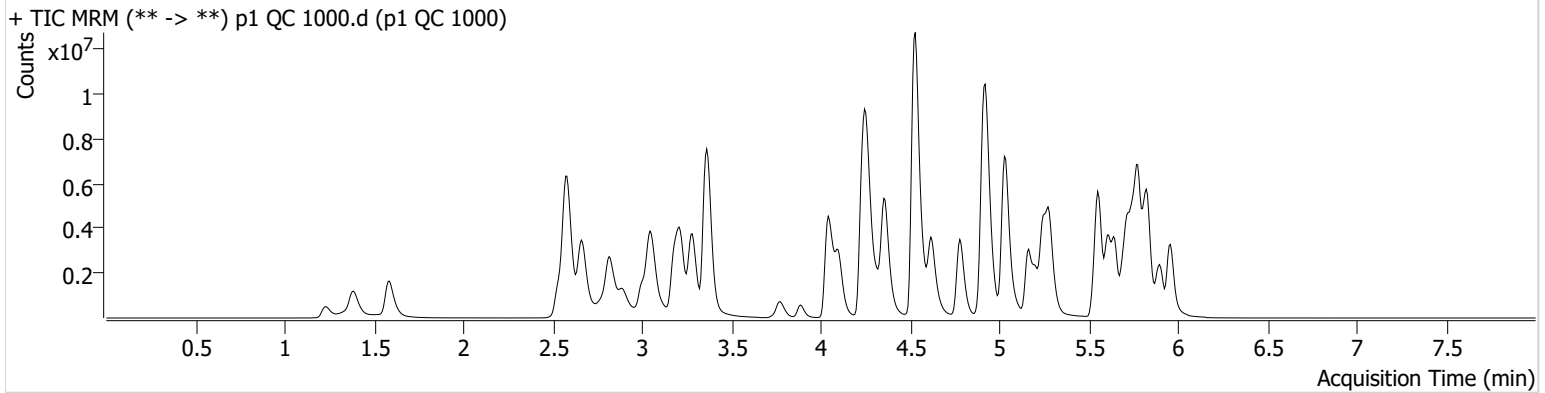


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/20/2021 10:08:06 AM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-E11	Comment	
Injection Volume	2		
Acq. Date-Time	7/15/2021 11:04:49 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	267959	3018.51	70.2	1676.13	62798	112.9895 ng/ml
7-aminoclonazepam	4.271	2035444	15913.96	78.1	55016.67	103052	1138.6360 ng/ml
* a-hydroxyalprazolam	5.685	1023827	722.90	56.2	234.81	214604	555.5511 ng/ml
alpha-PHP	4.930	1542924	26157.17	273.6	67531.34	369905	1042.5763 ng/ml
alpha-PVP	4.363	9829494	735.09	51.7	214683.45	369905	1150.0578 ng/ml
Alprazolam	5.775	6544003	15946.54	112.6	2151.60	214604	1063.3984 ng/ml
Amphetamine	3.049	8674714	87441.18	48.1	3165.19	111816	959.1251 ng/ml
Benzoylcegonine	3.886	723556	3385.39	7.5	143880.38	20678	1280.0415 ng/ml
Buprenorphine	5.853	51793	565.63	14.2	3728.97	15153	114.6958 ng/ml
Bupropion	4.781	6483370	121951.04	59.4	2820.86	203579	1110.3637 ng/ml
Carisoprodol	5.724	3812005	13788090.38	56.0	23804.14	163061	1184.2885 ng/ml
Citalopram	5.205	2934249	27576.34	40.7	518.54	118414	1138.6808 ng/ml
Clonazepam	5.612	6186195	84783.32	29.9	31487.32	80607	1026.4420 ng/ml
Clonazepam	5.555	4474990	433468.33	37.0	2096862.50	80607	1017.9217 ng/ml
Cocaine	4.257	8539588	1156.65	50.4	885.55	660190	1114.0863 ng/ml
* Codeine	2.553	780868	605.33	95.1	2579.44	46971	856.8792 ng/ml
Cyclobenzaprine	5.615	1248679	1809.43	9.3	225.98	45270	1118.3013 ng/ml
Dextromethorphan	5.255	1085608	11864.29	81.2	15732.02	50499	1088.9000 ng/ml
Dextrophan	4.105	2174491	1070.39	205.8	170203.92	225432	1151.4928 ng/ml
Diazepam	5.960	4606252	∞	87.7	10182.99	200866	1120.1108 ng/ml
Dihydrocodeine	2.532	2705977	1590.96	68.8	963.07	196472	897.6427 ng/ml
Diphenhydramine	5.282	6692271	5472.89	32.8	679.81	375673	1148.5909 ng/ml
Doxylamine	4.529	22231838	315173.19	96.2	228151.01	894122	1095.8893 ng/ml
EDDP	5.248	6643574	122885.95	41.3	33990.48	311114	1174.2293 ng/ml
Etizolam	5.813	4622036	17490.12	25.0	2436.10	80607	1218.3533 ng/ml
Fentanyl	5.103	143877	253.04	65.4	203299.73	71291	113.9177 ng/ml
Flualprazolam	5.705	2603067	2424.56	101.8	82076.15	214604	968.3788 ng/ml
Fluoxetine	5.700	592282	14148.65	8.5	8921.45	23631	1106.4265 ng/ml
* Hydrocodone	3.005	3731083	19396.18	41.5	∞	237113	1000.5491 ng/ml
Hydromorphone	1.588	3598160	10047332.00	77.7	8076662.52	111706	1132.2865 ng/ml
Ketamine	4.044	9544168	385595.93	35.2	14229.91	427931	1111.7783 ng/ml
* Lamotrigine	4.273	537464	7825.22	81.1	6378.80	427931	654.3414 ng/ml
Levetiracetam	2.663	3876668	6485.42	171.1	9473.32	732377	1043.3256 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.747	1708537	34901.50	56.7	725.66	80607	323.7734 ng/ml
MDA	3.182	6781535	6799.10	22.0	1937.81	183601	981.6616 ng/ml
MDMA	3.283	6579220	14921.69	71.8	7376.50	51916	1166.0114 ng/ml
* Meprobamate	4.911	2003398	75622.93	28.2	8728.76	150779	665.7453 ng/ml
Methadone	5.646	3991615	200782.34	48.7	75269.71	158298	1129.2869 ng/ml
Methamphetamine	3.217	6029707	8059.57	36.3	29026.40	273279	1023.1374 ng/ml
Metoprolol	4.319	1636194	1238050.86	92.3	4206971.87	879083	1063.9532 ng/ml
** Mirtazapine	4.617	5712916	264459.60	51.6	10671.76	369905	1071.6251 ng/ml
Mitragynine	5.230	487288	2482.14	39.8	1196.04	158298	899.7385 ng/ml
Morphine	1.233	547464	∞	37.5	1393.91	5778	1045.6621 ng/ml
Norbuprenorphine	4.979	7007	2832.82	97.6	2434.79	2990	108.9328 ng/ml
Nordiazepam	5.900	3814933	598.59	55.1	13181.06	115950	1079.0866 ng/ml
Norfentanyl	4.072	1718566	64754.29	33.8	10858.80	598827	125.5089 ng/ml
Norhydrocodone	3.046	436595	352.34	41.6	223.57	26586	1257.4495 ng/ml
Noroxycodone	2.889	2789912	2654.26	43.5	1234.03	90785	1069.8989 ng/ml
O-desmethyl-tramadol	3.362	21829868	193570.62	6.5	1525.42	1156158	1121.9895 ng/ml
Oxazepam	5.749	2470160	22677.58	72.5	3747.16	112995	1000.5363 ng/ml
Oxycodone	2.814	9307306	10079.54	27.0	1325.10	401149	1055.2782 ng/ml
Oxymorphone	1.385	3690656	769.38	43.8	537.95	127588	1047.6321 ng/ml
Phentermine	3.776	2252896	1218.95	3.7	1396.18	286457	970.9612 ng/ml
Promethazine	5.532	2808393	1087.95	28.3	1905.73	113920	1107.5990 ng/ml
Pseudoephedrine	2.583	18038170	204305.57	15.3	207183.63	732377	1189.9032 ng/ml
Quetiapine	5.548	5201715	∞	57.4	47807.67	65732	1096.1749 ng/ml
Sertraline	5.776	298548	385.84	96.5	285.61	11486	1101.8770 ng/ml
Temazepam	5.830	8039598	50069.92	28.7	10132.50	329619	1144.7163 ng/ml
Tramadol	4.232	17969661	1776.66	3.5	9252.50	879083	1063.4320 ng/ml
Trazodone	5.163	5016137	495173.05	80.1	1368.44	165690	1121.0508 ng/ml
Venlafaxine	5.030	15854711	427336.76	36.0	106269.27	708857	1166.3193 ng/ml
Zolpidem	4.914	21943081	188929.00	30.4	12740.54	1185698	993.2607 ng/ml

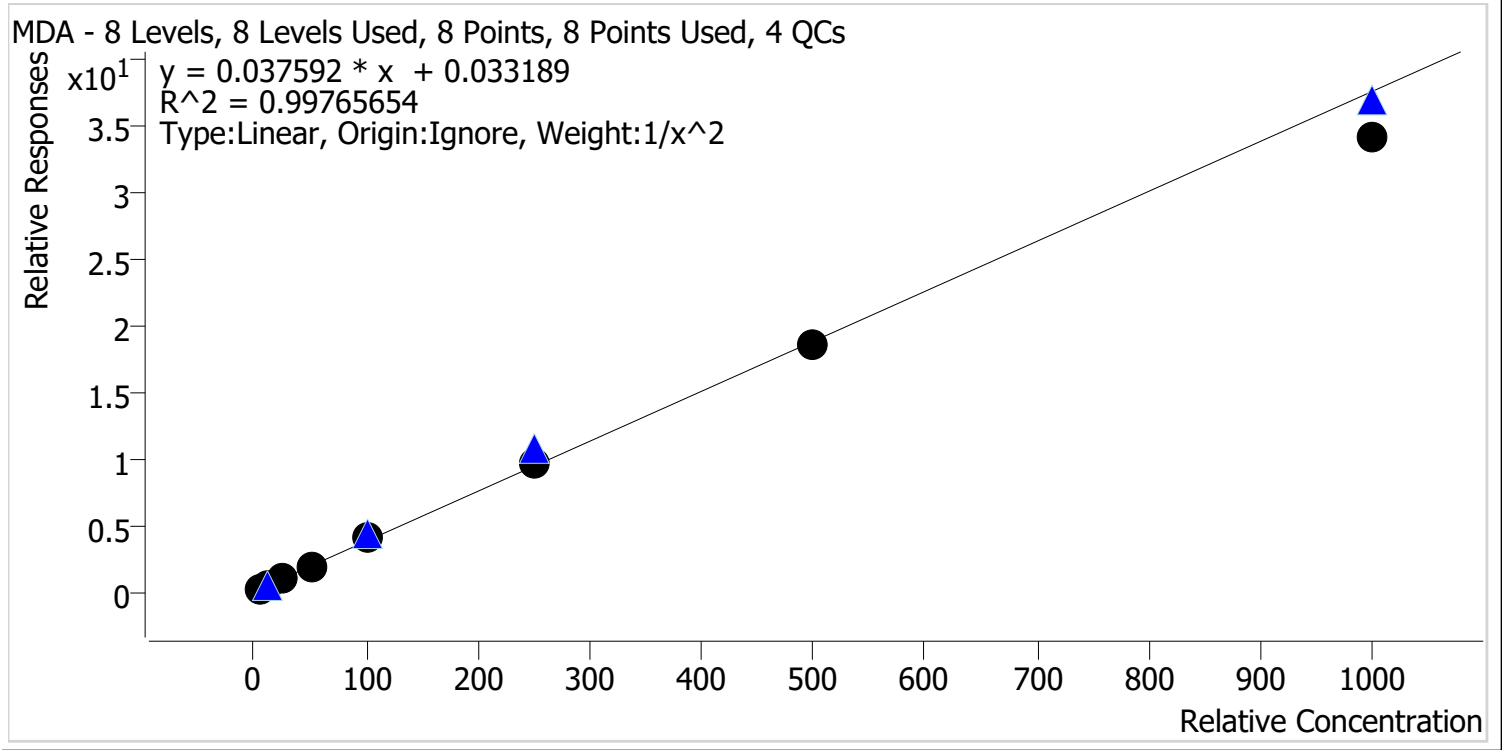
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TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



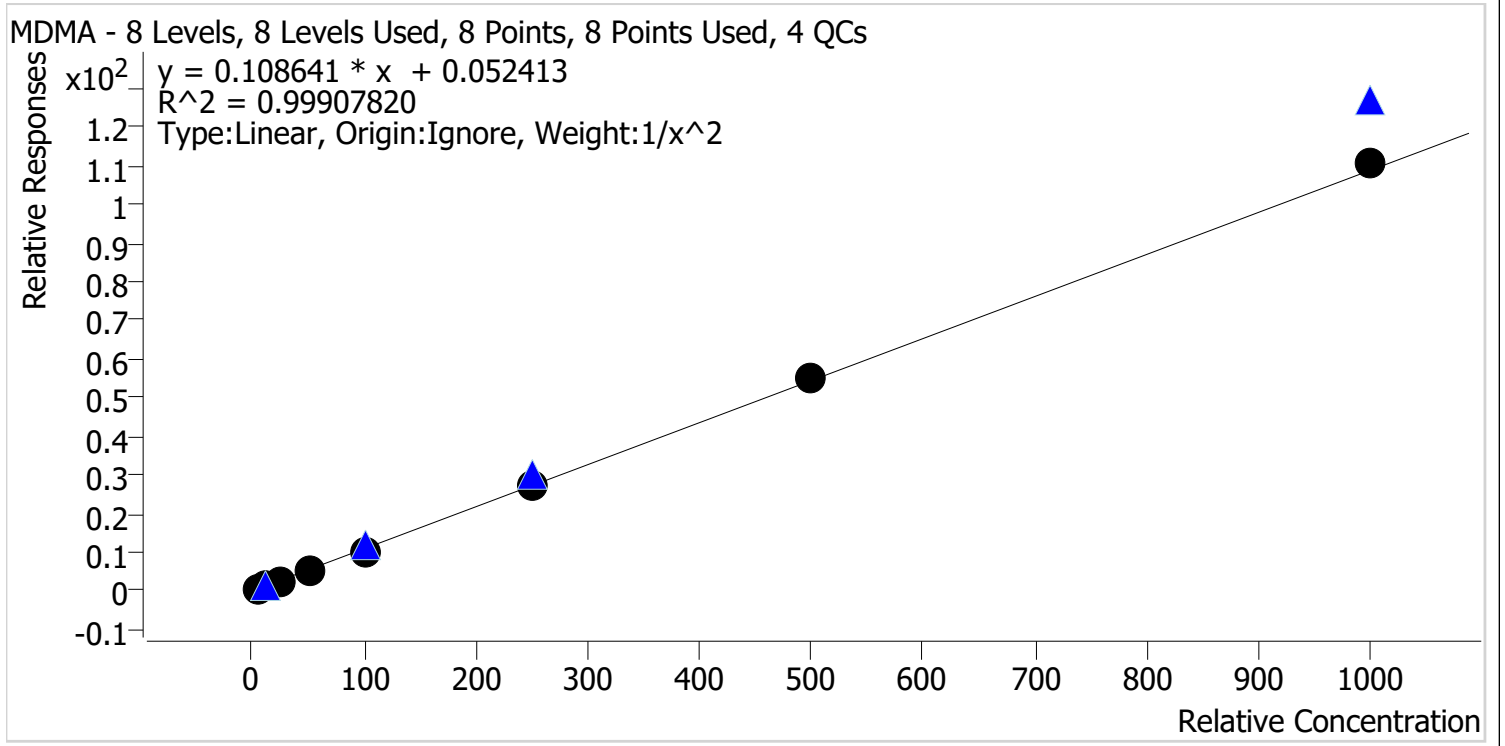
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	492.7	98.5
p1 Cal 8-1000ng	8	✓	1000.0	910.4	91.0



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	253.6	101.4
p1 Cal 7-500ng	7	✓	500.0	506.1	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1019.4	101.9

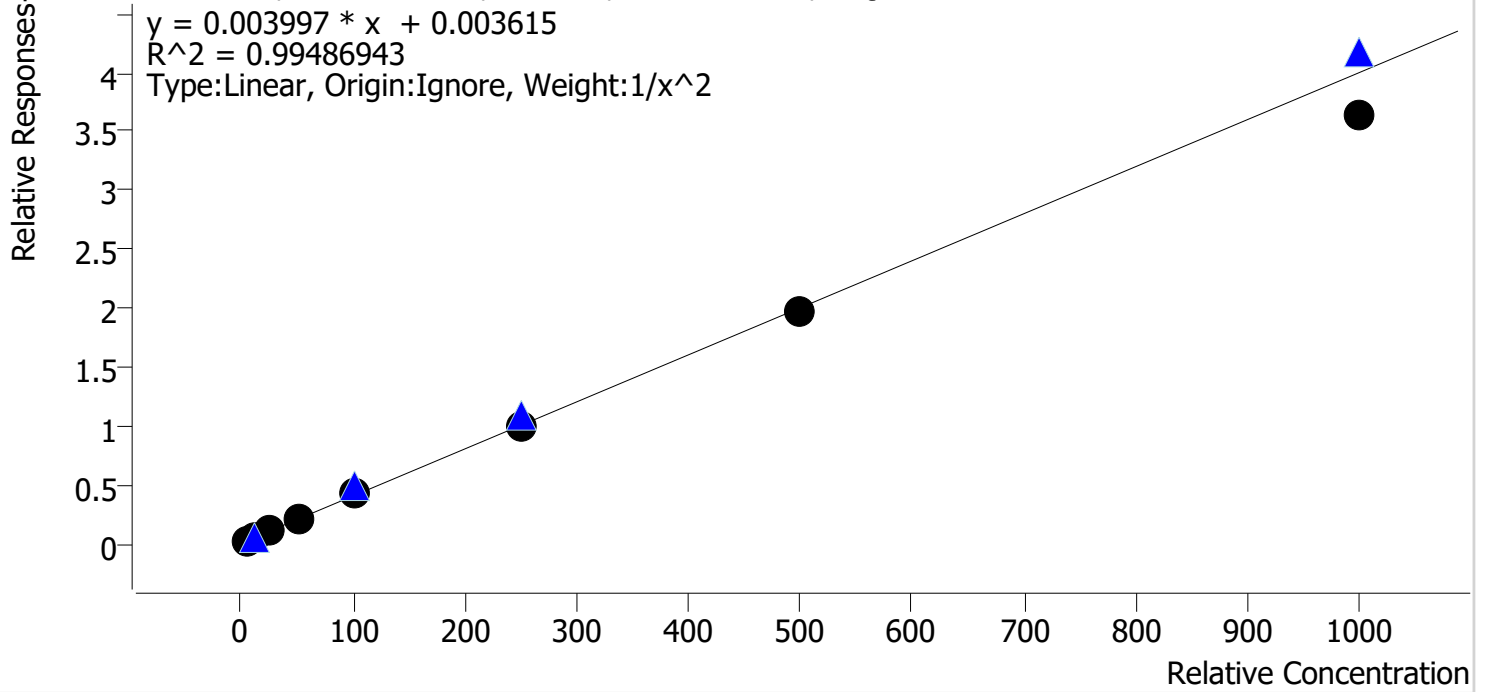


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.6	106.4
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.3
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	244.0	97.6
p1 Cal 7-500ng	7	✓	500.0	488.3	97.7
p1 Cal 8-1000ng	8	✓	1000.0	913.5	91.4

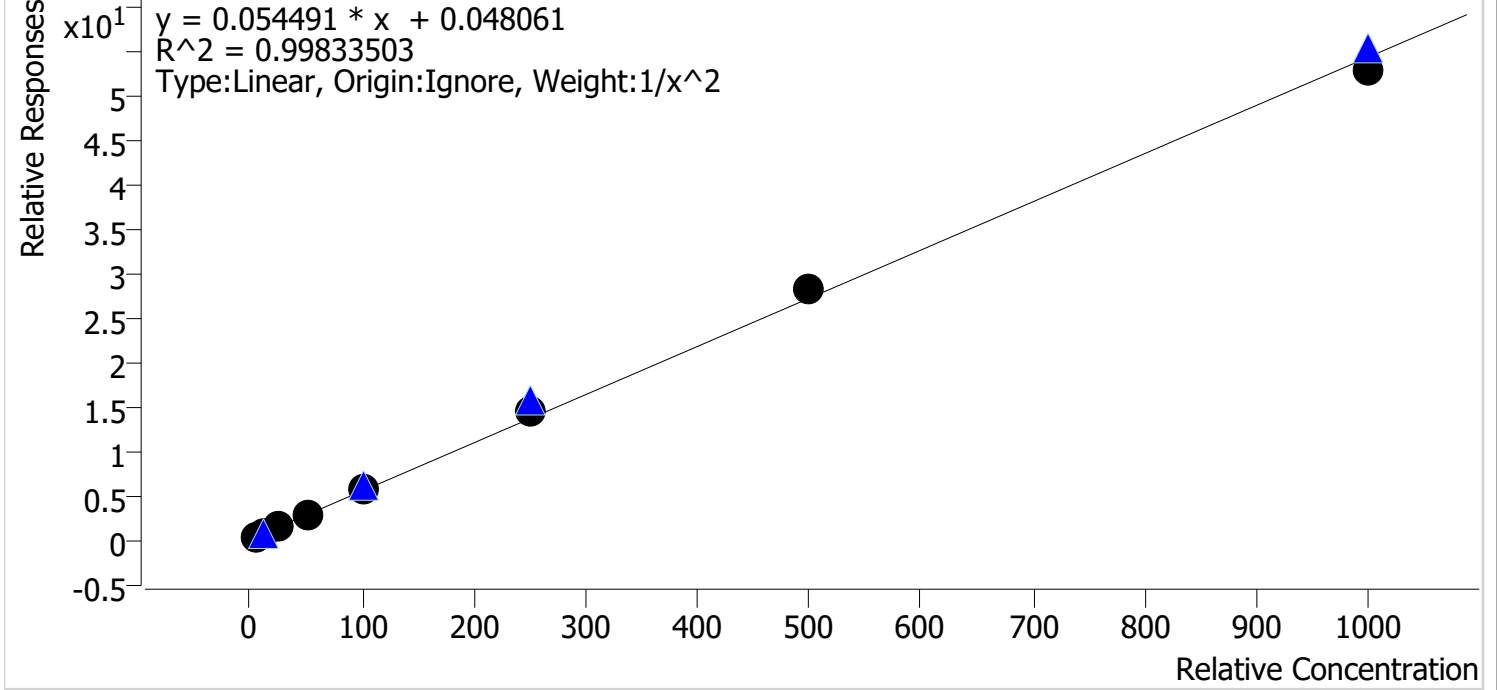


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	48.5	97.1
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	263.2	105.3
p1 Cal 7-500ng	7	✓	500.0	517.9	103.6
p1 Cal 8-1000ng	8	✓	1000.0	972.0	97.2

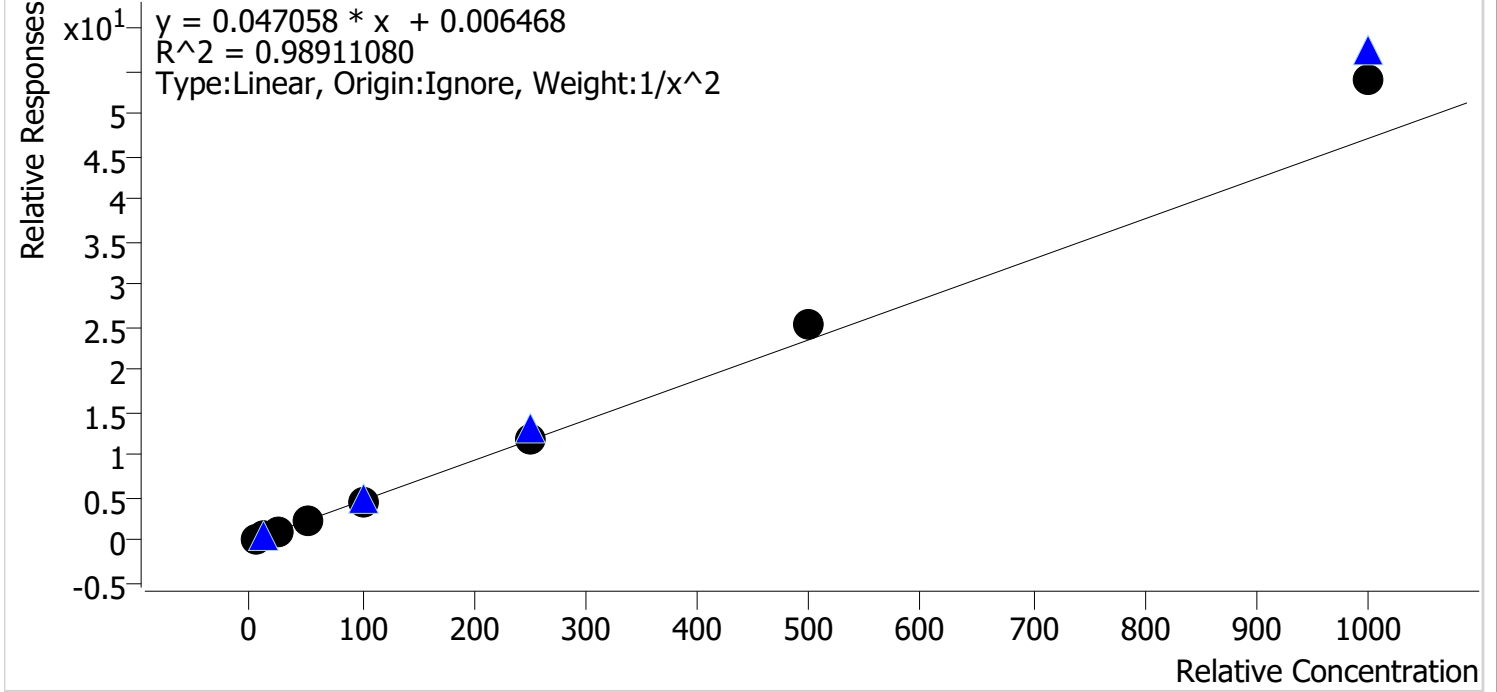


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



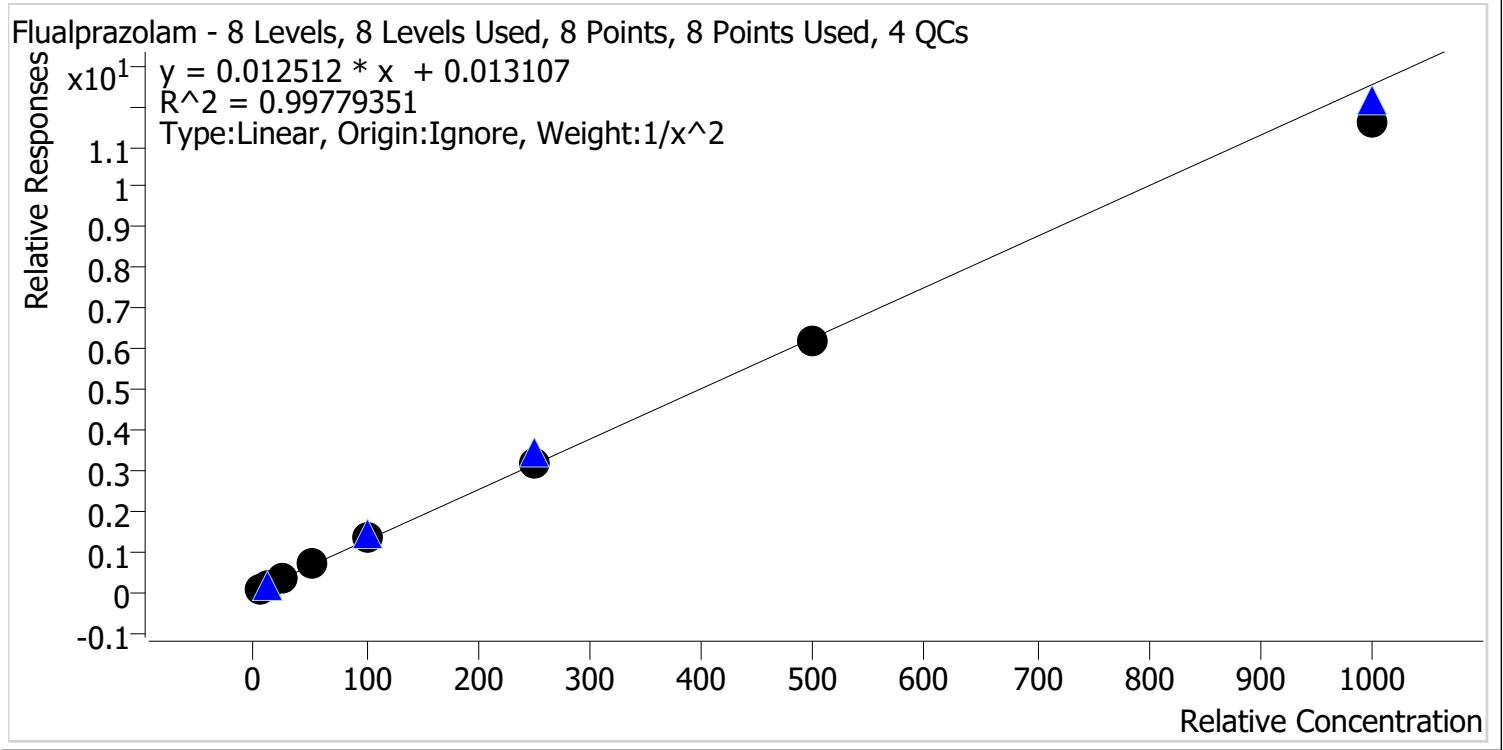
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.9
p1 Cal 2-10ng	2	✓	10.0	9.4	94.3
p1 Cal 3 -25ng	3	✓	25.0	22.4	89.7
p1 Cal 4-50ng	4	✓	50.0	45.6	91.1
p1 Cal 5-100ng	5	✓	100.0	93.7	93.7
p1 Cal 6-250ng	6	✓	250.0	255.9	102.3
p1 Cal 7-500ng	7	✓	500.0	542.1	108.4
p1 Cal 8-1000ng	8	✓	1000.0	1145.3	114.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	248.9	99.5
p1 Cal 7-500ng	7	✓	500.0	494.6	98.9
p1 Cal 8-1000ng	8	✓	1000.0	922.6	92.3

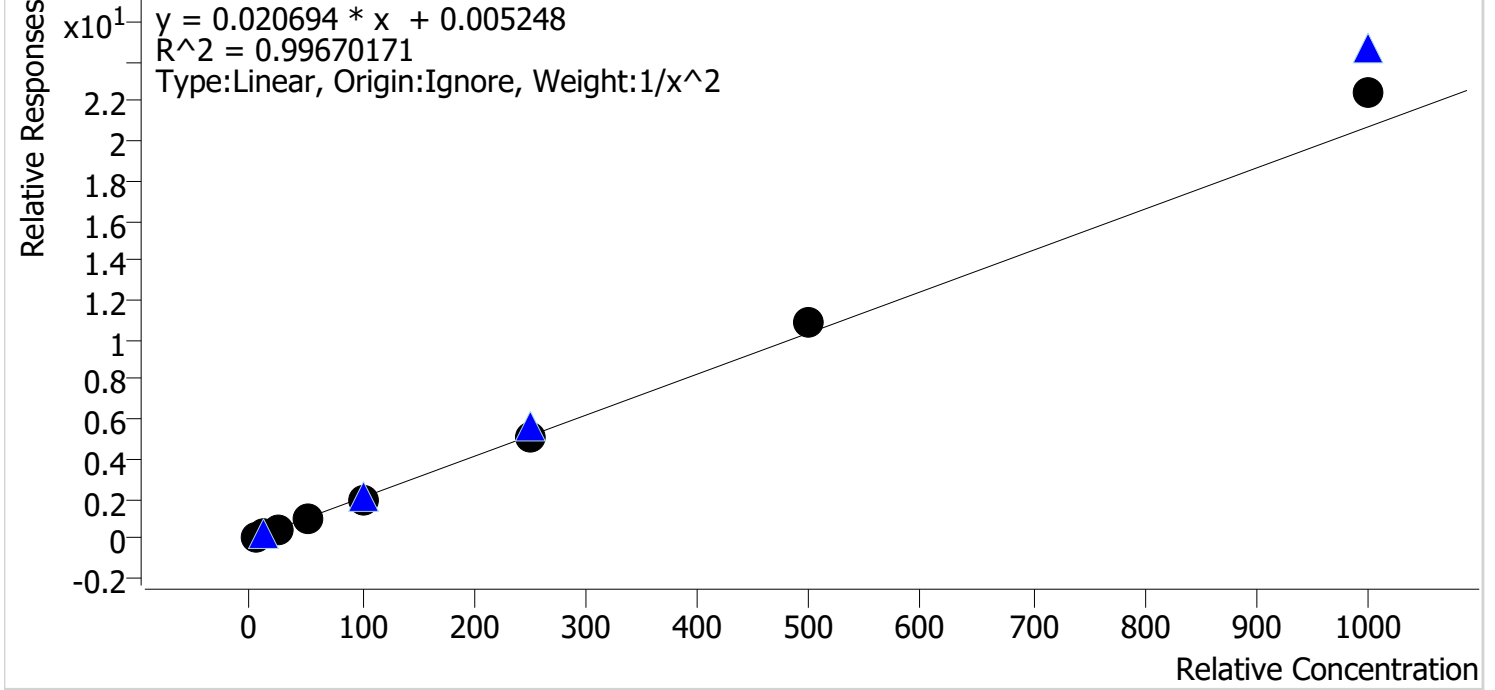


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.6
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	94.3	94.3
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	525.4	105.1
p1 Cal 8-1000ng	8	✓	1000.0	1084.2	108.4

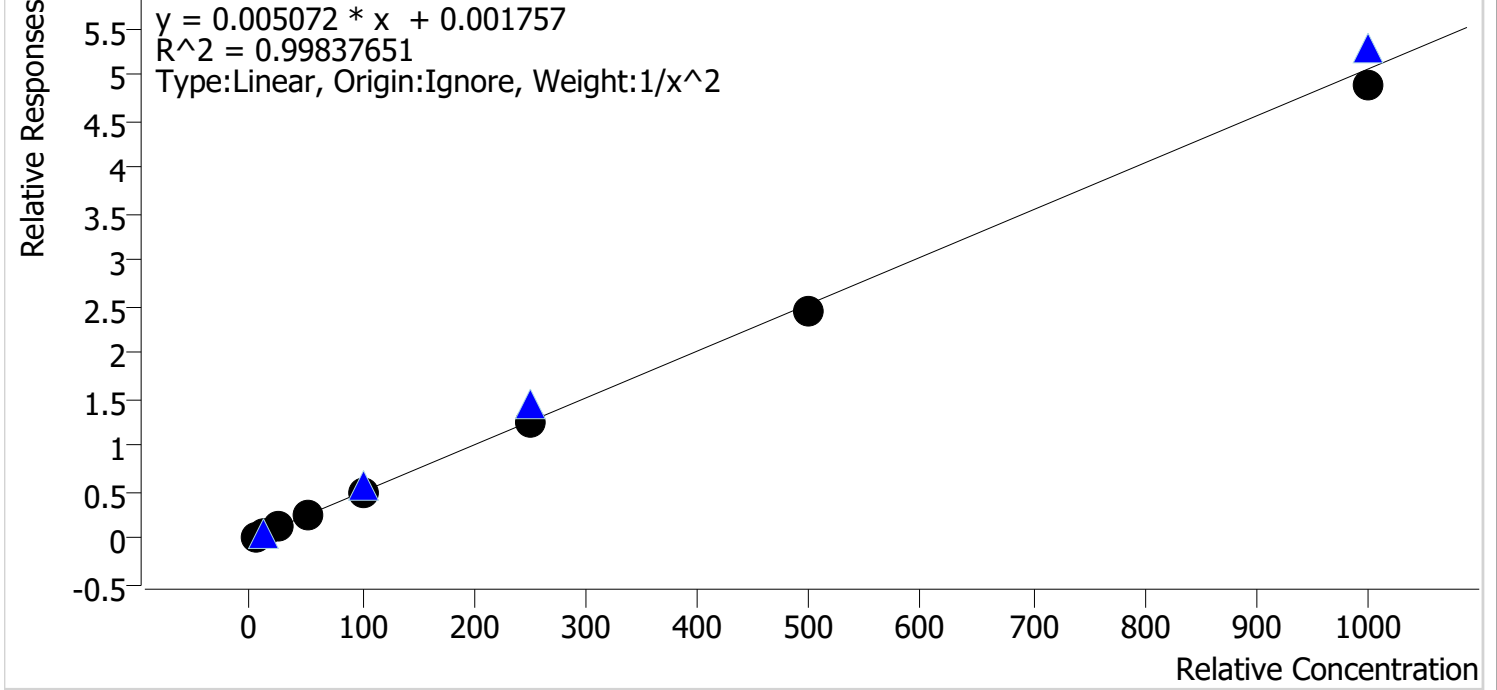


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/20/2021 10:08 AM
 Analyst Name ISP\datastor
 Analyte Levetiracetam Internal Standard Pseudoephedrine-D3

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



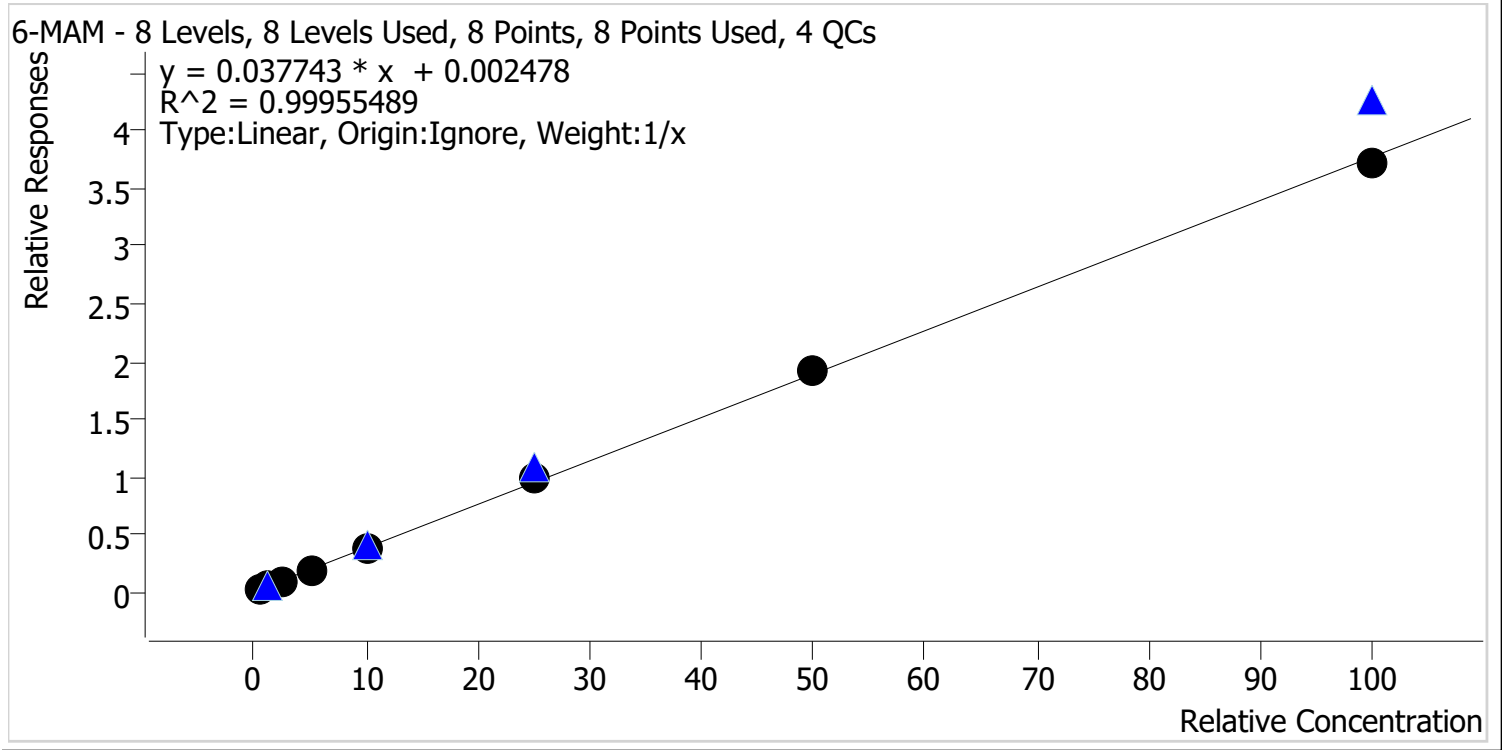
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	481.2	96.2
p1 Cal 8-1000ng	8	✓	1000.0	965.5	96.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	113.2
p1 Cal 2-10ng	2	✓	1.0	1.0	95.1
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.3
p1 Cal 4-50ng	4	✓	5.0	4.8	96.5
p1 Cal 5-100ng	5	✓	10.0	10.0	99.5
p1 Cal 6-250ng	6	✓	25.0	25.7	103.0
p1 Cal 7-500ng	7	✓	50.0	50.8	101.6
p1 Cal 8-1000ng	8	✓	100.0	98.9	98.9

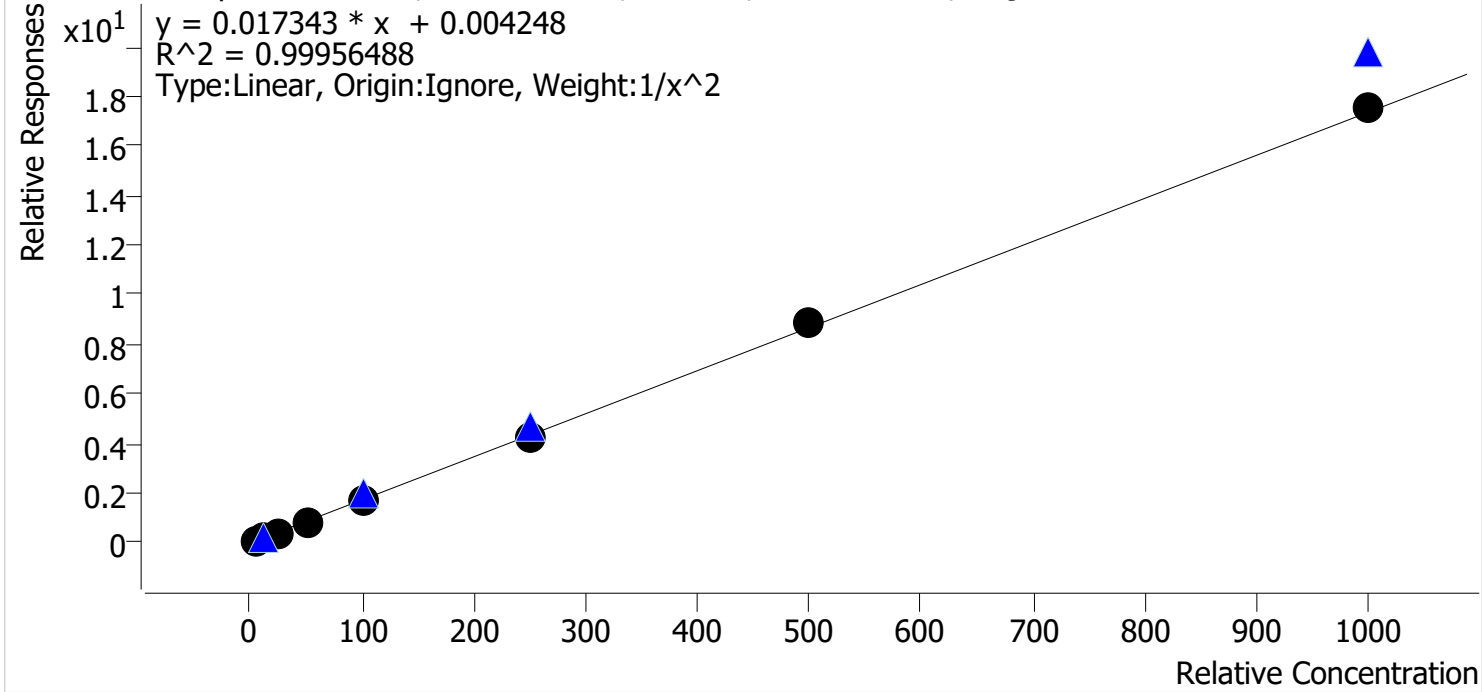
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 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	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	509.2	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1011.4	101.1

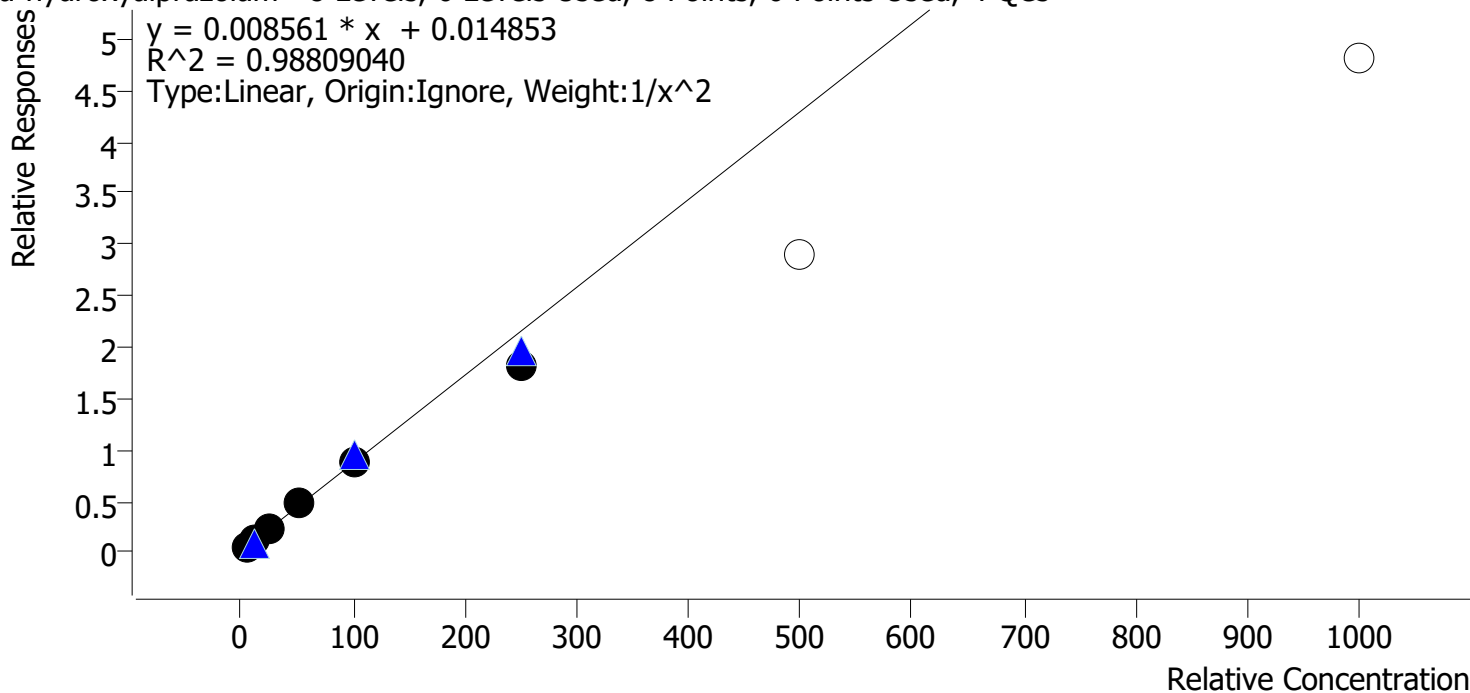
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.4
p1 Cal 2-10ng	2	✓	10.0	10.9	108.9
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	211.4	84.6
p1 Cal 7-500ng	7	x	500.0	335.3	67.1
p1 Cal 8-1000ng	8	x	1000.0	560.3	56.0

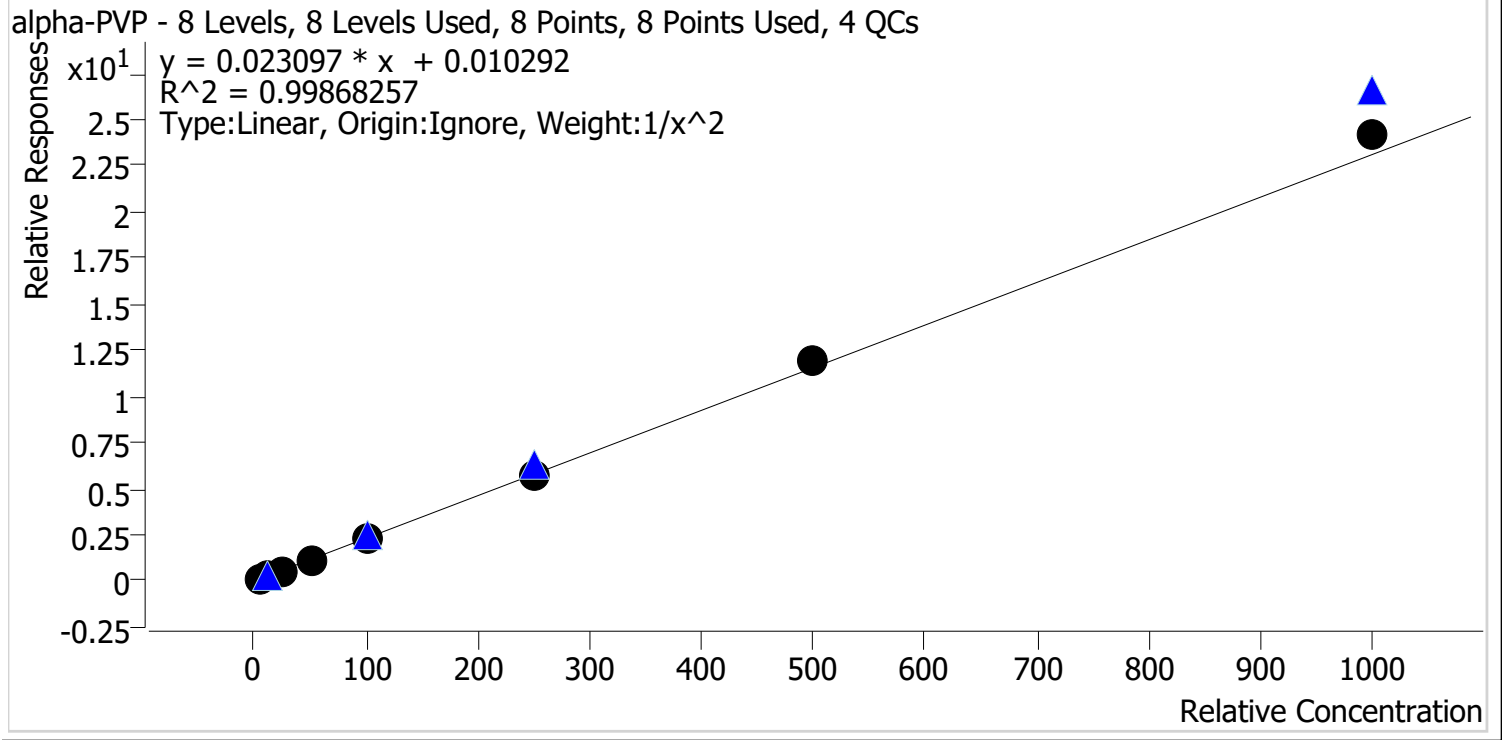
Cal 7 & 8 dropped due to accuracy.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	518.9	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1042.9	104.3

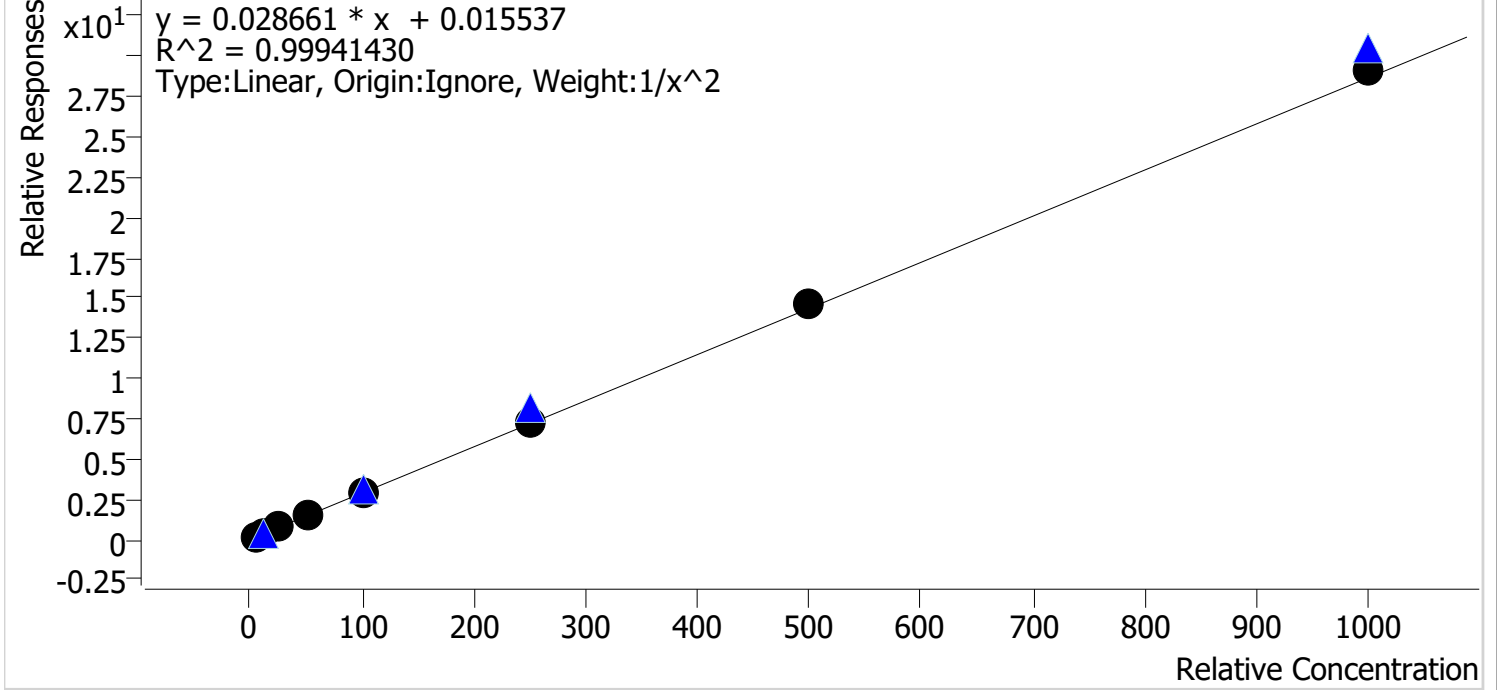


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	511.8	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1014.8	101.5

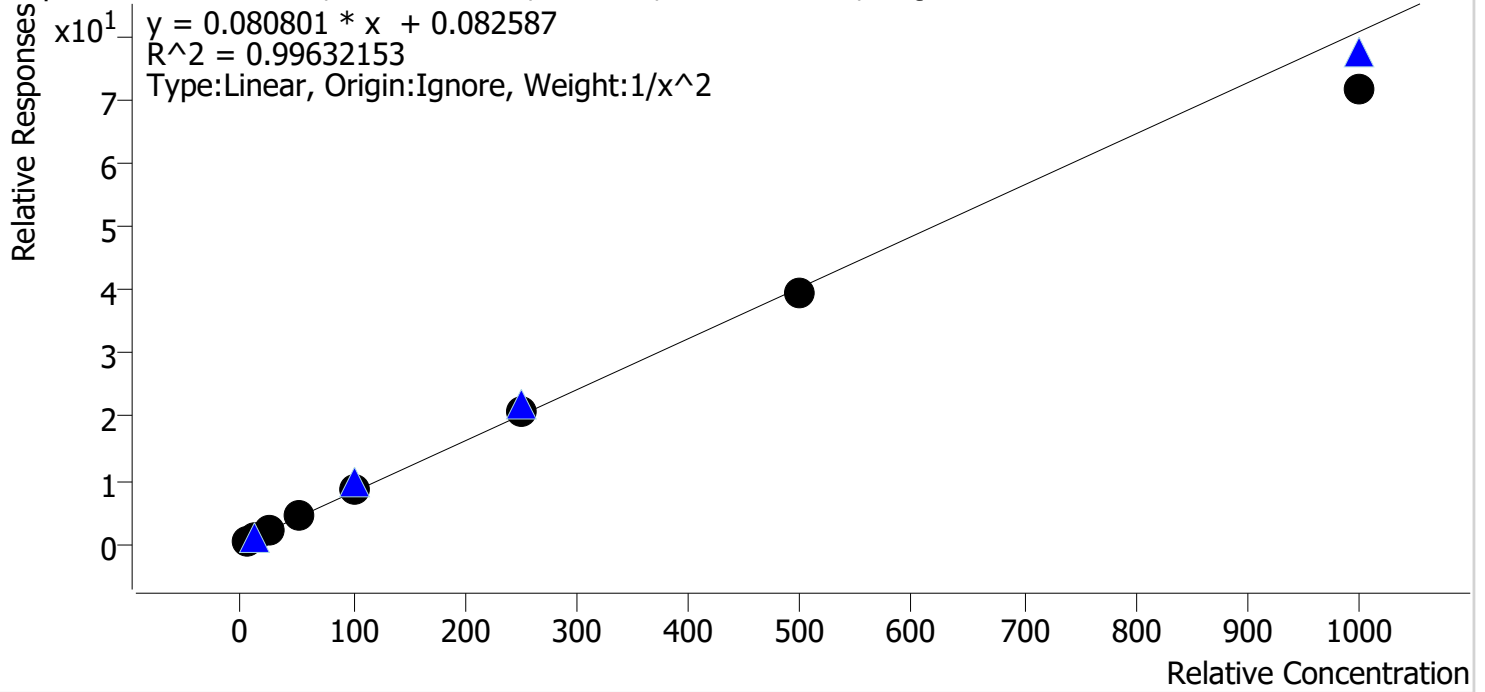


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	488.0	97.6
p1 Cal 8-1000ng	8	✓	1000.0	888.4	88.8

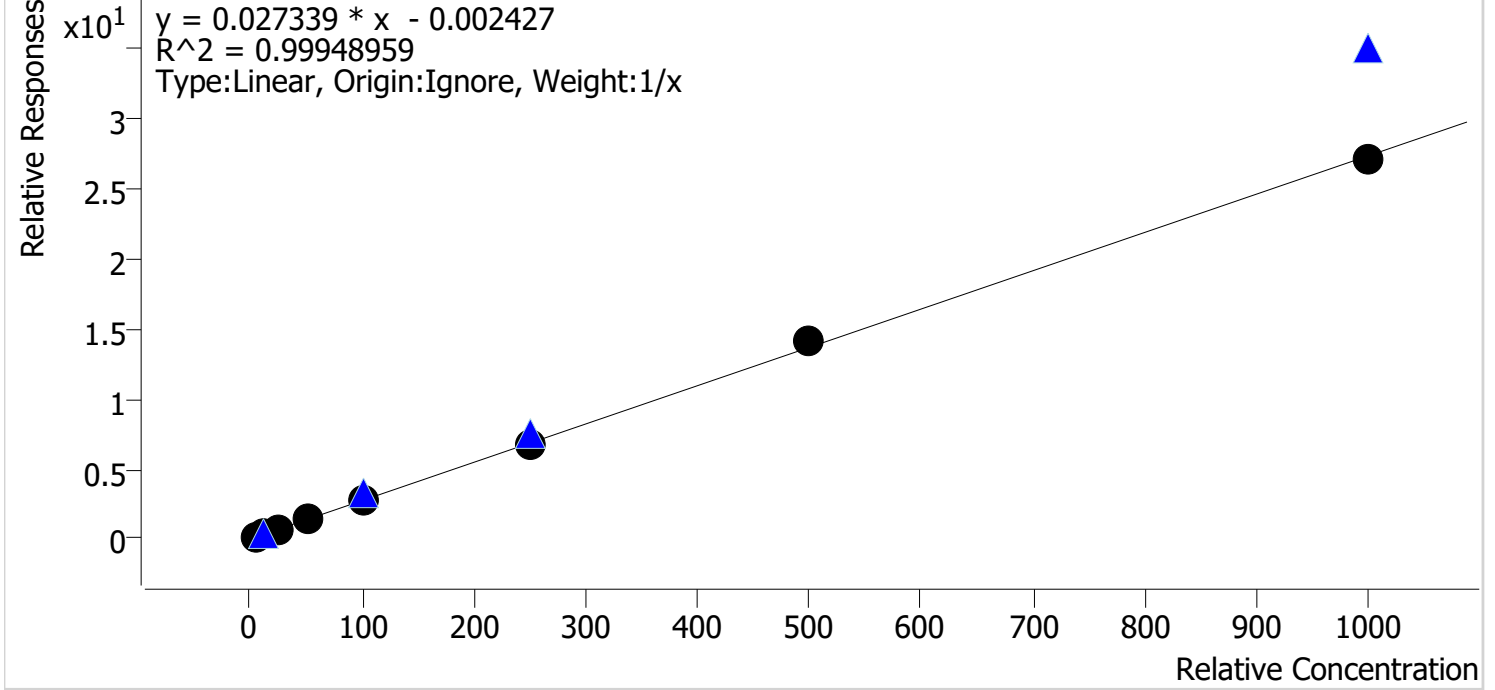


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
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	5.6	113.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.7
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	244.3	97.7
p1 Cal 7-500ng	7	✓	500.0	513.9	102.8
p1 Cal 8-1000ng	8	✓	1000.0	995.2	99.5

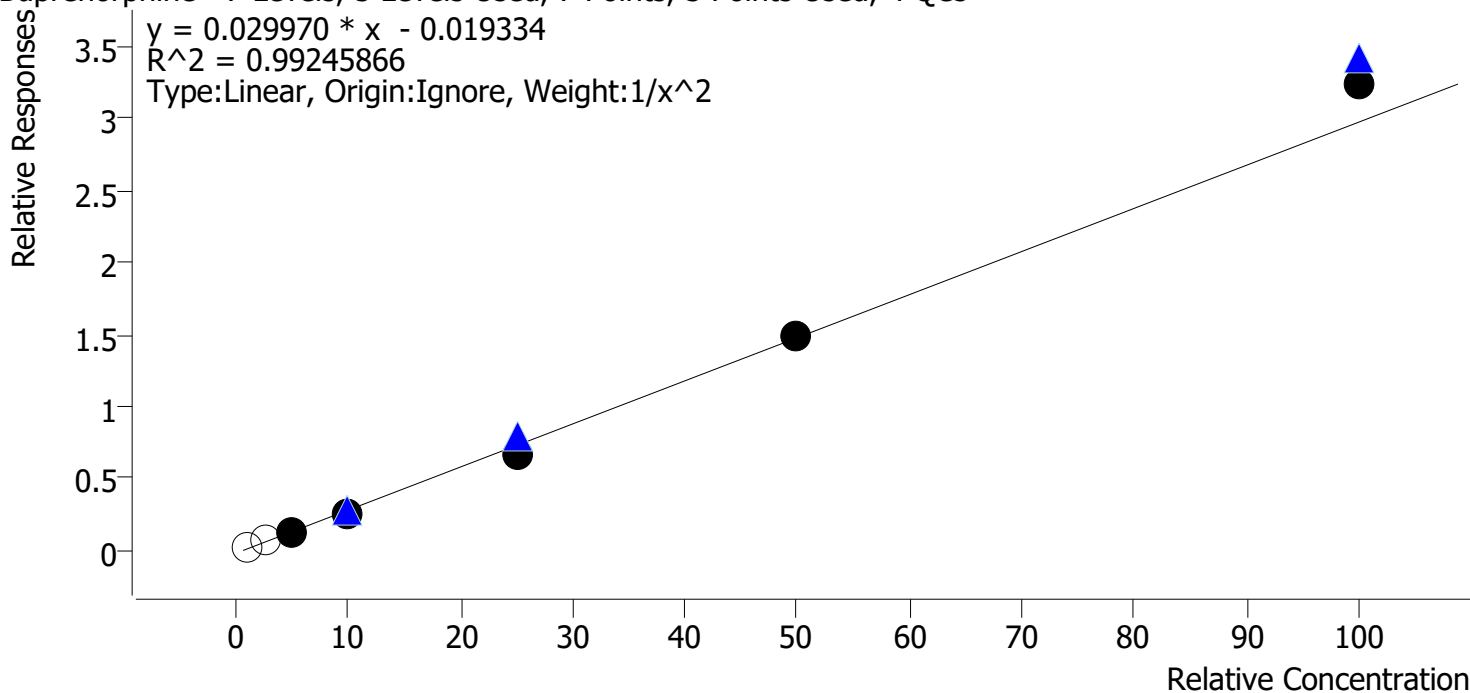


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 7 Levels, 5 Levels Used, 7 Points, 5 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2-10ng	2	x	1.0	1.6	163.3
p1 Cal 3 -25ng	3	x	2.5	2.9	117.7
p1 Cal 4-50ng	4	✓	5.0	5.2	103.6
p1 Cal 5-100ng	5	✓	10.0	9.5	95.0
p1 Cal 6-250ng	6	✓	25.0	23.1	92.3
p1 Cal 7-500ng	7	✓	50.0	50.0	100.0
p1 Cal 8-1000ng	8	✓	100.0	109.1	109.1

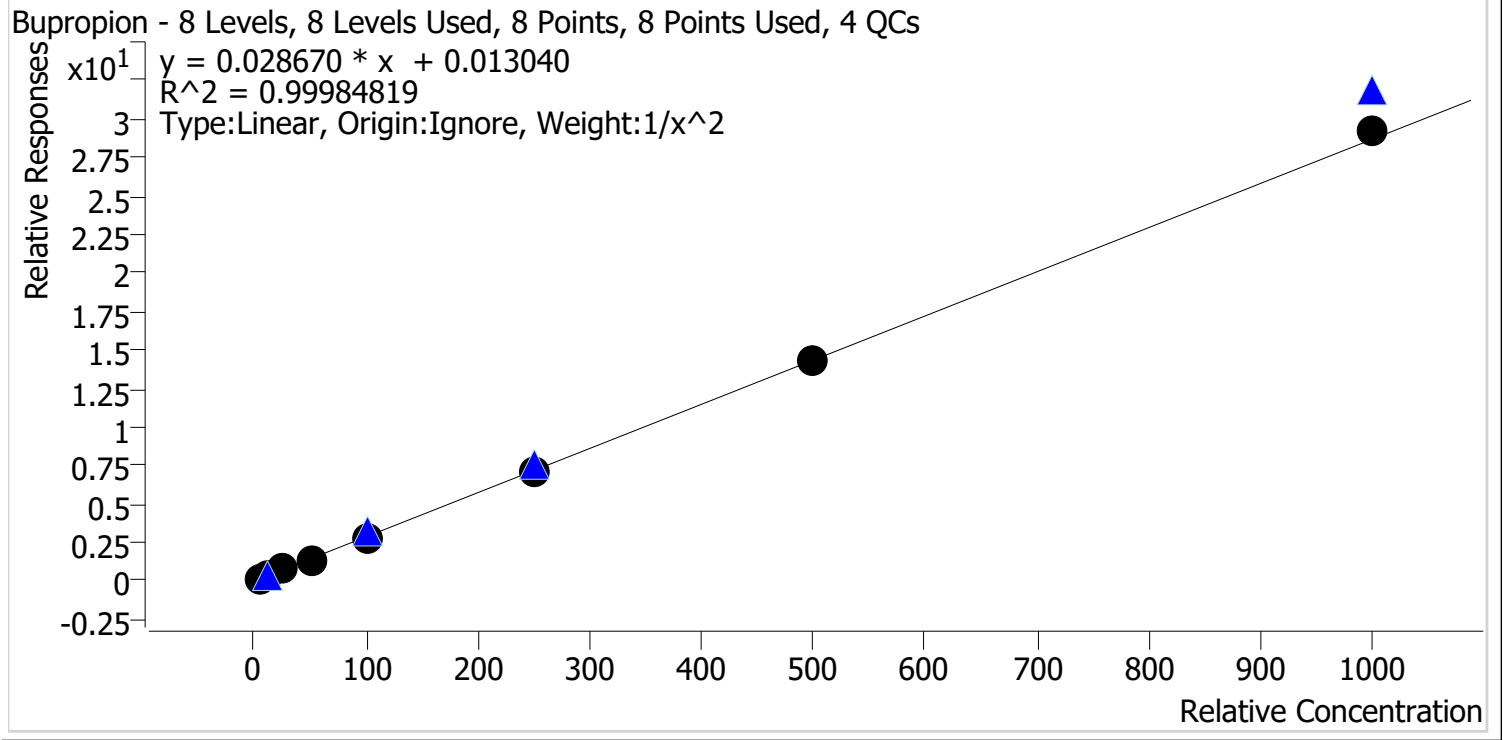
Cal 1 dropped due to peak shape.
 Cal 2 & 3 dropped due to ratio of cal 3.



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	501.1	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1023.0	102.3

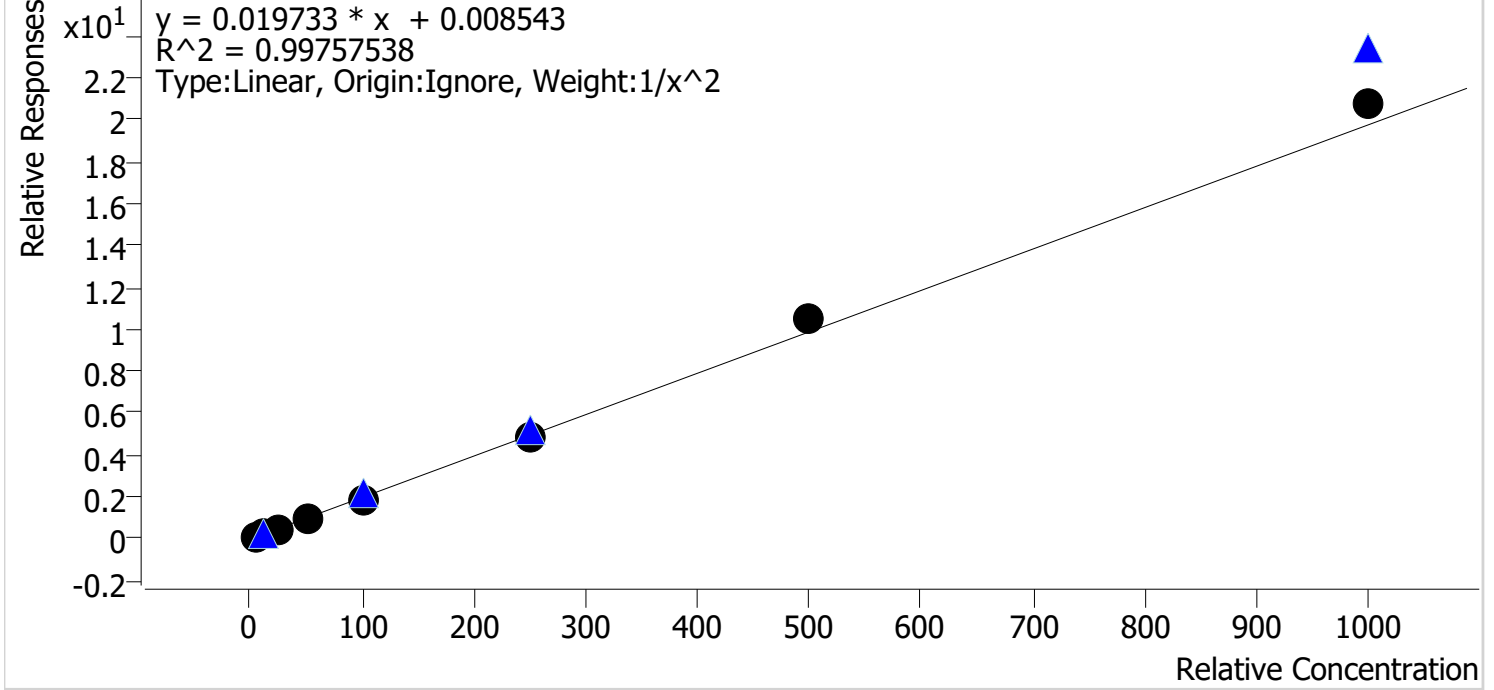


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	47.3	94.5
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	245.9	98.3
p1 Cal 7-500ng	7	✓	500.0	533.1	106.6
p1 Cal 8-1000ng	8	✓	1000.0	1054.1	105.4

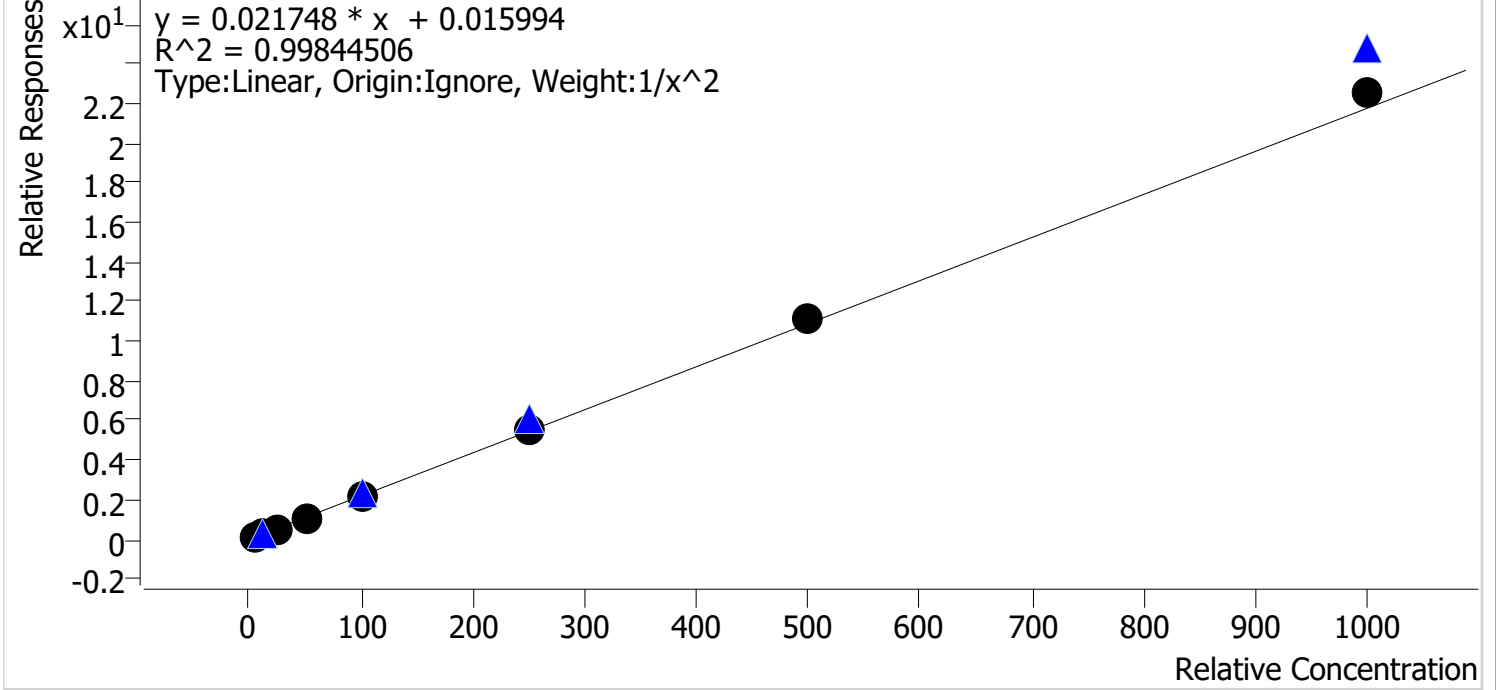


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



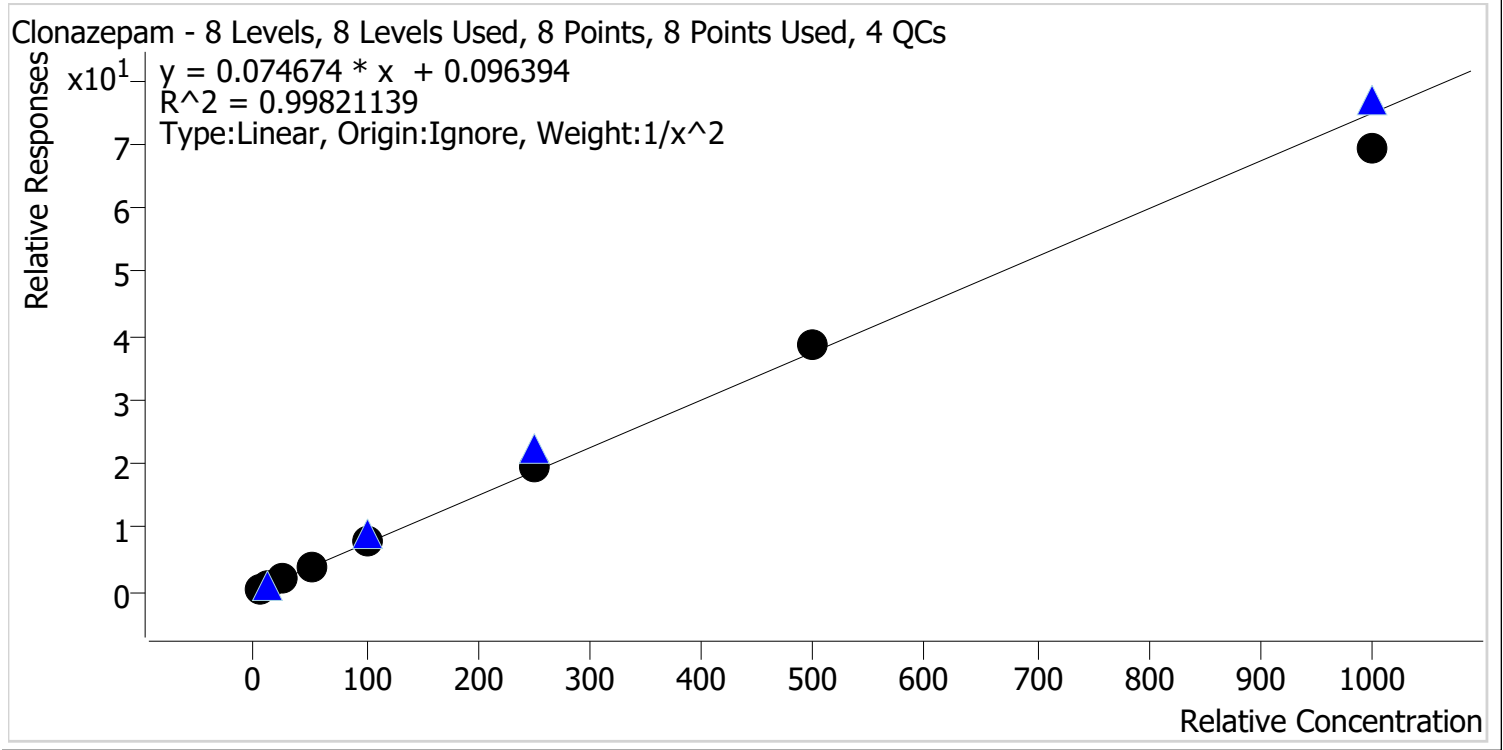
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.5	94.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	48.5	96.9
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	512.4	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1040.5	104.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.0
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	257.3	102.9
p1 Cal 7-500ng	7	✓	500.0	513.0	102.6
p1 Cal 8-1000ng	8	✓	1000.0	930.0	93.0

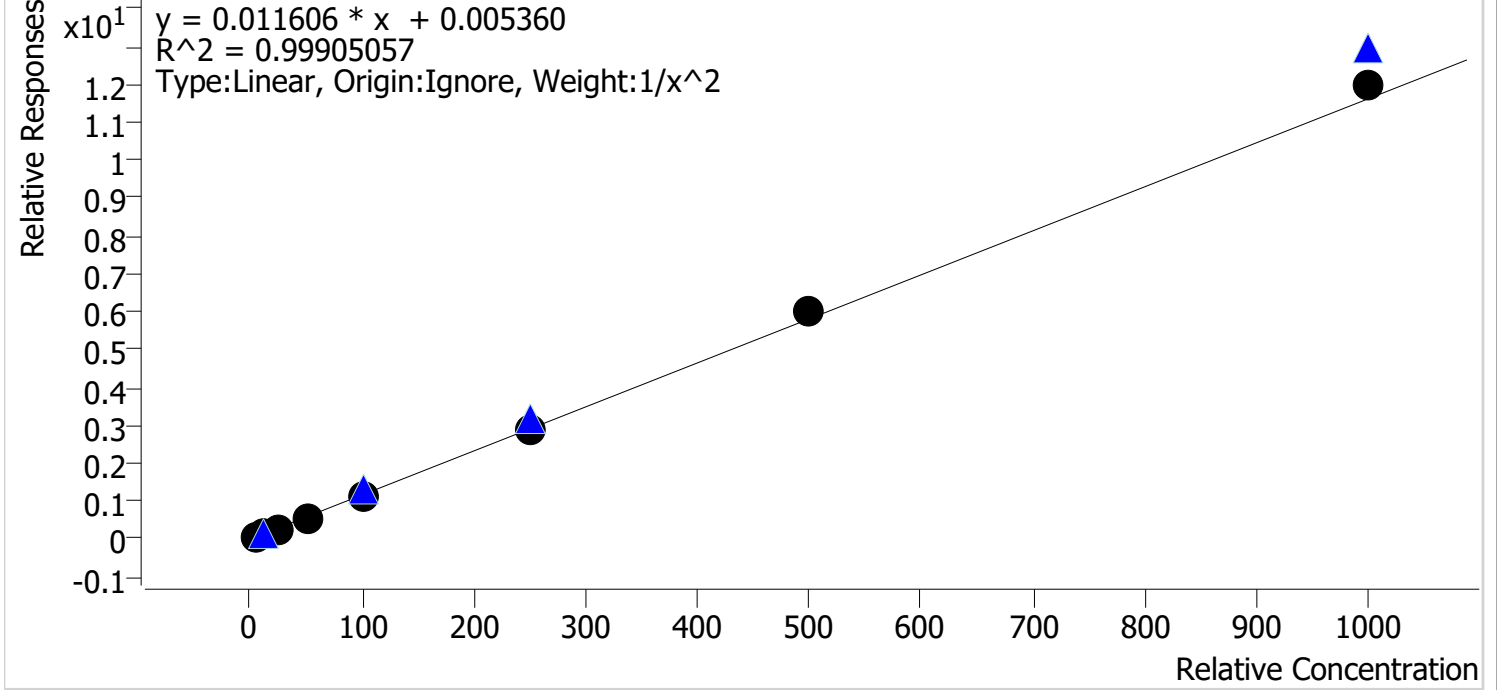


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/20/2021 10:08 AM
 Analyst Name ISP\datastor
 Analyte Cocaine Internal Standard Cocaine-d3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	518.2	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1032.7	103.3

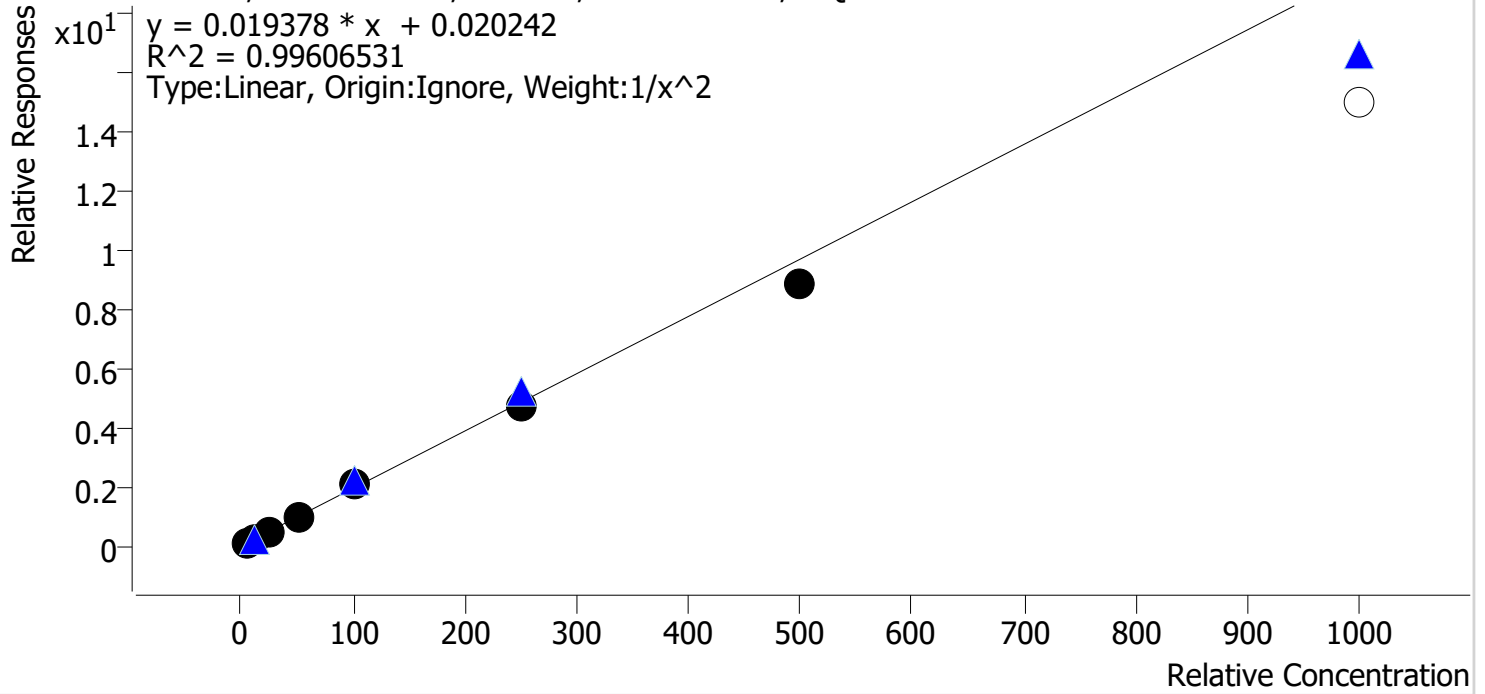


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/20/2021 10:08 AM
 Analyst Name ISP\datastor
 Analyte Codeine Internal Standard Codeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
p1 Cal 6-250ng	6	✓	250.0	241.3	96.5
p1 Cal 7-500ng	7	✓	500.0	455.7	91.1
p1 Cal 8-1000ng	8	✗	1000.0	772.3	77.2

Cal 8 dropped due to accuracy.

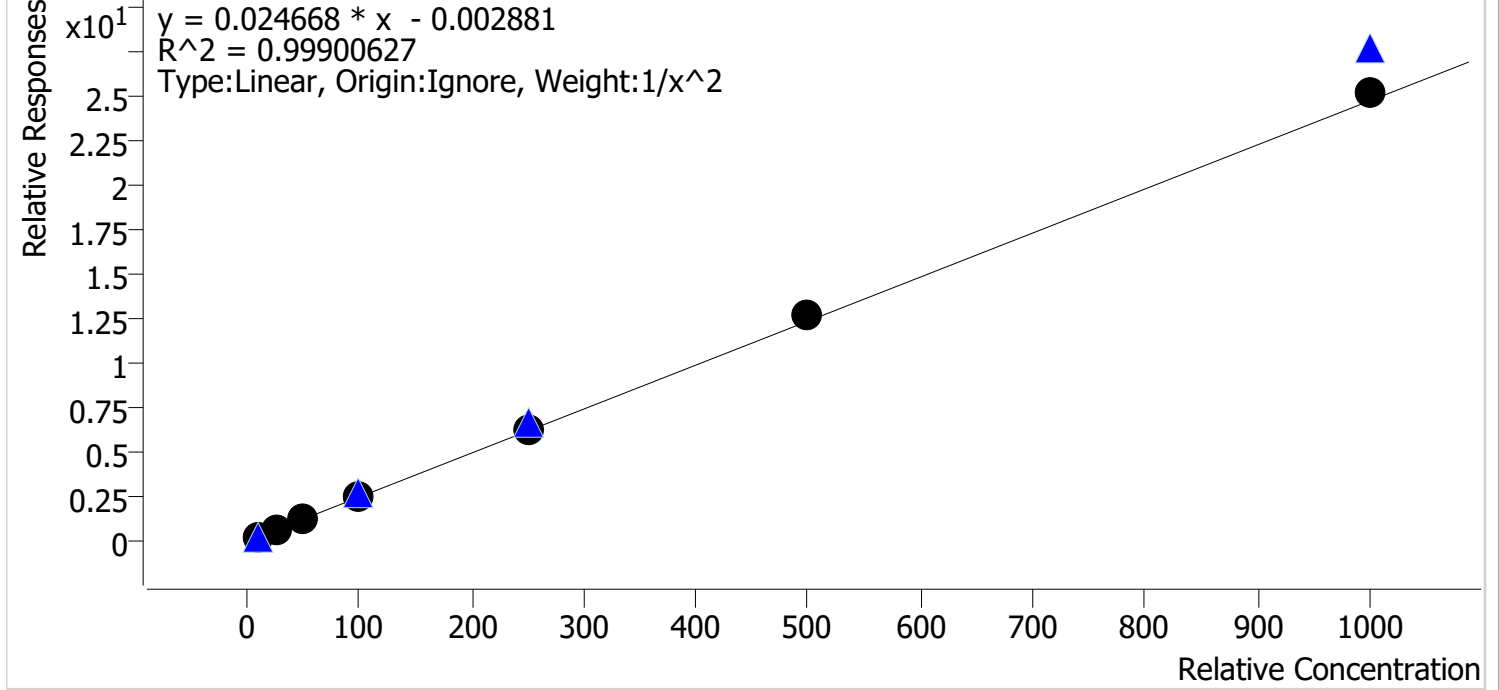


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	249.9	99.9
p1 Cal 7-500ng	7	✓	500.0	513.6	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1021.4	102.1

Cal 1 dropped due to missing qualifier peak.

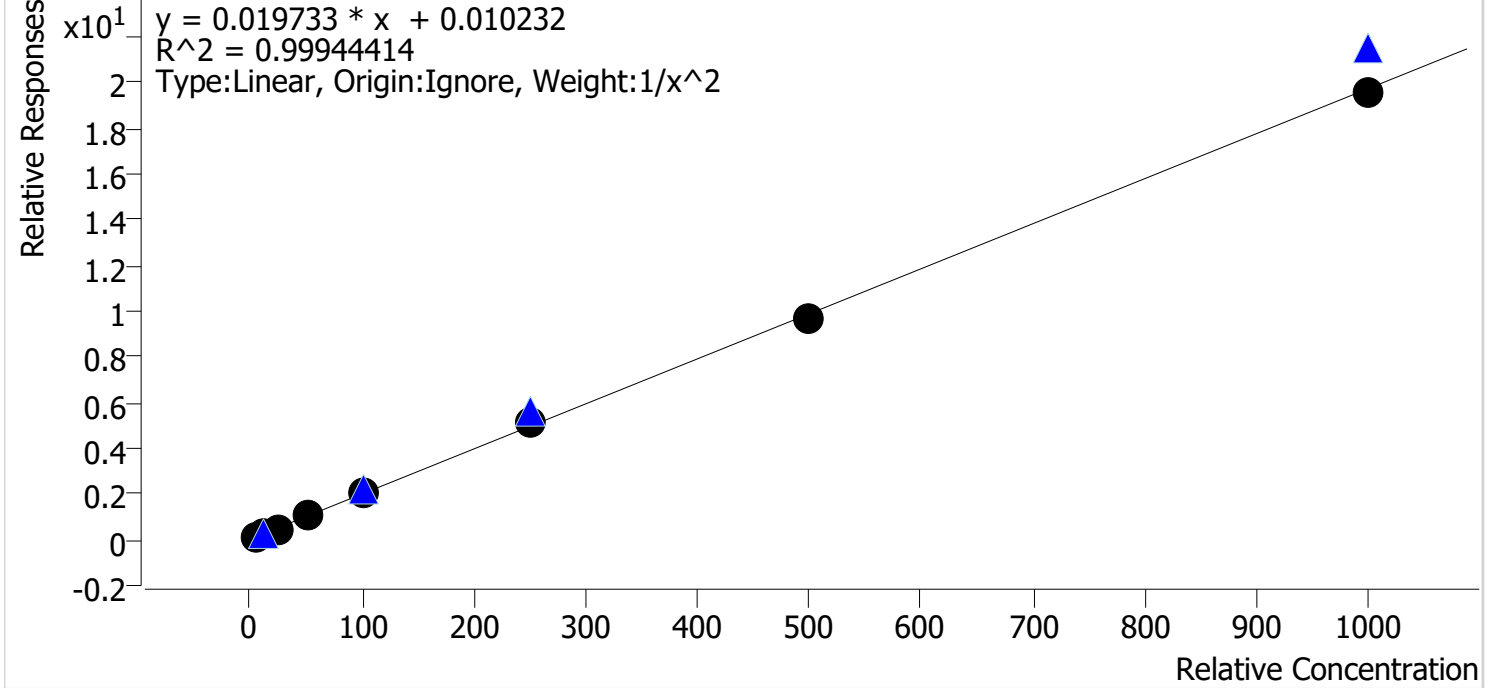


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



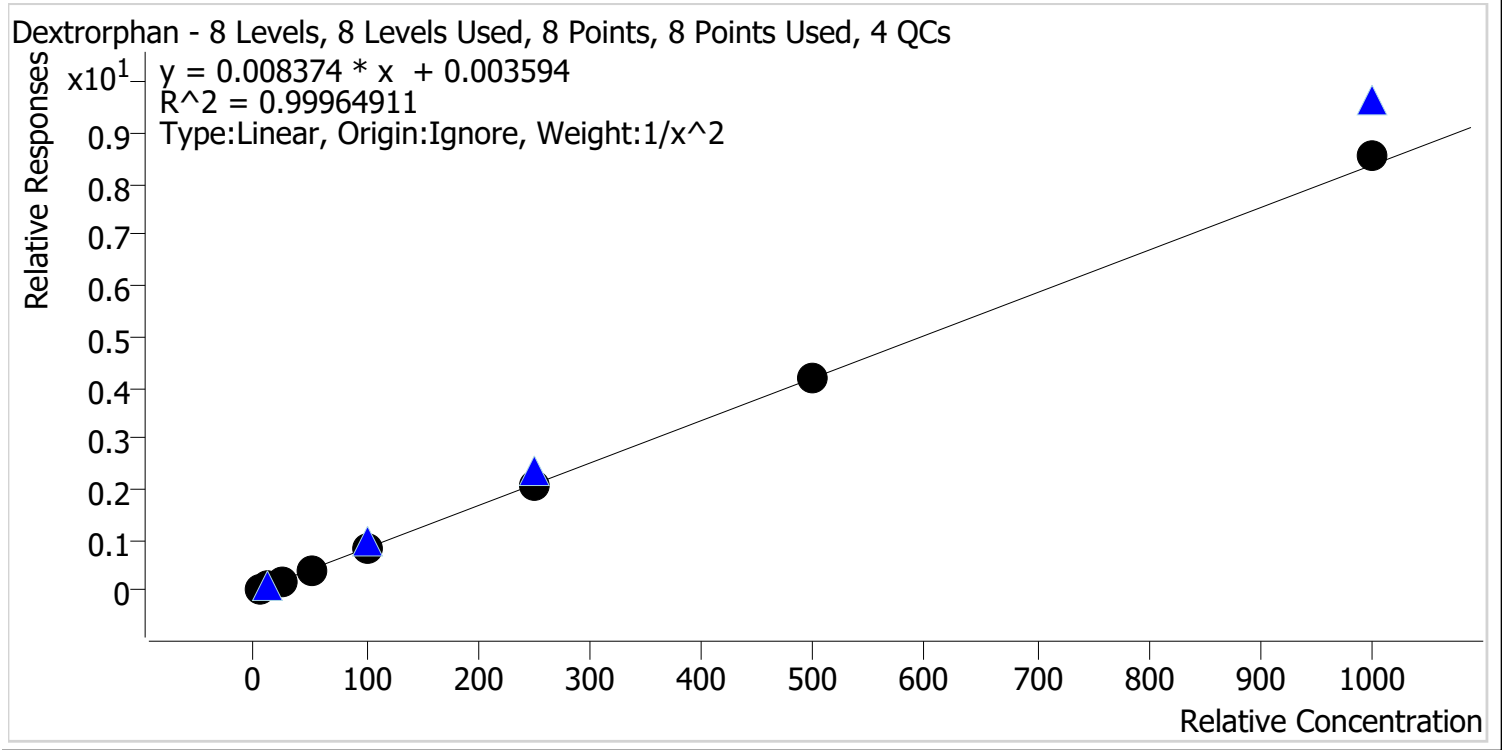
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	258.2	103.3
p1 Cal 7-500ng	7	✓	500.0	492.4	98.5
p1 Cal 8-1000ng	8	✓	1000.0	991.1	99.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



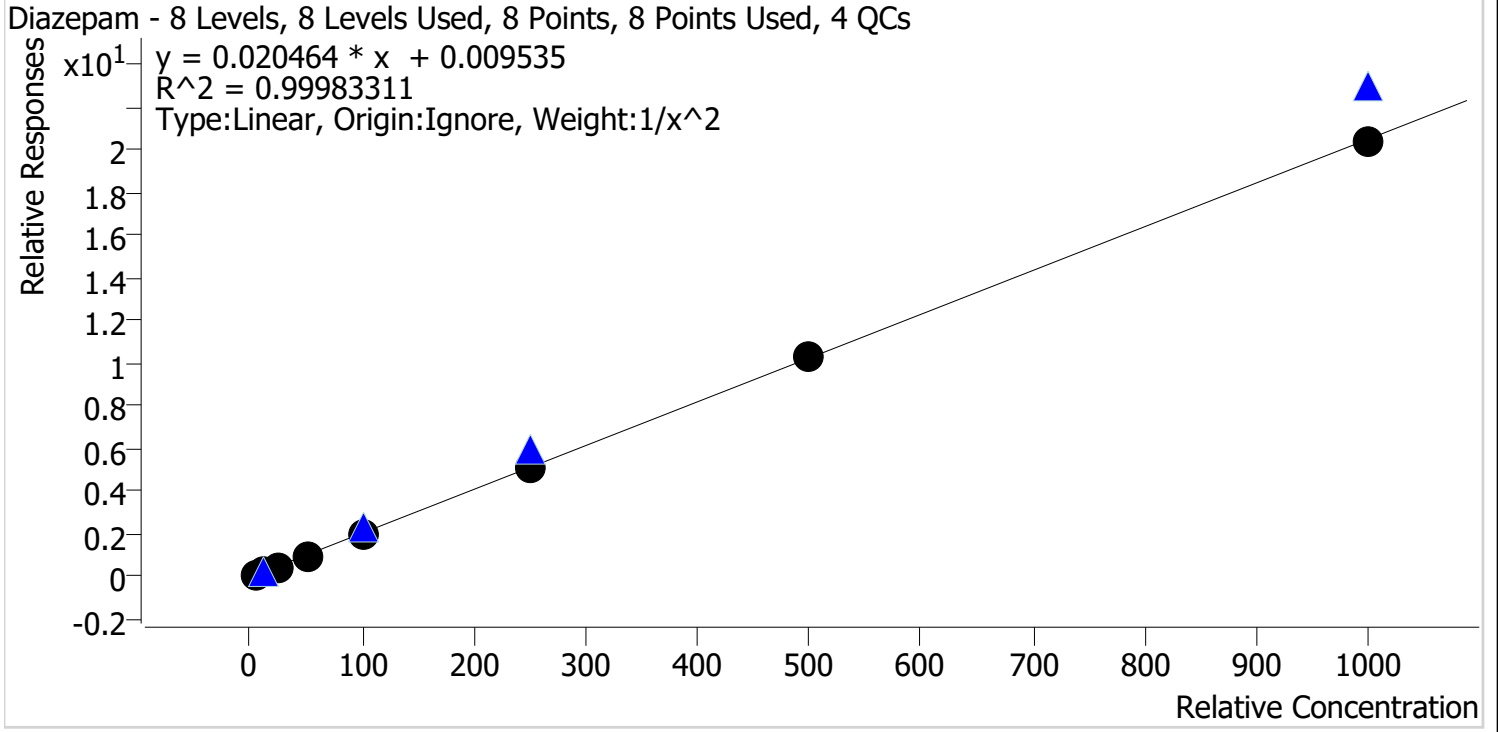
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	502.9	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1022.4	102.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/20/2021 10:08 AM
 Analyst Name ISP\datastor
 Analyte Diazepam Internal Standard Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	507.1	101.4
p1 Cal 8-1000ng	8	✓	1000.0	993.5	99.4

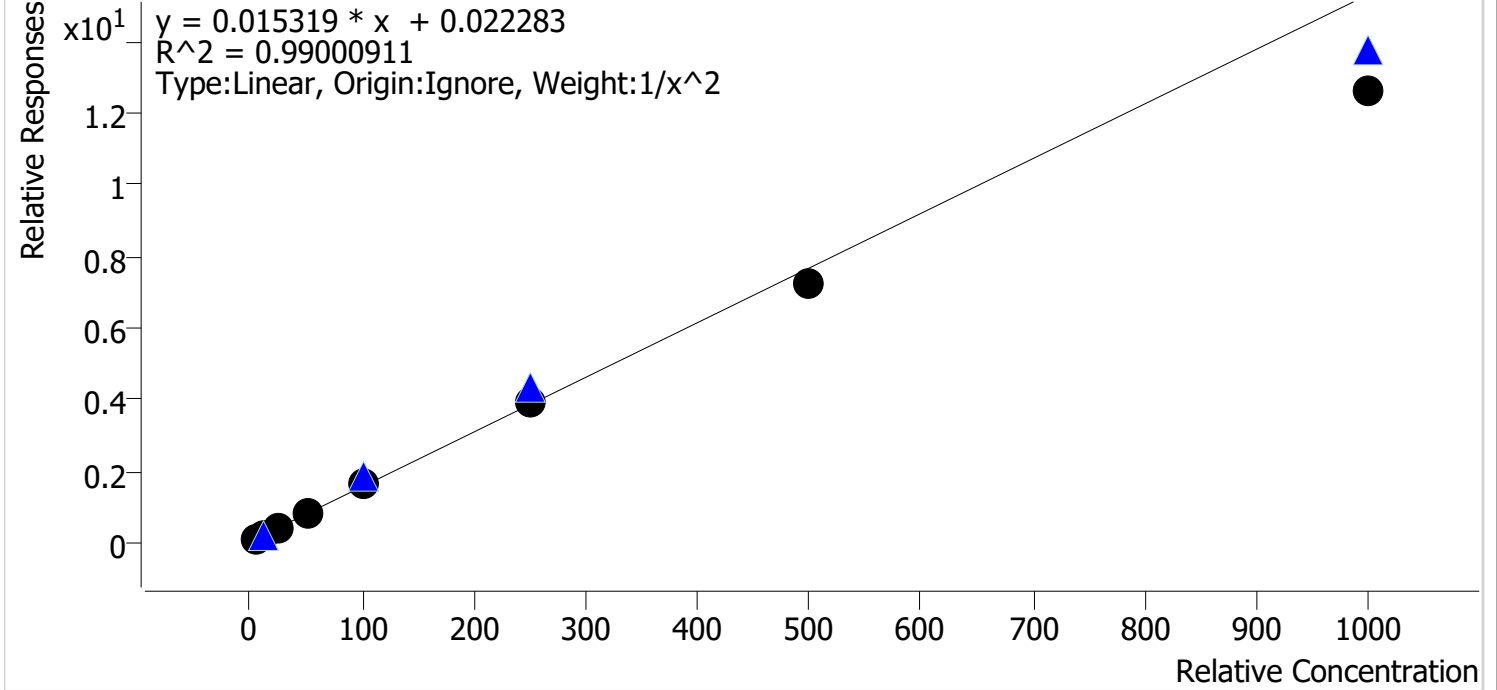


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	54.1	108.3
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	470.8	94.2
p1 Cal 8-1000ng	8	✓	1000.0	827.4	82.7

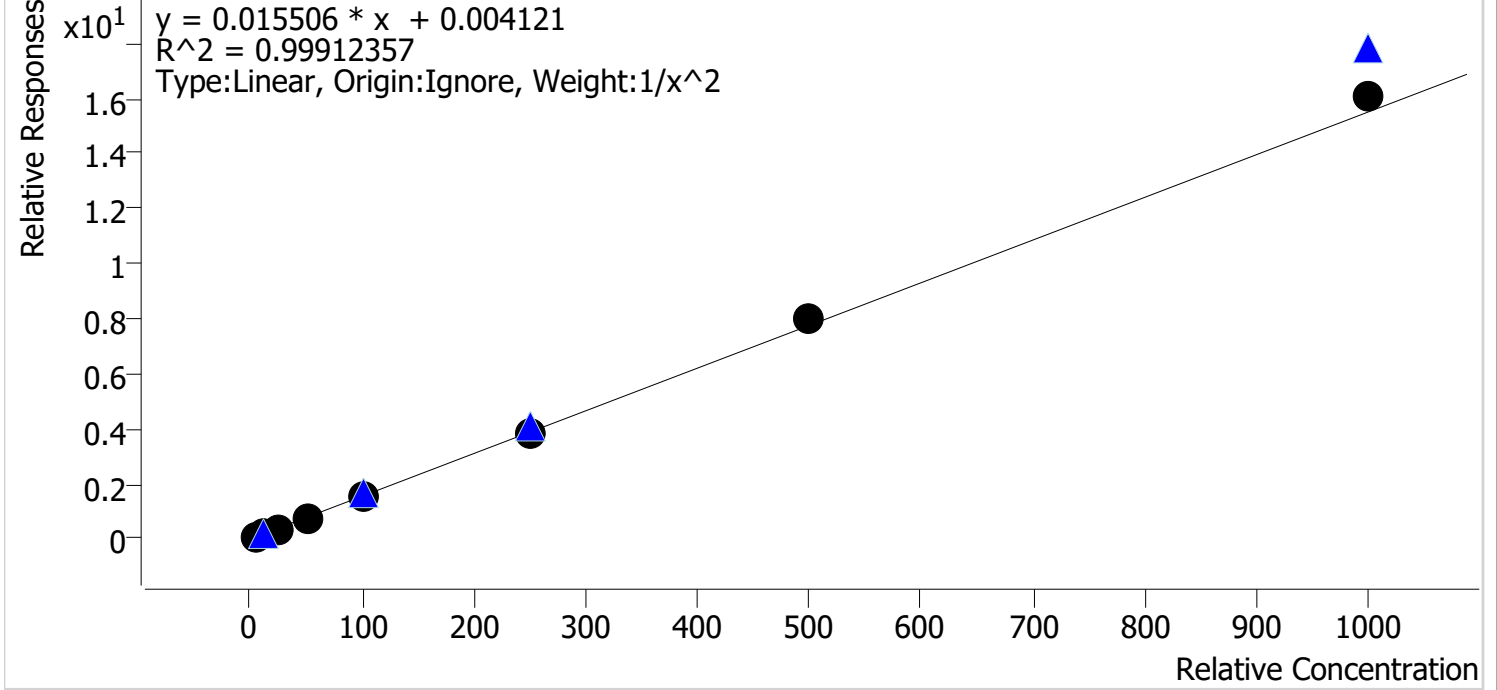


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	512.5	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1038.5	103.8

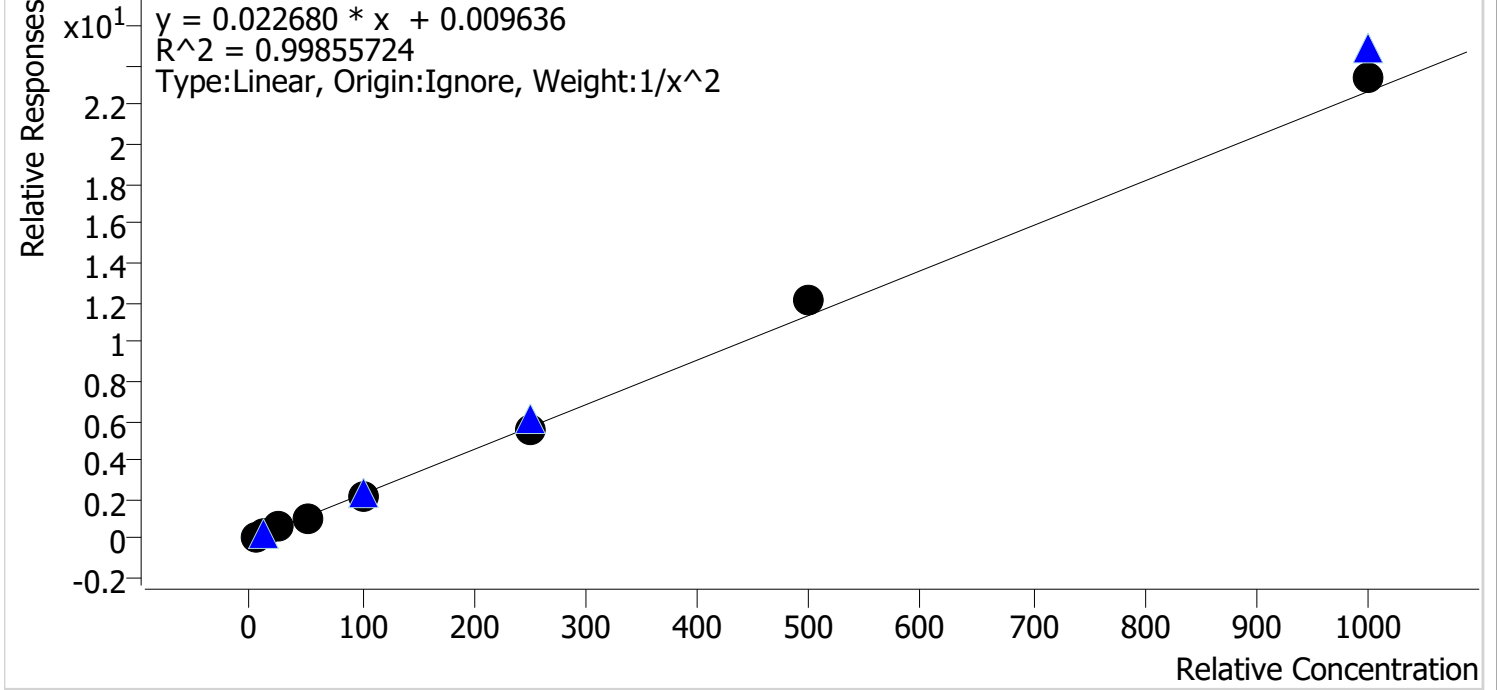


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	531.1	106.2
p1 Cal 8-1000ng	8	✓	1000.0	1029.7	103.0

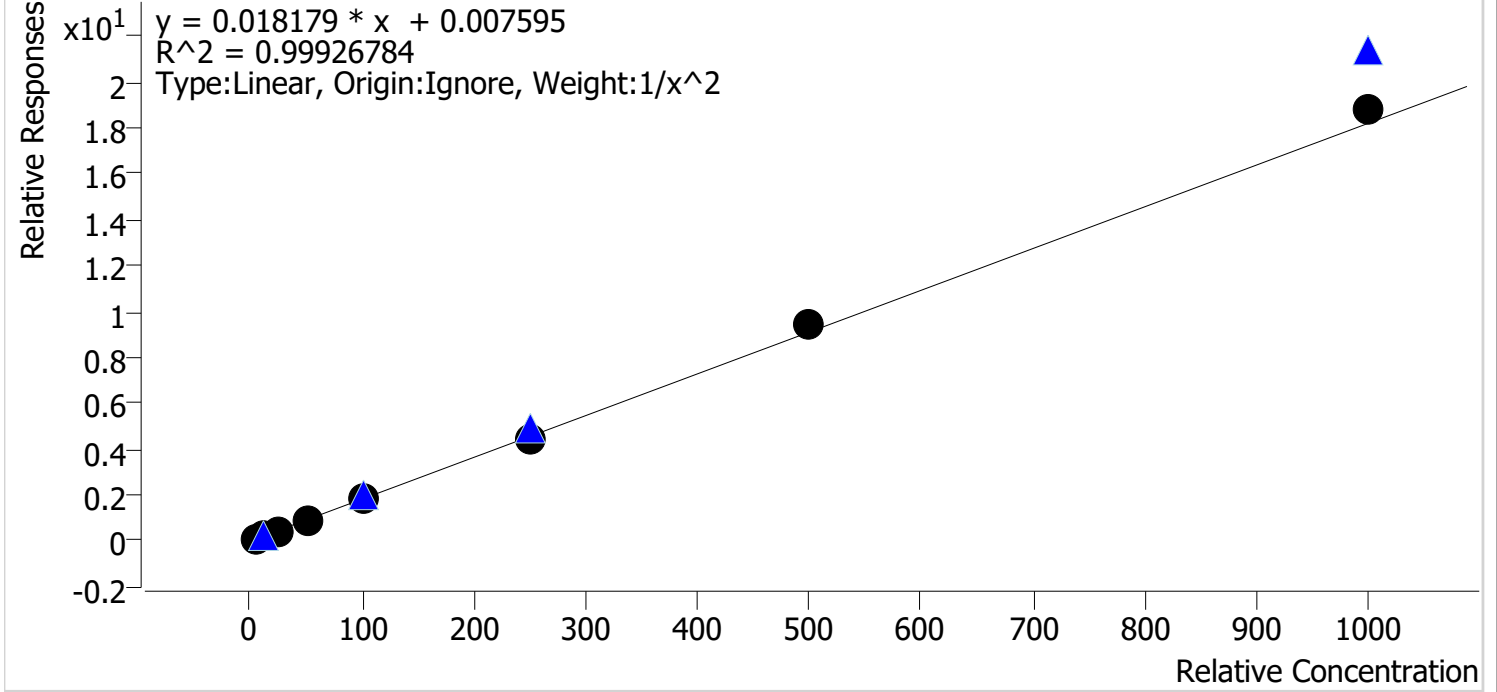


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



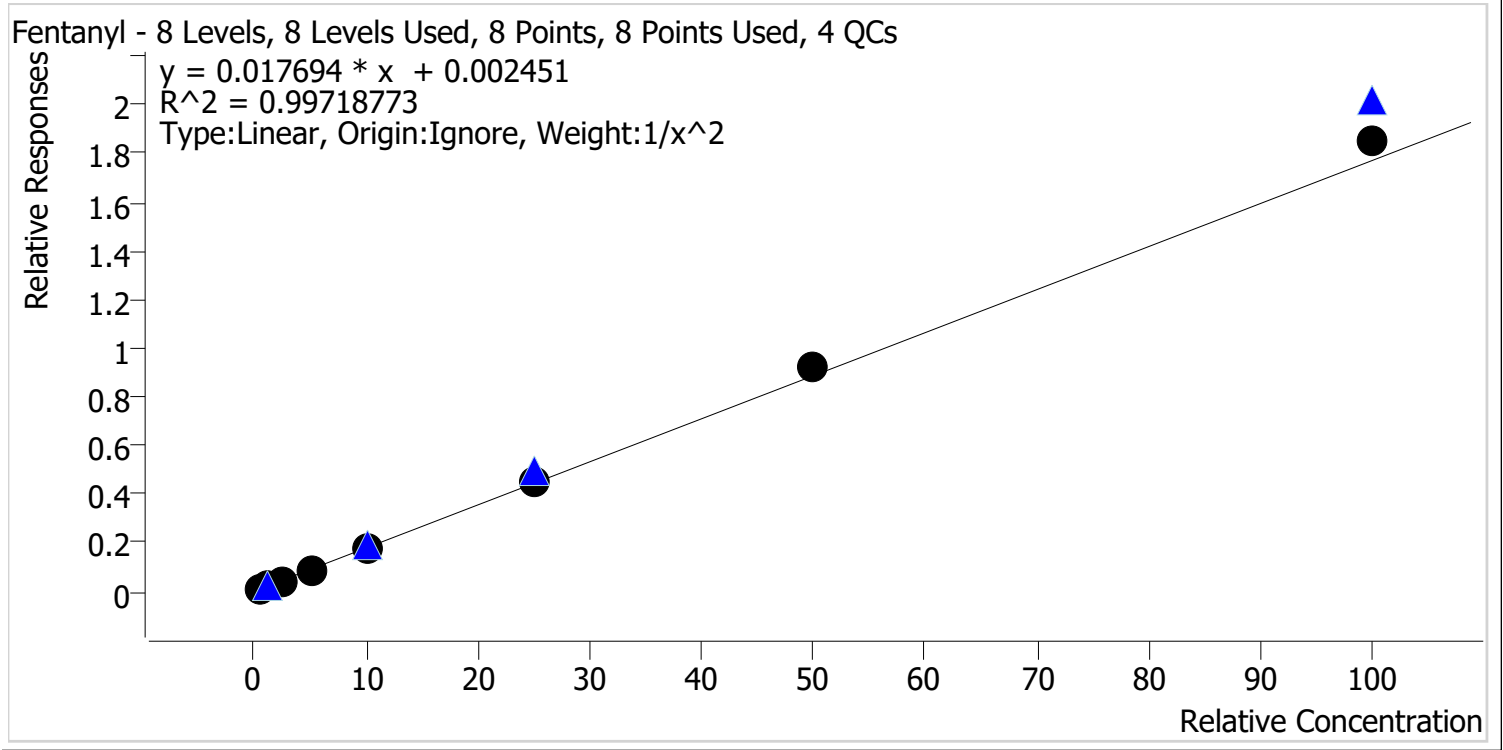
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	247.1	98.8
p1 Cal 7-500ng	7	✓	500.0	515.5	103.1
p1 Cal 8-1000ng	8	✓	1000.0	1034.9	103.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.0
p1 Cal 2-10ng	2	✓	1.0	0.9	91.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.6
p1 Cal 4-50ng	4	✓	5.0	4.9	97.2
p1 Cal 5-100ng	5	✓	10.0	9.9	99.5
p1 Cal 6-250ng	6	✓	25.0	25.6	102.3
p1 Cal 7-500ng	7	✓	50.0	51.6	103.3
p1 Cal 8-1000ng	8	✓	100.0	104.4	104.4

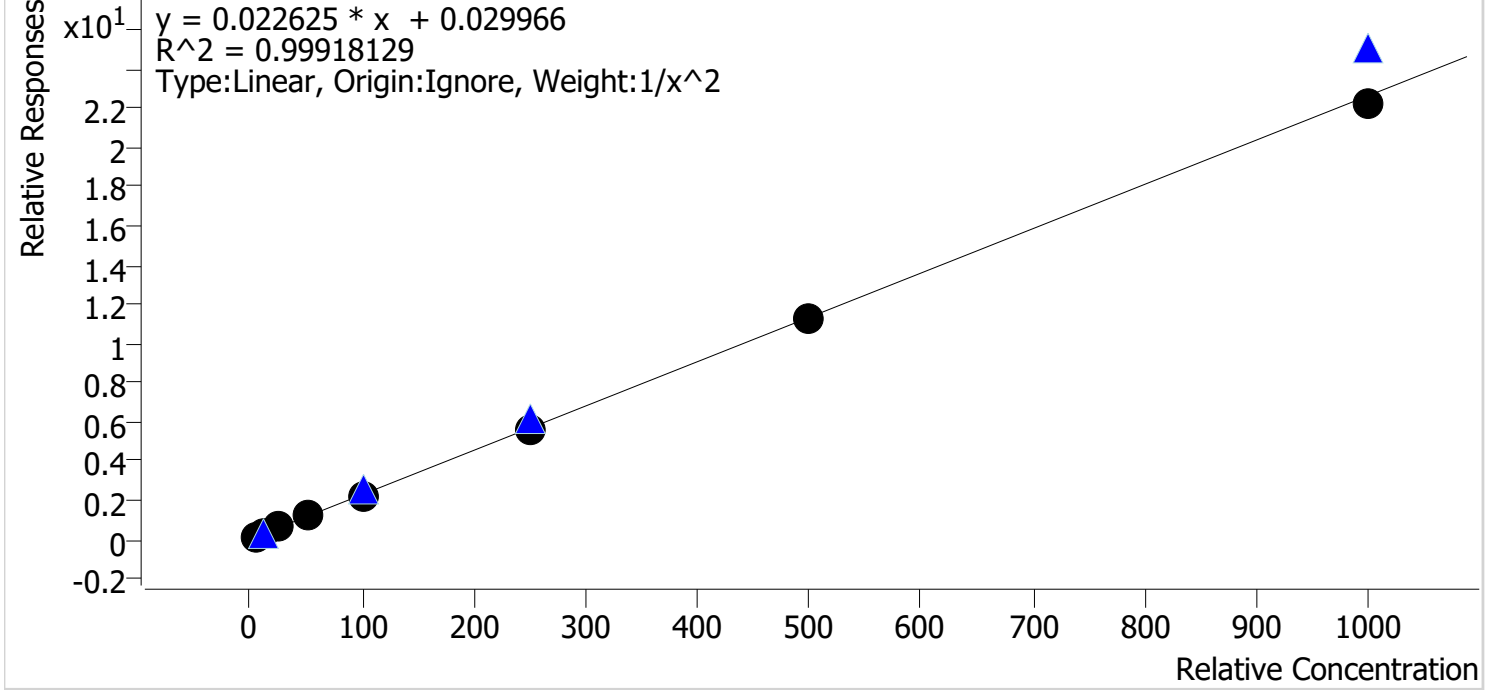


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/20/2021 10:08 AM
 Analyst Name ISP\datastor
 Analyte Fluoxetine Internal Standard Fluoxetine-D6

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



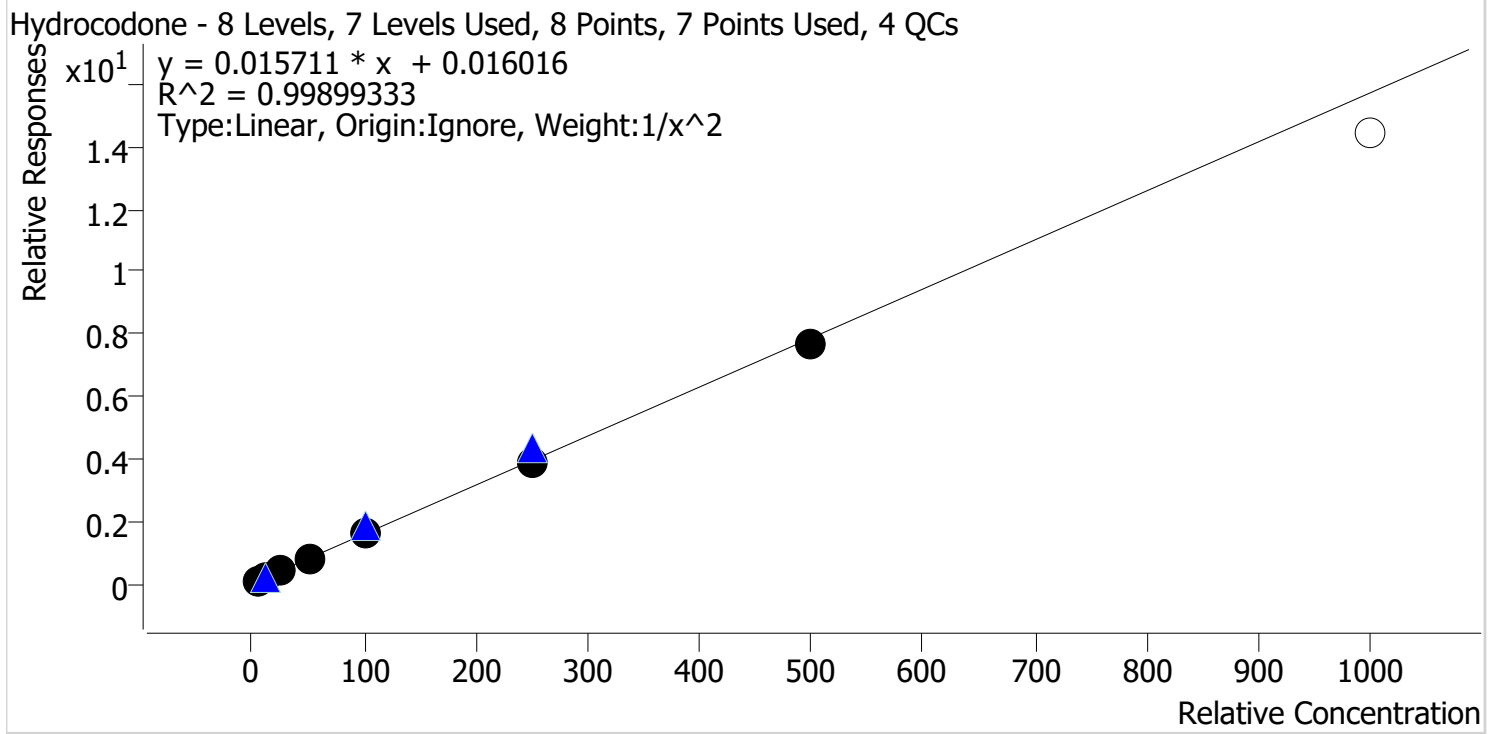
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	500.2	100.0
p1 Cal 8-1000ng	8	✓	1000.0	980.1	98.0



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/20/2021 10:08 AM
 Analyst Name ISP\datastor
 Analyte Hydrocodone Internal Standard Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	243.3	97.3
p1 Cal 7-500ng	7	✓	500.0	488.8	97.8
p1 Cal 8-1000ng	8	x	1000.0	919.0	91.9

Cal 8 dropped due to accuracy.

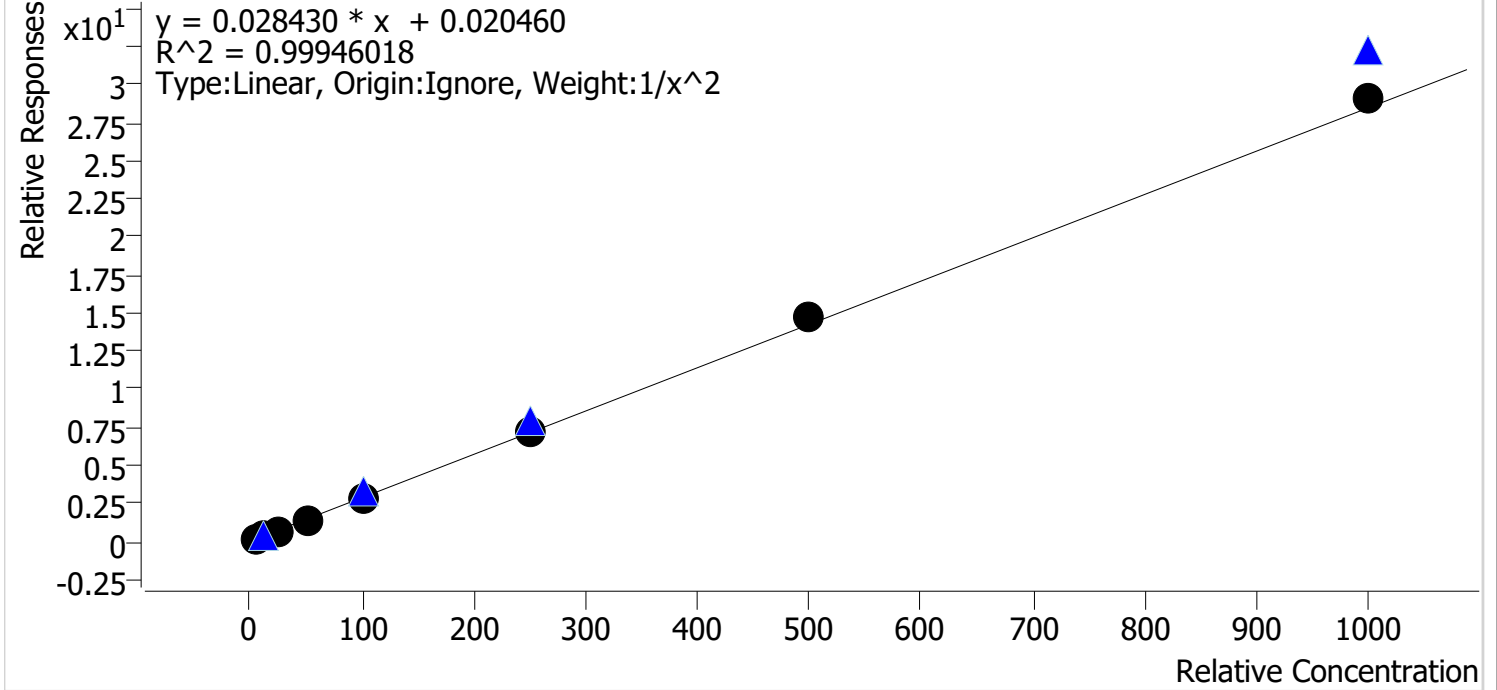


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



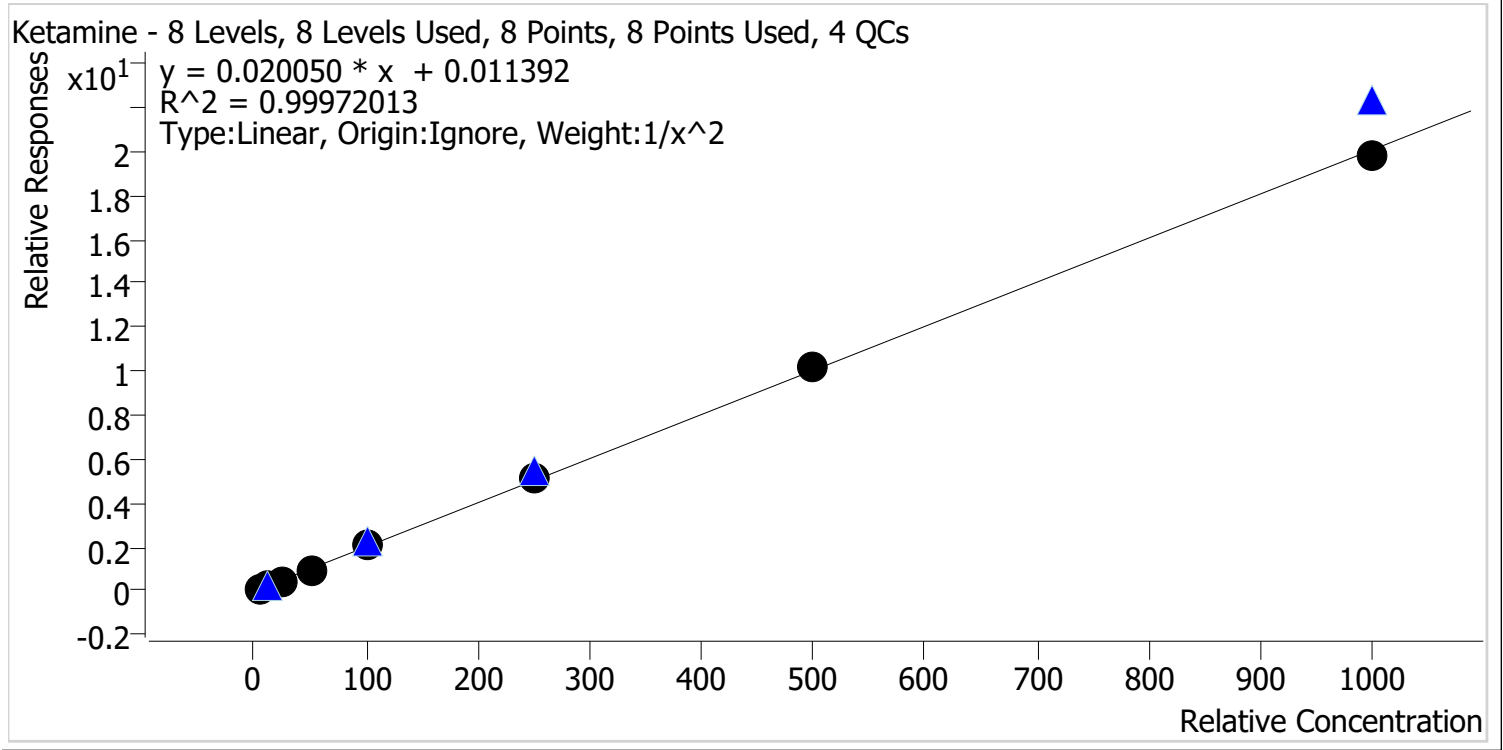
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	514.7	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1021.3	102.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



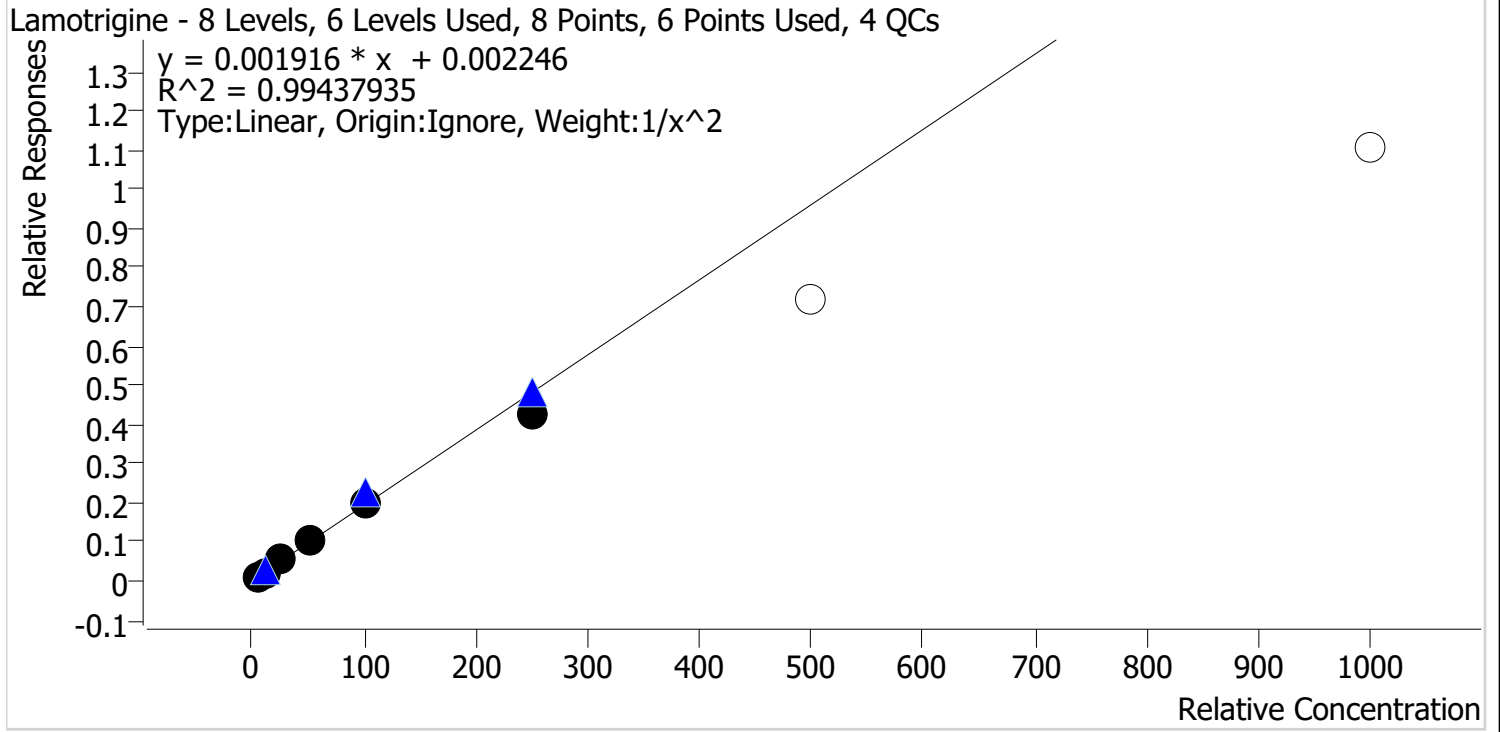
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	505.6	101.1
p1 Cal 8-1000ng	8	✓	1000.0	988.8	98.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/20/2021 10:08 AM
 Analyst Name ISP\datastor
 Analyte Lamotrigine Internal Standard Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	222.4	89.0
p1 Cal 7-500ng	7	✗	500.0	371.9	74.4
p1 Cal 8-1000ng	8	✗	1000.0	577.8	57.8

Cal 7 & 8 dropped due to accuracy.

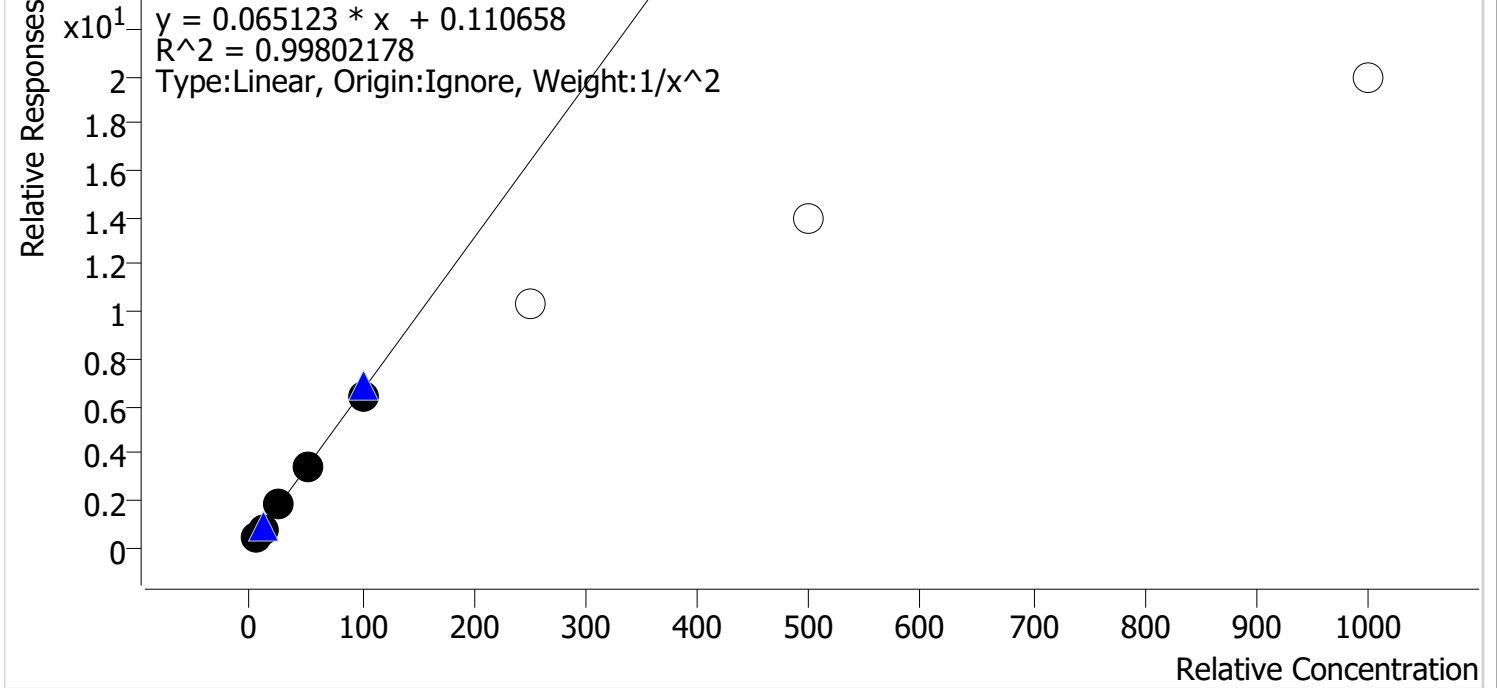


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/20/2021 10:08 AM
 Analyst Name ISP\datastor
 Analyte Lorazepam Internal Standard Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
p1 Cal 6-250ng	6	x	250.0	157.9	63.2
p1 Cal 7-500ng	7	x	500.0	213.6	42.7
p1 Cal 8-1000ng	8	x	1000.0	304.8	30.5

Cal 6, 7, & 8 dropped due to accuracy.

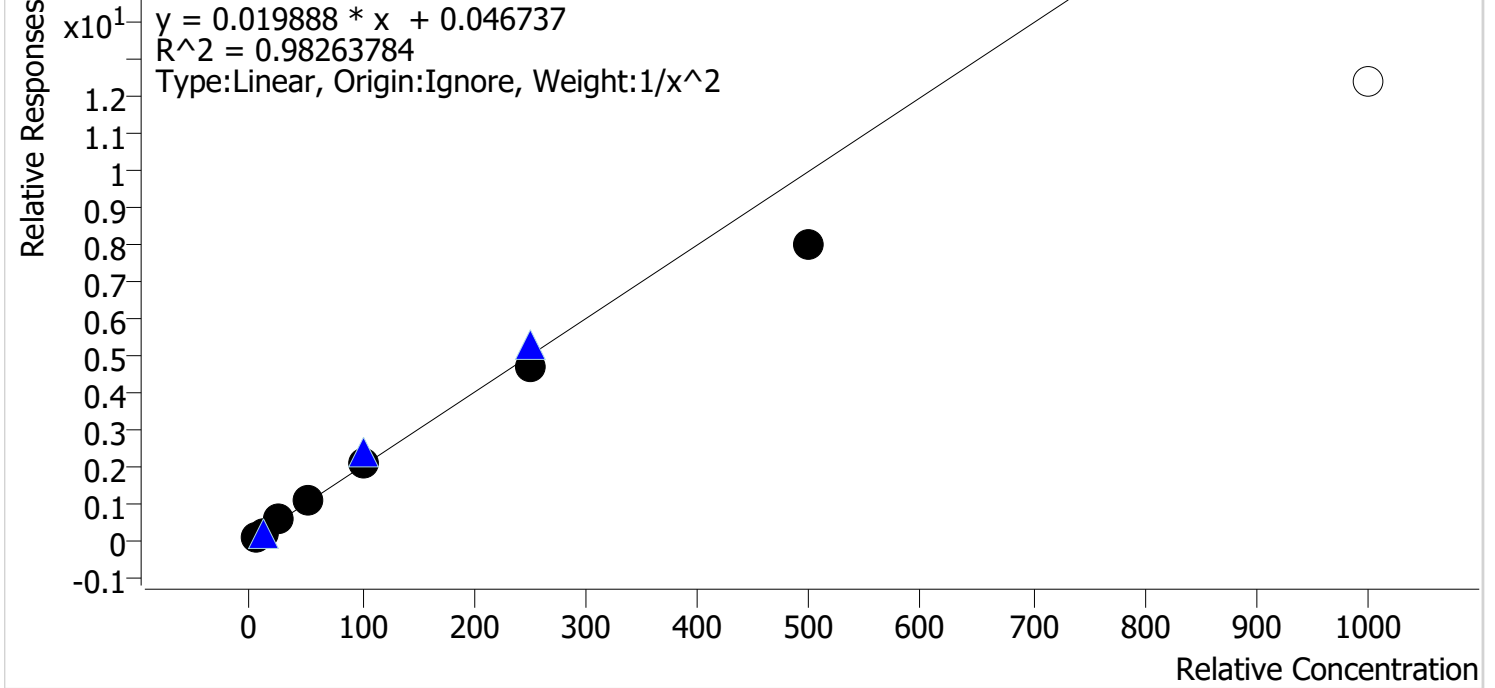


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

Meprobamate - 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	4.7	94.1
p1 Cal 2-10ng	2	✓	10.0	10.6	106.0
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng	4	✓	50.0	56.0	112.0
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	232.3	92.9
p1 Cal 7-500ng	7	✓	500.0	402.2	80.4
p1 Cal 8-1000ng	8	✗	1000.0	623.4	62.3

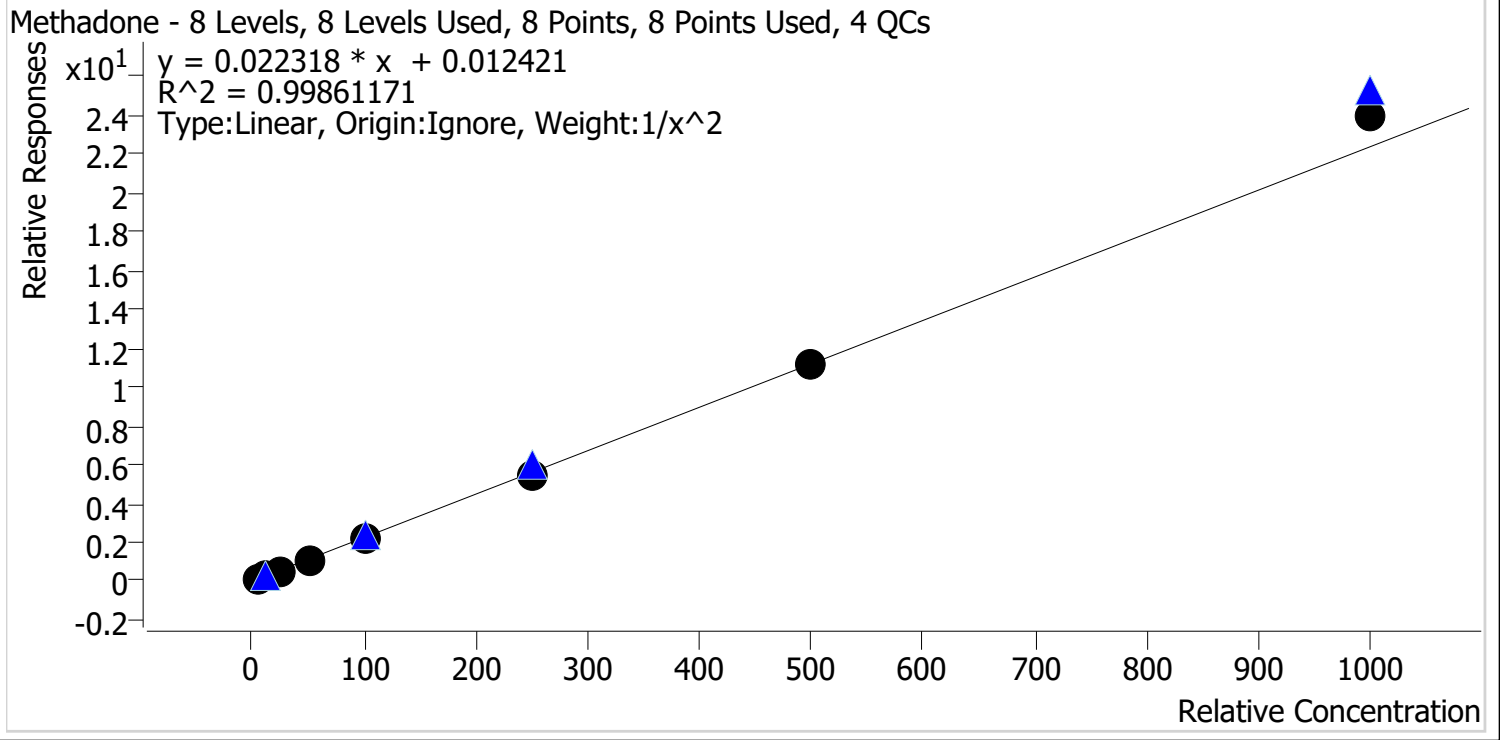
Cal 8 dropped due to accuracy.



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



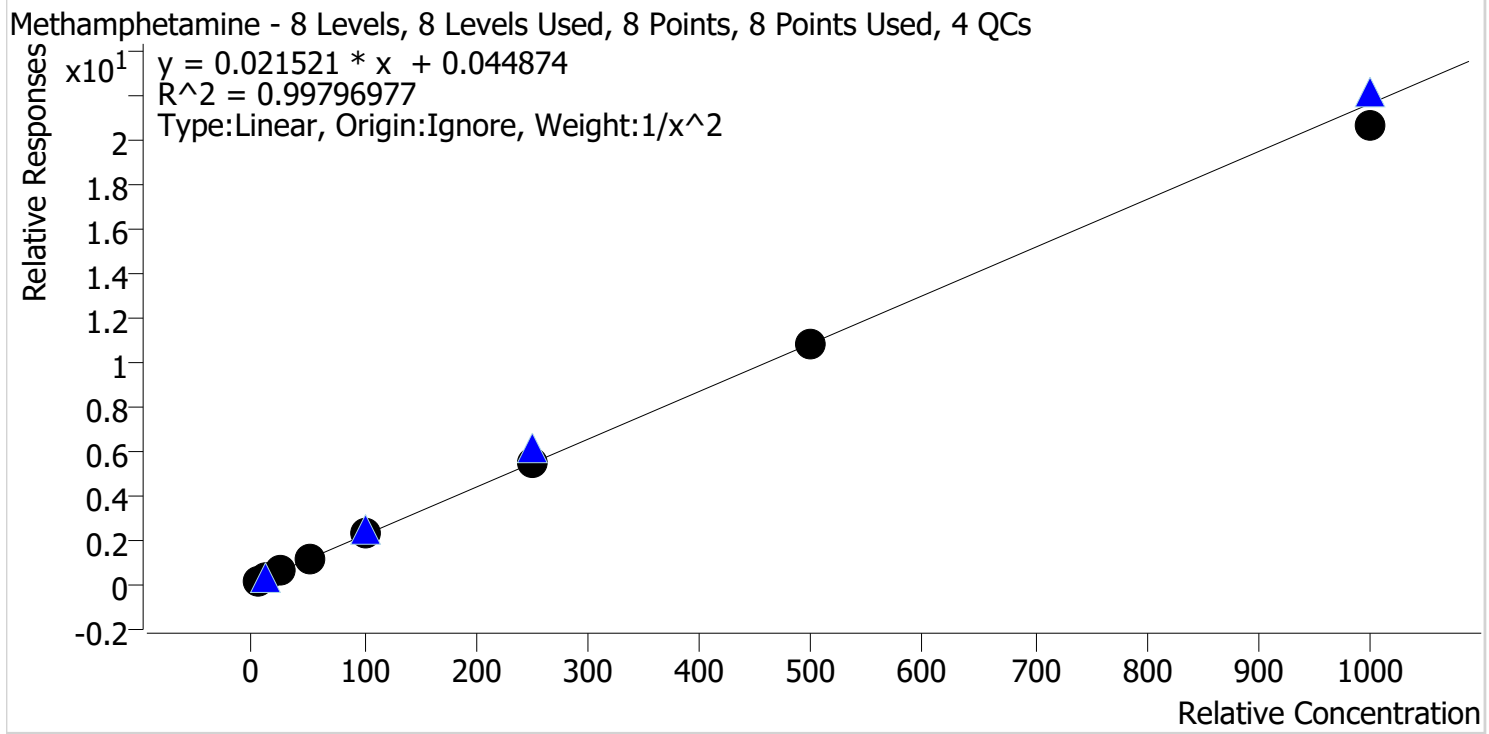
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	502.8	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1071.3	107.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.5	94.7
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	499.0	99.8
p1 Cal 8-1000ng	8	✓	1000.0	951.1	95.1

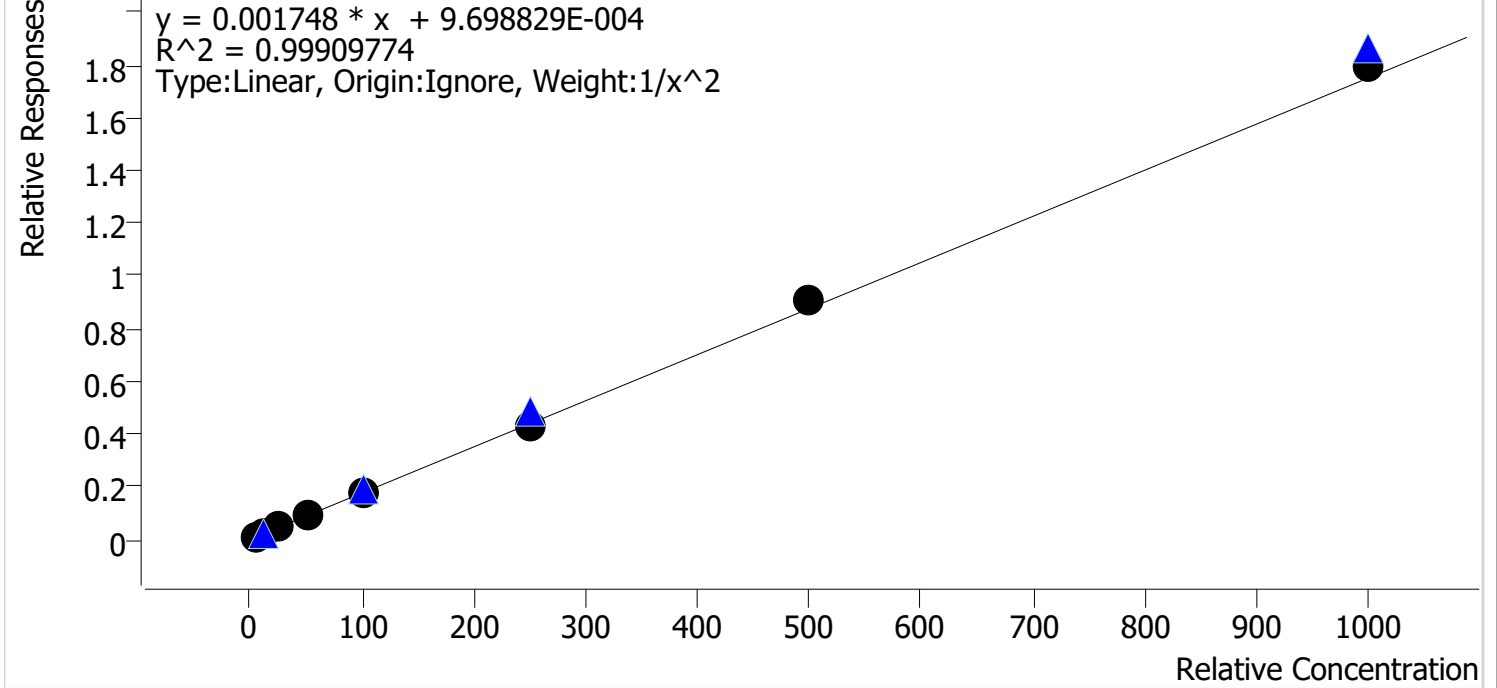


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



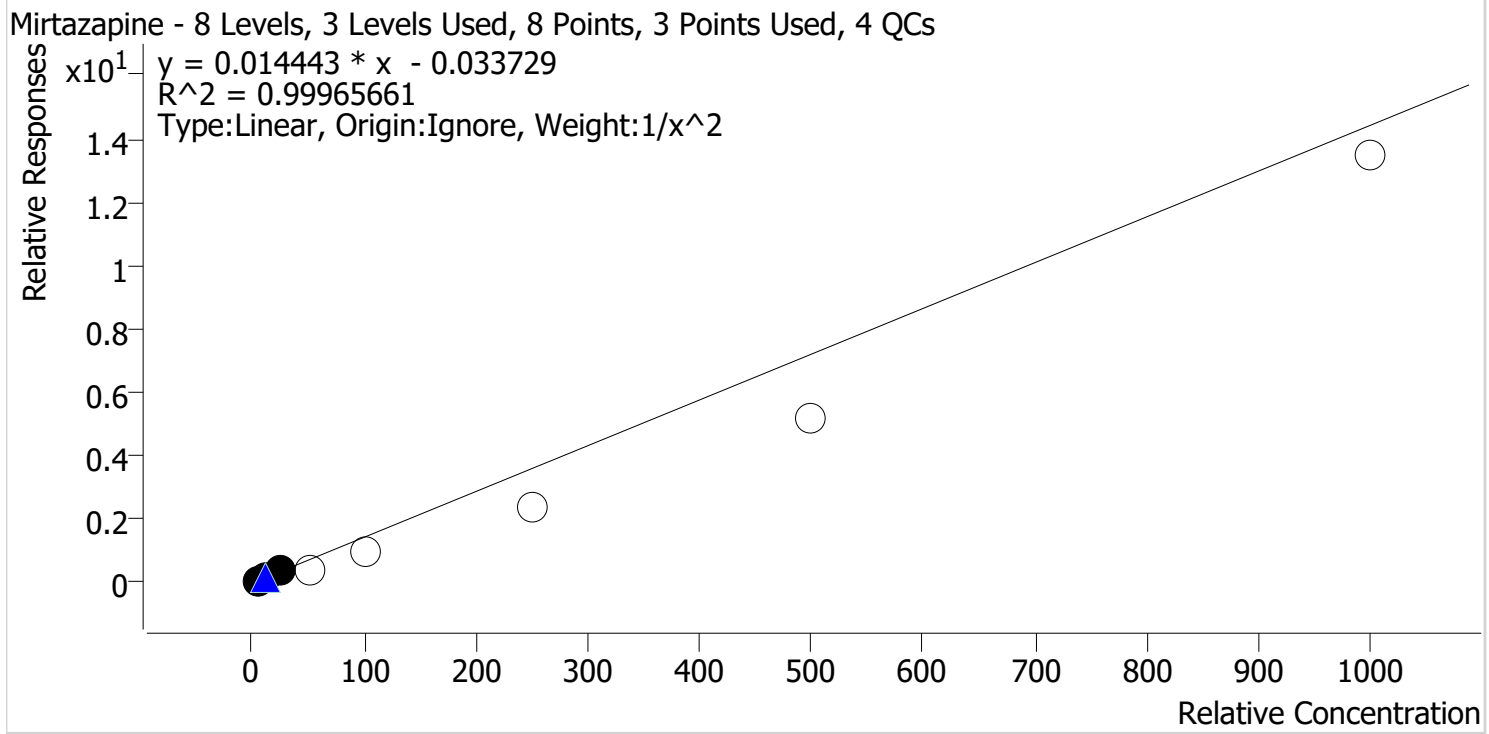
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	48.2	96.3
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	243.9	97.5
p1 Cal 7-500ng	7	✓	500.0	515.8	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1025.5	102.6



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/20/2021 10:08 AM
 Analyst Name ISP\datastor
 Analyte Mirtazapine Internal Standard alpha-PVP-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	x	50.0	31.6	63.1
p1 Cal 5-100ng	5	x	100.0	66.5	66.5
p1 Cal 6-250ng	6	x	250.0	162.0	64.8
p1 Cal 7-500ng	7	x	500.0	359.1	71.8
p1 Cal 8-1000ng	8	x	1000.0	939.1	93.9

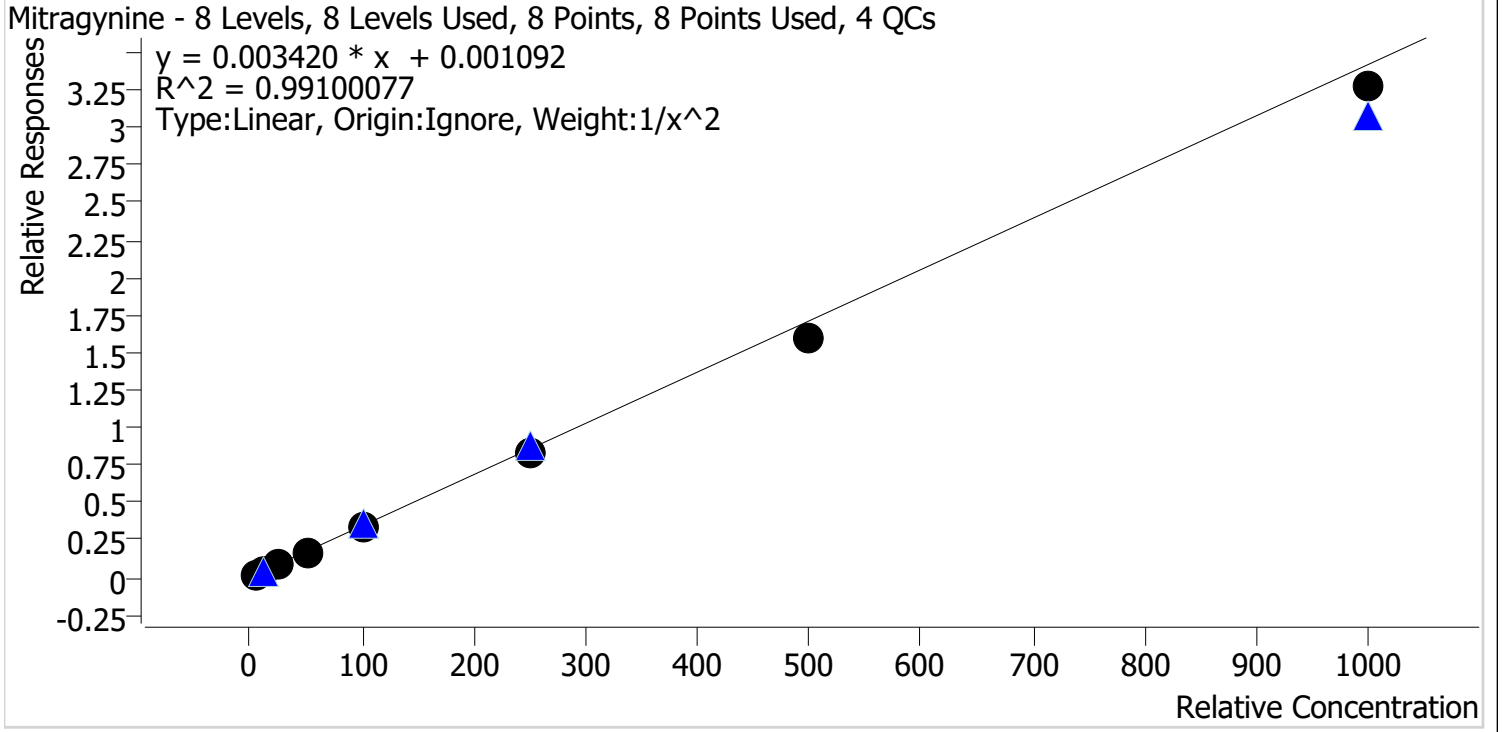
Compound not evaluated due to poor accuracy.



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



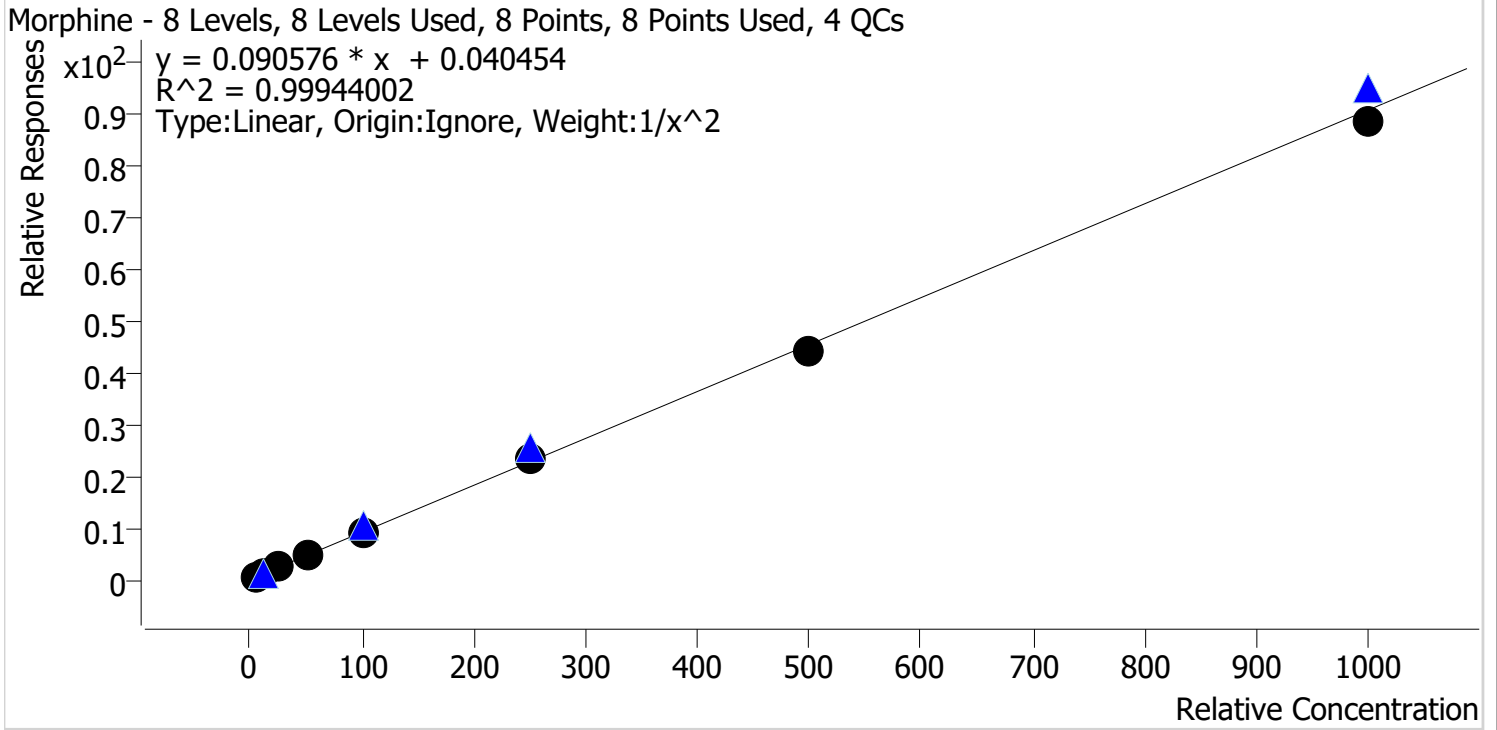
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	91.9
p1 Cal 2-10ng	2	✓	10.0	11.1	110.9
p1 Cal 3 -25ng	3	✓	25.0	28.6	114.5
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	241.3	96.5
p1 Cal 7-500ng	7	✓	500.0	469.2	93.8
p1 Cal 8-1000ng	8	✓	1000.0	956.9	95.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



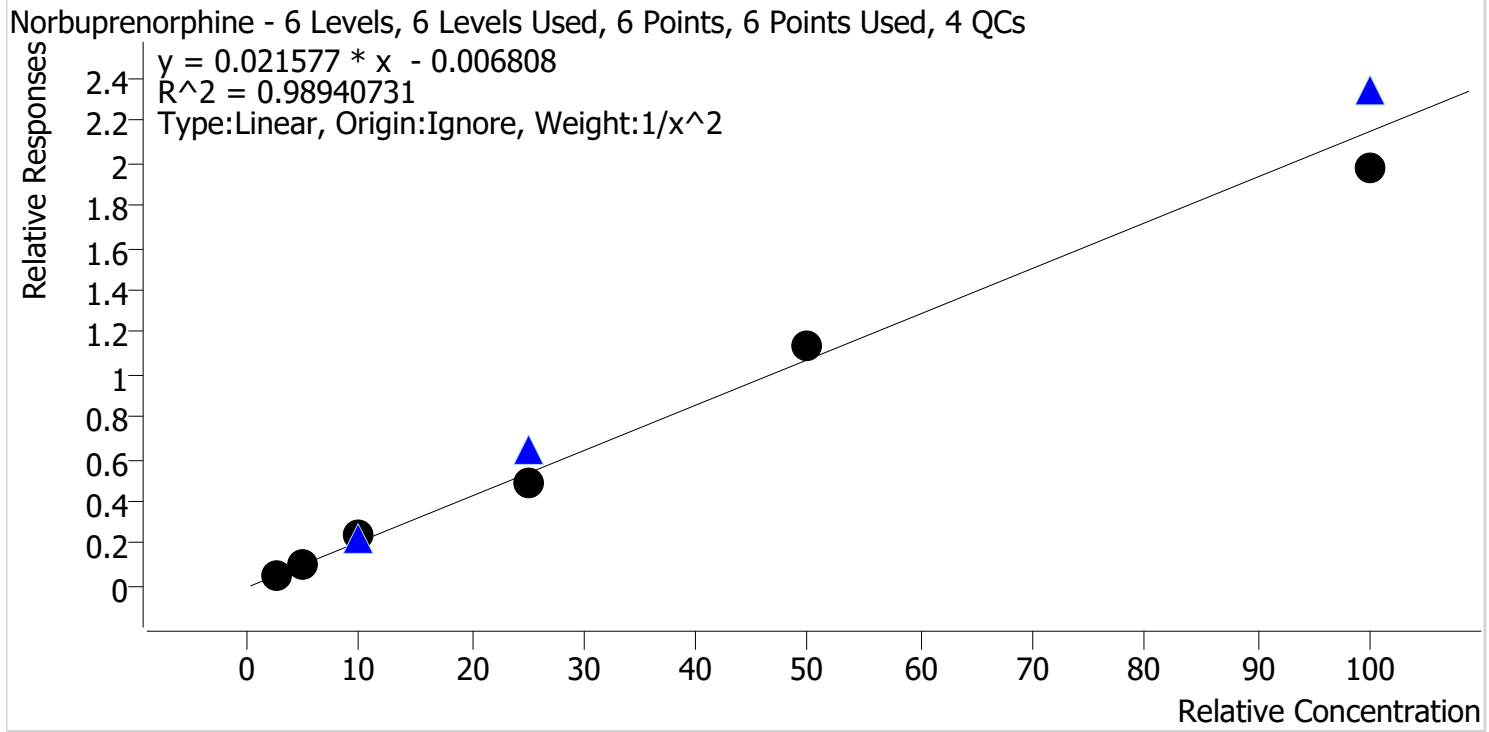
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	50.3	100.7
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	257.6	103.0
p1 Cal 7-500ng	7	✓	500.0	484.2	96.8
p1 Cal 8-1000ng	8	✓	1000.0	975.8	97.6



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/20/2021 10:08 AM
 Analyst Name ISP\datastor
 Analyte Norbuprenorphine Internal Standard Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.6
p1 Cal 4-50ng	4	✓	5.0	5.1	101.9
p1 Cal 5-100ng	5	✓	10.0	11.3	112.7
p1 Cal 6-250ng	6	✓	25.0	22.9	91.6
p1 Cal 7-500ng	7	✓	50.0	52.6	105.3
p1 Cal 8-1000ng	8	✓	100.0	91.8	91.8

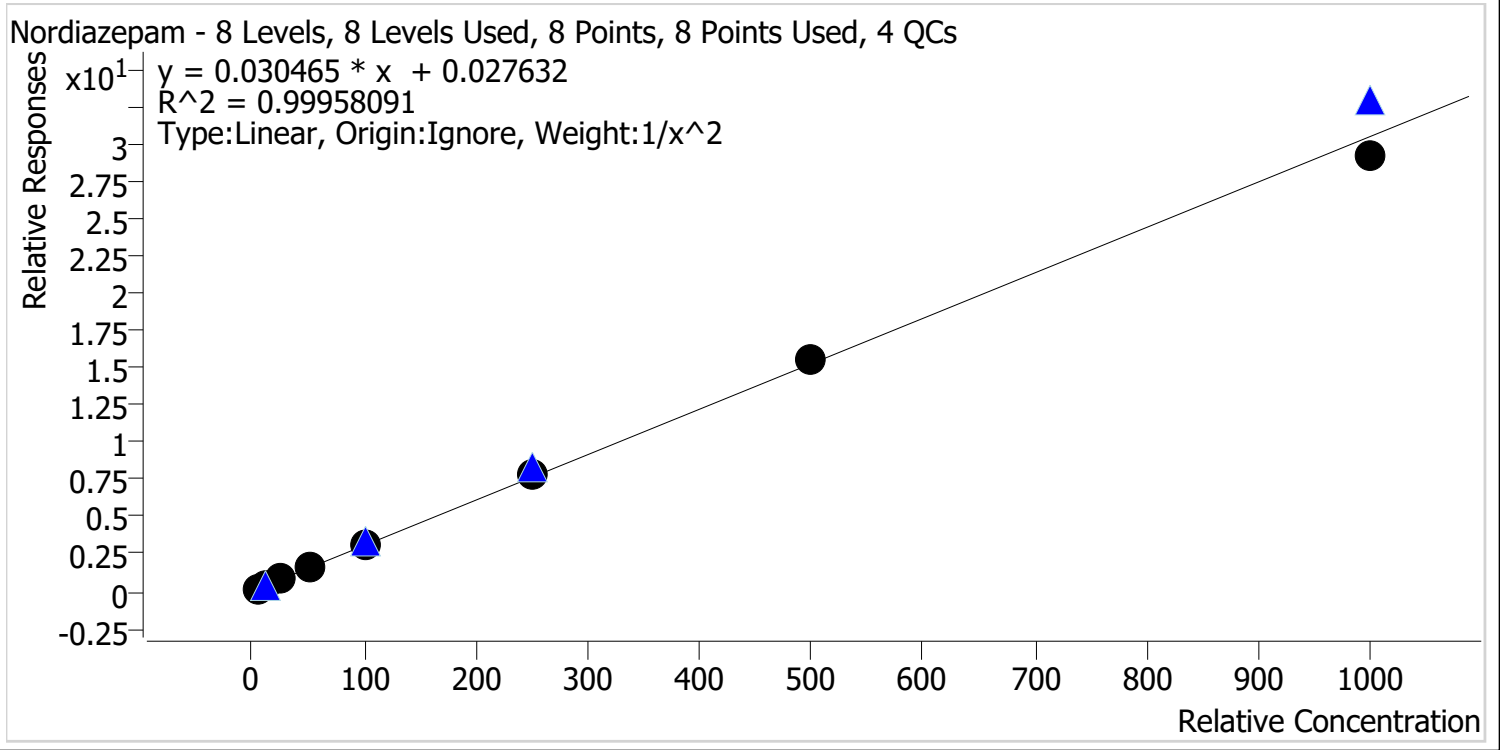
Cal 1 & 2 dropped due to peak shape.



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



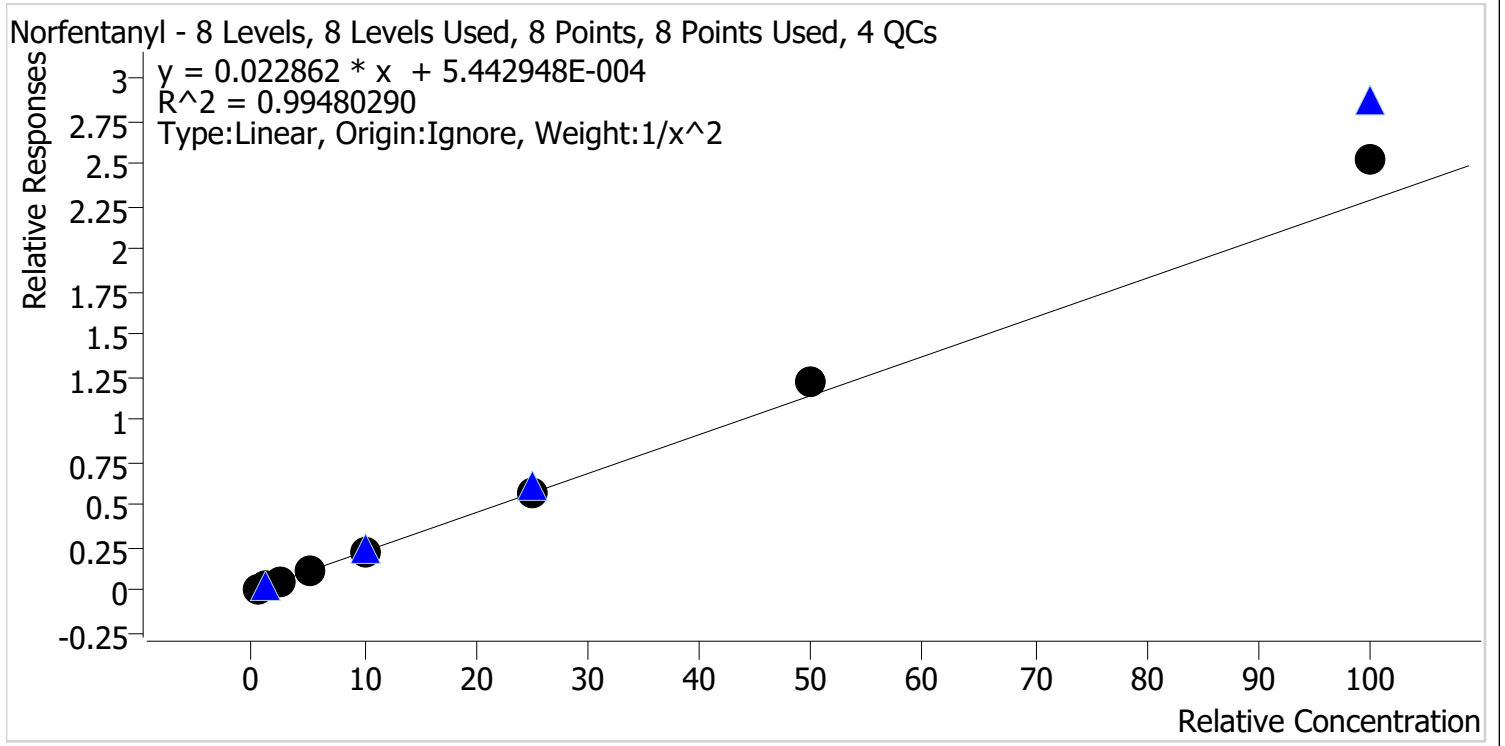
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	253.1	101.3
p1 Cal 7-500ng	7	✓	500.0	507.6	101.5
p1 Cal 8-1000ng	8	✓	1000.0	959.3	95.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



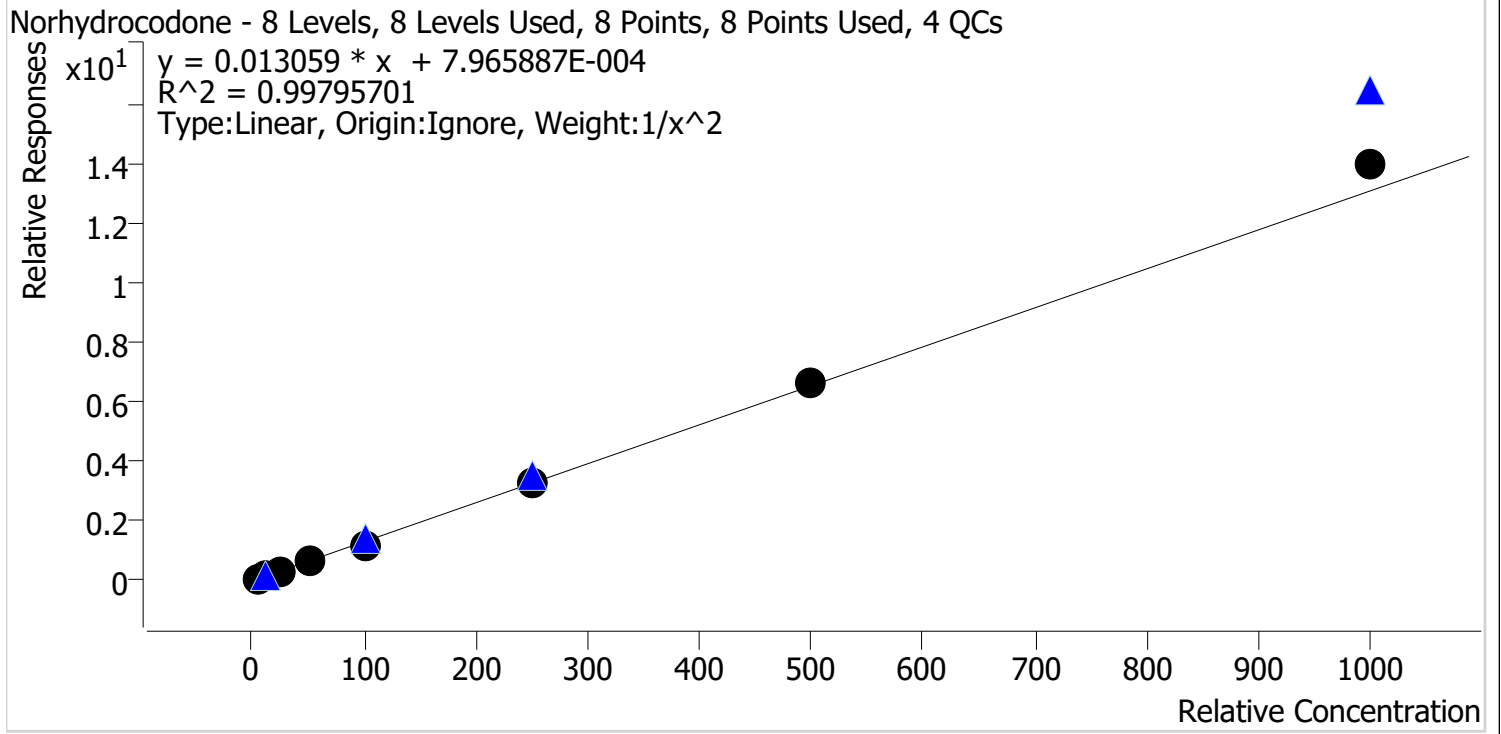
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.1
p1 Cal 2-10ng	2	✓	1.0	1.0	95.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.4
p1 Cal 4-50ng	4	✓	5.0	4.7	93.9
p1 Cal 5-100ng	5	✓	10.0	9.6	95.5
p1 Cal 6-250ng	6	✓	25.0	25.0	99.9
p1 Cal 7-500ng	7	✓	50.0	53.2	106.3
p1 Cal 8-1000ng	8	✓	100.0	110.4	110.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



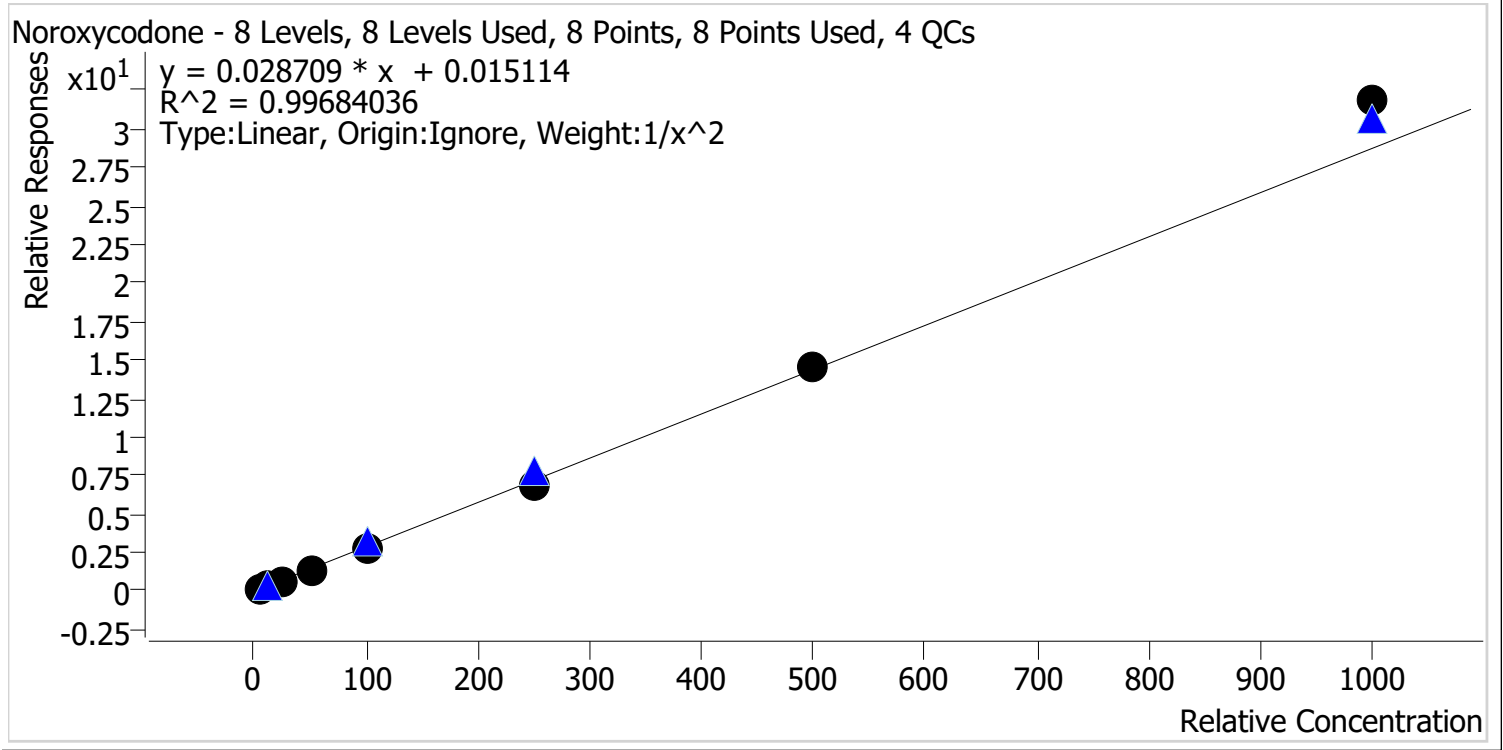
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	49.8	99.5
p1 Cal 5-100ng	5	✓	100.0	93.5	93.5
p1 Cal 6-250ng	6	✓	250.0	248.6	99.5
p1 Cal 7-500ng	7	✓	500.0	506.6	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1071.5	107.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



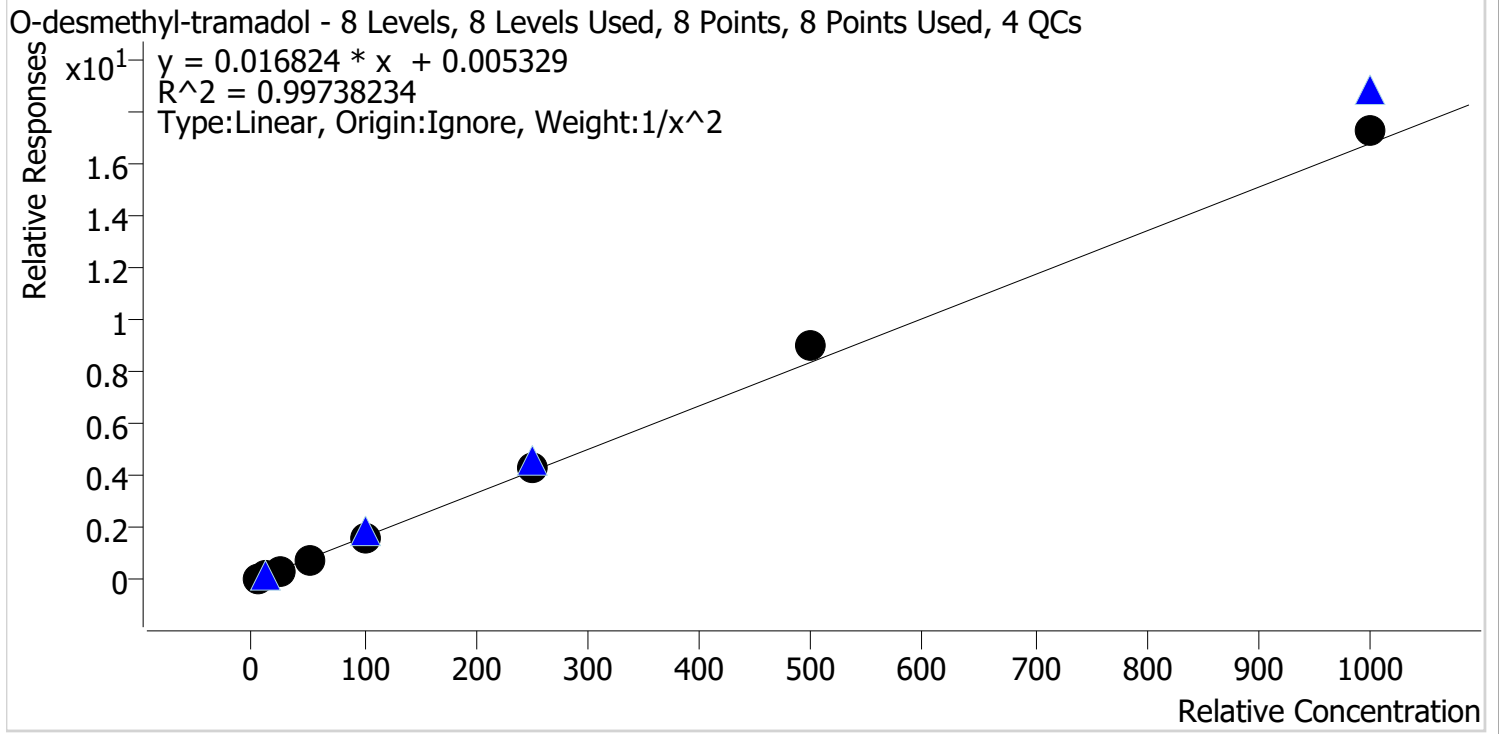
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	241.3	96.5
p1 Cal 7-500ng	7	✓	500.0	503.9	100.8
p1 Cal 8-1000ng	8	✓	1000.0	1108.0	110.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	47.4	94.9
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	539.3	107.9
p1 Cal 8-1000ng	8	✓	1000.0	1026.9	102.7

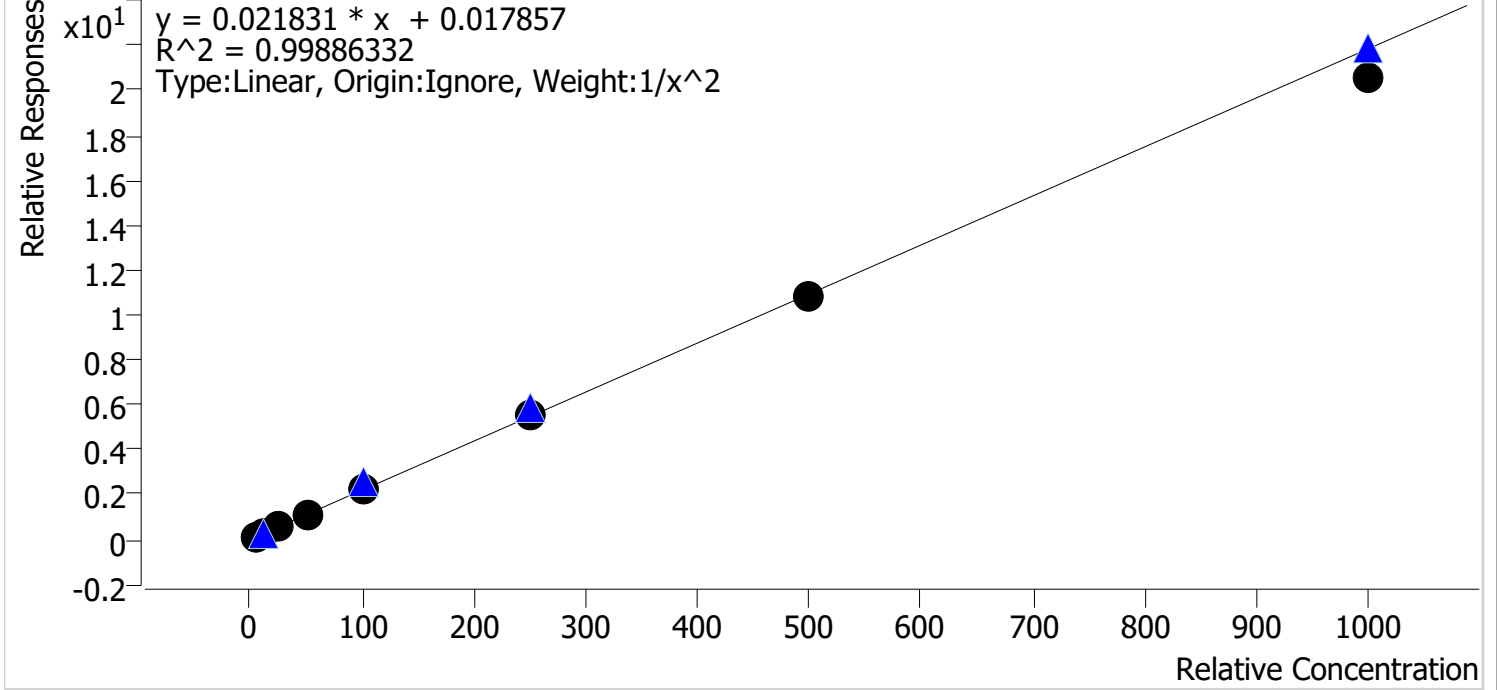


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
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	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	495.7	99.1
p1 Cal 8-1000ng	8	✓	1000.0	938.0	93.8

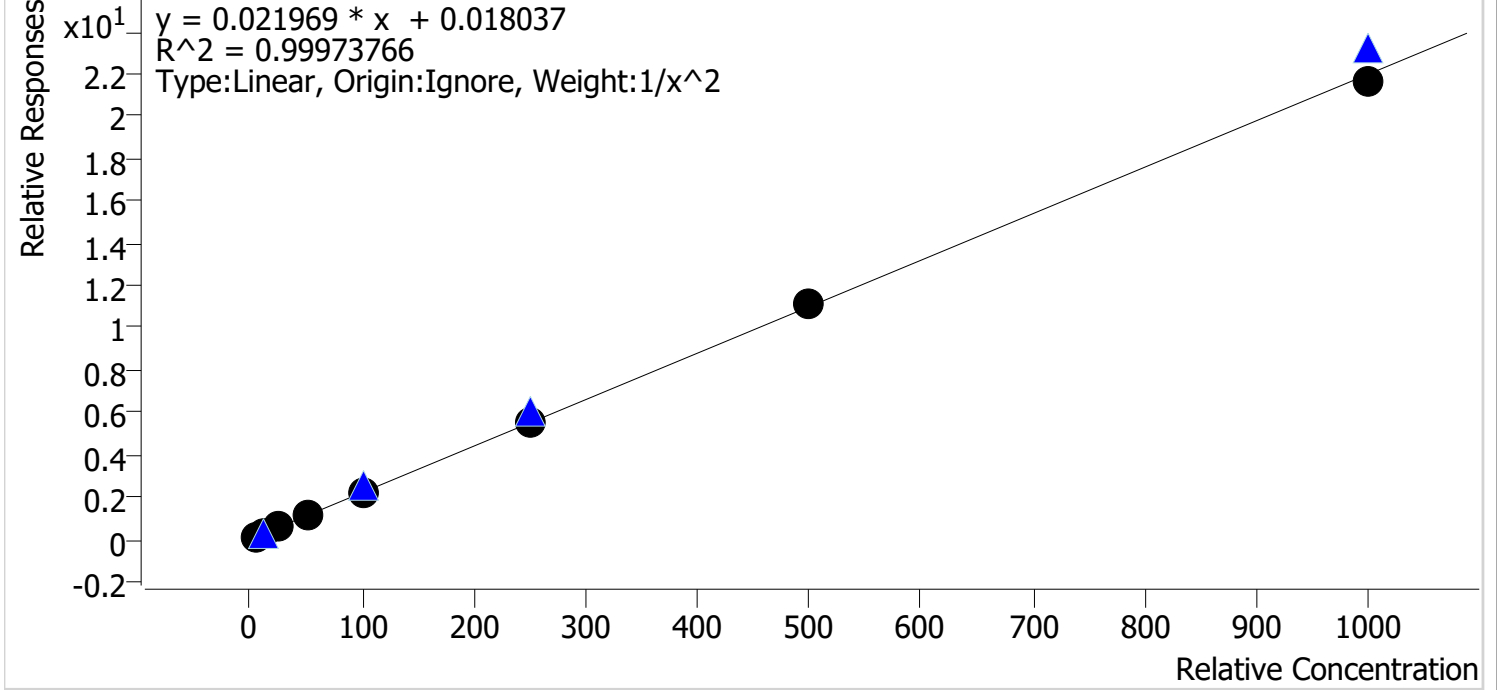


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	505.0	101.0
p1 Cal 8-1000ng	8	✓	1000.0	986.8	98.7

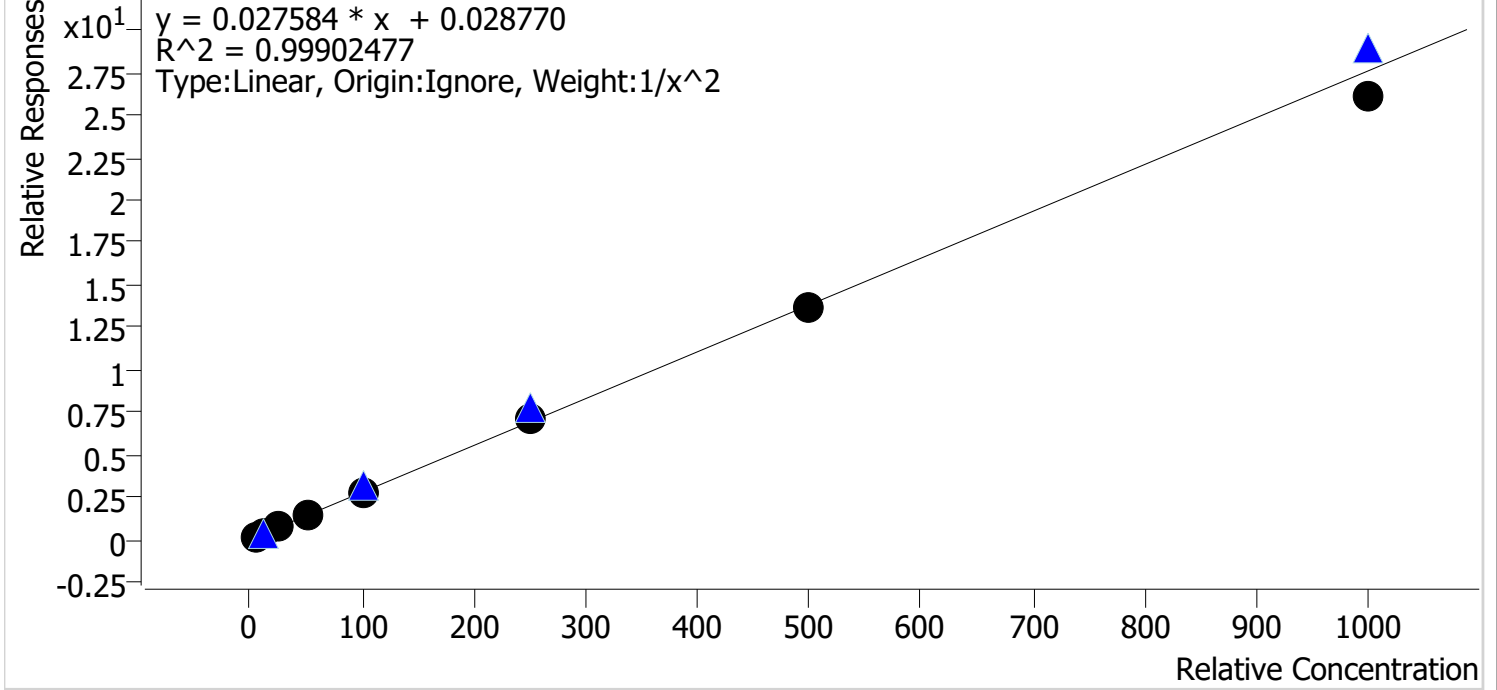


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



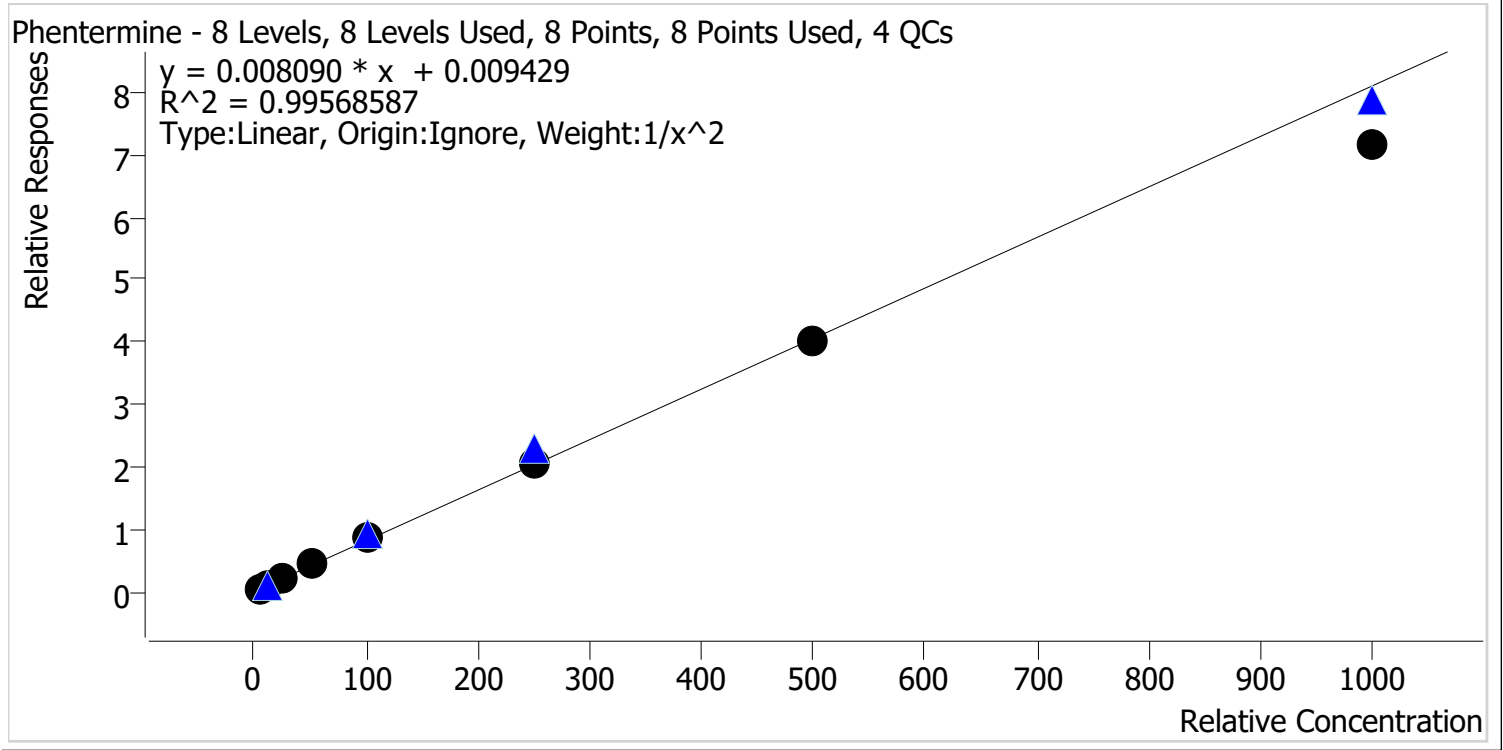
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	259.4	103.7
p1 Cal 7-500ng	7	✓	500.0	498.0	99.6
p1 Cal 8-1000ng	8	✓	1000.0	944.9	94.5



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	254.8	101.9
p1 Cal 7-500ng	7	✓	500.0	492.3	98.5
p1 Cal 8-1000ng	8	✓	1000.0	880.6	88.1

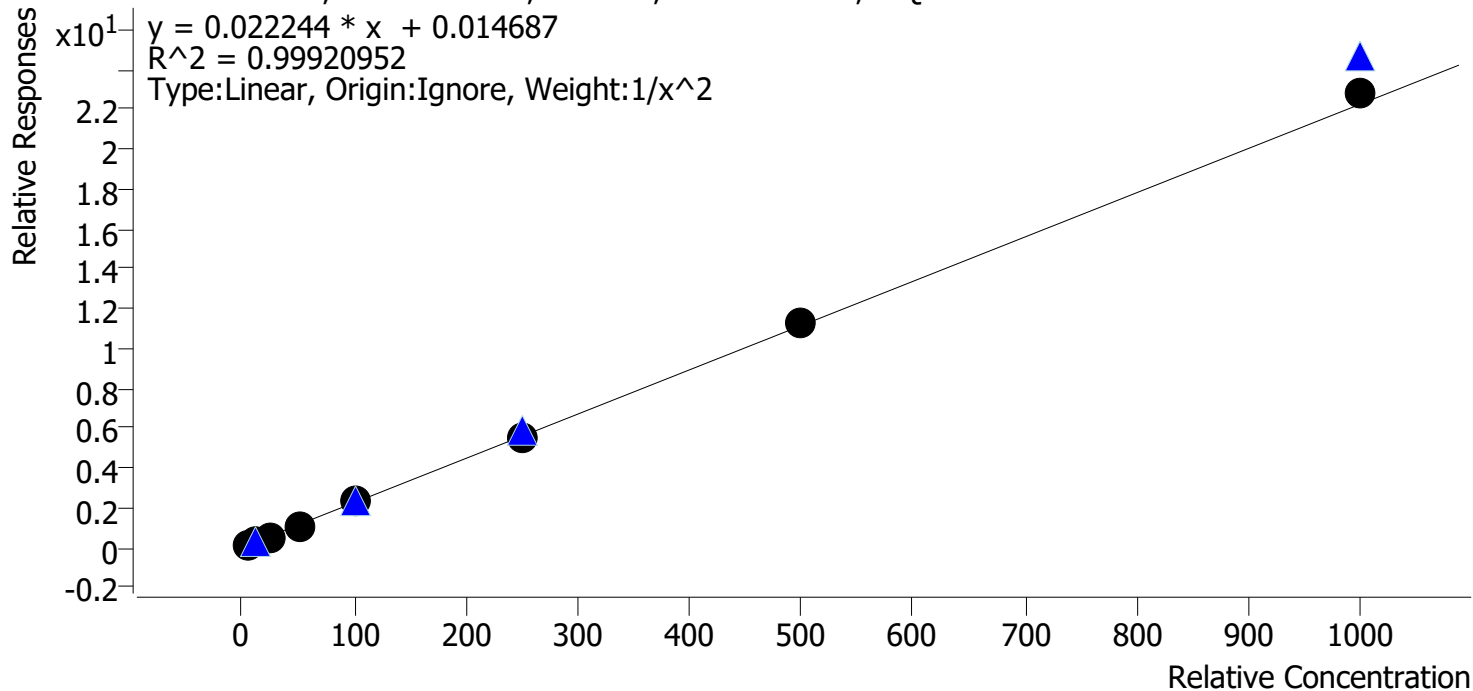


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

Promethazine - 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	99.5
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	48.8	97.5
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	244.9	98.0
p1 Cal 7-500ng	7	✓	500.0	509.1	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1024.8	102.5

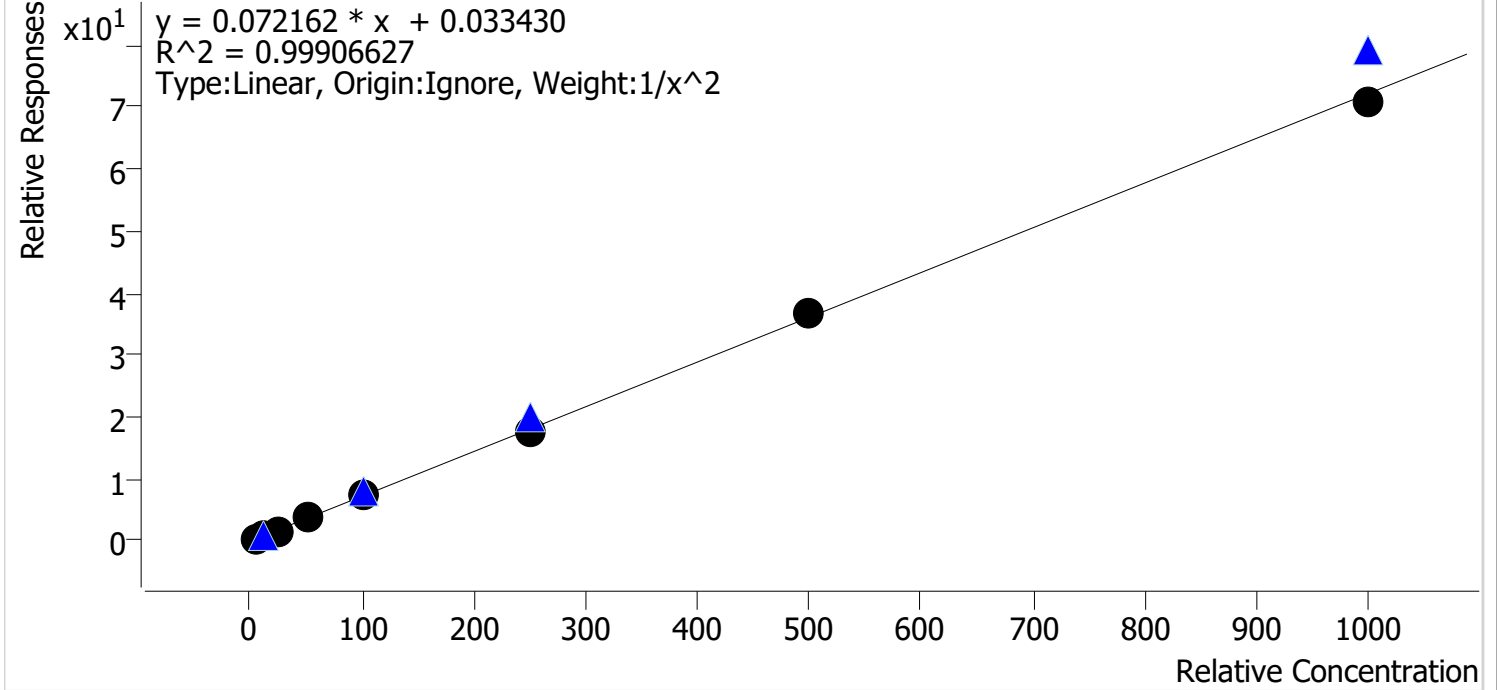


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



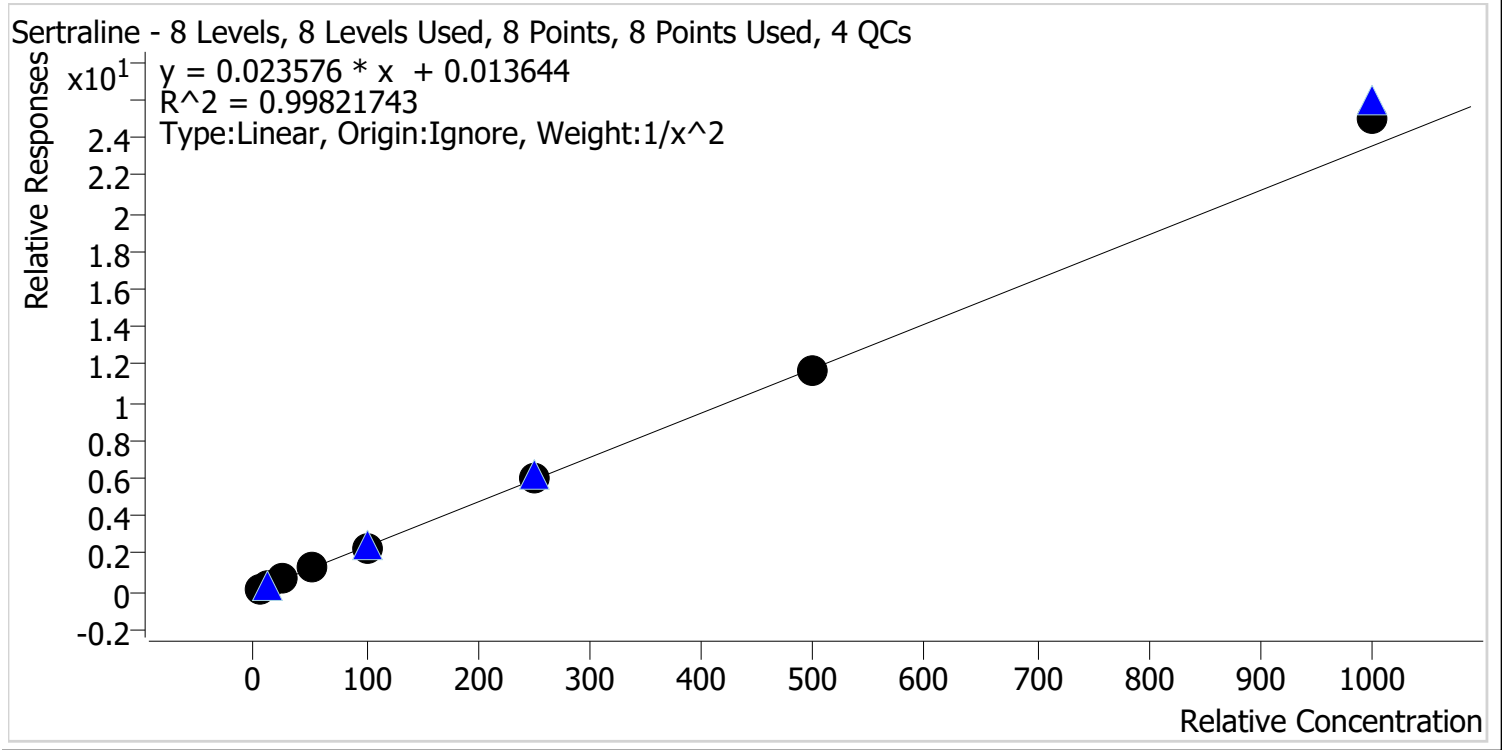
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	510.0	102.0
p1 Cal 8-1000ng	8	✓	1000.0	981.9	98.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



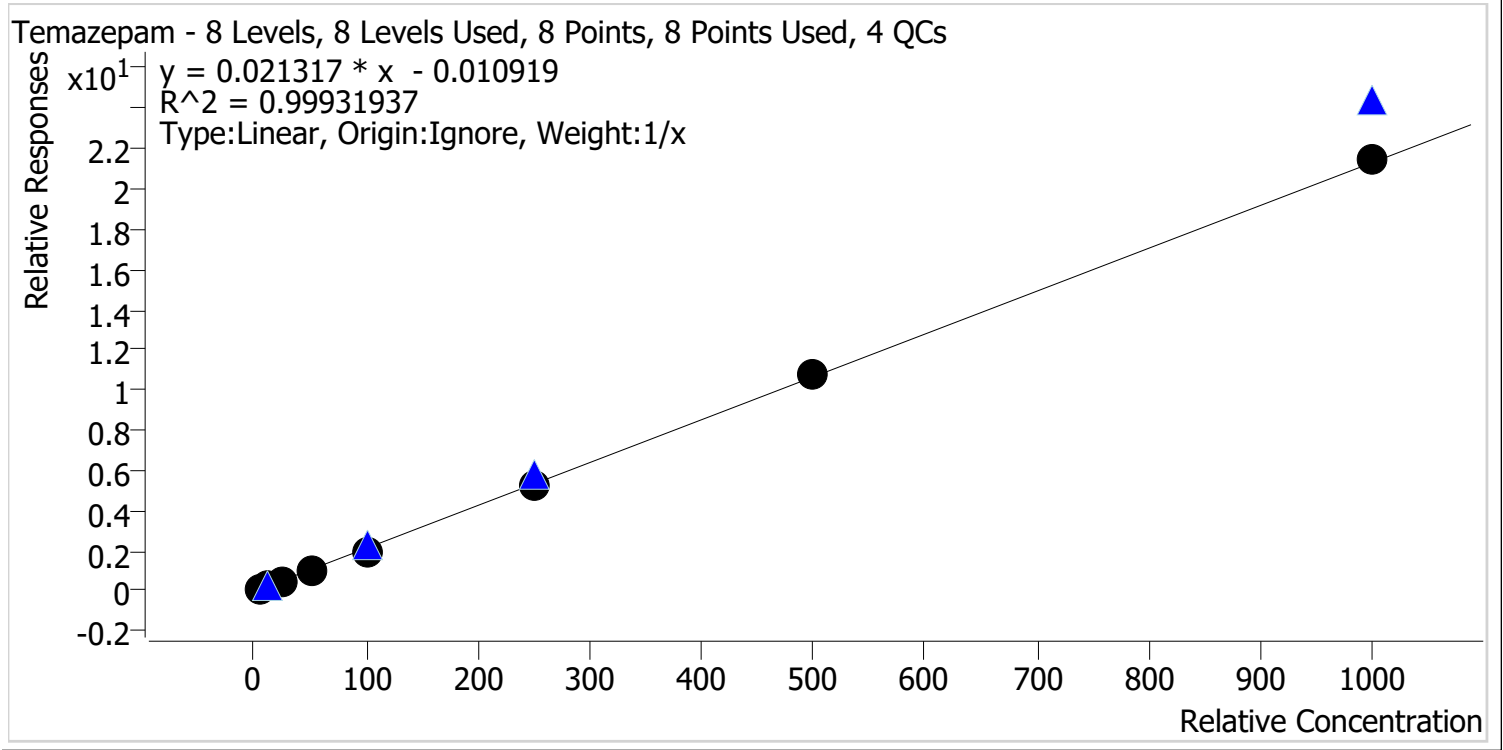
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.4	94.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	491.2	98.2
p1 Cal 8-1000ng	8	✓	1000.0	1061.8	106.2



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



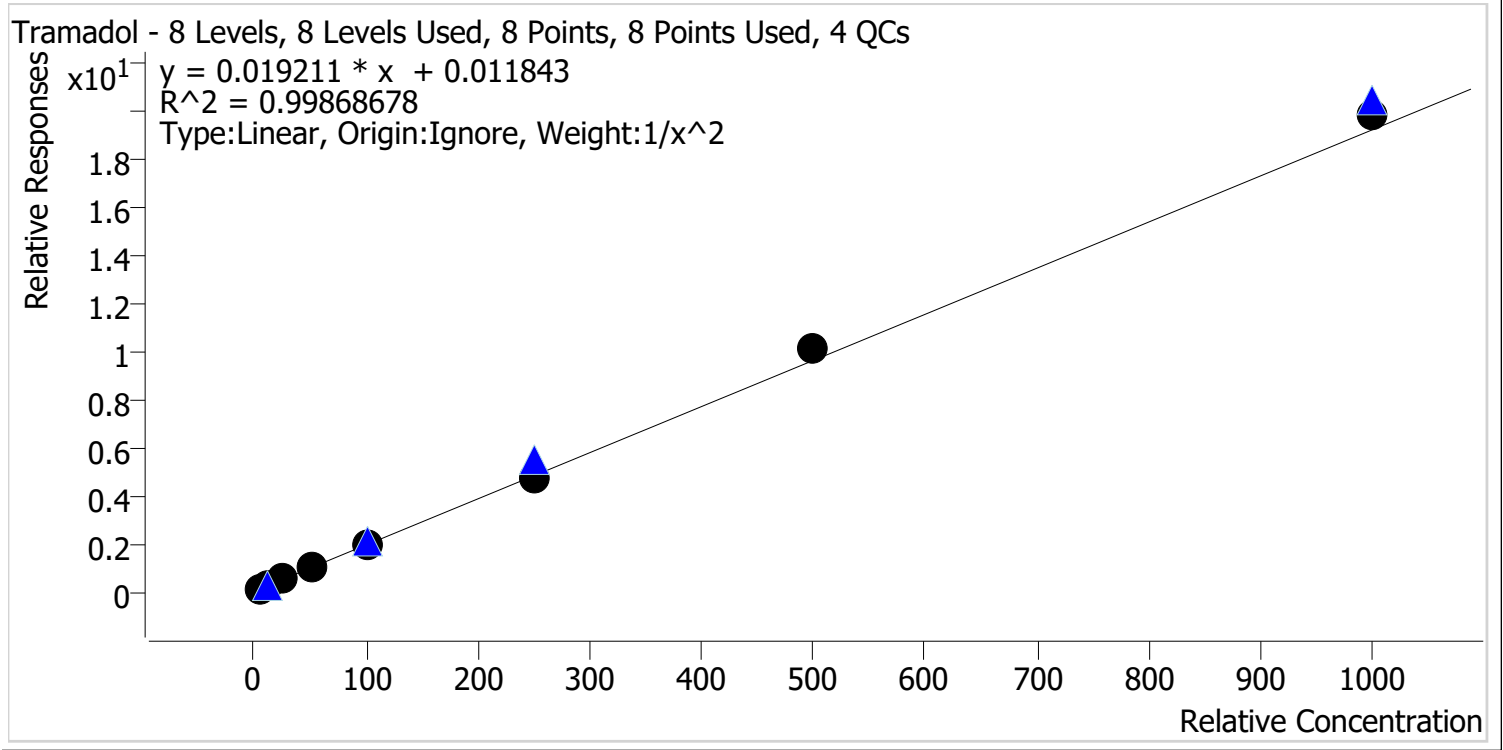
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.7	113.4
p1 Cal 2-10ng	2	✓	10.0	10.6	106.1
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	46.7	93.4
p1 Cal 5-100ng	5	✓	100.0	92.6	92.6
p1 Cal 6-250ng	6	✓	250.0	245.5	98.2
p1 Cal 7-500ng	7	✓	500.0	504.1	100.8
p1 Cal 8-1000ng	8	✓	1000.0	1011.2	101.1



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	241.1	96.4
p1 Cal 7-500ng	7	✓	500.0	527.9	105.6
p1 Cal 8-1000ng	8	✓	1000.0	1032.5	103.2

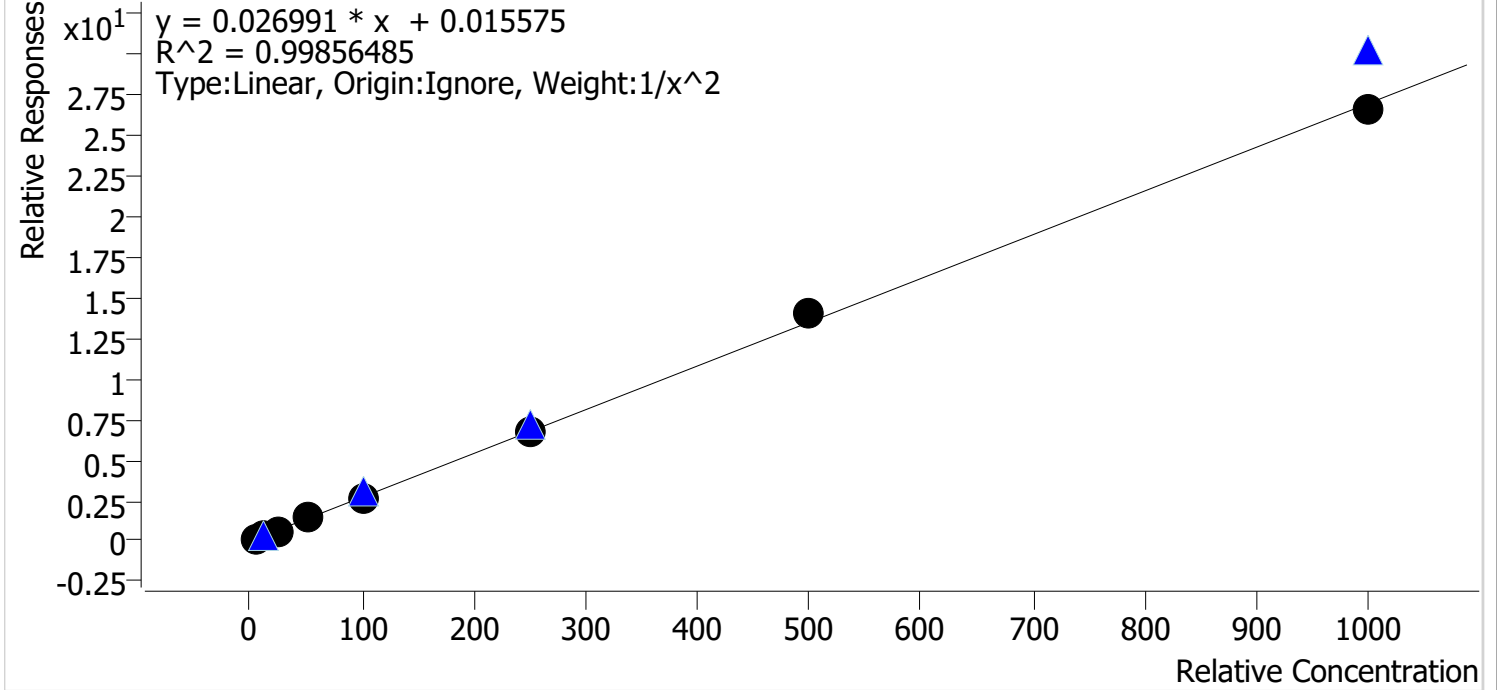


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



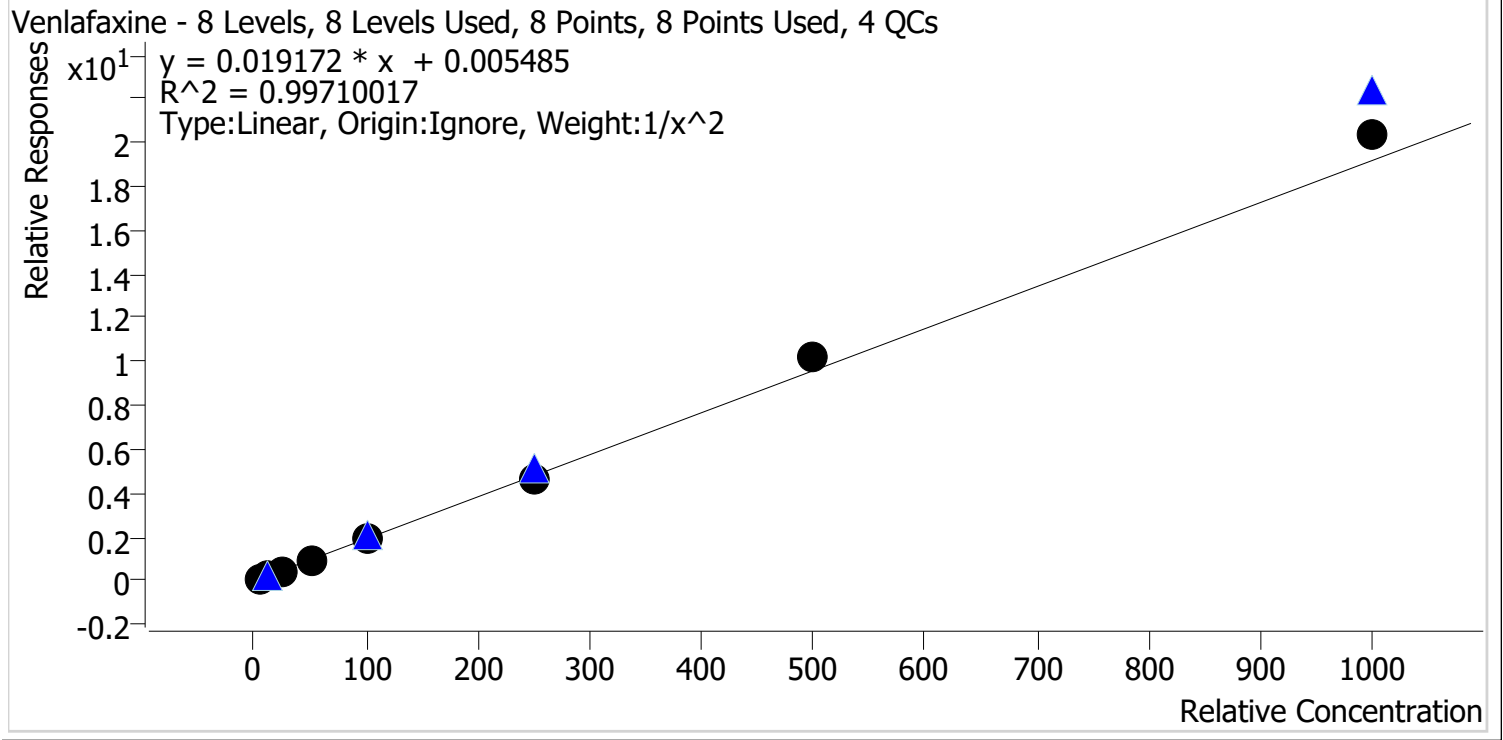
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	520.0	104.0
p1 Cal 8-1000ng	8	✓	1000.0	988.9	98.9



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



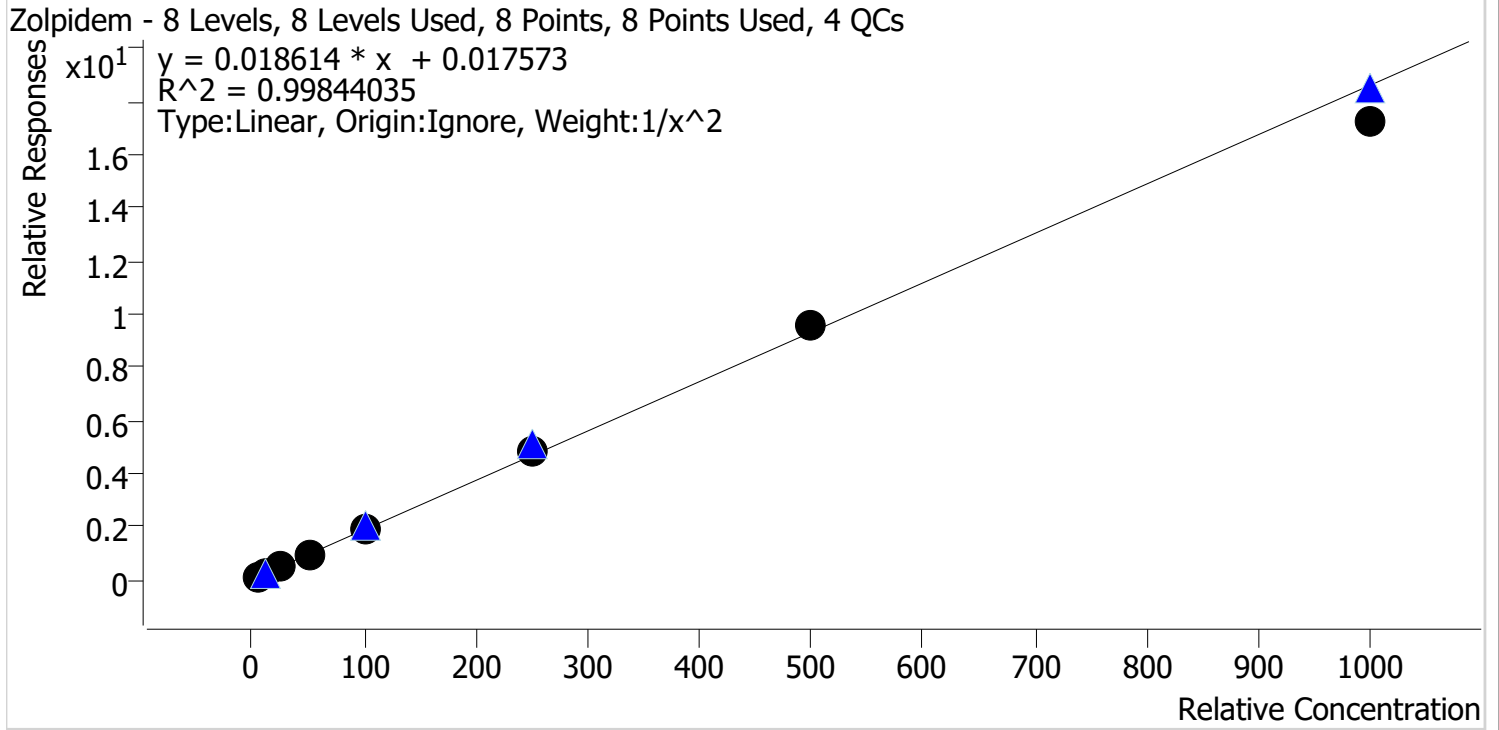
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
p1 Cal 4-50ng	4	✓	50.0	48.2	96.3
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	244.1	97.6
p1 Cal 7-500ng	7	✓	500.0	533.3	106.7
p1 Cal 8-1000ng	8	✓	1000.0	1063.7	106.4



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/20/2021 10:08 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	50.2	100.5
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	258.5	103.4
p1 Cal 7-500ng	7	✓	500.0	516.7	103.3
p1 Cal 8-1000ng	8	✓	1000.0	926.1	92.6

AM #28 Multi-Drug Quant. Results

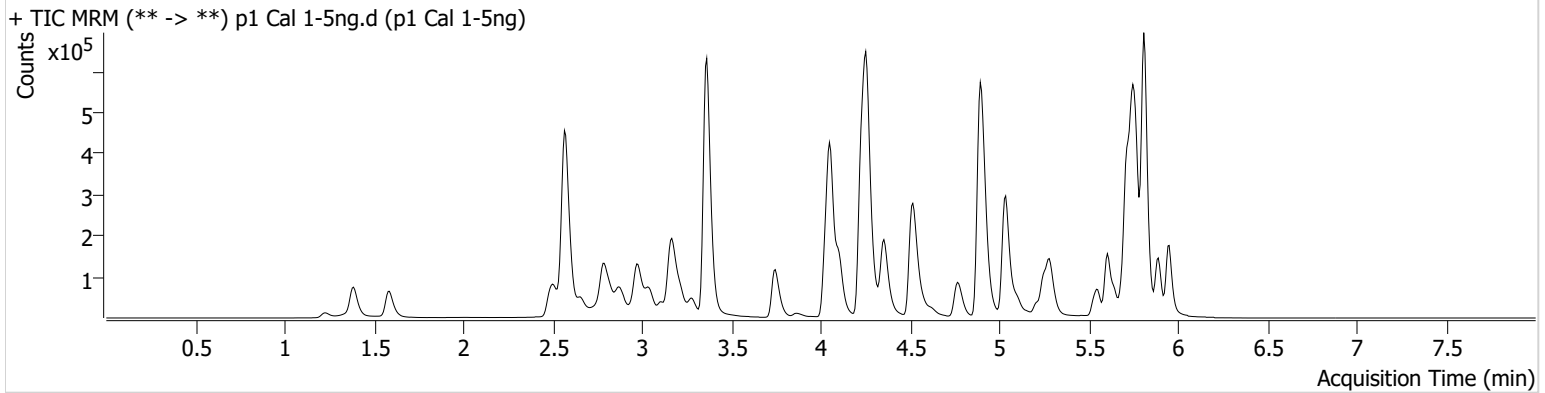
TS



Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/20/2021 10:08:06 AM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-H12	Comment	
Injection Volume	2		
Acq. Date-Time	7/15/2021 8:25:33 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	1825	1725.91	67.3	1576.60	76593	0.5658 ng/ml
7-aminoclonazepam	4.271	24959	40828.75	83.9	87721.05	276101	4.9674 ng/ml
a-hydroxyalprazolam	5.692	25129	303.36	57.2	35306.25	454664	4.7211 ng/ml
alpha-PHP	4.930	10166	341.12	263.2	449.87	450551	4.7404 ng/ml
alpha-PVP	4.363	56941	728.84	52.2	252.10	450551	5.0262 ng/ml
Alprazolam	5.768	72687	741.45	110.8	730.60	454664	5.0359 ng/ml
Amphetamine	3.049	79081	110.54	53.1	326.95	165215	4.9018 ng/ml
Benzoylecgonine	3.892	3086	76.03	9.3	2302.23	20302	5.6481 ng/ml
Bupropion	4.788	34767	6922.31	58.7	94.86	222059	5.0062 ng/ml
Carisoprodol	5.724	71820	72814.39	57.1	357.67	663784	5.0502 ng/ml
Citalopram	5.212	9933	128.99	40.4	6684.60	77696	5.1433 ng/ml
Clonazepam	5.612	83586	6133.10	31.4	∞	176320	5.0575 ng/ml
Clonazolam	5.548	57776	3607.93	36.9	22416.36	176320	5.1314 ng/ml
Cocaine	4.257	58414	109457.85	51.2	36314.21	920786	5.0044 ng/ml
Codeine	2.553	8705	194.82	99.7	263.32	74892	4.9537 ng/ml
Dextromethorphan	5.262	3543	70.56	83.7	32.81	32592	4.9908 ng/ml
Dextrorphan	4.105	12558	230.95	203.9	77501.10	274323	5.0375 ng/ml
Diazepam	5.953	36664	89.64	90.6	300.97	327967	4.9968 ng/ml
Dihydrocodeine	2.532	22759	63767.40	68.4	486.54	237424	4.8031 ng/ml
Diphenhydramine	5.289	22036	287.34	33.7	51.51	269876	5.0001 ng/ml
Doxylamine	4.529	103081	1686.24	95.9	2796.65	829765	5.0526 ng/ml
EDDP	5.254	21036	383.32	42.7	25962.06	211206	5.0610 ng/ml
Etizolam	5.813	45086	103102.88	25.1	17015.90	176320	5.2964 ng/ml
Fentanyl	5.096	406	47.80	68.5	153.51	34573	0.5251 ng/ml
Flualprazolam	5.705	33686	503.18	93.8	19761.46	454664	4.8739 ng/ml
Fluoxetine	5.700	3399	1568.63	9.5	749.89	23948	4.9478 ng/ml
Hydrocodone	3.005	27915	71.06	38.4	143.23	300671	4.8900 ng/ml
Hydromorphone	1.595	28194	52642.62	76.1	24323.31	172092	5.0429 ng/ml
Ketamine	4.044	58346	762.69	37.6	222.55	521766	5.0089 ng/ml
Lamotrigine	4.273	6044	207.80	77.4	181.53	521766	4.8734 ng/ml
Levetiracetam	2.656	32838	35.25	163.3	296.50	1251172	4.8284 ng/ml
Lorazepam	5.747	75735	444.37	58.3	133.84	176320	4.8964 ng/ml
MDA	3.189	57395	110.06	23.4	170.44	261273	4.9607 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDMA	3.290	36349	1315.31	72.3	516.70	61662	4.9436 ng/ml
Meprobamate	4.917	42272	7840.31	28.9	99.30	301286	4.7047 ng/ml
Methadone	5.646	11560	7397.11	47.0	70.97	91915	5.0785 ng/ml
Methamphetamine	3.224	53292	148.81	36.7	93.63	347013	5.0508 ng/ml
Metoprolol	4.319	10891	16515.35	100.0	245.86	1128834	4.9634 ng/ml
Mirtazapine	4.624	17500	201.36	52.1	275.77	450551	5.0245 ng/ml
Mitragynine	5.237	1545	3452.81	40.2	216.35	91915	4.5966 ng/ml
Morphine	1.240	3913	104.99	35.6	486.60	7932	5.0000 ng/ml
Nordiazepam	5.900	42917	399.89	54.6	495.04	238287	5.0050 ng/ml
Norfentanyl	4.079	10837	171.47	36.5	50.05	870711	0.5206 ng/ml
Norhydrocodone	3.053	4000	39.32	46.7	63.53	60590	4.9942 ng/ml
Noroxycodone	2.896	33317	300.78	41.3	27664.77	207820	5.0577 ng/ml
O-desmethyl-tramadol	3.369	149770	2629.67	6.8	414.55	1653947	5.0657 ng/ml
Oxazepam	5.749	86643	504.86	72.1	39.14	688426	4.9470 ng/ml
Oxycodone	2.821	63693	217.74	28.0	722.48	498246	4.9978 ng/ml
Oxymorphone	1.391	35048	196.81	42.1	428.83	210795	4.9847 ng/ml
Phentermine	3.783	17123	62.60	3.9	23.26	346214	4.9479 ng/ml
Promethazine	5.538	6979	209.14	29.2	31.02	55659	4.9766 ng/ml
Pseudoephedrine	2.583	138717	2771.98	16.1	40602.66	1251172	5.1038 ng/ml
Quetiapine	5.548	16037	863.51	60.2	12403.75	41011	4.9556 ng/ml
Sertraline	5.769	1495	31.42	114.5	29.76	11051	5.1601 ng/ml
Temazepam	5.816	142745	910.41	29.6	213.69	1298434	5.6695 ng/ml
Tramadol	4.239	123536	679.19	3.4	57.75	1128834	5.0801 ng/ml
Trazodone	5.163	10469	883.69	86.6	4863.93	70246	4.9446 ng/ml
Venlafaxine	5.037	78647	499.17	38.7	∞	763501	5.0867 ng/ml
Zolpidem	4.914	145692	3158.73	31.6	103.02	1322079	4.9761 ng/ml

AM #28 Multi-Drug Quant. Results

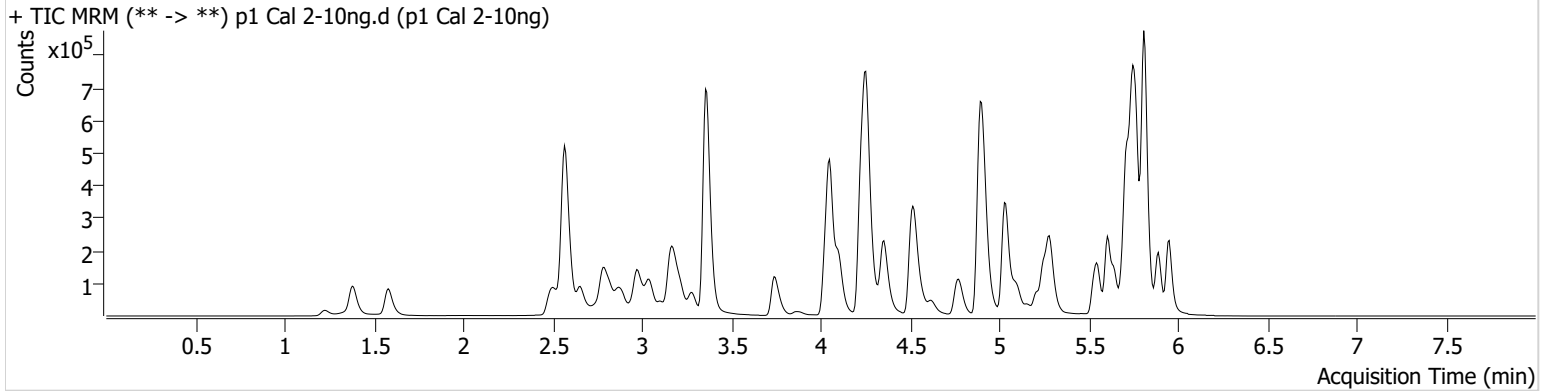
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Calibration Last Update 7/20/2021 10:08:06 AM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-G12	Comment	
Injection Volume	2		
Acq. Date-Time	7/15/2021 8:36:19 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	3040	7858.11	76.2	7112.30	79216	0.9510 ng/ml
7-aminoclonazepam	4.265	60891	2303.87	81.0	127501.07	333979	10.2677 ng/ml
a-hydroxyalprazolam	5.692	52832	315.50	54.8	623.13	488702	10.8932 ng/ml
alpha-PHP	4.930	22198	103.76	270.6	475.71	480931	10.6422 ng/ml
alpha-PVP	4.363	117038	1072.64	51.2	1498.73	480931	10.0908 ng/ml
Alprazolam	5.768	148128	600.77	110.8	526.99	488702	10.0335 ng/ml
Amphetamine	3.049	154325	740.78	50.7	209.62	171576	10.1096 ng/ml
Benzoylecgonine	3.886	6387	93.03	7.8	327.17	23685	9.9532 ng/ml
Buprenorphine	5.853	822	781.30	17.8	8.61	27778	1.6328 ng/ml
Bupropion	4.781	76971	1206.29	60.0	232.72	256583	10.0086 ng/ml
Carisoprodol	5.724	142382	205724.06	56.7	423.44	687841	10.0572 ng/ml
Citalopram	5.212	30013	94.89	43.1	18629.49	135143	9.4766 ng/ml
Clonazepam	5.612	168611	3710.86	31.6	57734.58	203737	9.7918 ng/ml
Clonazepam	5.549	116480	7667.81	36.8	80057.84	203737	9.6099 ng/ml
Cocaine	4.257	116638	19001.75	51.1	249.99	946030	10.1616 ng/ml
Codeine	2.553	16583	∞	105.8	13770.20	77877	9.9441 ng/ml
Cyclobenzaprine	5.615	17845	28953.38	11.4	35.67	71703	10.2059 ng/ml
Dextromethorphan	5.255	14455	2807.04	83.4	740.04	68658	10.1508 ng/ml
Dextrophan	4.105	27151	897.31	207.3	188840.23	311249	9.9882 ng/ml
Diazepam	5.953	80284	309.05	89.9	2115.03	371298	10.1000 ng/ml
Dihydrocodeine	2.525	43630	5417.79	66.1	123.53	242659	10.2827 ng/ml
Diphenhydramine	5.289	70800	5486.42	34.7	685.90	436692	10.1901 ng/ml
Doxylamine	4.529	208173	911.17	97.8	867.61	882477	9.9762 ng/ml
EDDP	5.254	51714	2910.12	42.6	50119.01	275323	9.9143 ng/ml
Etizolam	5.813	91696	95116.85	25.3	5968.60	203737	9.4266 ng/ml
Fentanyl	5.103	1924	58.08	72.1	922.08	102983	0.9174 ng/ml
Flualprazolam	5.698	69867	5299.51	93.1	12011.93	488702	10.3784 ng/ml
Fluoxetine	5.700	23931	6968.68	8.7	4123.10	92829	10.0698 ng/ml
Hydrocodone	3.005	56885	121.70	36.4	209.72	316438	10.4228 ng/ml
Hydromorphone	1.588	55927	167485.73	78.1	3353.72	184700	9.9312 ng/ml
Ketamine	4.044	117919	392.40	37.2	69.44	552861	10.0694 ng/ml
Lamotrigine	4.273	12064	620.25	80.7	20593.17	552861	10.2168 ng/ml
Levetiracetam	2.656	72115	1007.23	164.4	586.91	1306559	10.5362 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	159547	1039.76	57.4	220.70	203737	10.3257 ng/ml
MDA	3.189	119280	793.94	22.6	79.37	290787	10.0288 ng/ml
MDMA	3.283	75071	22240.62	73.2	446.61	63641	10.3754 ng/ml
Meprobamate	4.917	81730	480.17	27.8	470.63	317358	10.5992 ng/ml
Methadone	5.646	41791	1319.69	53.3	115.69	180600	9.8119 ng/ml
Methamphetamine	3.224	87658	326.65	38.0	50.84	352347	9.4747 ng/ml
Metoprolol	4.319	22434	1229.56	94.1	836.82	1195338	10.1790 ng/ml
Mirtazapine	4.624	52335	448.76	51.3	629.17	480931	9.8695 ng/ml
Mitragynine	5.230	7049	9181.75	43.4	5558.30	180600	11.0932 ng/ml
Morphine	1.233	8092	208.09	35.7	304.48	8613	9.9260 ng/ml
Nordiazepam	5.893	89608	813.85	55.7	857.87	270973	9.9479 ng/ml
Norfentanyl	4.079	20769	670.12	36.7	106.75	928467	0.9546 ng/ml
Norhydrocodone	3.053	8307	164.10	43.2	34.56	61948	10.2072 ng/ml
Noroxycodone	2.889	64305	859.30	40.6	1201.87	212623	10.0081 ng/ml
O-desmethyl-tramadol	3.362	297683	999.30	6.8	1830.99	1707950	10.0431 ng/ml
Oxazepam	5.749	184120	2298.55	73.2	130.13	776484	10.0435 ng/ml
Oxycodone	2.814	126845	2717.89	27.2	288.50	528407	10.1058 ng/ml
Oxymorphone	1.385	69456	138.97	42.8	201.14	227993	10.0013 ng/ml
Phentermine	3.777	31654	71.16	4.2	10.53	356033	9.8241 ng/ml
Promethazine	5.532	40975	227.58	27.3	150.00	168516	10.2707 ng/ml
Pseudoephedrine	2.576	274695	2673.06	16.5	1600.00	1306559	9.9058 ng/ml
Quetiapine	5.548	46830	572.34	57.6	283.86	60188	10.3188 ng/ml
Sertraline	5.769	10537	158.67	98.2	197.80	44771	9.4037 ng/ml
Temazepam	5.816	312182	617.77	27.7	407.04	1450793	10.6067 ng/ml
Tramadol	4.239	238817	4443.01	3.9	132.64	1195338	9.7833 ng/ml
Trazodone	5.163	38436	76207.59	78.7	85.88	129489	10.4201 ng/ml
Venlafaxine	5.037	160635	253.50	38.2	335.70	814891	9.9956 ng/ml
Zolpidem	4.914	297323	2993.20	31.1	1710.51	1443099	10.1243 ng/ml

AM #28 Multi-Drug Quant. Results

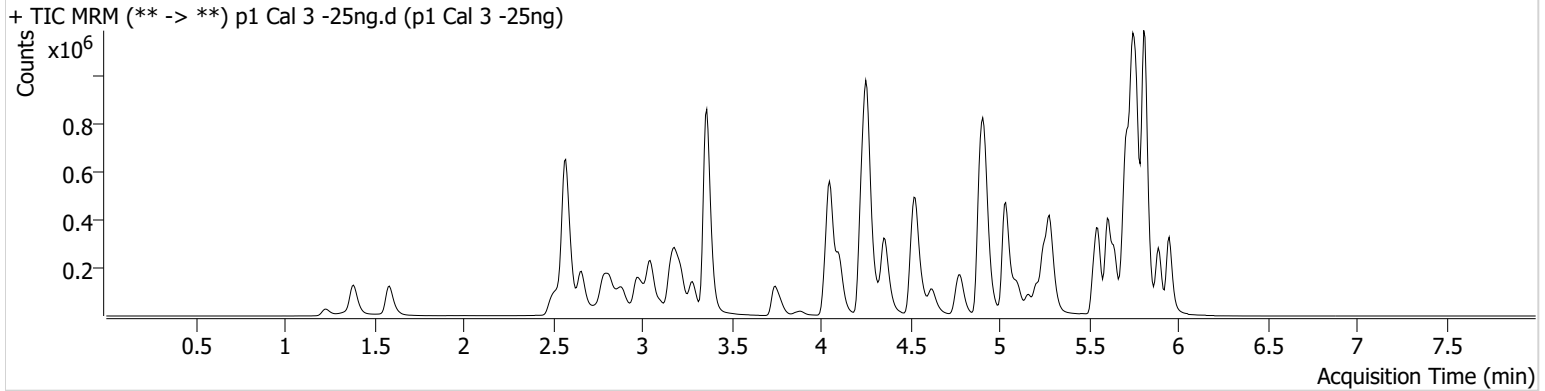
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Calibration Last Update 7/20/2021 10:08:06 AM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-F12	Comment	
Injection Volume	2		
Acq. Date-Time	7/15/2021 8:46:55 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	7170	1163.69	70.9	17068.37	80027	2.3083 ng/ml
7-aminoclonazepam	4.271	143931	234.40	77.1	25129.96	337728	24.3285 ng/ml
a-hydroxyalprazolam	5.692	116064	559.84	58.9	598.32	490100	25.9281 ng/ml
alpha-PHP	4.930	56635	3132.35	267.0	9401.95	497362	27.5823 ng/ml
alpha-PVP	4.363	280619	20436.88	53.6	159.25	497362	23.9826 ng/ml
Alprazolam	5.775	344776	4085.32	110.5	593.47	490100	24.0030 ng/ml
Amphetamine	3.049	394968	821.42	51.3	130.64	181385	25.9271 ng/ml
Benzoylecgonine	3.892	15606	252.92	7.5	788.61	24992	22.9304 ng/ml
Buprenorphine	5.846	2550	4032.07	10.0 Low	214.74	37042	2.9422 ng/ml
Bupropion	4.788	196600	271.47	60.3	210.32	269785	24.9632 ng/ml
Carisoprodol	5.724	325804	304.89	57.6	842.45	670270	24.2001 ng/ml
Citalopram	5.212	103120	1153.80	40.5	58369.90	182891	25.1909 ng/ml
Clonazepam	5.612	390576	516.64	31.7	131302.73	204767	24.2523 ng/ml
Clonazepam	5.549	281008	333896.09	37.8	178858.18	204767	24.3023 ng/ml
Cocaine	4.257	283907	1028.98	52.9	202.76	988749	24.2794 ng/ml
Codeine	2.560	40549	76845.72	97.5	6914.28	77672	25.8970 ng/ml
Cyclobenzaprine	5.615	67726	672.75	9.5	66.86	114395	24.1171 ng/ml
Dextromethorphan	5.262	46381	722.08	82.5	1811.98	95360	24.1291 ng/ml
Dextrophan	4.105	67320	522.86	211.5	209918.51	327383	24.1273 ng/ml
Diazepam	5.953	192981	855.69	88.9	590.17	378046	24.4782 ng/ml
Dihydrocodeine	2.532	104799	5128.63	68.0	5224.77	242076	26.8063 ng/ml
Diphenhydramine	5.289	225013	4574.67	33.3	5283.93	592360	24.2319 ng/ml
Doxylamine	4.529	509741	318.17	97.4	676080.27	905893	24.3852 ng/ml
EDDP	5.254	152902	499.64	42.0	9155.67	341271	24.2278 ng/ml
Etizolam	5.813	217391	8828.57	26.2	63191.21	204767	22.4227 ng/ml
Fentanyl	5.103	6844	24.65	69.7	10.72	151521	2.4144 ng/ml
Flualprazolam	5.698	159963	9850.08	97.1	21823.67	490100	25.0380 ng/ml
Fluoxetine	5.700	86058	371.37	8.0	1550.61	141394	25.5762 ng/ml
Hydrocodone	3.005	130608	298.23	40.7	78.67	321780	24.8158 ng/ml
Hydromorphone	1.588	134482	479001.04	77.5	24.51	187433	24.5176 ng/ml
Ketamine	4.044	278744	235.05	37.2	493.89	557411	24.3723 ng/ml
Lamotrigine	4.273	29687	1101.62	77.3	338.46	557411	26.6243 ng/ml
Levetiracetam	2.663	172475	3788.37	167.1	2068.97	1292583	25.9627 ng/ml

AM #28 Multi-Drug Quant. Results

TS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	367109	1335.37	56.6	1106.39	204767	25.8303 ng/ml
MDA	3.189	295211	1586.73	23.0	472.10	302573	25.0710 ng/ml
MDMA	3.283	184052	2529.20	74.1	1410.66	68407	24.2831 ng/ml
Meprobamate	4.917	186109	1637.68	28.6	186.85	316645	27.2033 ng/ml
Methadone	5.646	148277	1223.71	49.4	1331.83	264999	24.5146 ng/ml
Methamphetamine	3.224	226368	749.05	36.7	292.30	364605	26.7633 ng/ml
Metoprolol	4.326	54092	92187.43	90.0	577.24	1191747	25.4046 ng/ml
Mirtazapine	4.624	164281	2337.26	51.0	765.14	497362	25.2040 ng/ml
Mitragynine	5.237	26224	29670.56	38.7	16827.77	264999	28.6151 ng/ml
Morphine	1.233	19635	607.52	34.6	495.54	8433	25.2576 ng/ml
Norbuprenorphine	4.979	274	529.71	118.1	883.48	6054	2.4155 ng/ml
Nordiazepam	5.900	212783	586.34	56.9	1924.82	269404	25.0190 ng/ml
Norfentanyl	4.079	51004	625.30	33.7	1233.89	936357	2.3588 ng/ml
Norhydrocodone	3.053	19470	61.64	41.2	28.65	61292	24.2637 ng/ml
Noroxycodone	2.896	150960	394.55	41.7	631.83	215484	23.8755 ng/ml
O-desmethyl-tramadol	3.362	703024	1264.40	6.9	1995.96	1730720	23.8279 ng/ml
Oxazepam	5.749	439588	1574.42	70.7	219.32	754001	25.8871 ng/ml
Oxycodone	2.821	295919	1126.01	28.3	686.57	535871	24.3151 ng/ml
Oxymorphone	1.385	160490	413.93	43.8	558.43	223369	25.0048 ng/ml
Phentermine	3.783	81447	336.94	3.7	41.13	360930	26.7275 ng/ml
Promethazine	5.532	146166	785.25	27.9	363.87	265124	24.1242 ng/ml
Pseudoephedrine	2.583	639466	2957.06	16.2	9943.15	1292583	23.6523 ng/ml
Quetiapine	5.548	144944	2646.21	61.0	19970.91	81864	24.0725 ng/ml
Sertraline	5.769	40667	271.22	95.7	78684.20	67872	24.8355 ng/ml
Temazepam	5.816	717997	8240.17	29.8	4112.02	1459368	23.5923 ng/ml
Tramadol	4.246	577972	16479.63	3.7	102.15	1191747	24.6284 ng/ml
Trazodone	5.163	122413	313077.73	81.6	292665.85	187603	23.5977 ng/ml
Venlafaxine	5.037	389470	899.97	39.0	877.98	857717	23.3979 ng/ml
Zolpidem	4.914	702842	9667.49	31.5	1582.02	1476664	24.6258 ng/ml

AM #28 Multi-Drug Quant. Results

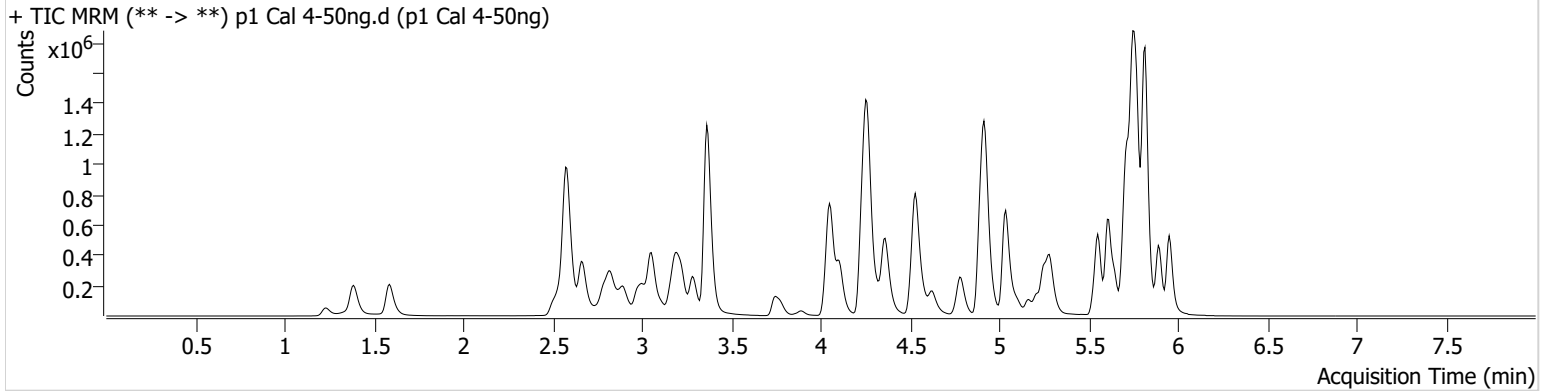
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Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-E12	Comment	
Injection Volume	2		
Acq. Date-Time	7/15/2021 8:57:31 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	16598	381.99	73.2	64204.35	89936	4.8242 ng/ml
7-aminoclonazepam	4.271	295349	4371.01	79.4	35695.28	344590	49.1758 ng/ml
a-hydroxyalprazolam	5.692	235038	581.39	58.8	515.80	505345	52.5949 ng/ml
alpha-PHP	4.930	106430	1510.79	268.8	1277.38	529470	49.3821 ng/ml
alpha-PVP	4.363	617671	443.61	52.6	8785.25	529470	50.0628 ng/ml
Alprazolam	5.775	728152	2368.59	111.7	2861.42	505345	49.7322 ng/ml
Amphetamine	3.056	755491	5194.23	50.7	1310.20	174223	52.6452 ng/ml
Benzoylecgonine	3.892	33125	1207.80	8.2	80.97	25457	47.6848 ng/ml
Buprenorphine	5.853	3350	4352.53	15.8	803.52	24651	5.1791 ng/ml
Bupropion	4.788	362645	107475.25	60.5	2820.64	252515	49.6373 ng/ml
Carisoprodol	5.724	650125	1345969.93	57.2	374.60	690634	47.2717 ng/ml
Citalopram	5.212	143570	306.34	42.2	262.19	134180	48.4647 ng/ml
Clonazepam	5.612	846352	17254.64	31.4	639.17	213890	51.6989 ng/ml
Clonazepam	5.549	575903	21399.69	38.5	514313.22	213890	48.5299 ng/ml
Cocaine	4.257	606293	1237431.55	51.3	330.31	1055786	49.0190 ng/ml
Codeine	2.560	87541	494.49	99.0	119.24	86244	51.3378 ng/ml
Cyclobenzaprine	5.615	76091	71639.07	9.4	104.21	64331	48.0663 ng/ml
Dextromethorphan	5.262	57644	528.62	83.3	408.81	57646	50.1562 ng/ml
Dextrophan	4.112	141314	330.35	204.3	17368.58	334499	50.0217 ng/ml
Diazepam	5.953	422061	1544.70	88.6	288.26	411416	49.6637 ng/ml
Dihydrocodeine	2.538	230068	1854.63	67.2	3925.00	270118	54.1466 ng/ml
Diphenhydramine	5.289	302342	911310.35	33.6	1416.55	398448	48.6703 ng/ml
Doxylamine	4.529	1034470	6392.31	99.1	63754.59	939614	48.1180 ng/ml
EDDP	5.254	271233	344.50	42.1	105.66	299738	49.3588 ng/ml
Etizolam	5.813	460084	21282.73	25.9	858.34	213890	45.5724 ng/ml
Fentanyl	5.103	7332	67.69	68.6	8095.31	82908	4.8595 ng/ml
Flualprazolam	5.698	339521	4013.55	97.4	38824.53	505345	52.6489 ng/ml
Fluoxetine	5.700	87657	1868.43	8.4	7273.55	72404	52.1850 ng/ml
Hydrocodone	3.005	291594	1415.47	40.7	250.36	354873	51.2812 ng/ml
Hydromorphone	1.588	290901	880375.44	77.5	23.94	201873	49.9669 ng/ml
Ketamine	4.051	607215	658.75	38.0	1646.01	605137	49.4772 ng/ml
Lamotrigine	4.273	60771	3050.46	79.8	980.39	605137	51.2419 ng/ml
Levetiracetam	2.670	357606	2151.23	166.9	3018.32	1409629	49.6730 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	720727	30721.72	56.7	695.35	213890	50.0430 ng/ml
MDA	3.196	576307	1876.26	22.7	603.05	290942	51.8094 ng/ml
MDMA	3.290	372859	6343.74	73.5	2441.09	68083	49.9270 ng/ml
Meprobamate	4.917	376517	669.33	28.2	126.42	324589	55.9761 ng/ml
Methadone	5.646	180402	1440.47	49.7	295.31	161500	49.4944 ng/ml
Methamphetamine	3.224	395476	1579.10	38.0	3020.48	346452	50.9550 ng/ml
Metoprolol	4.326	112538	38522.93	96.6	1717.35	1321506	48.1504 ng/ml
Mirtazapine	4.624	223522	3986.16	52.7	502.54	529470	31.5638 ng/ml
Mitragynine	5.237	27970	1248.96	42.5	14955.86	161500	50.3189 ng/ml
Morphine	1.233	42738	288.82	35.5	248.96	9290	50.3445 ng/ml
Norbuprenorphine	4.999	412	588.38	114.7	234.49	3991	5.0975 ng/ml
Nordiazepam	5.900	459863	935.46	55.9	733.80	294009	50.4348 ng/ml
Norfentanyl	4.079	106894	212.79	34.7	477.93	991189	4.6934 ng/ml
Norhydrocodone	3.053	40126	230.75	40.7	220.56	61669	49.7643 ng/ml
Noroxycodone	2.896	329142	1399.21	42.6	5764.50	228963	49.5458 ng/ml
O-desmethyl-tramadol	3.369	1574946	21971.95	6.9	652.64	1960105	47.4432 ng/ml
Oxazepam	5.749	881284	20286.82	72.9	1455.31	789509	50.3124 ng/ml
Oxycodone	2.821	664832	1540.67	28.1	1203.55	595320	50.0122 ng/ml
Oxymorphone	1.385	351955	∞	42.3	∞	243772	51.2989 ng/ml
Phentermine	3.783	155380	218.75	4.0	64.59	360972	52.0408 ng/ml
Promethazine	5.532	173587	3236.48	28.3	230.78	157905	48.7599 ng/ml
Pseudoephedrine	2.583	1417804	994.44	16.2	1439.55	1409629	48.3488 ng/ml
Quetiapine	5.548	204213	326.97	60.1	427812.36	56865	49.3027 ng/ml
Sertraline	5.769	43556	292.67	92.1	1166.44	36606	49.8904 ng/ml
Temazepam	5.816	1522577	734.81	29.0	3104.57	1546522	46.6975 ng/ml
Tramadol	4.246	1269535	25263.00	3.7	230.08	1321506	49.3901 ng/ml
Trazodone	5.163	158888	510525.68	78.2	245350.31	114107	51.0117 ng/ml
Venlafaxine	5.037	829195	1320.60	37.2	2646.60	892796	48.1567 ng/ml
Zolpidem	4.921	1511699	155582.57	31.0	2958.68	1586790	50.2357 ng/ml

AM #28 Multi-Drug Quant. Results

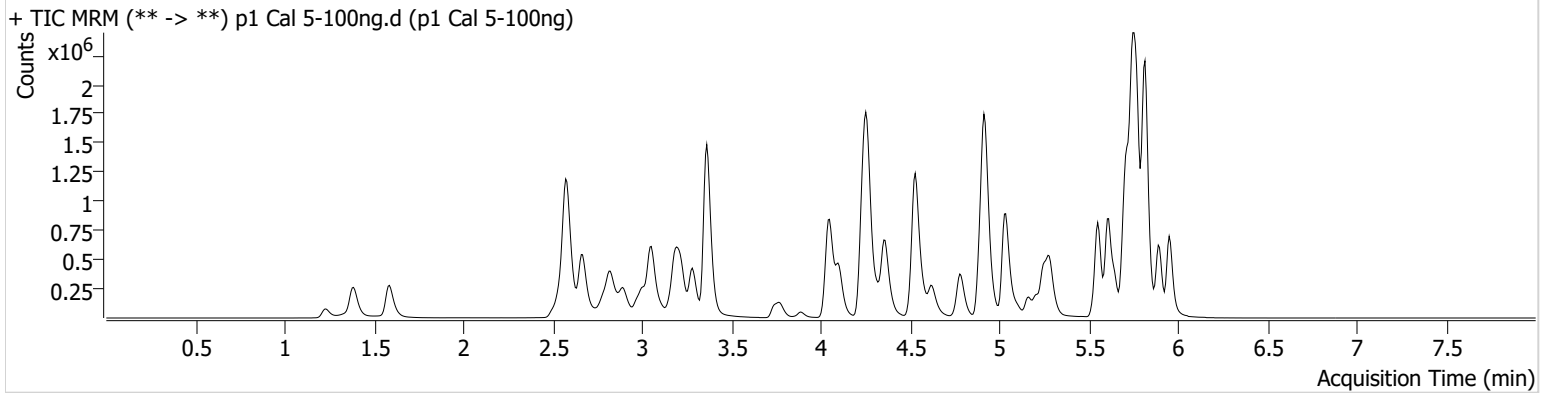
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Calibration Last Update 7/20/2021 10:08:06 AM

Instrument	Falco (069901)	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-D12	Comment	
Injection Volume	2		
Acq. Date-Time	7/15/2021 9:08:06 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	27088	1481.70	69.1	44109.34	71636	9.9529 ng/ml
7-aminoclonazepam	4.265	440891	7510.55	76.5	5525.92	253209	100.1539 ng/ml
a-hydroxyalprazolam	5.692	364332	826.55	55.1	1072.79	405682	103.1712 ng/ml
alpha-PHP	4.930	180582	959.80	268.2	31362.40	434465	103.0758 ng/ml
alpha-PVP	4.363	966175	599.67	52.3	691.91	434465	95.8370 ng/ml
Alprazolam	5.775	1146288	4388.69	111.7	1210.29	405682	98.0448 ng/ml
Amphetamine	3.056	1157203	20963.06	51.2	5424.54	136540	103.8681 ng/ml
Benzoylecgonine	3.886	56189	1733.29	8.1	156.43	20489	100.4004 ng/ml
Buprenorphine	5.853	5553	5907.69	17.4	1868.43	20924	9.5006 ng/ml
Bupropion	4.781	607276	30875.68	60.6	7294.16	213766	98.6336 ng/ml
Carisoprodol	5.724	999102	35272.22	57.5	546.40	521286	96.6952 ng/ml
Citalopram	5.212	233746	709.59	42.0	1205.56	110421	96.6020 ng/ml
Clonazepam	5.612	1284544	13331.07	31.9	17000.45	166572	101.9795 ng/ml
Clonazepam	5.548	924326	52113.19	36.6	973219.63	166572	100.9523 ng/ml
Cocaine	4.257	980066	545.47	51.9	235682.22	869439	96.6667 ng/ml
Codeine	2.560	139029	1203.77	99.3	7718.15	66052	107.5787 ng/ml
Cyclobenzaprine	5.615	98125	459.01	9.3	203.19	39612	100.5361 ng/ml
Dextromethorphan	5.255	95207	12901.53	81.9	298.22	47533	100.9862 ng/ml
Dextrophan	4.105	232605	10703.63	205.0	14077.90	277831	99.5522 ng/ml
Diazepam	5.953	684181	7464.17	86.9	4997.34	330944	100.5561 ng/ml
Dihydrocodeine	2.538	365860	29798.62	65.9	505.70	219500	107.3538 ng/ml
Diphenhydramine	5.289	523805	243.12	29.4	5388.03	344599	97.7640 ng/ml
Doxylamine	4.529	1816746	1039.70	97.4	16484.34	815679	97.7796 ng/ml
EDDP	5.248	476466	250.61	42.0	3400.96	264737	98.5841 ng/ml
Etizolam	5.813	735285	50237.16	25.3	305120.08	166572	93.6652 ng/ml
Fentanyl	5.103	10688	145.35	66.0	9122.49	59887	9.9481 ng/ml
Flualprazolam	5.698	525912	1138.72	97.7	26569.17	405682	102.5606 ng/ml
Fluoxetine	5.700	92930	314.19	8.3	16145.88	42006	96.4548 ng/ml
Hydrocodone	3.005	455627	604.84	39.5	195.35	284065	101.0729 ng/ml
Hydromorphone	1.588	443109	1417772.81	79.7	1698214.56	159845	96.7875 ng/ml
Ketamine	4.044	1001762	3262.89	36.1	326.28	493253	100.7228 ng/ml
Lamotrigine	4.273	97912	4155.38	77.7	79705.45	493253	102.4302 ng/ml
Levetiracetam	2.670	576509	4556.78	164.3	4329.58	1111132	101.9546 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	1053392	4313.55	57.2	1081.31	166572	95.4078 ng/ml
MDA	3.189	963871	4001.37	22.8	1558.75	242798	104.7194 ng/ml
MDMA	3.283	641010	7180.72	73.8	2166.72	61287	95.7901 ng/ml
Meprobamate	4.917	572198	17662.42	28.4	3521.09	266073	105.7825 ng/ml
Methadone	5.646	291874	1621.51	48.1	1401.37	134206	96.8906 ng/ml
Methamphetamine	3.224	639980	1016.39	38.4	988.40	288599	100.9537 ng/ml
Metoprolol	4.319	185908	75654.51	92.3	996.99	1081477	97.7611 ng/ml
Mirtazapine	4.624	402581	2206.90	51.8	1763.05	434465	66.4896 ng/ml
Mitragynine	5.230	44201	1671.91	38.5	1168.02	134206	95.9799 ng/ml
Morphine	1.233	68203	622.78	36.3	206.26	7380	101.5811 ng/ml
Norbuprenorphine	4.986	790	707.50	81.2	224.93	3341	11.2733 ng/ml
Nordiazepam	5.900	722604	930.19	56.5	7311.70	233264	100.7780 ng/ml
Norfentanyl	4.079	181035	18122.19	33.7	321.38	826922	9.5523 ng/ml
Norhydrocodone	3.053	60261	150.81	42.1	54.14	49296	93.5471 ng/ml
Noroxycodone	2.896	504266	3201.46	42.9	505.40	181819	96.0781 ng/ml
O-desmethyl-tramadol	3.362	2538168	1572.74	6.8	558.42	1567821	95.9112 ng/ml
Oxazepam	5.749	1321990	11076.20	73.0	2483.27	592822	101.3286 ng/ml
Oxycodone	2.821	1038962	3083.84	27.5	3206.85	466557	100.5424 ng/ml
Oxymorphone	1.385	543093	∞	42.2	624.56	195151	99.8476 ng/ml
Phentermine	3.776	261383	227.89	3.8	67.53	309053	103.3751 ng/ml
Promethazine	5.532	227471	25691.56	27.8	1856.73	100128	101.4702 ng/ml
Pseudoephedrine	2.583	2173830	5052.62	16.2	868.65	1111132	94.2843 ng/ml
Quetiapine	5.548	358814	1972154.76	60.0	1012.41	47716	103.7431 ng/ml
Sertraline	5.769	44311	207.57	97.1	15287.80	19098	97.8321 ng/ml
Temazepam	5.816	2307283	2381.96	29.5	3099.85	1174996	92.6304 ng/ml
Tramadol	4.239	2048667	1051.69	3.7	245.88	1081477	97.9900 ng/ml
Trazodone	5.163	272939	66153.85	81.1	235586.45	102545	98.0343 ng/ml
Venlafaxine	5.037	1393159	55608.42	37.6	1573.05	741346	97.7315 ng/ml
Zolpidem	4.914	2462104	52574.37	30.6	3791.93	1298790	100.8962 ng/ml

AM #28 Multi-Drug Quant. Results

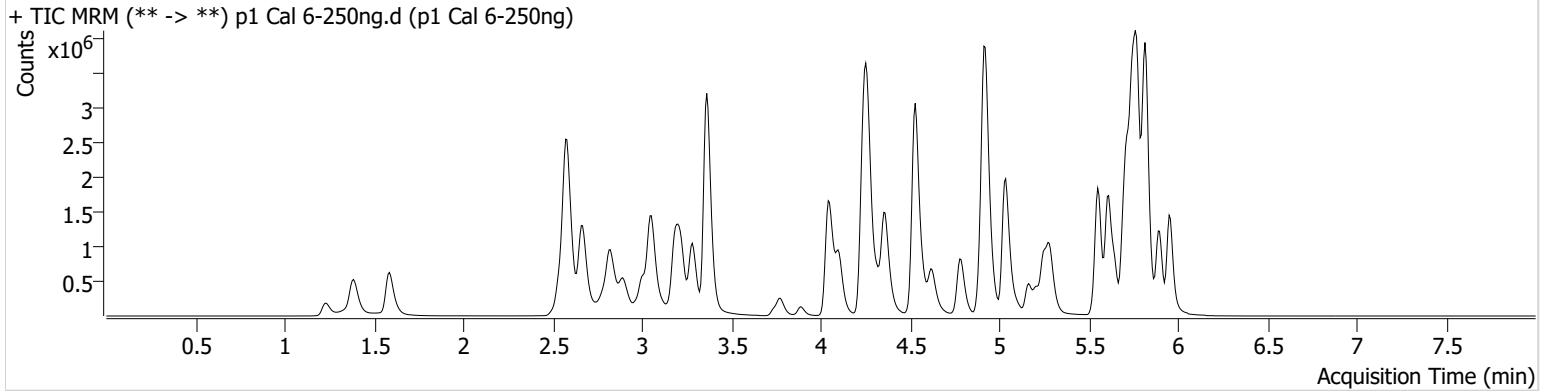
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Calibration Last Update 7/20/2021 10:08:06 AM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-C12	Comment	
Injection Volume	2		
Acq. Date-Time	7/15/2021 9:18:42 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	75720	2981.98	67.7	1394.83	77734	25.7428 ng/ml
7-aminoclonazepam	4.271	1036040	26292.00	77.3	12522.58	240723	247.9170 ng/ml
a-hydroxyalprazolam	5.692	680636	331.90	57.3	500.87	372983	211.4298 ng/ml
alpha-PHP	4.930	422829	5147.28	268.2	1631.14	431989	243.9585 ng/ml
alpha-PVP	4.363	2464249	30448.51	52.3	25276.23	431989	246.5330 ng/ml
Alprazolam	5.775	2721000	4933.60	114.8	2481.81	372983	253.9950 ng/ml
Amphetamine	3.056	2868204	15868.04	51.0	3127.21	139230	253.9334 ng/ml
Benzoylecgonine	3.886	156485	1034.85	7.6	1906.01	23440	244.2870 ng/ml
Buprenorphine	5.853	11205	512.23	14.8	4900.95	16669	23.0744 ng/ml
Bupropion	4.788	1470100	105884.97	60.1	6634.99	205723	248.7966 ng/ml
Carisoprodol	5.724	2013450	1422926.76	58.0	15893.06	414266	245.8722 ng/ml
Citalopram	5.212	561569	216.02	40.9	594.63	101434	253.8356 ng/ml
Clonazepam	5.612	2905996	40620.45	31.7	19849.10	150469	257.3388 ng/ml
Clonazepam	5.549	2164989	43721.55	37.4	1384772.58	150469	263.1648 ng/ml
Cocaine	4.257	2591388	28851.19	51.4	588.16	895497	248.8823 ng/ml
Codeine	2.560	314984	900.13	101.9	5368.55	67087	241.2562 ng/ml
Cyclobenzaprine	5.615	222404	434.66	8.9	640.66	36100	249.8688 ng/ml
Dextromethorphan	5.255	224150	247.91	81.3	3261.25	43909	258.1786 ng/ml
Dextrophan	4.105	570111	42627.49	206.7	1451.67	270672	251.1044 ng/ml
Diazepam	5.953	1672745	454.44	86.1	20401.63	324744	251.2369 ng/ml
Dihydrocodeine	2.538	932226	3009.36	68.1	30059.59	238866	253.3159 ng/ml
Diphenhydramine	5.289	1269146	∞	33.7	17450.51	327971	249.2959 ng/ml
Doxylamine	4.529	4778954	3330.77	96.3	8708.99	854713	246.1047 ng/ml
EDDP	5.254	1151151	13258.81	42.0	6466.61	255867	247.0636 ng/ml
Etizolam	5.813	1812730	17666.54	24.3	1114402.25	150469	255.8678 ng/ml
Fentanyl	5.103	25425	1108.12	62.9	24129.80	55857	25.5866 ng/ml
Flualprazolam	5.698	1166330	17721.67	101.0	991.04	372983	248.8715 ng/ml
Fluoxetine	5.700	172260	240.95	8.6	109.82	30548	247.9112 ng/ml
Hydrocodone	3.005	1163364	2352.21	41.8	314.11	303095	243.2886 ng/ml
Hydromorphone	1.588	1167196	1717.99	77.3	7975.79	163815	249.9002 ng/ml
Ketamine	4.044	2712851	23047.08	36.2	8452.07	529641	254.8901 ng/ml
Lamotrigine	4.273	226861	1040.37	83.1	2082.48	529641	222.3827 ng/ml
Levetiracetam	2.670	1436708	4540.09	165.2	4560.98	1129960	250.3483 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	1564010	51644.52	58.4	3523.72	150469	157.9094 ng/ml
MDA	3.189	2336927	3502.58	22.1	1643.43	242251	255.7304 ng/ml
MDMA	3.283	1659980	11430.20	73.5	2098.35	60135	253.6023 ng/ml
Meprobamate	4.917	1141916	20822.72	28.9	2918.00	244662	232.3319 ng/ml
Methadone	5.646	695408	25503.01	50.3	775.49	126007	246.7237 ng/ml
Methamphetamine	3.224	1508482	989.24	38.2	4299.80	279685	248.5255 ng/ml
Metoprolol	4.319	490257	6526.47	92.1	15441.60	1147200	243.8603 ng/ml
Mirtazapine	4.624	996008	967.37	52.4	50473.22	431989	161.9667 ng/ml
Mitragynine	5.230	104135	36019.55	37.8	1126.29	126007	241.3161 ng/ml
Morphine	1.233	176318	1664.50	36.8	658.40	7545	257.5507 ng/ml
Norbuprenorphine	4.979	1629	784.46	100.6	15738.35	3341	22.9119 ng/ml
Nordiazepam	5.900	1668457	2449.46	55.4	14127.69	215588	253.1287 ng/ml
Norfentanyl	4.079	480058	1982.35	34.1	3802.63	839746	24.9818 ng/ml
Norhydrocodone	3.053	136768	284.05	42.7	371.85	42113	248.6282 ng/ml
Noroxycodone	2.896	1178601	1483.21	42.9	∞	169762	241.3007 ng/ml
O-desmethyl-tramadol	3.362	7116752	154986.43	6.5	696.84	1663459	253.9837 ng/ml
Oxazepam	5.749	2293732	25680.02	72.8	11741.35	409963	255.4640 ng/ml
Oxycodone	2.821	2841809	3289.27	27.2	1220.56	508255	253.6859 ng/ml
Oxymorphone	1.385	1317279	∞	42.6	456.10	183387	259.3658 ng/ml
Phentermine	3.776	636626	7223.39	3.8	149.86	307472	254.7633 ng/ml
Promethazine	5.532	495362	17877.92	28.1	1195.38	90676	244.9318 ng/ml
Pseudoephedrine	2.583	5839167	1561.28	16.0	1199.28	1129960	249.4552 ng/ml
Quetiapine	5.555	902488	253.55	59.3	45344.27	50507	247.1560 ng/ml
Sertraline	5.769	84525	3579.51	96.7	30283.66	14114	253.4395 ng/ml
Temazepam	5.816	4864213	45196.63	28.1	20958.62	931339	245.5233 ng/ml
Tramadol	4.239	5327622	1521.85	3.6	533.14	1147200	241.1218 ng/ml
Trazodone	5.163	734991	26492.44	80.7	1641.94	109150	248.9023 ng/ml
Venlafaxine	5.037	3677385	2654.10	37.0	1323.04	784853	244.0993 ng/ml
Zolpidem	4.914	6667657	6141.69	29.9	64725.60	1380579	258.5122 ng/ml

AM #28 Multi-Drug Quant. Results

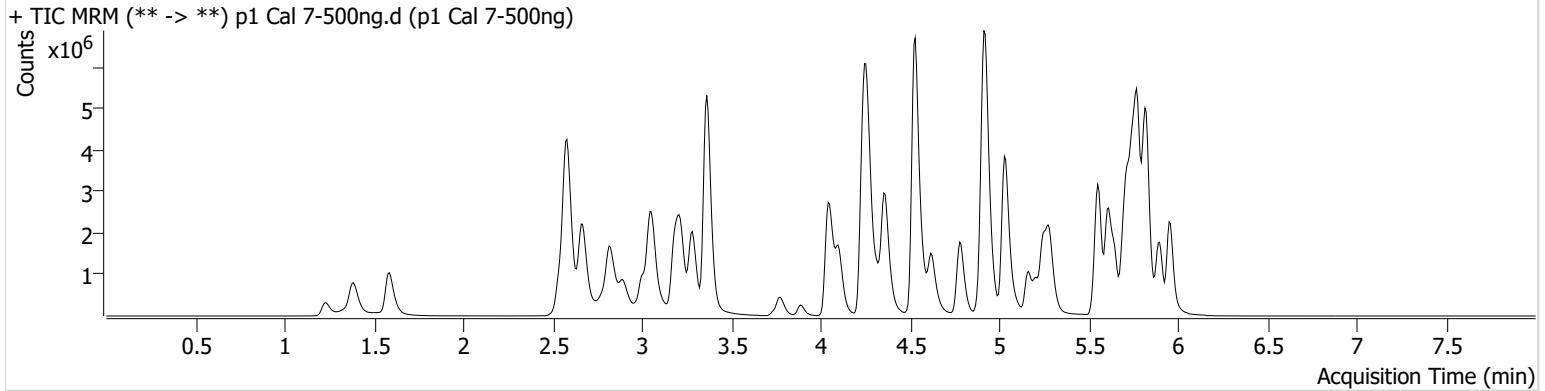
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Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-B12	Comment	
Injection Volume	2		
Acq. Date-Time	7/15/2021 9:29:18 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	144272	869.94	69.0	559.59	75185	50.7757 ng/ml
7-aminoclonazepam	4.271	1608159	13235.67	78.3	10834.76	182002	509.2364 ng/ml
a-hydroxyalprazolam	5.685	878764	1034.71	56.4	712.50	304552	335.3191 ng/ml
alpha-PHP	4.930	855909	17076.74	269.6	1390.88	437673	488.3202 ng/ml
alpha-PVP	4.363	5249517	833.37	51.2	72313.47	437673	518.8524 ng/ml
Alprazolam	5.775	4471681	988.86	112.0	2914.42	304552	511.7535 ng/ml
Amphetamine	3.056	5410606	3725.92	49.6	9681.43	136944	487.9570 ng/ml
Benzoylecgonine	3.886	324341	640.95	7.4	108611.13	23090	513.8935 ng/ml
Buprenorphine	5.853	24839	1871.83	13.3	3244.59	16793	49.9973 ng/ml
Bupropion	4.781	3221550	76944.05	60.2	24914.96	224059	501.0529 ng/ml
Carisoprodol	5.724	2905300	5575195.74	56.0	20603.73	275941	533.1313 ng/ml
Citalopram	5.205	1239800	2976.81	41.4	1050.97	111091	512.4354 ng/ml
Clonazepam	5.612	4539893	72481.11	30.6	32333.54	118203	513.0445 ng/ml
Clonazolam	5.549	3341813	262912.65	38.2	792414.44	118203	517.9475 ng/ml
Cocaine	4.257	4864661	33857.13	50.8	55921.77	808089	518.2475 ng/ml
Codeine	2.560	512747	515.82	95.5	15642.76	57934	455.7012 ng/ml
Cyclobenzaprine	5.615	507753	14953.52	8.9	1148.37	40086	513.6009 ng/ml
Dextromethorphan	5.255	485370	232.34	80.6	180.96	49903	492.3746 ng/ml
Dextrophan	4.105	1103523	1134.68	206.3	1365.40	261815	502.9173 ng/ml
Diazepam	5.960	2870790	24329.74	86.3	15549.60	276380	507.1022 ng/ml
Dihydrocodeine	2.538	1641352	1631.89	69.2	2798.53	226862	470.8493 ng/ml
Diphenhydramine	5.282	2859574	426.31	33.0	866.68	359670	512.4762 ng/ml
Doxylamine	4.529	10776261	158710.12	96.9	1952.58	893978	531.0680 ng/ml
EDDP	5.248	2732229	1534.22	41.7	841.21	291304	515.5173 ng/ml
Etizolam	5.813	3016407	3187.22	25.3	9084.28	118203	542.1418 ng/ml
Fentanyl	5.103	58130	1669.66	63.4	111859.83	63454	51.6352 ng/ml
Flualprazolam	5.698	1888691	10824.91	103.7	917.88	304552	494.5922 ng/ml
Fluoxetine	5.700	309246	19357.17	8.7	19621.87	27253	500.1968 ng/ml
Hydrocodone	3.005	2208454	1330.42	39.1	849.48	286985	488.7941 ng/ml
Hydromorphone	1.588	2123279	8167950.53	77.8	1078597.52	144896	514.7198 ng/ml
Ketamine	4.044	5183240	2459.51	36.2	1586.96	510714	505.6048 ng/ml
Lamotrigine	4.273	365060	2399.66	81.0	7918.03	510714	371.8998 ng/ml
Levetiracetam	2.670	2470279	7465.12	166.8	19014.10	1011555	481.1535 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	1657458	29230.90	57.2	8624.07	118203	213.6169 ng/ml
MDA	3.189	4170274	6154.90	22.2	2390.73	224738	492.7319 ng/ml
MDMA	3.283	3343727	112852.86	73.0	11853.57	60755	506.1014 ng/ml
Meprobamate	4.917	1579650	59588.08	28.1	4227.94	196352	402.1663 ng/ml
Methadone	5.646	1591106	23058.97	49.7	603.05	141641	502.7757 ng/ml
Methamphetamine	3.224	3252066	2657.33	37.0	2236.95	301546	499.0253 ng/ml
Metoprolol	4.319	927842	788689.06	91.5	4432.21	1027664	515.8218 ng/ml
Mirtazapine	4.624	2255195	137813.42	52.4	5391.65	437673	359.0838 ng/ml
Mitragynine	5.230	227451	2413.08	40.7	43018.67	141641	469.2064 ng/ml
Morphine	1.233	318065	1477.94	37.5	266.34	7245	484.2155 ng/ml
Norbuprenorphine	4.979	3594	102.49	82.7	2167.38	3183	52.6469 ng/ml
Nordiazepam	5.900	2654505	1119.58	56.2	2842.57	171354	507.5949 ng/ml
Norfentanyl	4.079	954602	15981.00	34.6	3564.13	784946	53.1716 ng/ml
Norhydrocodone	3.053	237665	363.55	43.0	710.84	35922	506.5707 ng/ml
Noroxycodone	2.896	1925600	1554.99	42.5	8898.42	132978	503.8611 ng/ml
O-desmethyl-tramadol	3.362	13391689	115134.11	6.4	17896.76	1475035	539.3312 ng/ml
Oxazepam	5.749	2575988	19879.82	73.7	5452.61	237653	495.6825 ng/ml
Oxycodone	2.814	5377133	5548.83	26.9	1280.45	483872	505.0110 ng/ml
Oxymorphone	1.385	2259652	∞	42.8	∞	164159	497.9836 ng/ml
Phentermine	3.776	1266554	417.67	3.8	173.28	317231	492.3371 ng/ml
Promethazine	5.532	1152987	1686.63	28.3	600.24	101684	509.0889 ng/ml
Pseudoephedrine	2.583	11003177	98002.12	15.5	2616.36	1011555	525.3697 ng/ml
Quetiapine	5.548	2065378	327161.49	56.8	434.87	56064	510.0489 ng/ml
Sertraline	5.769	151995	471.84	99.5	146.41	13108	491.2434 ng/ml
Temazepam	5.823	6723276	40018.37	27.9	10858.07	626296	504.1080 ng/ml
Tramadol	4.239	10434530	46230.45	3.5	880.41	1027664	527.9173 ng/ml
Trazodone	5.163	1715479	865.53	81.9	1501.23	122080	520.0379 ng/ml
Venlafaxine	5.030	7871798	96151.95	36.1	1787.58	769436	533.3264 ng/ml
Zolpidem	4.914	12977198	269157.29	29.1	12272.93	1346725	516.7274 ng/ml

AM #28 Multi-Drug Quant. Results

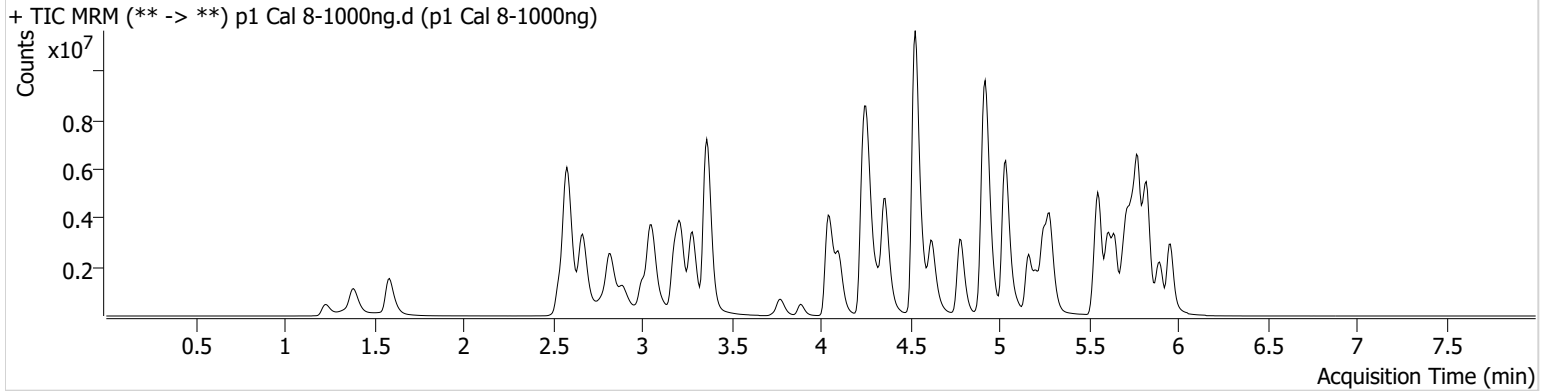
TS



Batch results D:\MassHunter\Data\2021\AM 27-28\071521 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/20/2021 10:08:06 AM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-A12	Comment	
Injection Volume	2		
Acq. Date-Time	7/15/2021 9:39:53 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	237153	651.66	71.9	661.77	63504	98.8794 ng/ml
7-aminoclonazepam	4.271	2030115	19046.95	77.6	∞	115708	1011.4146 ng/ml
a-hydroxyalprazolam	5.685	1013272	200.91	56.4	1442.46	210595	560.3044 ng/ml
alpha-PHP	4.930	1332839	26658.82	274.9	19081.82	364630	913.5350 ng/ml
alpha-PVP	4.363	8786974	59185.81	51.4	409467.73	364630	1042.9129 ng/ml
Alprazolam	5.775	6128226	9334.01	110.4	411.66	210595	1014.7657 ng/ml
Amphetamine	3.056	8523494	88608.60	48.8	4715.16	118609	888.3558 ng/ml
Benzoylecgonine	3.886	582204	9815.19	8.0	95060.89	21401	995.2026 ng/ml
Buprenorphine	5.853	50027	9874.68	14.9	30323.96	15389	109.1198 ng/ml
Bupropion	4.781	5838576	2833.76	60.1	24646.38	198981	1023.0051 ng/ml
Carisoprodol	5.724	3522084	30355.95	58.3	22929.43	169260	1054.0932 ng/ml
Citalopram	5.212	2425397	26527.85	41.7	20357.64	107106	1040.5223 ng/ml
Clonazepam	5.612	5558947	106153.65	31.4	34018.12	79935	930.0036 ng/ml
Clonazepam	5.555	4237490	19691.71	37.0	22311.27	79935	971.9660 ng/ml
Cocaine	4.257	7775386	820.69	50.1	125185.30	648451	1032.7167 ng/ml
Codeine	2.560	685235	2035.69	102.8	8455.69	45727	772.2920 ng/ml
Cyclobenzaprine	5.615	1270126	13320.03	9.1	179.21	50418	1021.3627 ng/ml
Dextromethorphan	5.255	1068634	718.98	81.7	10131.40	54610	991.1409 ng/ml
Dextrophan	4.105	1816513	17450.46	206.2	71138.62	212091	1022.3859 ng/ml
Diazepam	5.960	3947523	8196.57	89.4	20166.62	194062	993.5264 ng/ml
Dihydrocodeine	2.538	2511279	41624.60	67.9	24854.41	197783	827.4197 ng/ml
Diphenhydramine	5.282	6131924	70307.27	32.8	23916.56	380699	1038.4994 ng/ml
Doxylamine	4.529	19554269	310928.65	97.3	3951.17	836937	1029.7359 ng/ml
EDDP	5.248	4796987	24180.68	40.8	19801.96	254859	1034.9469 ng/ml
Etizolam	5.813	4308704	8207.76	25.0	37965.07	79935	1145.3055 ng/ml
Fentanyl	5.103	155170	136.97	67.3	214.47	83905	104.3773 ng/ml
Flualprazolam	5.705	2433816	41436.24	103.7	679984.24	210595	922.5997 ng/ml
Fluoxetine	5.707	693218	62573.47	8.6	272.98	31218	980.1183 ng/ml
Hydrocodone	3.005	3491446	529.74	40.7	567.54	241545	919.0238 ng/ml
Hydromorphone	1.588	3276190	2091.85	78.0	12910.23	112750	1021.3435 ng/ml
Ketamine	4.044	8633340	2413.46	35.2	2497.10	435191	988.8369 ng/ml
Lamotrigine	4.280	482732	14477.78	79.8	932.03	435191	577.7661 ng/ml
Levetiracetam	2.670	3768630	5941.47	170.1	10051.83	769352	965.4779 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	1595632	22151.16	57.1	1932.02	79935	304.8219 ng/ml
MDA	3.189	6239993	20303.56	22.1	8740.14	182158	910.3634 ng/ml
MDMA	3.283	5884559	11881.51	72.6	12807.68	53110	1019.3775 ng/ml
Meprobamate	4.917	1927497	92516.57	28.4	4330.00	154890	623.3713 ng/ml
Methadone	5.646	3693285	30167.75	47.8	56703.92	154393	1071.2844 ng/ml
Methamphetamine	3.217	5878126	10525.65	36.4	2536.04	286557	951.0554 ng/ml
Metoprolol	4.319	1469950	22196.01	93.3	31164.65	819338	1025.5300 ng/ml
Mirtazapine	4.624	4933471	3001.26	51.7	68479.98	364630	939.0938 ng/ml
Mitragynine	5.230	505453	2942.97	39.4	5632.46	154393	956.9044 ng/ml
Morphine	1.233	506581	∞	38.1	3392.13	5729	975.7678 ng/ml
Norbuprenorphine	4.986	6796	4541.30	98.4	3297.34	3445	91.7574 ng/ml
Nordiazepam	5.900	3452660	21401.65	55.4	416.50	118033	959.2746 ng/ml
Norfentanyl	4.079	1544392	14111.54	35.1	1458.91	611767	110.4002 ng/ml
Norhydrocodone	3.046	391156	∞	42.2	124.61	27954	1071.4681 ng/ml
Noroxycodone	2.896	2619345	3249.76	43.4	1470.90	82304	1108.0087 ng/ml
O-desmethyl-tramadol	3.362	20387096	92197.24	6.5	34958.92	1179744	1026.8599 ng/ml
Oxazepam	5.749	2422412	16568.04	71.4	29122.97	118190	938.0129 ng/ml
Oxycodone	2.814	8697581	159608.16	26.5	1768.75	400854	986.8176 ng/ml
Oxymorphone	1.385	3373939	∞	44.3	∞	129313	944.8531 ng/ml
Phentermine	3.776	2099693	11132.56	3.7	254.63	294329	880.6200 ng/ml
Promethazine	5.532	2956625	2529.31	27.9	873.49	129611	1024.8411 ng/ml
Pseudoephedrine	2.583	17265668	119361.36	15.3	45839.18	769352	1084.1832 ng/ml
Quetiapine	5.555	4120355	90914.90	58.8	54891.07	58124	981.8940 ng/ml
Sertraline	5.769	336762	796.16	97.5	15118.66	13445	1061.8126 ng/ml
Temazepam	5.830	7340262	34432.16	28.6	14303.18	340712	1011.1723 ng/ml
Tramadol	4.239	16261314	6290.55	3.4	668.37	819338	1032.4865 ng/ml
Trazodone	5.163	4094775	199486.10	80.5	86506.91	153320	988.9029 ng/ml
Venlafaxine	5.037	13812137	245089.34	35.5	1174.41	677110	1063.6762 ng/ml
Zolpidem	4.924	19576514	397108.49	30.3	14025.21	1134399	926.1458 ng/ml