REVIEWED
By Anne Nord at 8:51 am, Oct 03, 2024

TS

9/23/2024

Worklist: 6932

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2024-1668	1	COBCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2024-1826	1	COBCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2024-1863	1	COBCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2024-2641	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2024-3496	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2024-3529	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2024-3566	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2024-3688	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2024-3705	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
M2024-3726	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2716	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2721	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2802	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2803	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2806	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2816	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2817	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2834	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2850	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2851	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2024-2852	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ

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

Extraction Date: 09/23/2024
Panel 1 Plate lot#: 240528
Mobile phase A: 5mM Amm Form + 0.01% FA
Blank Blood Lot: Lampire 24C52816
Column: Agilent 120 EC-C18 (2.1x 100-2.7um)

Analyst: Tamara Salazar
Panel 1 Plate Retest Date: 11/28/2024
Mobile phase B: 0.01% Formic Acid in MeOH
Blank Urine Lot:
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: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.
☒ 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
☒ 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 **200-450µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate. *Transferred: 250uL*
☒ 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. Place on SPE Dry and evaporate to dryness at approx. 35°C.
☒ 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
☒ 17. Reconstitute in 100µL 20% LC MeOH and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

☒ 1. Create batch and process data.
☒ 2. Make necessary changes to integration limits
☒ 3. Integration linear and R^2 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:

Compounds included in CF:

7-aminoclonazepam: 5-100 -- calibrators 6, 7, and 8 dropped due to accuracy -- **Qualitative Only**
Alprazolam
Amphetamine: 5-250 -- calibrators 7 and 8 dropped due to accuracy
Benzoylecgonine
Bromazolam
Bupropion

TS

Clonazepam: 5-500 -- calibrator 8 dropped due to accuracy
Cocaine
Cyclobenzaprine
Dextromethorphan
Diazepam
Diphenhydramine
Doxylamine
Duloxetine
EDDP
Fentanyl
Fluoxetine
Hydrocodone
Hydroxyzine
Ketamine
Methadone
Methamphetamine: 5-500 -- calibrator 8 dropped due to accuracy
Metoprolol
Mirtazapine
Morphine
Nordiazepam
Norhydrocodone
O-desmethylvenlafaxine
Olanzapine
Pseudoephedrine
Sertraline
Trazodone
Venlafaxine
Zolpidem

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	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1							P2024-2834-1	M2024-3726-1	M2024-1826-1	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2							P2024-2817-1	M2024-3705-3	M2024-1668-1	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3							P2024-2816-1	M2024-3688-3	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4							P2024-2806-1	M2024-3566-3	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2							P2024-2803-1	M2024-3529-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6							P2024-2852-1	P2024-2802-1	M2024-3496-4	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7							P2024-2851-1	P2024-2721-1	M2024-2641-3	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8							P2024-2850-1	P2024-2716-2	M2024-1863-1	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

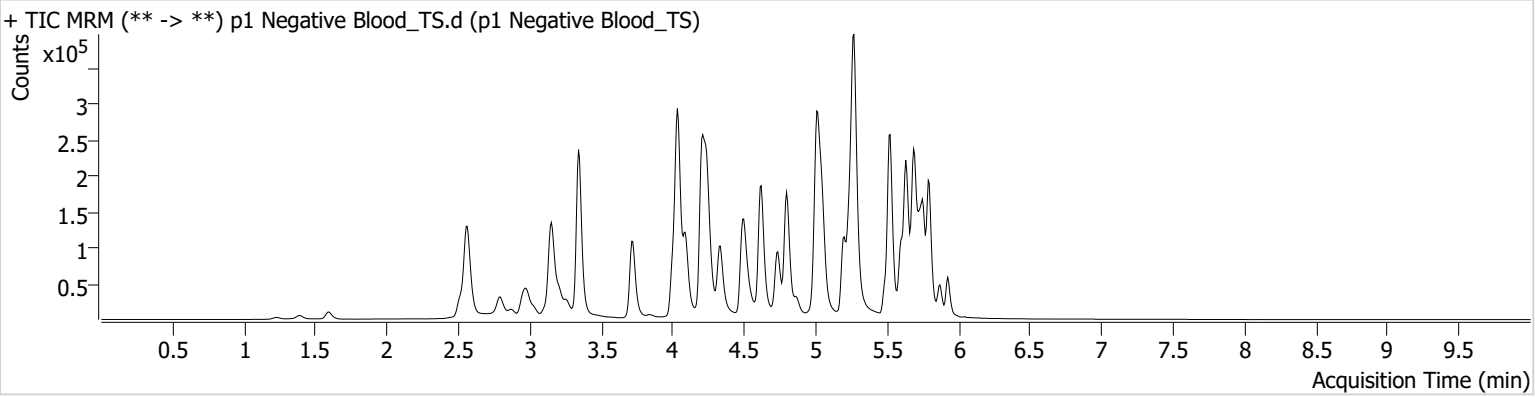
TS

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument	Falco (069901)	**Data File**	p1 Negative Blood_TS.d
Type	Sample	**Sample**	p1 Negative Blood_TS
Acq. Method	AM 28 MDQ P1.m	**Operator**	Tamara Salazar
Sample Position	P2-C11	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2		
Acq. Date-Time	9/24/2024 1:40:43 PM		
Sample Info.			

Sample Chromatogram



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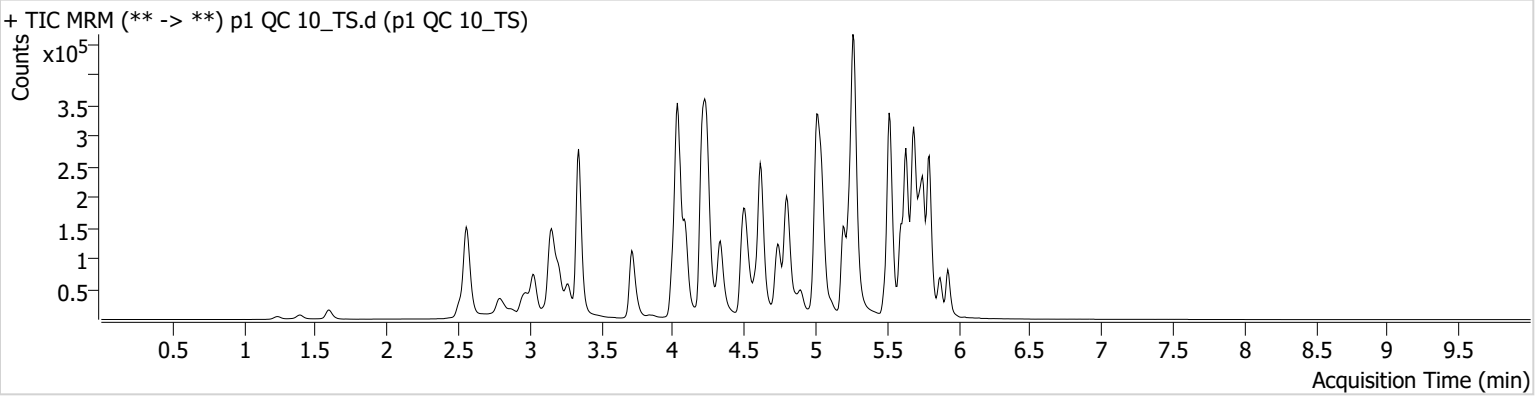
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument	Falco (069901)	**Data File**	p1 QC 10_TS.d
Type	QC	**Sample**	p1 QC 10_TS
Acq. Method	AM 28 MDQ P1.m	**Operator**	Tamara Salazar
Sample Position	P2-H11	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2		
Acq. Date-Time	9/24/2024 12:36:50 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.237	17170	1999.20	78.5	52.70	65563	10.4793 ng/ml
Alprazolam	5.755	37092	464.75	105.8	189.03	110641	9.8174 ng/ml
Amphetamine	3.033	123622	317.22	45.2	167.84	98678	10.2847 ng/ml
Benzoylecgonine	3.869	1662	104.27	45.6	346.13	7427	8.3749 ng/ml
Bromazolam	5.793	25656	852.39	133.6	26569.98	68354	9.7881 ng/ml
Bupropion	4.751	77454	838.16	59.5	204.45	251580	9.5052 ng/ml
Clonazepam	5.597	42402	4308.74	34.3	26546.60	49651	10.0595 ng/ml
Cocaine	4.237	51255	3032.87	52.2	2030.57	433209	9.6691 ng/ml
Cyclobenzaprine	5.606	54269	1040.50	9.2	141.52	173523	9.2002 ng/ml
Dextromethorphan	5.250	35384	252.86	79.7	∞	158230	9.0498 ng/ml
Diazepam	5.934	24724	614.54	88.3	186.69	107739	9.7965 ng/ml
Diphenhydramine	5.271	127573	1933.35	34.1	205.55	914451	9.0434 ng/ml
Doxylamine	4.511	129249	1528.55	98.5	2489.37	522436	9.1681 ng/ml
Duloxetine	5.626	7047	2105.43	12.4	717.68	37292	10.0512 ng/ml
EDDP	5.243	43477	383.48	42.5	13702.10	221290	9.3421 ng/ml
Fentanyl	5.055	5228	118.21	66.4	15118.41	303941	0.8598 ng/ml
Fluoxetine	5.686	86866	329.03	7.4	7551.39	315185	9.9732 ng/ml
Hydrocodone	3.009	16242	211.13	40.3	26.21	87001	9.2929 ng/ml
Hydroxyzine	5.670	64339	3591.24	70.8	36357.04	158230	9.5265 ng/ml
Ketamine	4.014	50993	297.51	37.7	131.21	215981	9.8614 ng/ml
Methadone	5.632	90746	1023.74	54.5	588.99	362054	9.2918 ng/ml
Methamphetamine	3.209	132737	493.45	37.4	251.21	318224	9.7331 ng/ml
Metoprolol	4.299	8009	1136.22	109.0	1085.71	635124	9.5767 ng/ml
Mirtazapine	4.586	96752	1058.78	60.8	560.32	240766	9.7461 ng/ml
Morphine	1.240	2131	1930.65	68.6	2535.29	2697	9.6030 ng/ml
Nordiazepam	5.873	28218	367.34	58.3	1231.80	82733	9.5737 ng/ml
Norhydrocodone	3.050	2089	103.07	42.3	104.25	17730	8.7292 ng/ml
o-desmethylvenlafaxine	4.054	118584	73.39	22.1	114.34	113731	9.2652 ng/ml
Olanzapine	4.359	8082	230.00	54.8	56.04	17105	9.9669 ng/ml
Pseudoephedrine	2.572	80997	2416.21	15.5	585.39	422638	9.2138 ng/ml
Sertraline	5.755	28278	480.76	95.1	179.00	123520	9.7592 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Trazodone	5.040	78663	664.55	71.8	547.51	301990	9.6654 ng/ml
Venlafaxine	5.016	106808	743.90	31.7	278.22	552885	9.4373 ng/ml
Zolpidem	4.818	103625	1177.71	30.1	1084.84	468671	10.0486 ng/ml

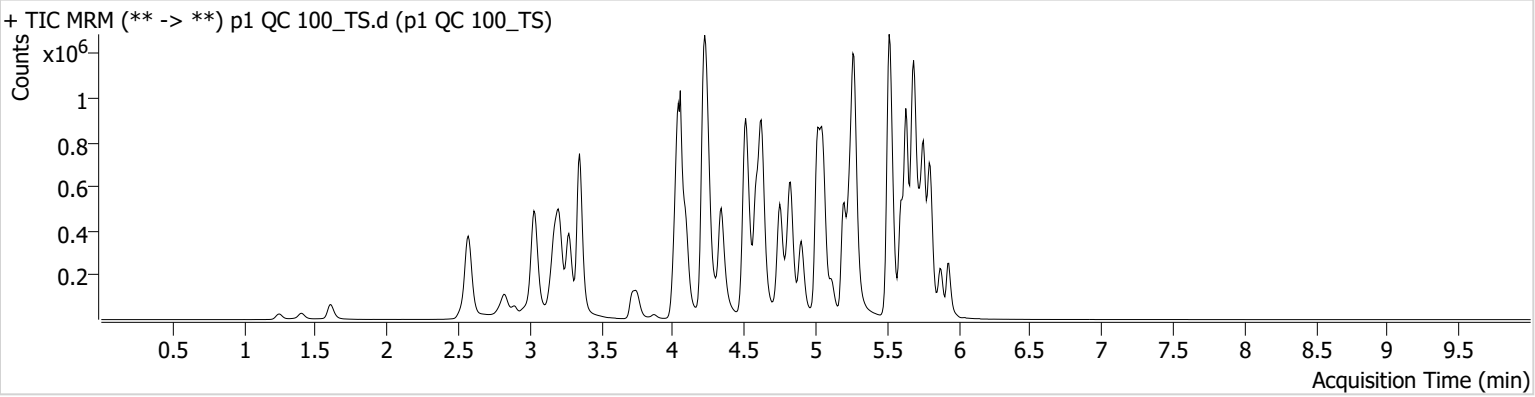
TS

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument	Falco (069901)	**Data File**	p1 QC 100_TS.d
Type	QC	**Sample**	p1 QC 100_TS
Acq. Method	AM 28 MDQ P1.m	**Operator**	Tamara Salazar
Sample Position	P2-G11	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2		
Acq. Date-Time	9/24/2024 9:29:06 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.244	85540	6958.52	78.3	69395.15	40023	95.5538 ng/ml
Alprazolam	5.755	336842	1652.97	106.9	2963.35	96165	105.5992 ng/ml
Amphetamine	3.033	1093400	69151.63	44.4	2623.30	98963	104.3176 ng/ml
Benzoylecgonine	3.869	19377	2572.06	37.2	9941.57	7572	96.1512 ng/ml
Bromazolam	5.793	208730	121133.64	132.1	244817.38	56087	98.7467 ng/ml
Bupropion	4.751	806363	645.66	60.4	17516.28	256172	99.7672 ng/ml
Clonazepam	5.597	311048	11127.82	33.3	85489.00	37669	108.9890 ng/ml
Cocaine	4.243	506652	897.08	51.7	669.55	413780	99.4635 ng/ml
Cyclobenzaprine	5.606	563570	516.76	9.6	40696.21	170175	97.3746 ng/ml
Dextromethorphan	5.250	366253	18387.29	78.9	37405.01	157460	94.3450 ng/ml
Diazepam	5.934	231721	2691.82	85.8	790.36	100396	100.3637 ng/ml
Diphenhydramine	5.271	1327865	18958.52	33.5	581.64	913279	94.3061 ng/ml
Doxylamine	4.511	1442332	694455.15	98.9	2263.22	560910	95.6004 ng/ml
Duloxetine	5.626	71075	6404.80	11.8	264.36	37433	100.8460 ng/ml
EDDP	5.243	429072	1769.57	43.2	1820.27	205768	100.6394 ng/ml
Fentanyl	5.062	59157	3417.77	63.5	403.46	311596	8.7157 ng/ml
Fluoxetine	5.686	878875	144451.92	7.4	151.34	302821	100.5730 ng/ml
Hydrocodone	3.009	170424	2432.89	40.1	220.50	86709	102.7586 ng/ml
Hydroxyzine	5.676	651975	19920.27	73.0	694641.97	157460	96.6143 ng/ml
Ketamine	4.021	504249	1340.70	37.7	674.36	217005	106.2511 ng/ml
Methadone	5.639	964874	30273.84	53.7	29442.17	365909	96.1957 ng/ml
Methamphetamine	3.209	868612	34422.07	37.2	939.32	334731	102.9620 ng/ml
Metoprolol	4.299	82833	90185.13	110.5	4320.07	647099	106.2879 ng/ml
Mirtazapine	4.586	1021490	1236.18	60.7	585.12	255472	98.2518 ng/ml
Morphine	1.247	21542	2326.35	68.8	8312.85	2676	101.2966 ng/ml
Nordiazepam	5.880	248420	1312.67	58.1	2811.80	70958	101.5092 ng/ml
Norhydrocodone	3.050	26807	333.25	45.6	105.64	19645	91.6637 ng/ml
o-desmethylvenlafaxine	4.054	1231778	843.90	21.5	3802.09	108167	103.6412 ng/ml
Olanzapine	4.366	87246	1058.60	58.0	39863.85	18955	101.6651 ng/ml
Pseudoephedrine	2.579	794951	30339.64	15.2	551.91	395429	98.4002 ng/ml
Sertraline	5.755	291630	21161.19	96.7	314138.52	126350	96.8401 ng/ml

TS

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Trazodone	5.047	846572	1091759.77	72.2	559204.72	315387	106.3983 ng/ml
Venlafaxine	5.016	1138058	951.94	31.4	9220.83	566698	98.3115 ng/ml
Zolpidem	4.824	1098029	6294.41	30.3	615812.86	491172	103.9832 ng/ml

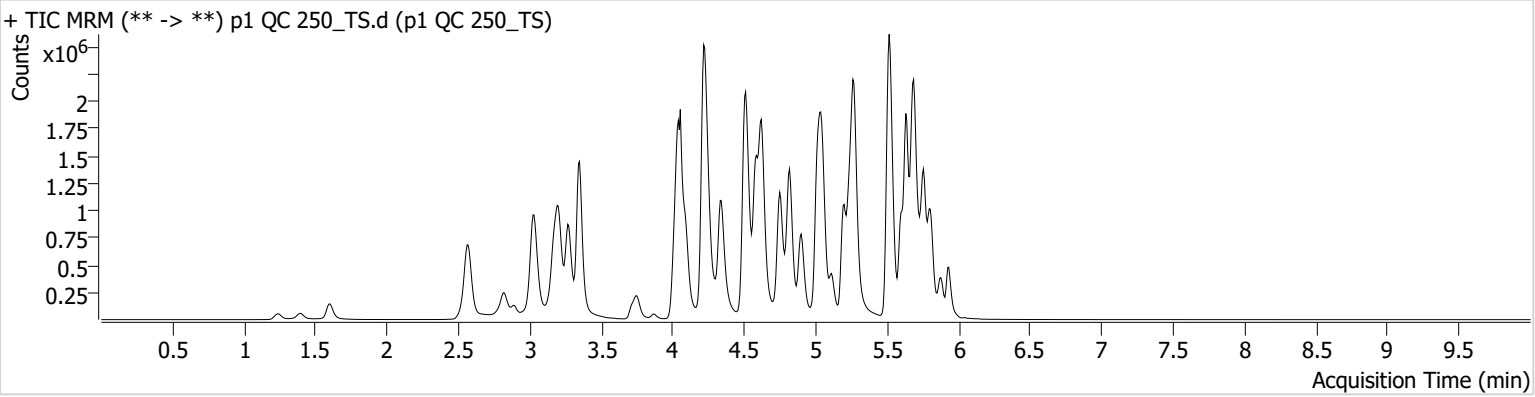
TS

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument	Falco (069901)	**Data File**	p1 QC 250_TS.d
Type	QC	**Sample**	p1 QC 250_TS
Acq. Method	AM 28 MDQ P1.m	**Operator**	Tamara Salazar
Sample Position	P2-F11	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2		
Acq. Date-Time	9/24/2024 12:58:08 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.244	100300	8274.54	76.7	1149.82	25722	175.4895 ng/ml
Alprazolam	5.755	673100	900.67	105.2	2330.49	78812	257.9362 ng/ml
Amphetamine	3.033	2219939	247.91	45.1	128491.81	99295	212.8704 ng/ml
Benzoylecgonine	3.869	51672	273.68	37.7	1069.00	7342	264.5031 ng/ml
Bromazolam	5.793	379155	250589.21	132.5	451030.42	42218	238.5622 ng/ml
Bupropion	4.751	1964193	12189.19	59.7	2092861.30	249520	249.9183 ng/ml
Clonazepam	5.590	483903	11380.88	33.2	12268.55	27897	230.4344 ng/ml
Cocaine	4.237	1118888	483.96	52.5	3558.42	364513	249.2450 ng/ml
Cyclobenzaprine	5.606	1314939	112487.32	9.4	404.95	157479	245.5065 ng/ml
Dextromethorphan	5.250	839568	489.59	78.7	550.08	144934	234.9941 ng/ml
Diazepam	5.934	508230	441.50	88.6	478.99	92166	240.0645 ng/ml
Diphenhydramine	5.271	3056350	754.69	34.1	809.01	821852	241.2215 ng/ml
Doxylamine	4.511	3556893	2790.28	99.3	159952.39	552045	239.5929 ng/ml
Duloxetine	5.626	146830	8806.71	12.4	4241.77	31054	251.1010 ng/ml
EDDP	5.236	1066740	984.29	43.3	5217.03	202466	254.5218 ng/ml
Fentanyl	5.062	150558	22874.56	64.7	2846.71	295942	23.2255 ng/ml
Fluoxetine	5.693	1855180	138755.22	7.6	6905.07	250263	256.1538 ng/ml
Hydrocodone	3.002	400575	975.70	42.0	264.01	83108	252.7436 ng/ml
Hydroxyzine	5.670	1523630	12432.16	73.5	12502.29	144934	245.2300 ng/ml
Ketamine	4.014	1143027	1985.07	38.0	755.71	210933	249.1669 ng/ml
Methadone	5.639	2304708	41689.88	52.7	26607.35	352481	238.2849 ng/ml
Methamphetamine	3.202	2003880	642.41	37.1	1408.23	341679	242.9375 ng/ml
Metoprolol	4.299	187233	384209.46	108.5	6061.70	619223	252.4168 ng/ml
Mirtazapine	4.586	2491675	2173.13	59.7	8473.74	250721	244.4147 ng/ml
Morphine	1.240	51941	∞	69.8	1227.44	2671	245.1817 ng/ml
Nordiazepam	5.880	472955	12462.68	58.6	12294.05	55986	245.4351 ng/ml
Norhydrocodone	3.043	76494	170.38	42.5	281.62	19394	263.2656 ng/ml
o-desmethylvenlafaxine	4.054	2635093	69.09	22.5	8492.23	95012	252.7681 ng/ml
Olanzapine	4.359	257708	2495.21	58.0	3769.69	22736	251.1248 ng/ml
Pseudoephedrine	2.572	1836970	162.32	15.3	226.60	365554	246.2422 ng/ml
Sertraline	5.755	629154	3981.17	97.0	2100.69	107247	245.8701 ng/ml

TS

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Trazodone	5.040	1933906	65598.71	73.5	6556.45	306379	251.1899 ng/ml
Venlafaxine	5.016	2695432	1374.23	31.3	5764.58	531131	248.4716 ng/ml
Zolpidem	4.818	2725676	2977.24	29.8	21870.19	490431	258.9004 ng/ml

TS

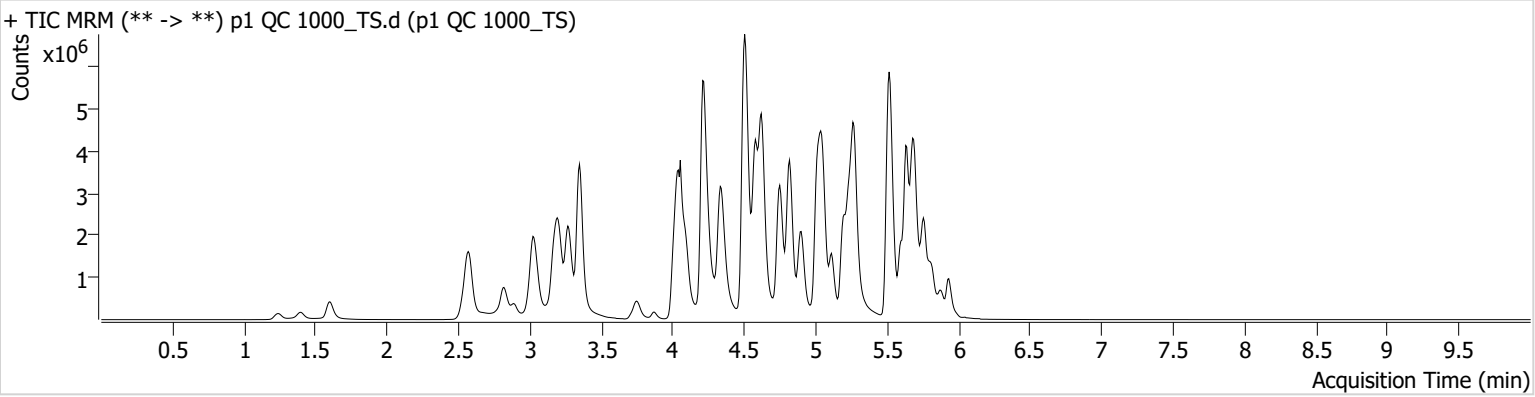
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-E11
Injection Volume 2
Acq. Date-Time 9/24/2024 1:19:25 PM
Sample Info.

Data File p1 QC 1000_TS.d
Sample p1 QC 1000_TS
Operator Tamara Salazar
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.251	134321	2345.75	78.7	639.38	7714	788.4719 ng/ml
Alprazolam	5.755	1386262	1184.13	106.1	996.73	43705	958.8276 ng/ml
Amphetamine	3.033	4697933	140782.56	44.8	80340.54	77584	579.5226 ng/ml
Benzoylecgonine	3.869	190526	31253.00	39.3	398.39	7612	940.8319 ng/ml
Bromazolam	5.793	646251	432523.35	132.5	543814.57	18941	906.8671 ng/ml
Bupropion	4.751	5977203	513656.48	59.9	1523.66	204205	930.0535 ng/ml
Clonazepam	5.583	542929	1948.02	34.2	1280.47	11430	633.3580 ng/ml
Cocaine	4.237	2856564	1977434.66	52.3	138469.64	224723	1031.9623 ng/ml
Cyclobenzaprine	5.600	3116697	663.31	9.3	290.03	94569	968.9896 ng/ml
Dextromethorphan	5.243	2029247	31708.46	77.2	1451.99	86034	956.8980 ng/ml
Diazepam	5.934	1266520	∞	86.9	2119.47	56655	973.8446 ng/ml
Diphenhydramine	5.271	8067419	372982.30	33.7	1773.88	532014	983.6171 ng/ml
Doxylamine	4.504	12341769	552589.75	95.8	457035.67	479635	956.9503 ng/ml
Duloxetine	5.626	244475	2924.71	12.2	4627.76	12831	1011.8283 ng/ml
EDDP	5.236	3477172	1904.76	42.4	2286.01	163988	1024.7849 ng/ml
Fentanyl	5.062	487479	1364.63	66.1	3135.18	205976	107.7643 ng/ml
Fluoxetine	5.693	3722464	288178.54	7.5	291766.64	112496	1141.7974 ng/ml
Hydrocodone	3.002	1359773	203.03	40.7	1598.39	76274	936.2252 ng/ml
Hydroxyzine	5.670	3749630	2005719.60	74.4	568415.08	86034	1016.5362 ng/ml
Ketamine	4.007	2931016	2975.64	37.3	369.14	158741	851.5038 ng/ml
Methadone	5.639	6182157	460436.84	53.3	726.98	239792	939.0697 ng/ml
Methamphetamine	3.202	5518956	131045.63	36.9	58855.77	311088	751.3267 ng/ml
Metoprolol	4.299	486853	599701.06	107.8	893174.09	452369	900.9758 ng/ml
Mirtazapine	4.580	7375009	105741.79	59.2	167474.74	202207	897.3819 ng/ml
Morphine	1.240	152643	∞	69.0	∞	2088	922.9700 ng/ml
Nordiazepam	5.880	853097	585.85	57.6	16334.83	26600	932.7442 ng/ml
Norhydrocodone	3.050	241596	∞	43.6	155.01	14096	1141.0050 ng/ml
o-desmethylvenlafaxine	4.054	5467850	19.21	22.3	150.33	49500	1007.4671 ng/ml
Olanzapine	4.359	1608232	2002.50	57.8	7300.26	38190	934.4121 ng/ml
Pseudoephedrine	2.572	5338177	133866.26	15.2	141362.75	257238	1017.4551 ng/ml
Sertraline	5.755	1285446	58528.85	87.8	572920.13	51975	1036.0136 ng/ml

TS

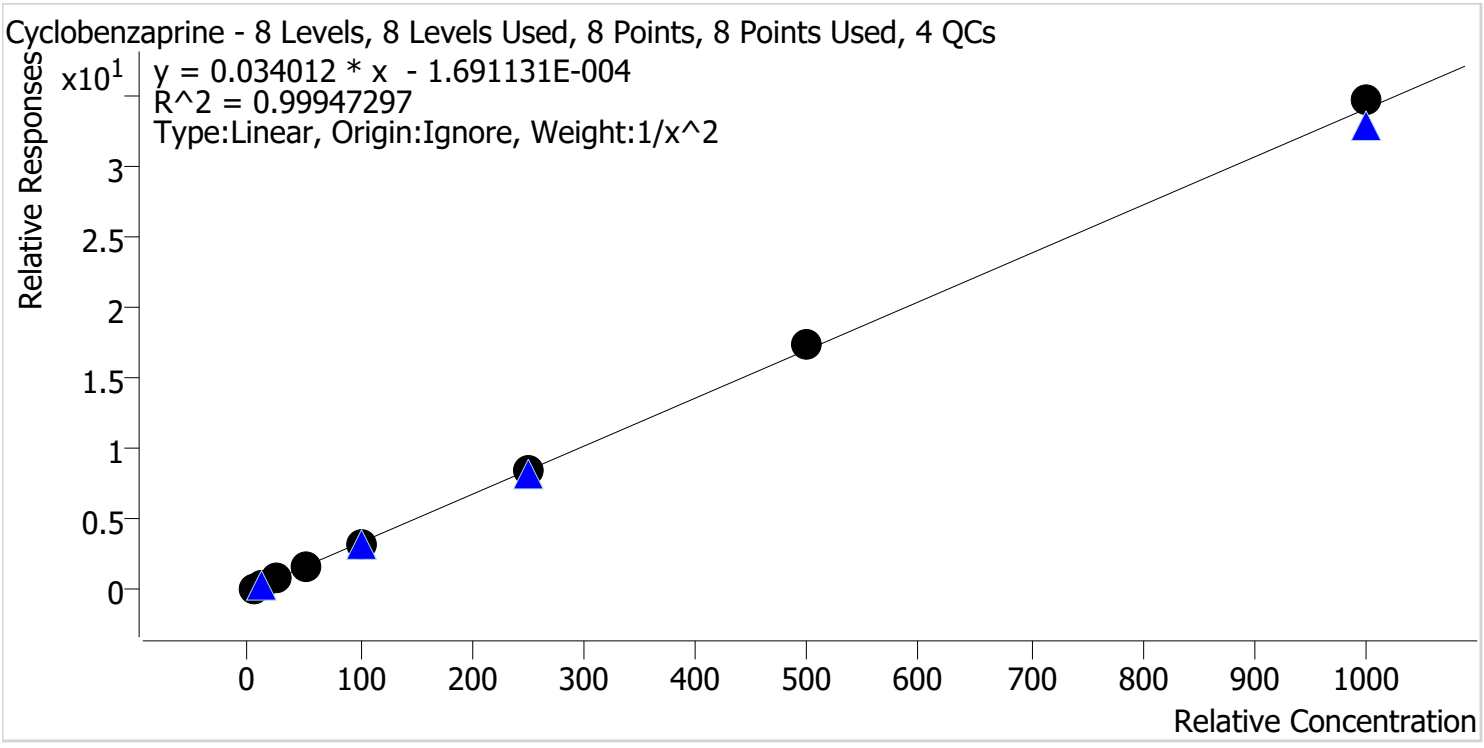
AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Trazodone	5.047	5202183	460519.85	76.8	606900.43	240504	862.5461 ng/ml
Venlafaxine	5.016	8078802	298608.30	31.5	4242.44	398156	993.5112 ng/ml
Zolpidem	4.818	8632435	109544.16	29.3	526158.88	423185	950.9521 ng/ml

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Last Cal. Update	10/2/2024 1:43 PM
Analyst Name	ISP\Datastor
Analyte	Cyclobenzaprine
Internal Standard	Cyclobenzaprine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.1	101.8
p1 Cal 2-10ng_TS	2	✔	10.0	9.8	97.8
p1 Cal 3 -25ng_TS	3	✔	25.0	24.3	97.1
p1 Cal 4-50ng_TS	4	✔	50.0	49.4	98.8
p1 Cal 5-100ng_TS	5	✔	100.0	99.9	99.9
p1 Cal 6-250ng_TS	6	✔	250.0	251.3	100.5
p1 Cal 7-500ng_TS	7	✔	500.0	512.3	102.5
p1 Cal 8-1000ng_TS	8	✔	1000.0	1017.7	101.8

TS

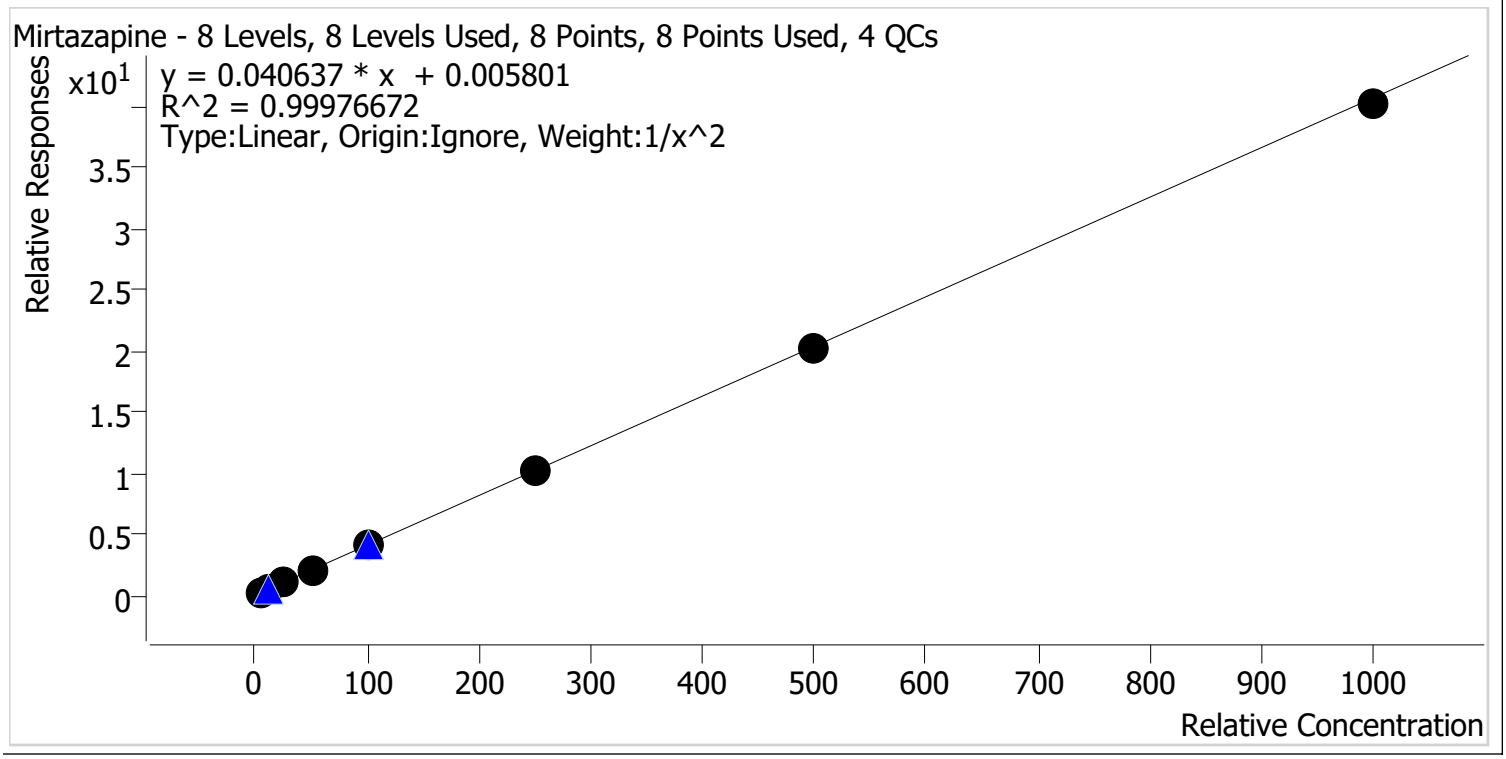
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Mirtazapine **Internal Standard** alpha-PVP-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	100.6
p1 Cal 2-10ng_TS	2	✔	10.0	9.8	98.3
p1 Cal 3 -25ng_TS	3	✔	25.0	25.0	100.0
p1 Cal 4-50ng_TS	4	✔	50.0	51.1	102.2
p1 Cal 5-100ng_TS	5	✔	100.0	101.3	101.3
p1 Cal 6-250ng_TS	6	✔	250.0	249.4	99.8
p1 Cal 7-500ng_TS	7	✔	500.0	495.9	99.2
p1 Cal 8-1000ng_TS	8	✔	1000.0	987.2	98.7

TS

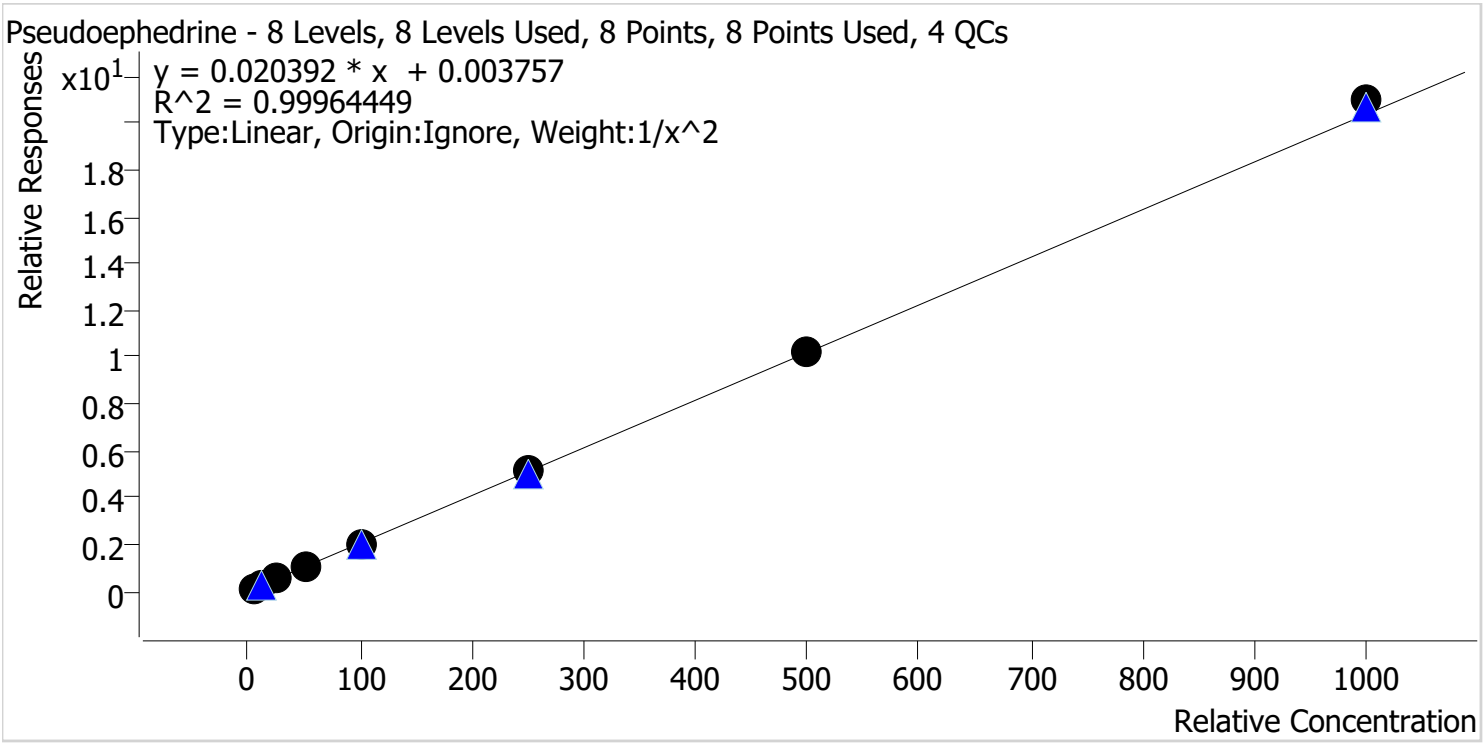
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	100.8
p1 Cal 2-10ng_TS	2	✔	10.0	10.0	99.7
p1 Cal 3 -25ng_TS	3	✔	25.0	24.5	97.8
p1 Cal 4-50ng_TS	4	✔	50.0	49.1	98.2
p1 Cal 5-100ng_TS	5	✔	100.0	99.7	99.7
p1 Cal 6-250ng_TS	6	✔	250.0	249.5	99.8
p1 Cal 7-500ng_TS	7	✔	500.0	505.5	101.1
p1 Cal 8-1000ng_TS	8	✔	1000.0	1029.6	103.0

TS

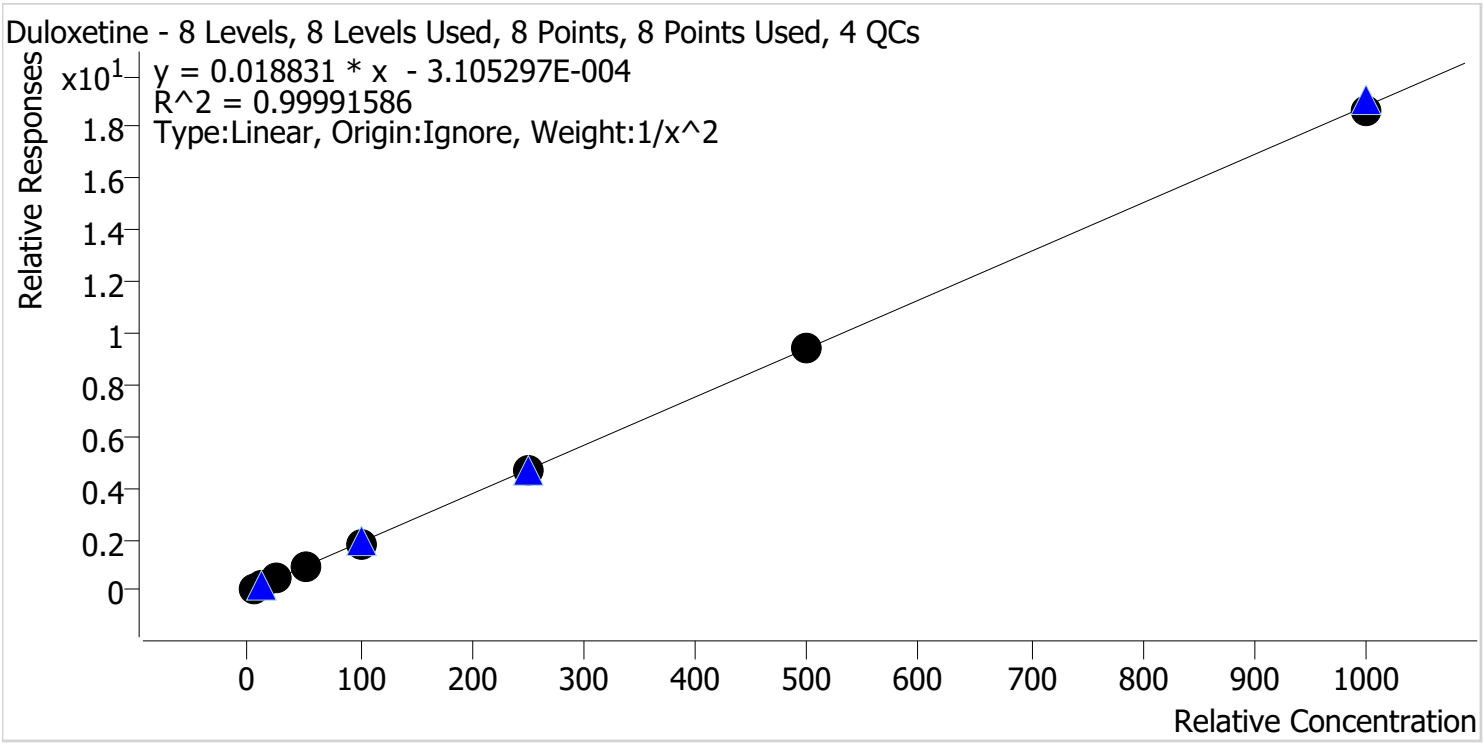
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Duloxetine **Internal Standard** Duloxetine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	99.7
p1 Cal 2-10ng_TS	2	✔	10.0	10.1	100.8
p1 Cal 3 -25ng_TS	3	✔	25.0	24.8	99.2
p1 Cal 4-50ng_TS	4	✔	50.0	50.6	101.1
p1 Cal 5-100ng_TS	5	✔	100.0	99.2	99.2
p1 Cal 6-250ng_TS	6	✔	250.0	252.2	100.9
p1 Cal 7-500ng_TS	7	✔	500.0	499.0	99.8
p1 Cal 8-1000ng_TS	8	✔	1000.0	993.6	99.4

TS

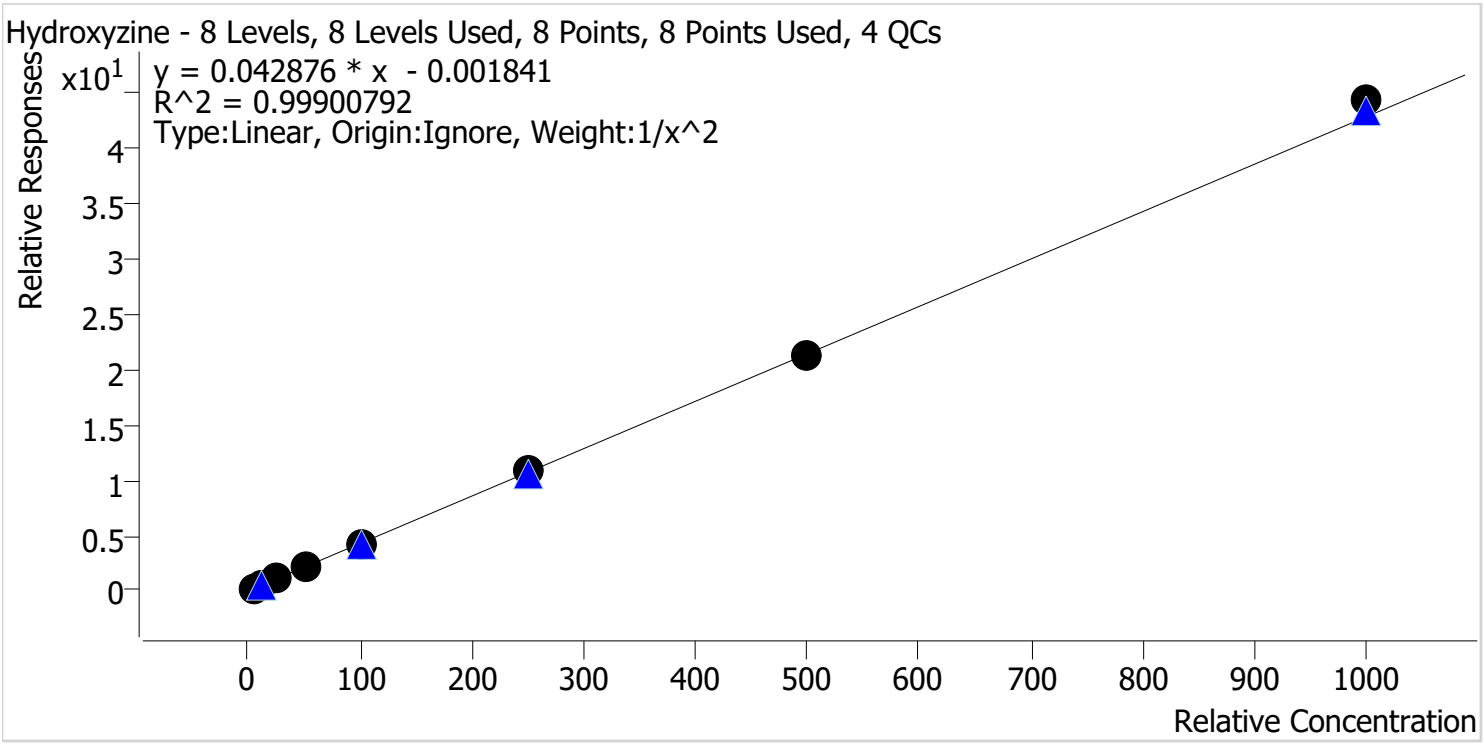
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.1	102.5
p1 Cal 2-10ng_TS	2	✔	10.0	9.7	96.8
p1 Cal 3 -25ng_TS	3	✔	25.0	23.9	95.6
p1 Cal 4-50ng_TS	4	✔	50.0	49.7	99.3
p1 Cal 5-100ng_TS	5	✔	100.0	100.5	100.5
p1 Cal 6-250ng_TS	6	✔	250.0	254.8	101.9
p1 Cal 7-500ng_TS	7	✔	500.0	499.6	99.9
p1 Cal 8-1000ng_TS	8	✔	1000.0	1035.0	103.5

TS

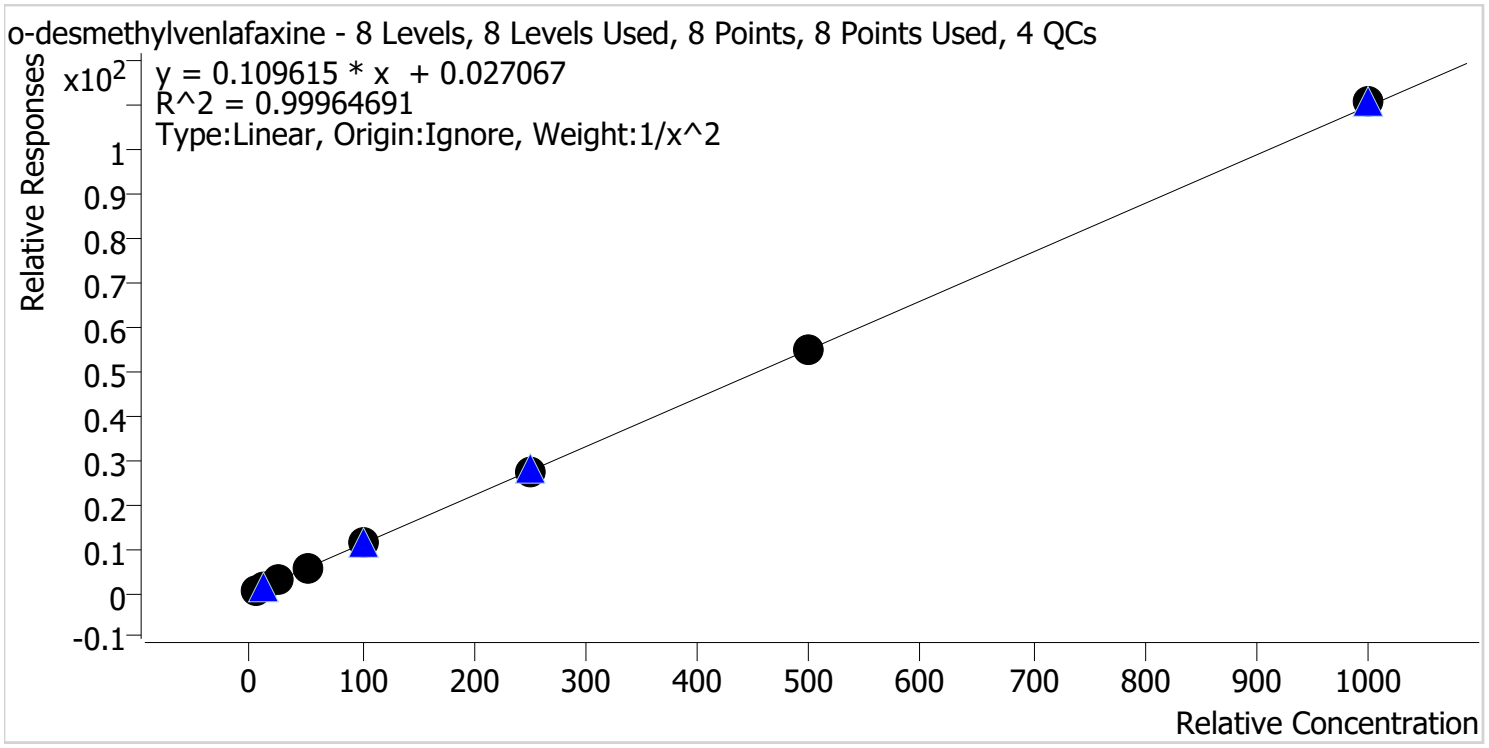
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.1	101.1
p1 Cal 2-10ng_TS	2	✔	10.0	9.8	97.7
p1 Cal 3 -25ng_TS	3	✔	25.0	24.8	99.2
p1 Cal 4-50ng_TS	4	✔	50.0	51.5	103.0
p1 Cal 5-100ng_TS	5	✔	100.0	99.8	99.8
p1 Cal 6-250ng_TS	6	✔	250.0	247.1	98.9
p1 Cal 7-500ng_TS	7	✔	500.0	497.3	99.5
p1 Cal 8-1000ng_TS	8	✔	1000.0	1009.1	100.9

TS

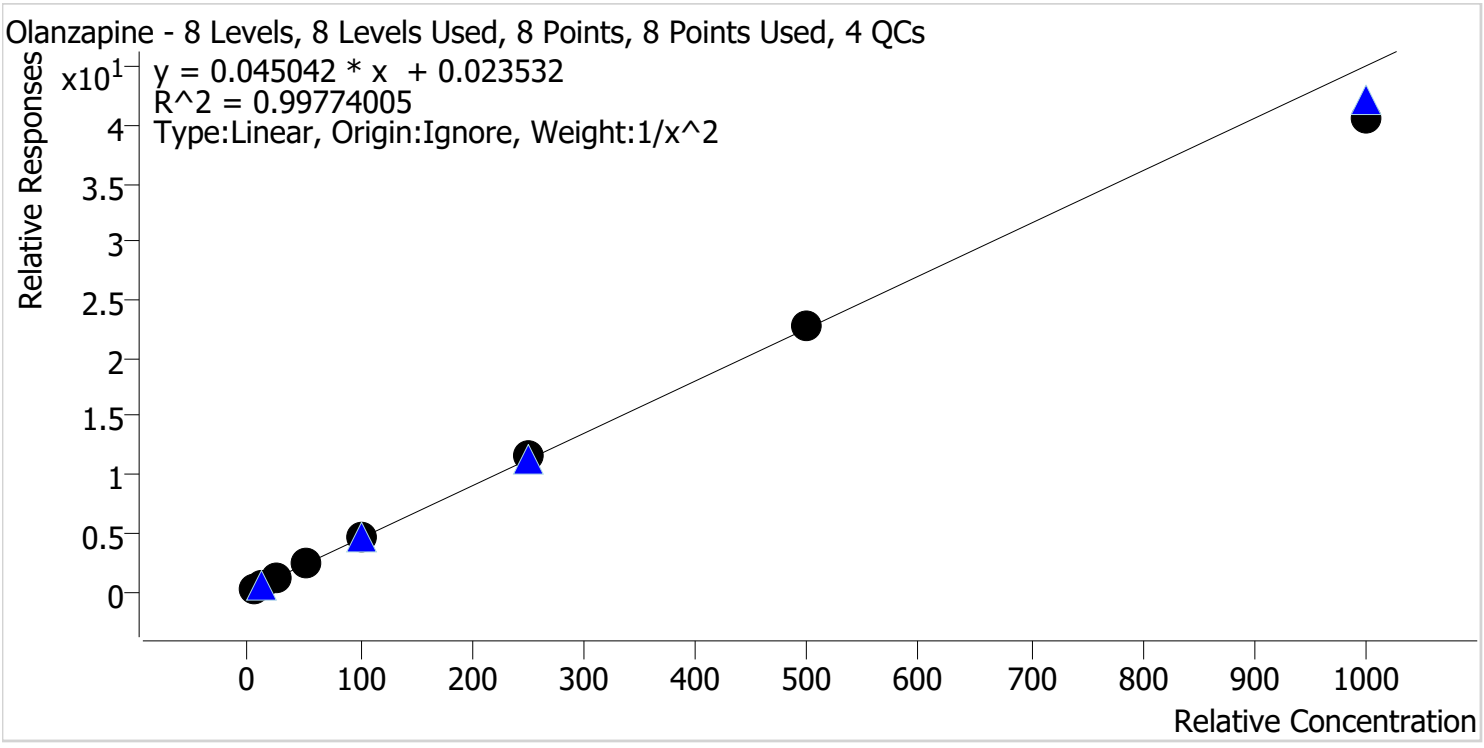
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Olanzapine **Internal Standard** Olanzapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	99.1
p1 Cal 2-10ng_TS	2	✔	10.0	10.1	100.7
p1 Cal 3 -25ng_TS	3	✔	25.0	25.4	101.7
p1 Cal 4-50ng_TS	4	✔	50.0	50.6	101.2
p1 Cal 5-100ng_TS	5	✔	100.0	102.1	102.1
p1 Cal 6-250ng_TS	6	✔	250.0	259.5	103.8
p1 Cal 7-500ng_TS	7	✔	500.0	506.1	101.2
p1 Cal 8-1000ng_TS	8	✔	1000.0	903.2	90.3

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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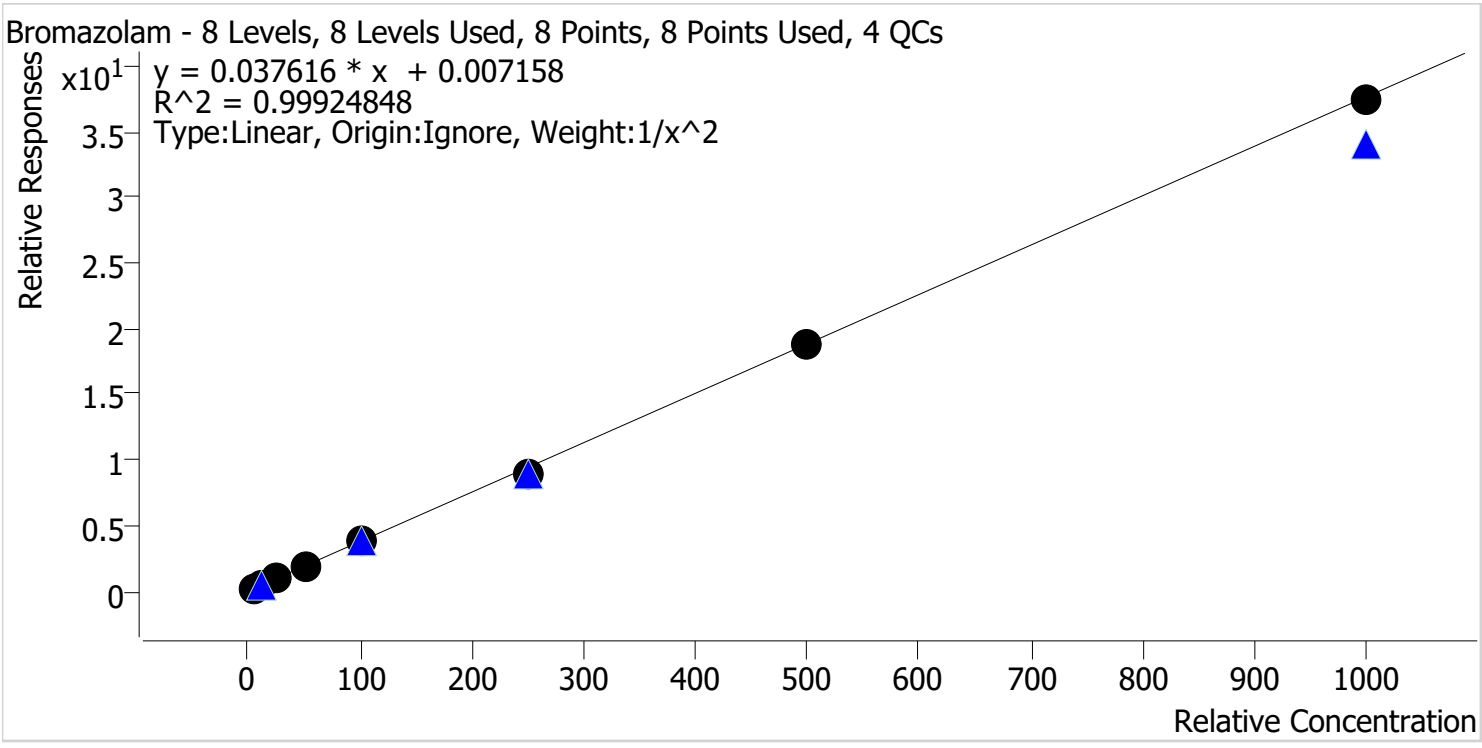
Analyst Name ISP\Datastor

Analyte Bromazolam **Internal Standard** Bromazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	99.3
p1 Cal 2-10ng_TS	2	✔	10.0	10.0	99.6
p1 Cal 3 -25ng_TS	3	✔	25.0	26.2	104.7
p1 Cal 4-50ng_TS	4	✔	50.0	49.9	99.7
p1 Cal 5-100ng_TS	5	✔	100.0	100.8	100.8
p1 Cal 6-250ng_TS	6	✔	250.0	240.1	96.1
p1 Cal 7-500ng_TS	7	✔	500.0	502.3	100.5
p1 Cal 8-1000ng_TS	8	✔	1000.0	993.2	99.3

TS

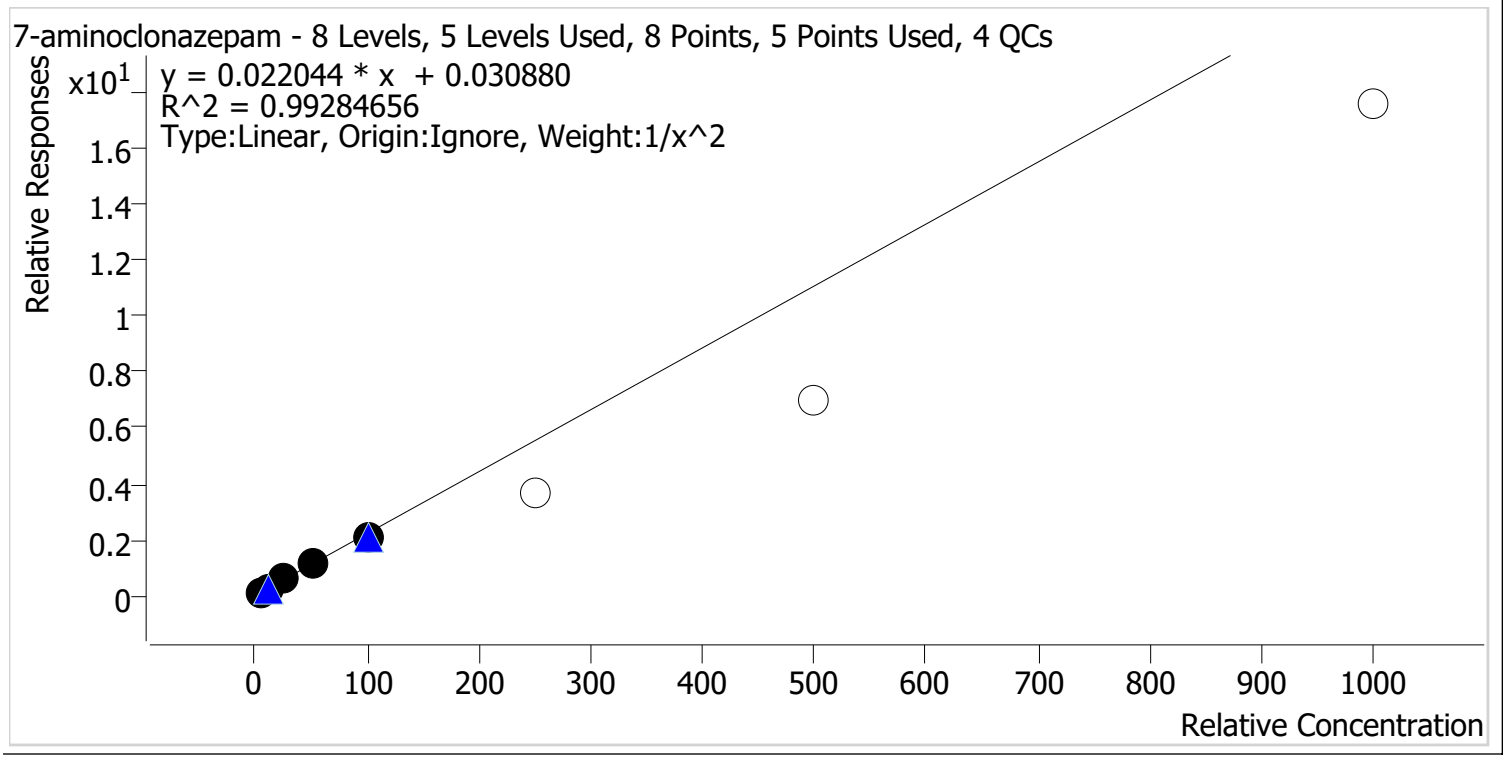
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	4.8	96.7
p1 Cal 2-10ng_TS	2	✔	10.0	10.4	104.2
p1 Cal 3 -25ng_TS	3	✔	25.0	27.2	109.0
p1 Cal 4-50ng_TS	4	✔	50.0	48.9	97.7
p1 Cal 5-100ng_TS	5	✔	100.0	92.4	92.4
p1 Cal 6-250ng_TS	6	✗	250.0	164.8	65.9
p1 Cal 7-500ng_TS	7	✗	500.0	313.2	62.6
p1 Cal 8-1000ng_TS	8	✗	1000.0	793.6	79.4

TS

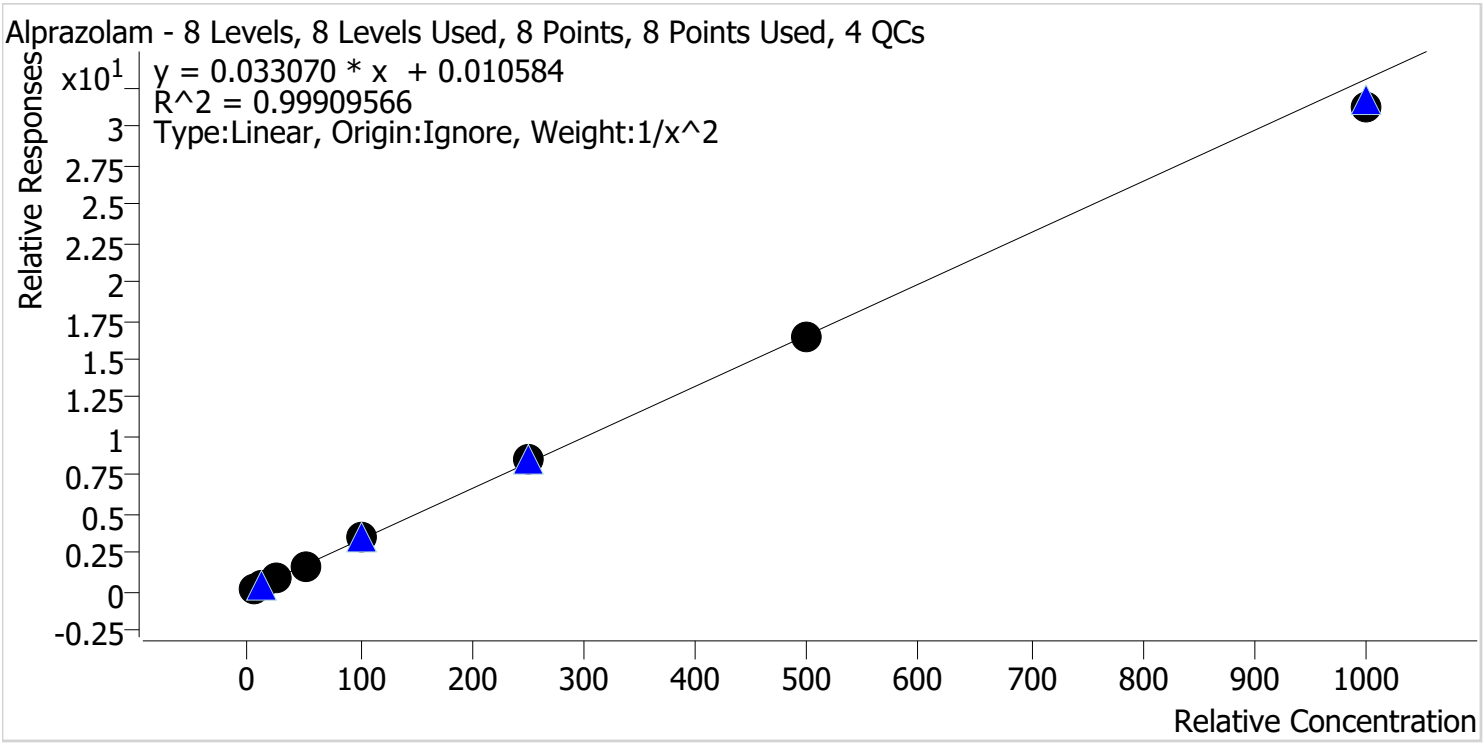
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Alprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	99.9
p1 Cal 2-10ng_TS	2	✔	10.0	9.9	99.2
p1 Cal 3 -25ng_TS	3	✔	25.0	25.4	101.5
p1 Cal 4-50ng_TS	4	✔	50.0	50.3	100.6
p1 Cal 5-100ng_TS	5	✔	100.0	102.1	102.1
p1 Cal 6-250ng_TS	6	✔	250.0	257.7	103.1
p1 Cal 7-500ng_TS	7	✔	500.0	495.7	99.1
p1 Cal 8-1000ng_TS	8	✔	1000.0	945.3	94.5

TS

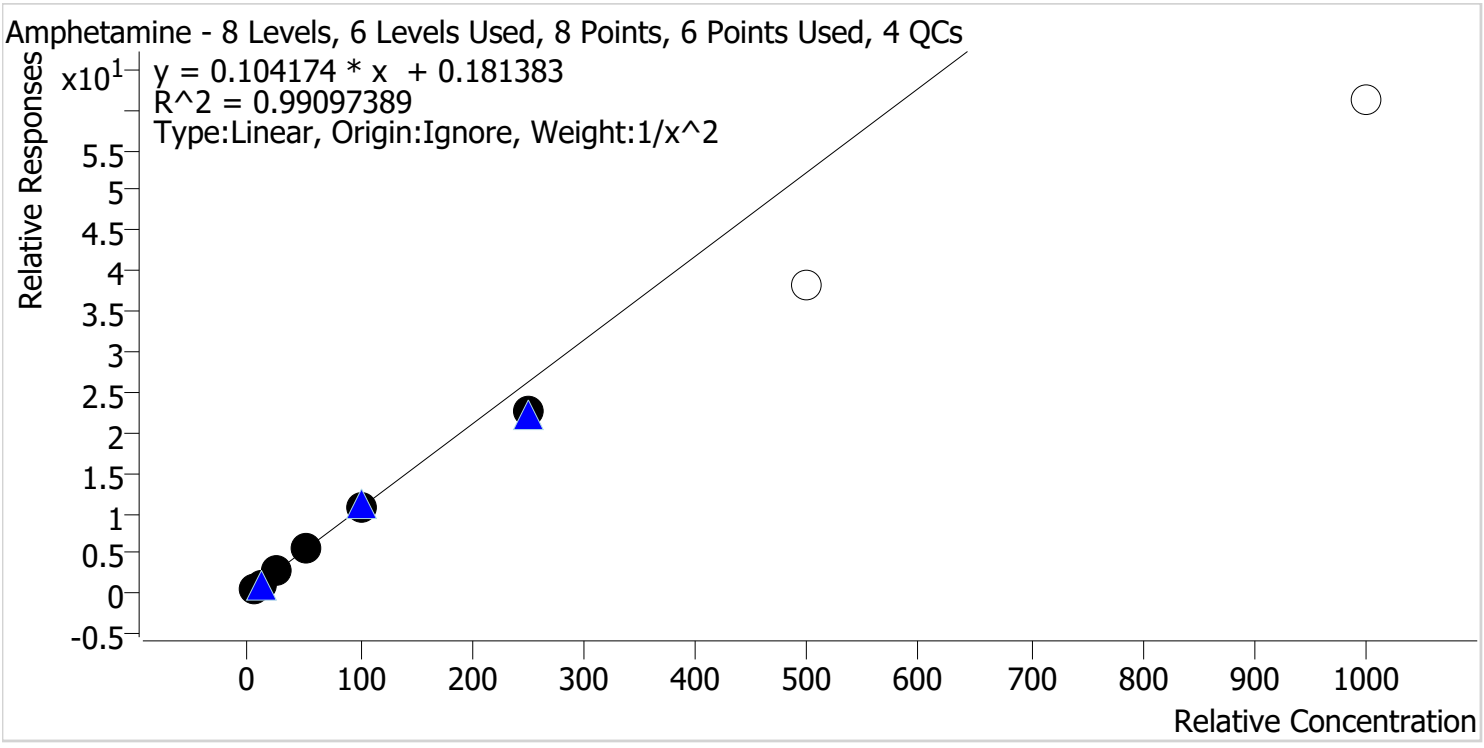
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Amphetamine **Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	4.8	96.4
p1 Cal 2-10ng_TS	2	✔	10.0	10.4	103.7
p1 Cal 3 -25ng_TS	3	✔	25.0	26.8	107.1
p1 Cal 4-50ng_TS	4	✔	50.0	53.4	106.7
p1 Cal 5-100ng_TS	5	✔	100.0	99.5	99.5
p1 Cal 6-250ng_TS	6	✔	250.0	216.5	86.6
p1 Cal 7-500ng_TS	7	✗	500.0	366.4	73.3
p1 Cal 8-1000ng_TS	8	✗	1000.0	585.3	58.5

TS

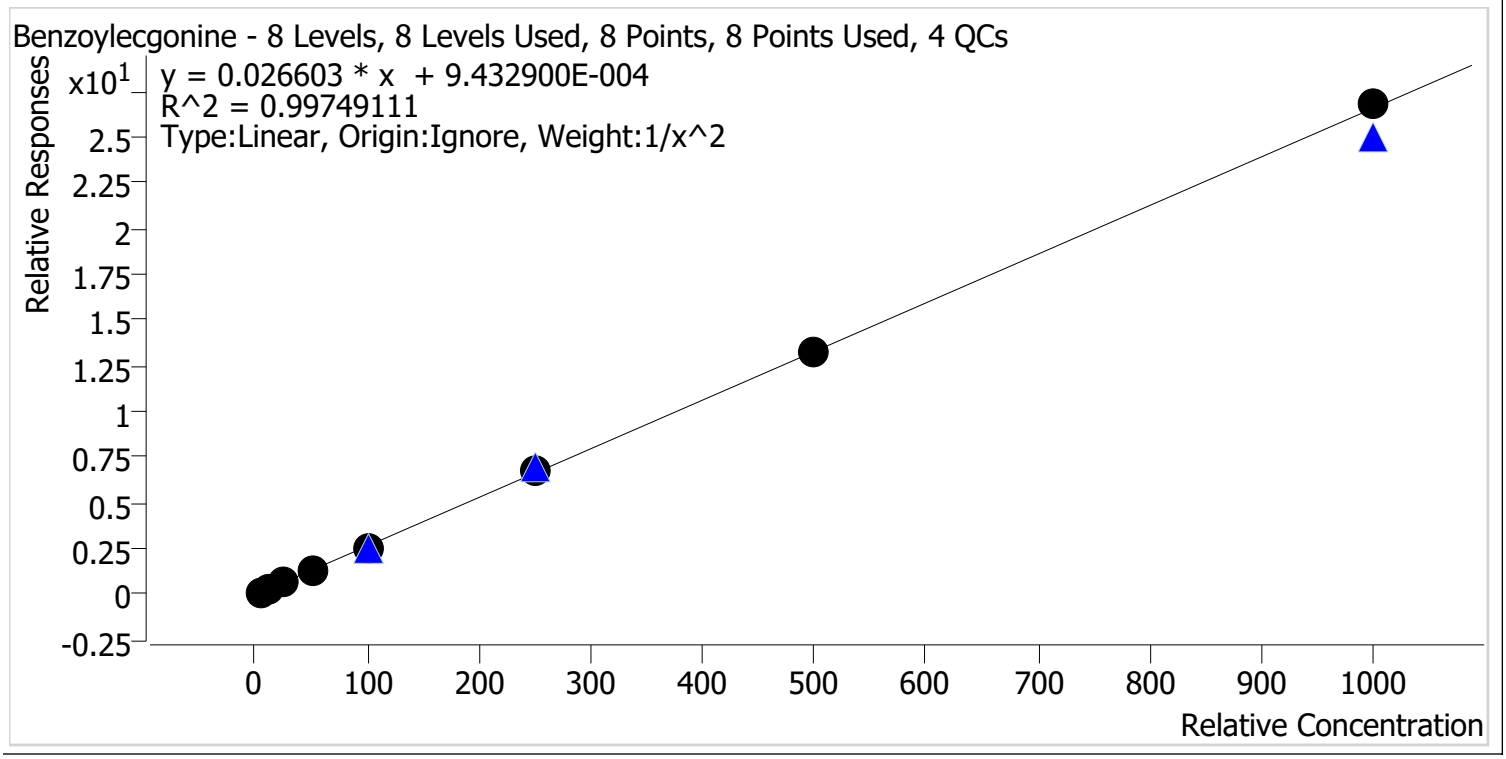
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	4.8	96.0
p1 Cal 2-10ng_TS	2	✔	10.0	10.9	109.0
p1 Cal 3 -25ng_TS	3	✔	25.0	25.1	100.5
p1 Cal 4-50ng_TS	4	✔	50.0	47.8	95.6
p1 Cal 5-100ng_TS	5	✔	100.0	96.3	96.3
p1 Cal 6-250ng_TS	6	✔	250.0	253.1	101.3
p1 Cal 7-500ng_TS	7	✔	500.0	502.5	100.5
p1 Cal 8-1000ng_TS	8	✔	1000.0	1008.2	100.8

TS

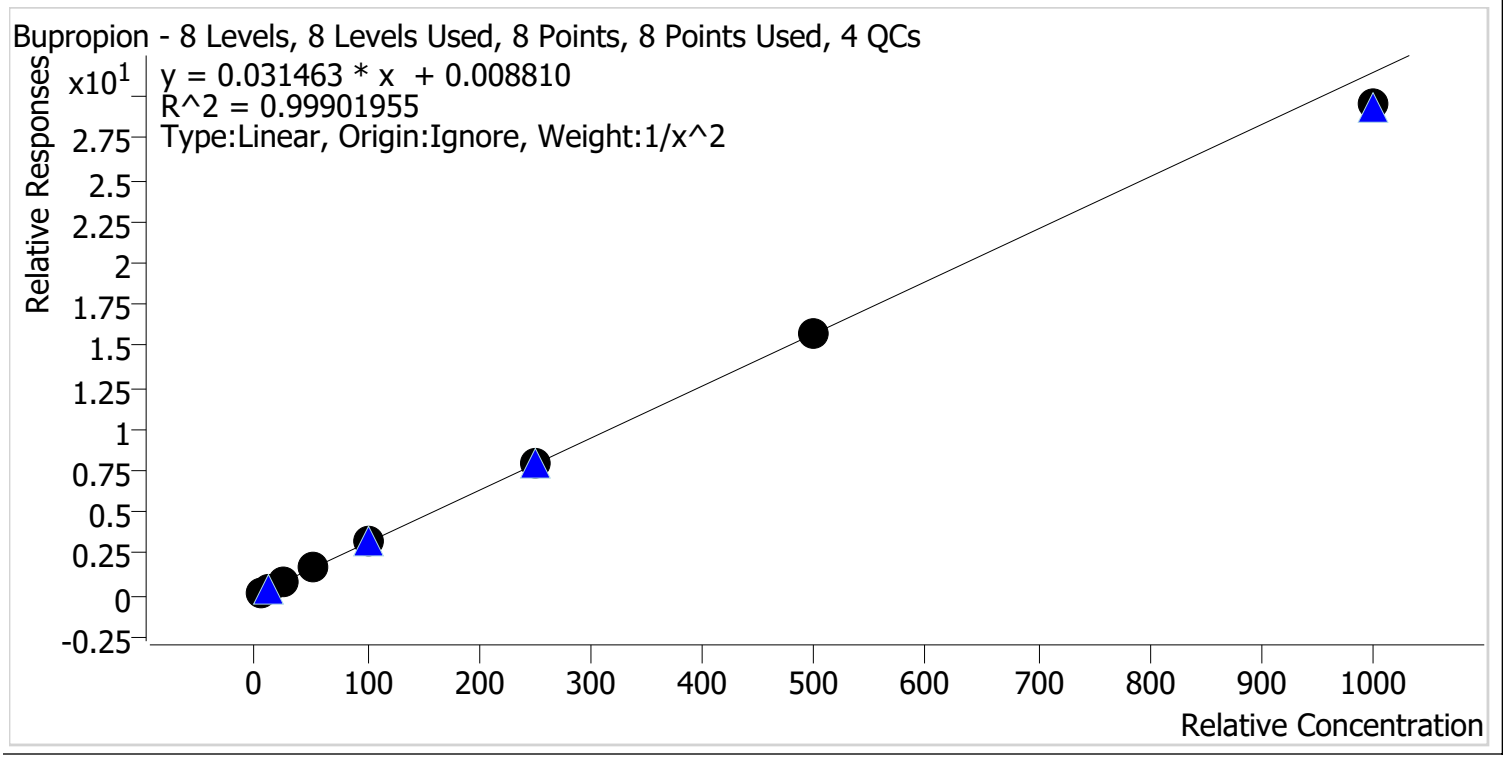
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	99.2
p1 Cal 2-10ng_TS	2	✔	10.0	10.1	100.8
p1 Cal 3 -25ng_TS	3	✔	25.0	25.2	100.8
p1 Cal 4-50ng_TS	4	✔	50.0	50.7	101.4
p1 Cal 5-100ng_TS	5	✔	100.0	102.8	102.8
p1 Cal 6-250ng_TS	6	✔	250.0	253.8	101.5
p1 Cal 7-500ng_TS	7	✔	500.0	497.8	99.6
p1 Cal 8-1000ng_TS	8	✔	1000.0	939.0	93.9

TS

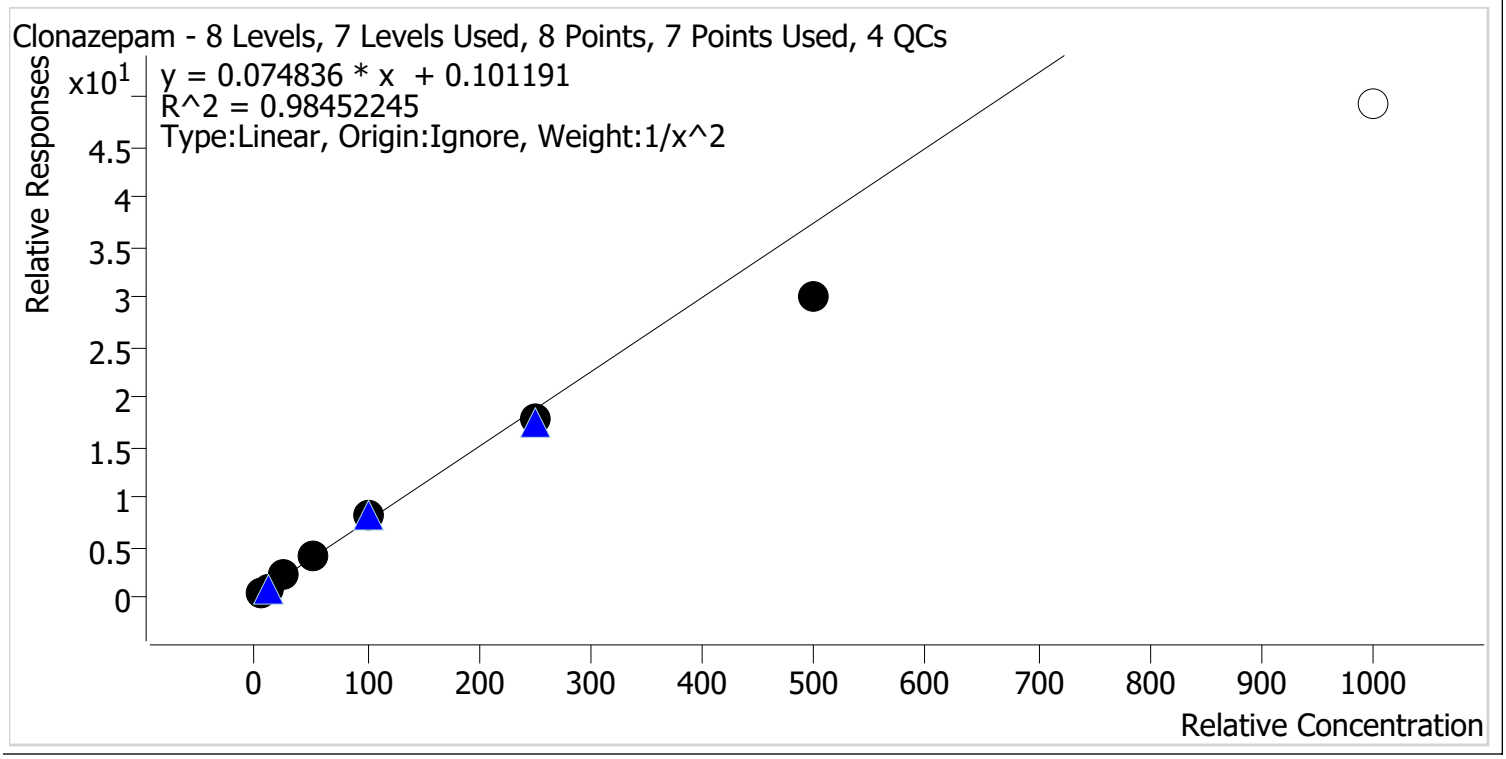
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	4.7	94.5
p1 Cal 2-10ng_TS	2	✔	10.0	10.5	105.4
p1 Cal 3 -25ng_TS	3	✔	25.0	27.4	109.7
p1 Cal 4-50ng_TS	4	✔	50.0	53.9	107.8
p1 Cal 5-100ng_TS	5	✔	100.0	106.8	106.8
p1 Cal 6-250ng_TS	6	✔	250.0	239.2	95.7
p1 Cal 7-500ng_TS	7	✔	500.0	400.6	80.1
p1 Cal 8-1000ng_TS	8	✗	1000.0	658.5	65.8

TS

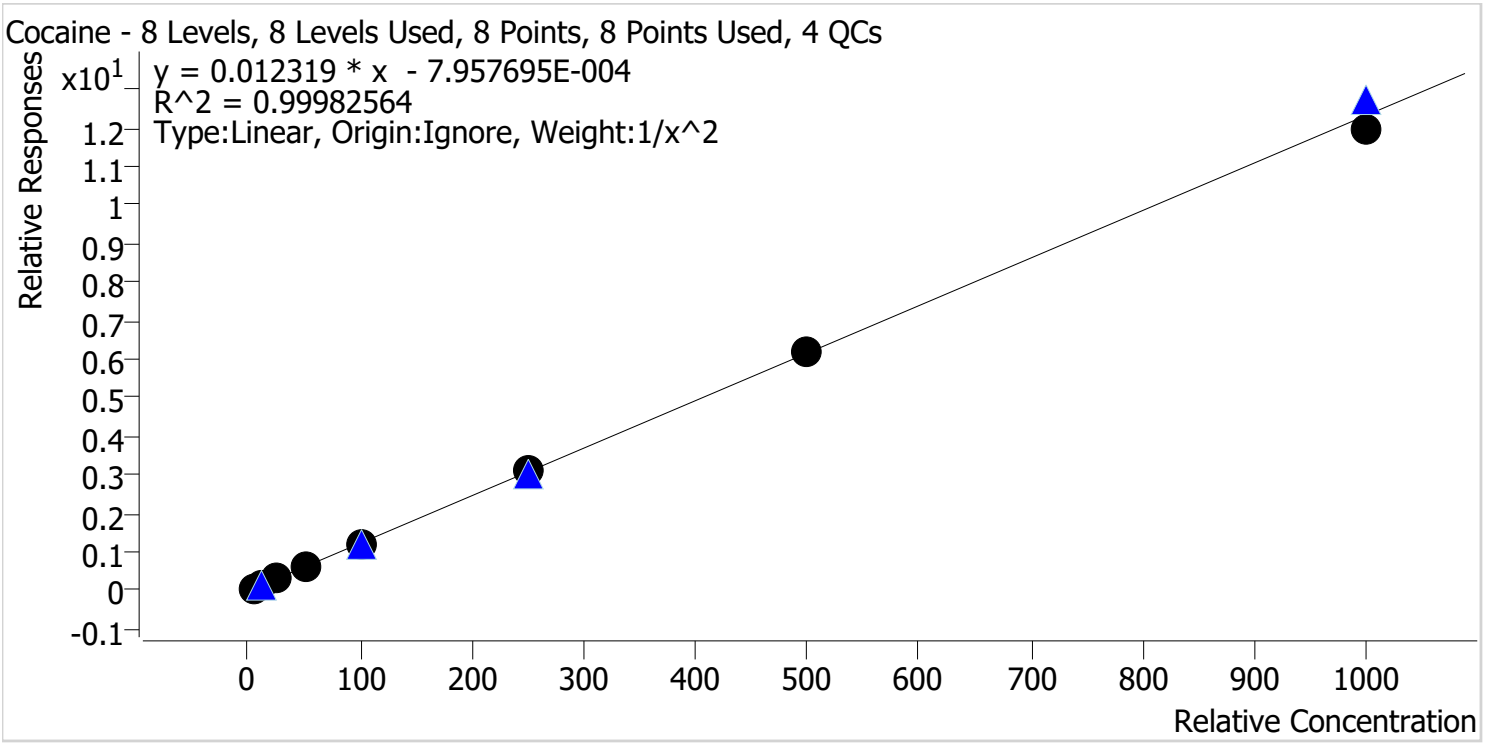
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Cocaine **Internal Standard** Cocaine-D3

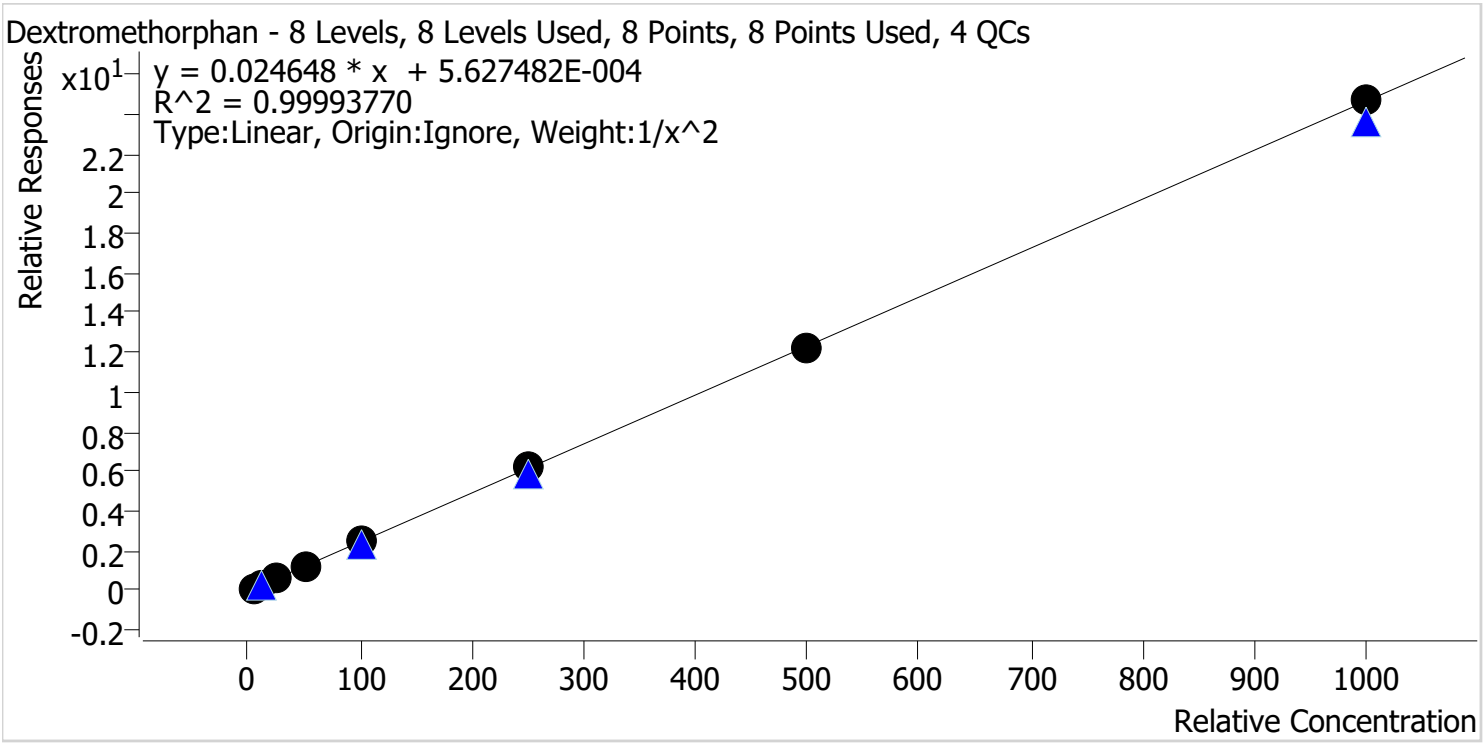


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	100.0
p1 Cal 2-10ng_TS	2	✔	10.0	10.0	99.8
p1 Cal 3 -25ng_TS	3	✔	25.0	25.0	100.0
p1 Cal 4-50ng_TS	4	✔	50.0	50.0	100.0
p1 Cal 5-100ng_TS	5	✔	100.0	100.6	100.6
p1 Cal 6-250ng_TS	6	✔	250.0	252.6	101.0
p1 Cal 7-500ng_TS	7	✔	500.0	505.7	101.1
p1 Cal 8-1000ng_TS	8	✔	1000.0	974.5	97.5

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Last Cal. Update	10/2/2024 1:43 PM
Analyst Name	ISP\Datastor
Analyte	Dextromethorphan
Internal Standard	Dextromethorphan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	100.4
p1 Cal 2-10ng_TS	2	✔	10.0	9.9	98.9
p1 Cal 3 -25ng_TS	3	✔	25.0	25.2	100.9
p1 Cal 4-50ng_TS	4	✔	50.0	50.0	99.9
p1 Cal 5-100ng_TS	5	✔	100.0	99.8	99.8
p1 Cal 6-250ng_TS	6	✔	250.0	251.7	100.7
p1 Cal 7-500ng_TS	7	✔	500.0	496.1	99.2
p1 Cal 8-1000ng_TS	8	✔	1000.0	1001.9	100.2

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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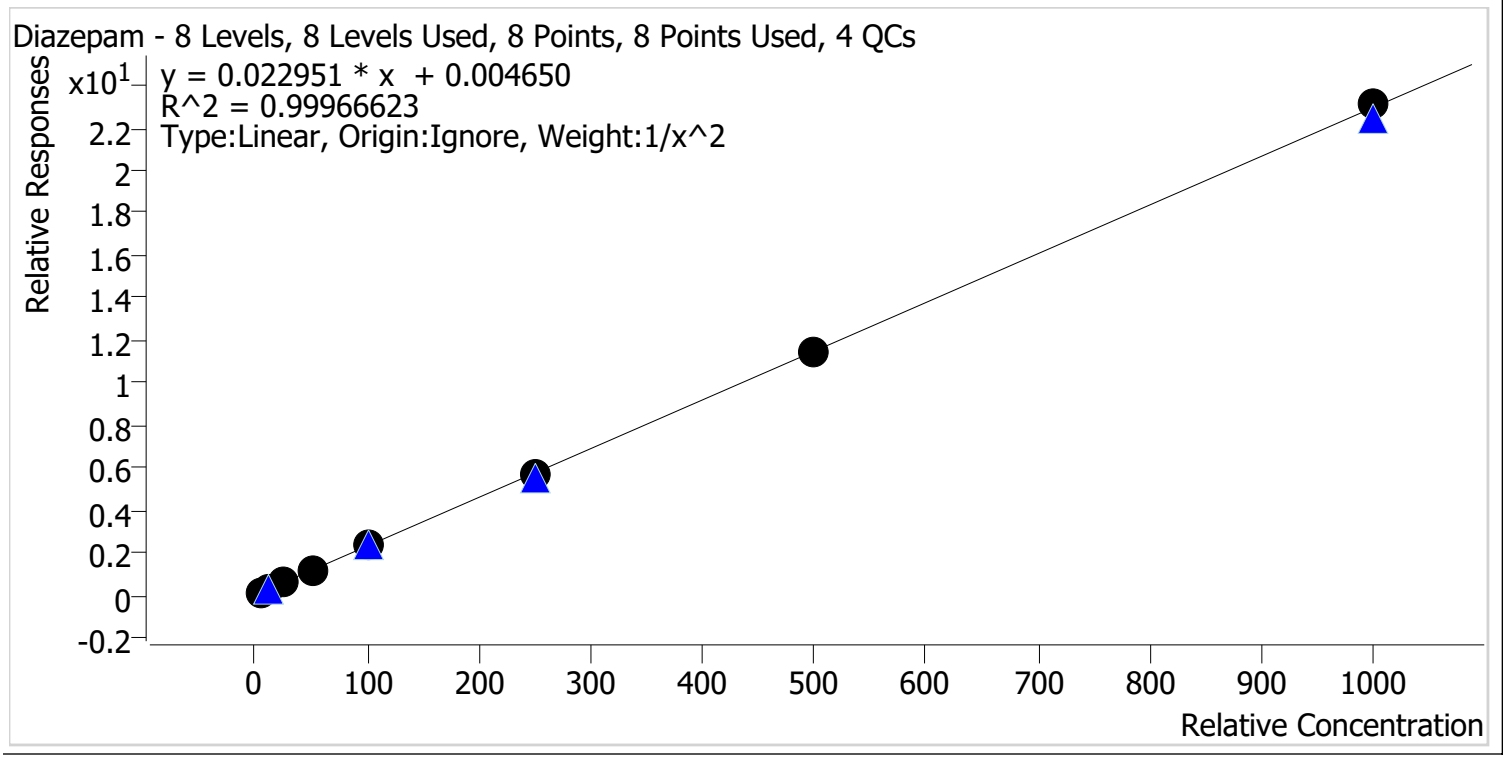
Analyst Name ISP\Datastor

Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	4.9	98.6
p1 Cal 2-10ng_TS	2	✔	10.0	10.3	102.8
p1 Cal 3 -25ng_TS	3	✔	25.0	25.3	101.1
p1 Cal 4-50ng_TS	4	✔	50.0	49.2	98.3
p1 Cal 5-100ng_TS	5	✔	100.0	100.8	100.8
p1 Cal 6-250ng_TS	6	✔	250.0	246.6	98.6
p1 Cal 7-500ng_TS	7	✔	500.0	495.7	99.1
p1 Cal 8-1000ng_TS	8	✔	1000.0	1006.8	100.7

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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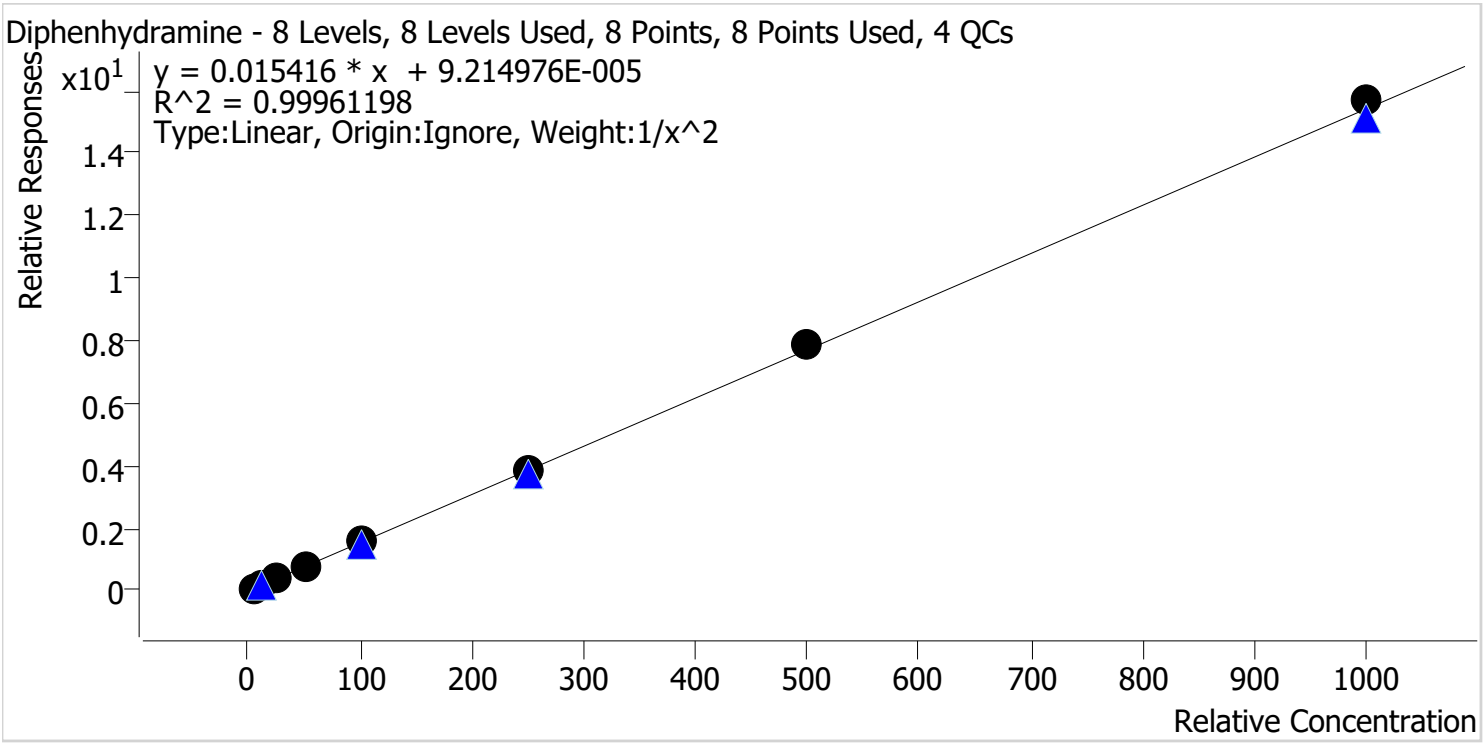
Analyst Name ISP\Datastor

Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

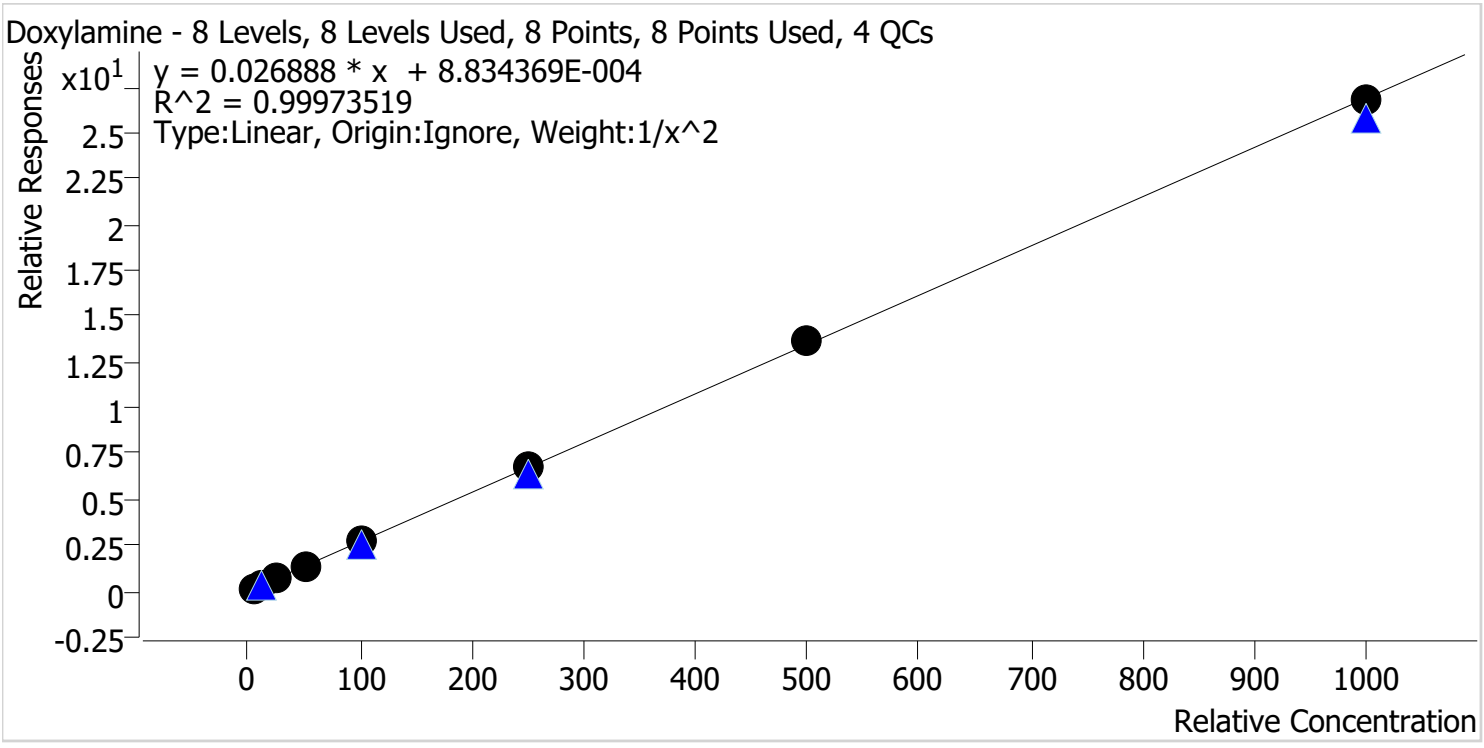


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.1	101.4
p1 Cal 2-10ng_TS	2	✔	10.0	9.8	98.2
p1 Cal 3 -25ng_TS	3	✔	25.0	24.5	98.2
p1 Cal 4-50ng_TS	4	✔	50.0	49.2	98.4
p1 Cal 5-100ng_TS	5	✔	100.0	100.6	100.6
p1 Cal 6-250ng_TS	6	✔	250.0	247.9	99.2
p1 Cal 7-500ng_TS	7	✔	500.0	511.5	102.3
p1 Cal 8-1000ng_TS	8	✔	1000.0	1018.0	101.8

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results	D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Last Cal. Update	10/2/2024 1:43 PM
Analyst Name	ISP\Datastor
Analyte	Doxylamine
Internal Standard	Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	100.0
p1 Cal 2-10ng_TS	2	✔	10.0	10.1	101.1
p1 Cal 3 -25ng_TS	3	✔	25.0	24.3	97.3
p1 Cal 4-50ng_TS	4	✔	50.0	49.9	99.8
p1 Cal 5-100ng_TS	5	✔	100.0	100.1	100.1
p1 Cal 6-250ng_TS	6	✔	250.0	249.7	99.9
p1 Cal 7-500ng_TS	7	✔	500.0	511.5	102.3
p1 Cal 8-1000ng_TS	8	✔	1000.0	995.8	99.6

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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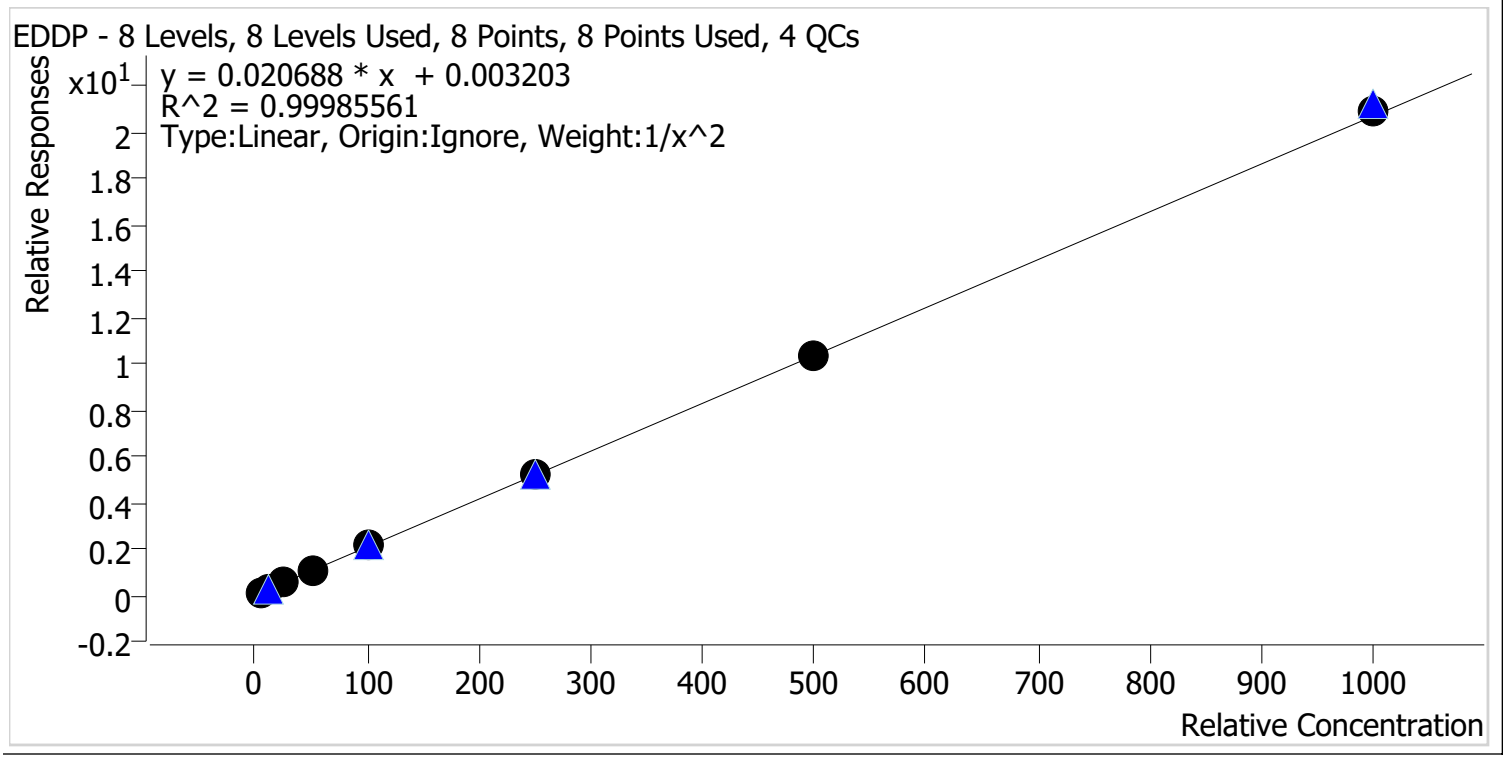
Analyst Name ISP\Datastor

Analyte EDDP **Internal Standard** EDDP-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	100.8
p1 Cal 2-10ng_TS	2	✔	10.0	9.9	98.9
p1 Cal 3 -25ng_TS	3	✔	25.0	24.6	98.4
p1 Cal 4-50ng_TS	4	✔	50.0	49.9	99.8
p1 Cal 5-100ng_TS	5	✔	100.0	100.9	100.9
p1 Cal 6-250ng_TS	6	✔	250.0	252.3	100.9
p1 Cal 7-500ng_TS	7	✔	500.0	496.3	99.3
p1 Cal 8-1000ng_TS	8	✔	1000.0	1009.4	100.9

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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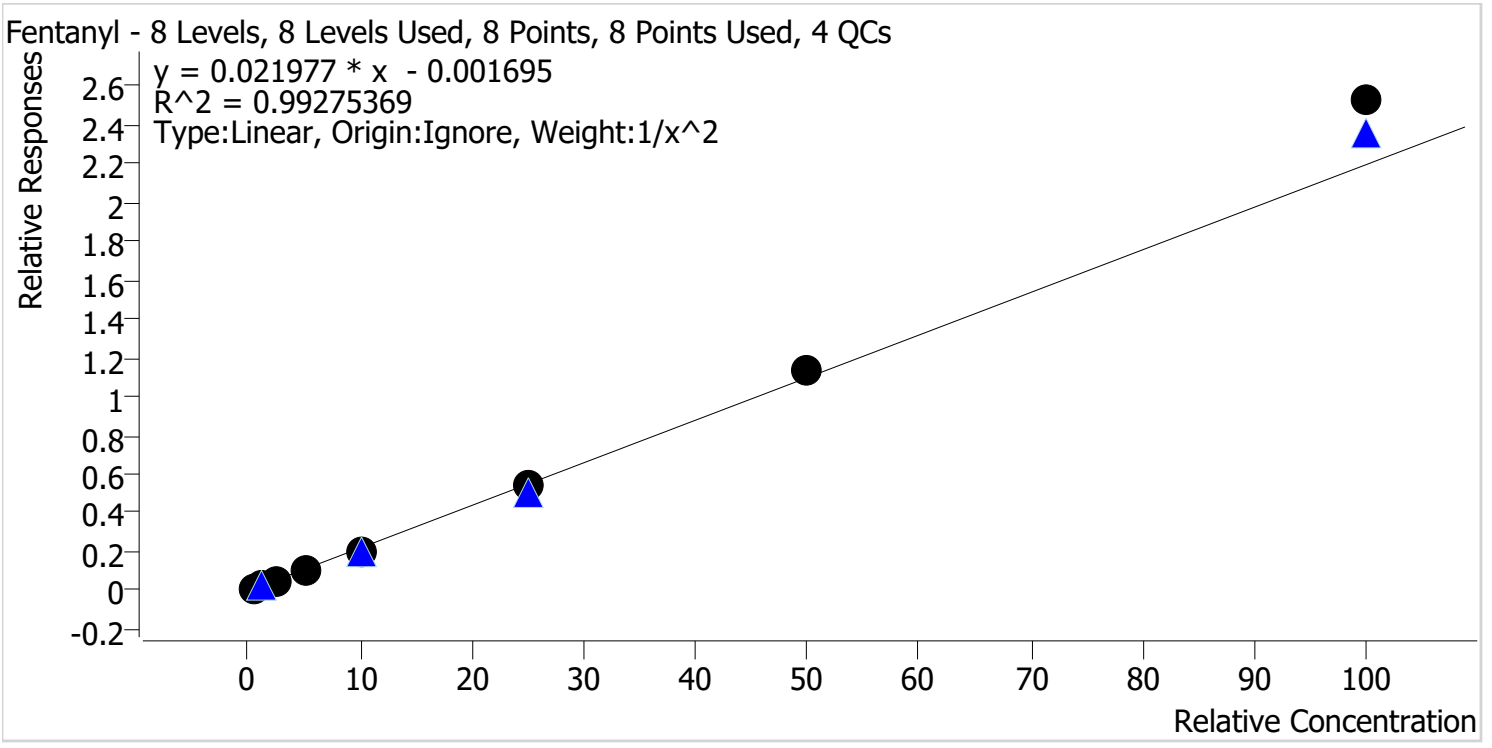
Analyst Name ISP\Datastor

Analyte Fentanyl **Internal Standard** Fentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	0.5	0.5	103.7
p1 Cal 2-10ng_TS	2	✔	1.0	1.0	96.8
p1 Cal 3 -25ng_TS	3	✔	2.5	2.3	93.3
p1 Cal 4-50ng_TS	4	✔	5.0	4.7	94.5
p1 Cal 5-100ng_TS	5	✔	10.0	9.4	93.7
p1 Cal 6-250ng_TS	6	✔	25.0	24.7	98.9
p1 Cal 7-500ng_TS	7	✔	50.0	52.0	104.0
p1 Cal 8-1000ng_TS	8	✔	100.0	115.1	115.1

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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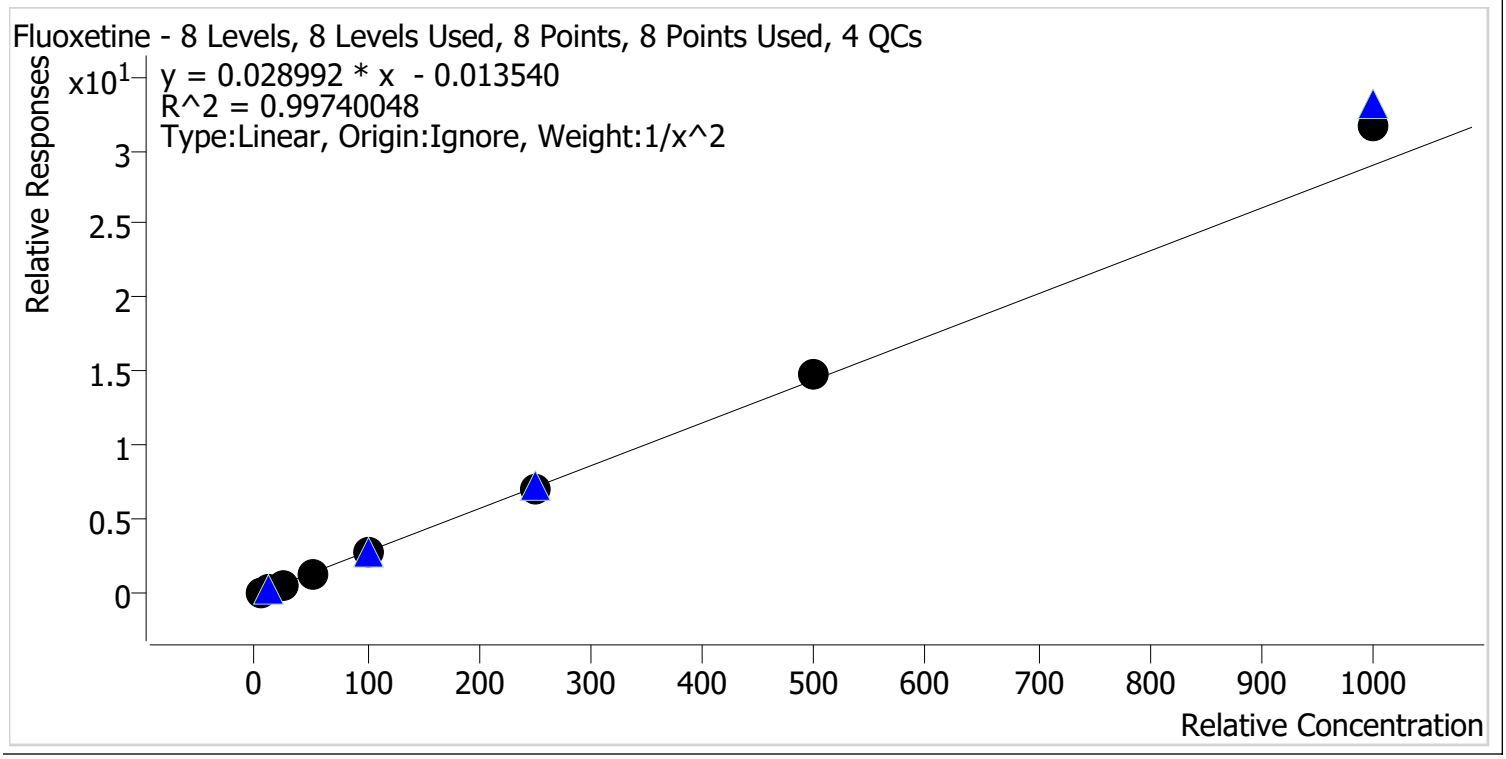
Analyst Name ISP\Datastor

Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.1	102.9
p1 Cal 2-10ng_TS	2	✔	10.0	9.7	96.8
p1 Cal 3 -25ng_TS	3	✔	25.0	23.9	95.5
p1 Cal 4-50ng_TS	4	✔	50.0	48.3	96.7
p1 Cal 5-100ng_TS	5	✔	100.0	98.1	98.1
p1 Cal 6-250ng_TS	6	✔	250.0	247.6	99.1
p1 Cal 7-500ng_TS	7	✔	500.0	511.5	102.3
p1 Cal 8-1000ng_TS	8	✔	1000.0	1087.8	108.8

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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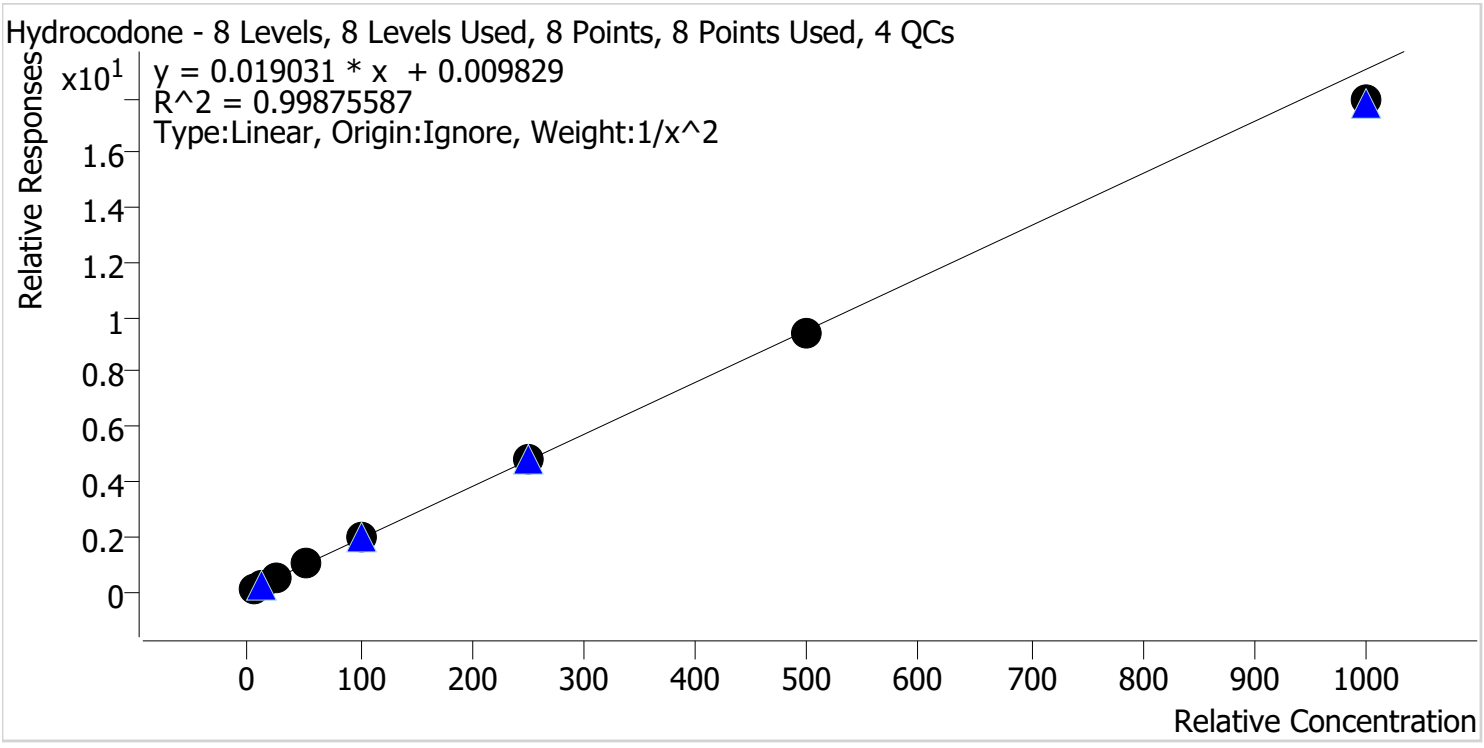
Analyst Name ISP\Datastor

Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	4.9	98.9
p1 Cal 2-10ng_TS	2	✔	10.0	10.0	100.3
p1 Cal 3 -25ng_TS	3	✔	25.0	25.7	102.6
p1 Cal 4-50ng_TS	4	✔	50.0	52.3	104.5
p1 Cal 5-100ng_TS	5	✔	100.0	100.6	100.6
p1 Cal 6-250ng_TS	6	✔	250.0	250.4	100.2
p1 Cal 7-500ng_TS	7	✔	500.0	494.3	98.9
p1 Cal 8-1000ng_TS	8	✔	1000.0	940.6	94.1

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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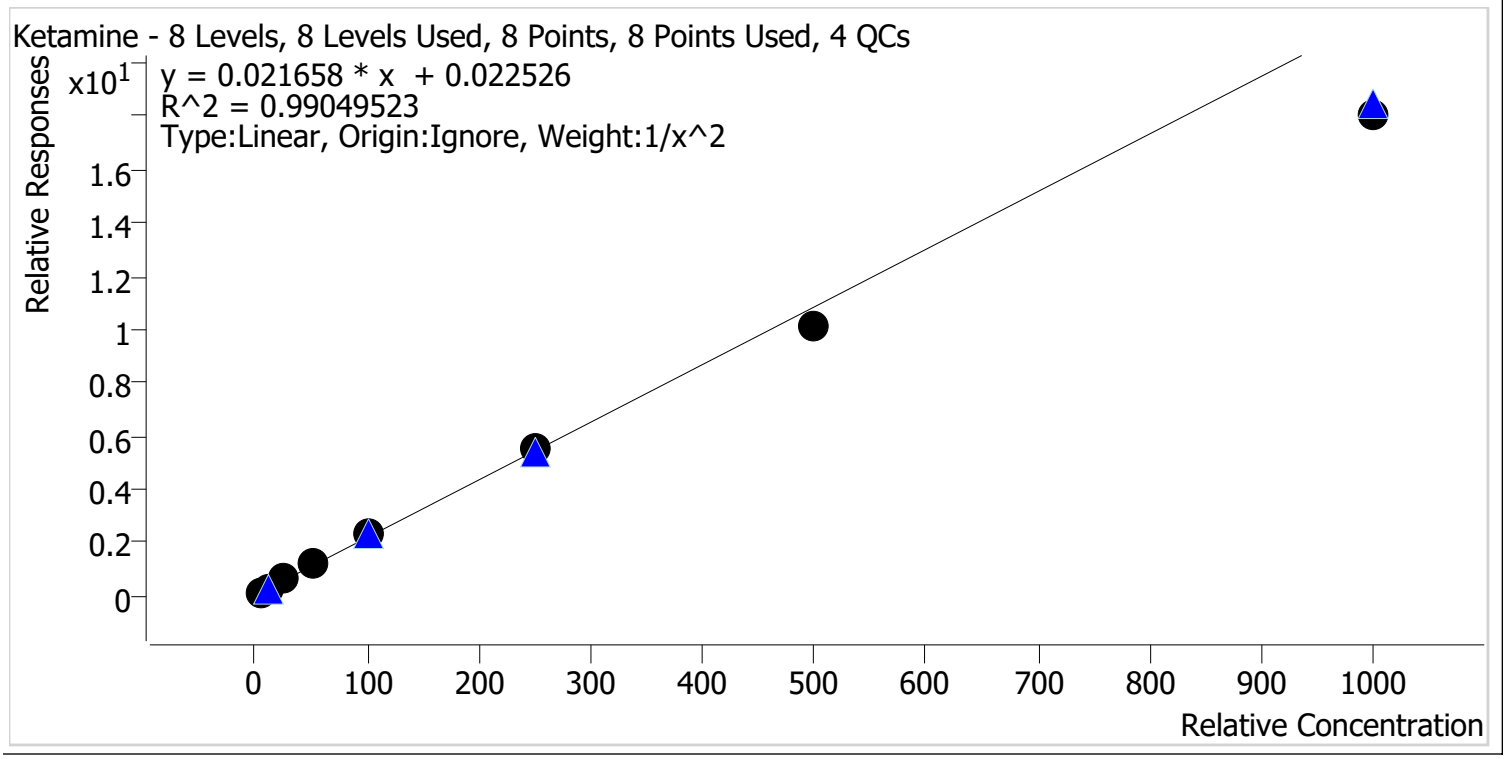
Analyst Name ISP\Datastor

Analyte Ketamine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	4.8	96.7
p1 Cal 2-10ng_TS	2	✔	10.0	10.2	101.5
p1 Cal 3 -25ng_TS	3	✔	25.0	26.9	107.5
p1 Cal 4-50ng_TS	4	✔	50.0	54.0	107.9
p1 Cal 5-100ng_TS	5	✔	100.0	107.8	107.8
p1 Cal 6-250ng_TS	6	✔	250.0	252.9	101.2
p1 Cal 7-500ng_TS	7	✔	500.0	469.7	93.9
p1 Cal 8-1000ng_TS	8	✔	1000.0	834.4	83.4

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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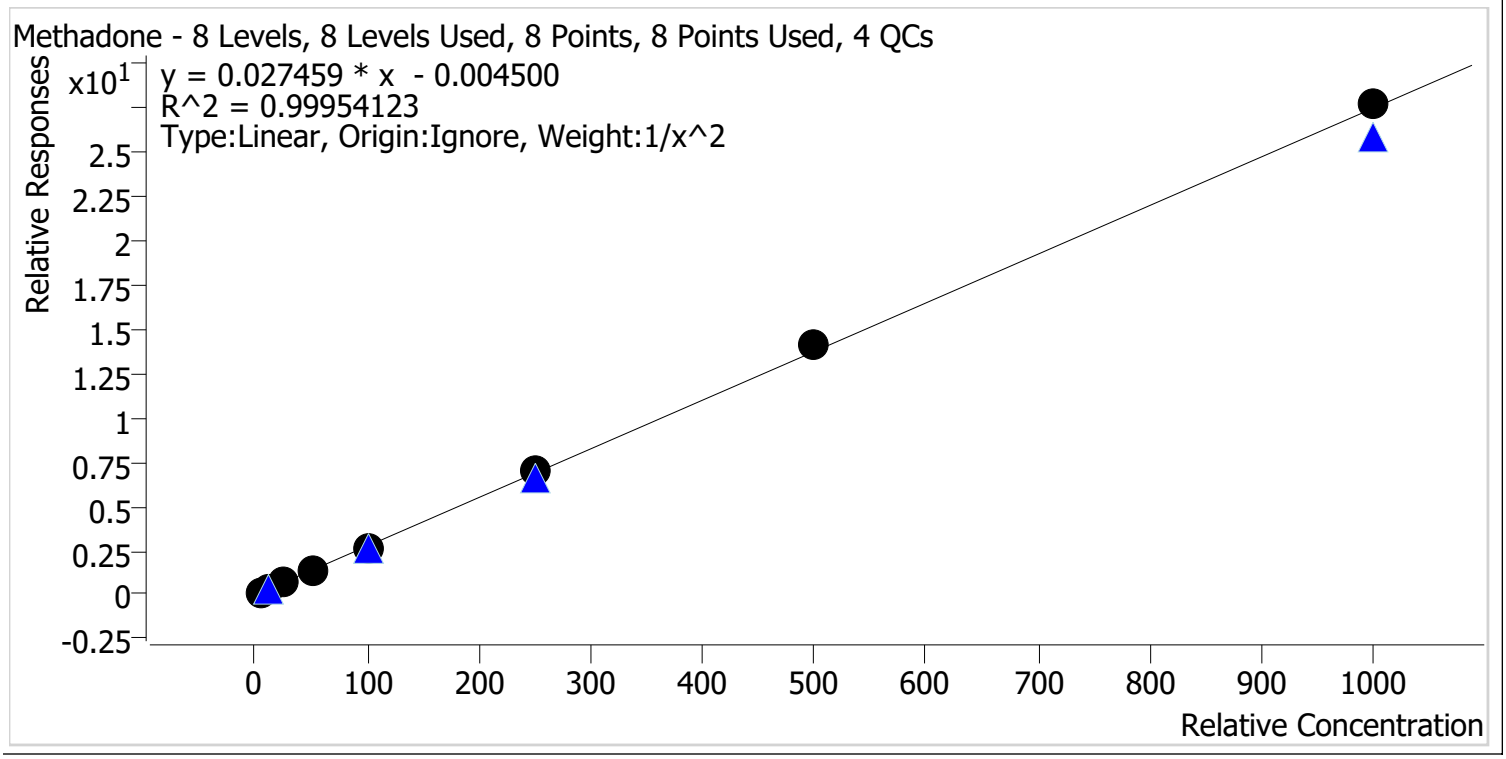
Analyst Name ISP\Datastor

Analyte Methadone **Internal Standard** Methadone-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	99.3
p1 Cal 2-10ng_TS	2	✔	10.0	10.2	102.3
p1 Cal 3 -25ng_TS	3	✔	25.0	24.8	99.1
p1 Cal 4-50ng_TS	4	✔	50.0	48.7	97.4
p1 Cal 5-100ng_TS	5	✔	100.0	97.9	97.9
p1 Cal 6-250ng_TS	6	✔	250.0	251.8	100.7
p1 Cal 7-500ng_TS	7	✔	500.0	511.7	102.3
p1 Cal 8-1000ng_TS	8	✔	1000.0	1008.2	100.8

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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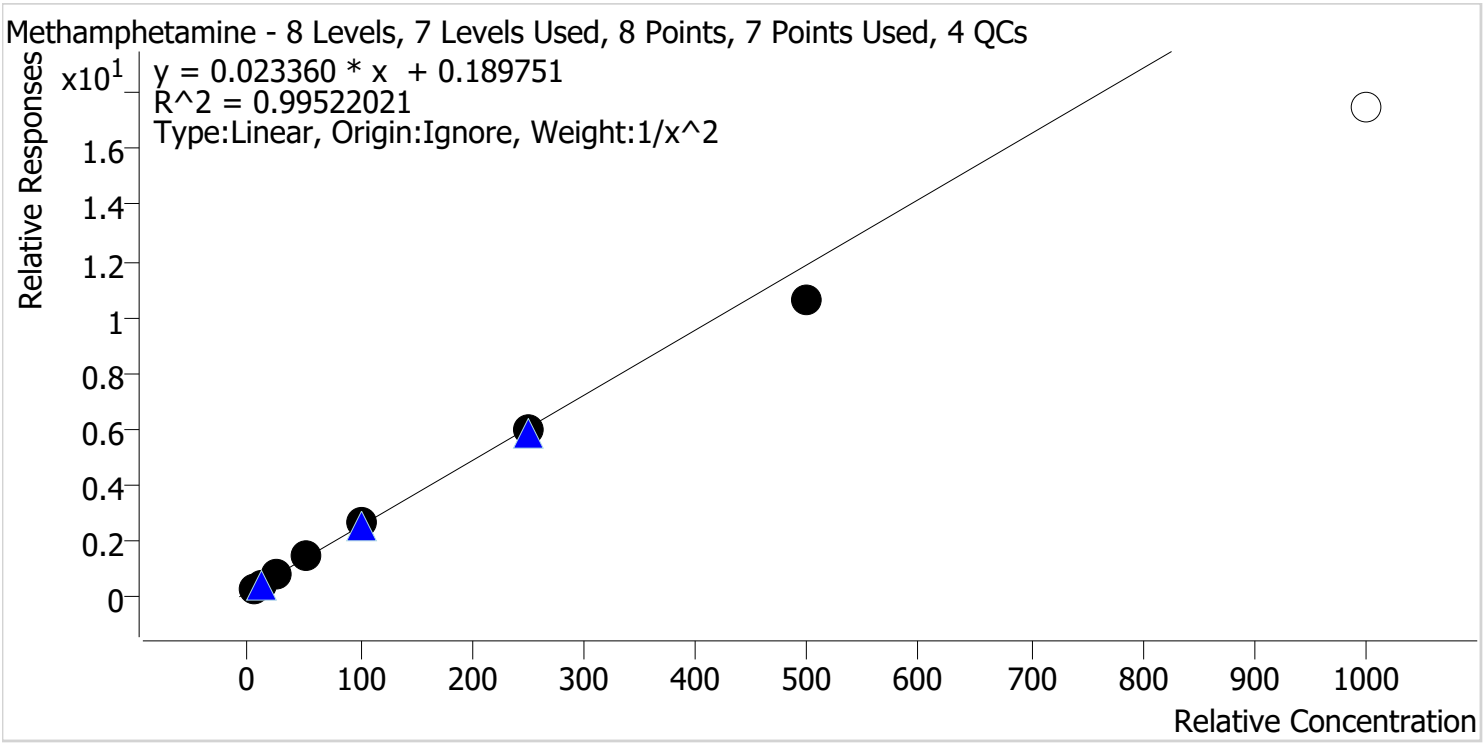
Analyst Name ISP\Datastor

Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	4.8	96.7
p1 Cal 2-10ng_TS	2	✔	10.0	10.4	104.1
p1 Cal 3 -25ng_TS	3	✔	25.0	25.9	103.6
p1 Cal 4-50ng_TS	4	✔	50.0	52.2	104.3
p1 Cal 5-100ng_TS	5	✔	100.0	104.0	104.0
p1 Cal 6-250ng_TS	6	✔	250.0	246.3	98.5
p1 Cal 7-500ng_TS	7	✔	500.0	443.4	88.7
p1 Cal 8-1000ng_TS	8	✗	1000.0	741.9	74.2

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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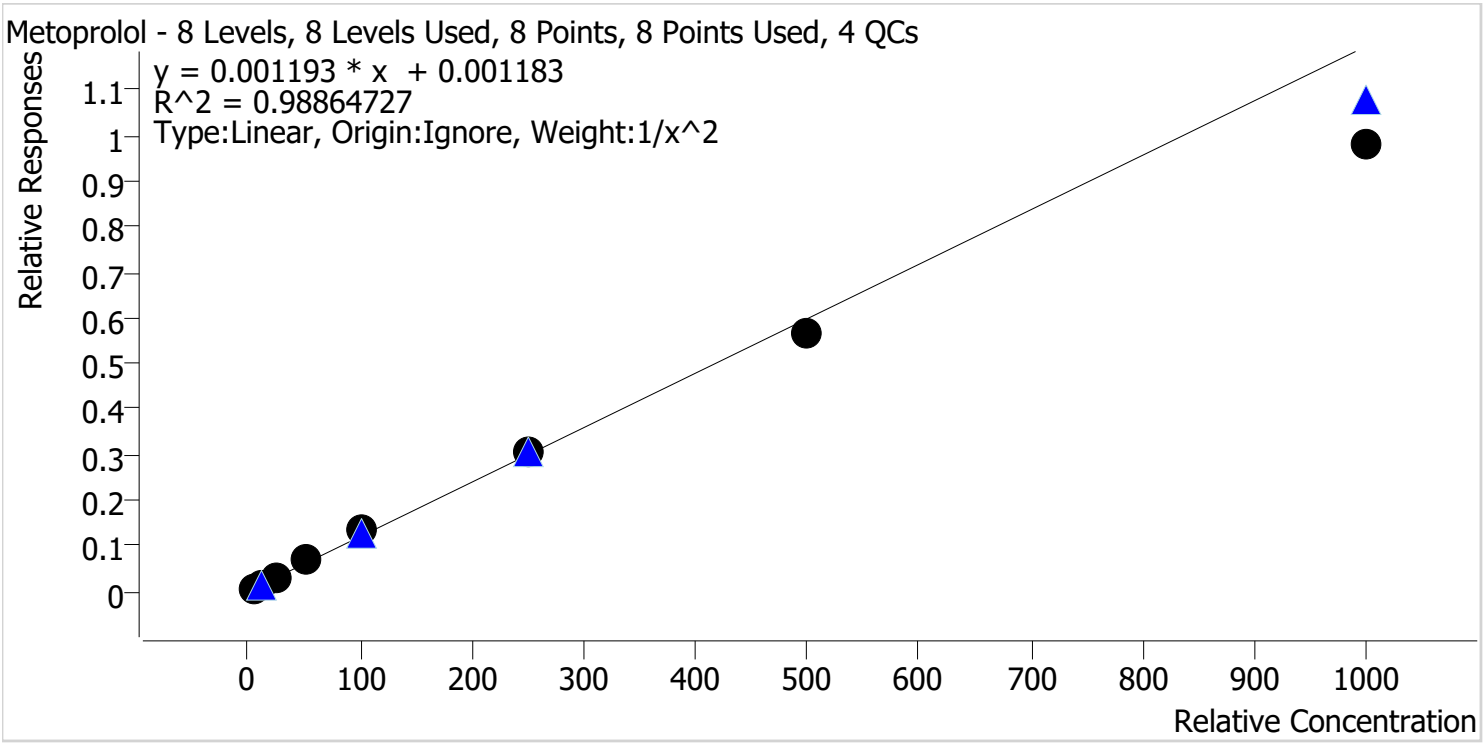
Analyst Name ISP\Datastor

Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	99.4
p1 Cal 2-10ng_TS	2	✔	10.0	9.6	95.9
p1 Cal 3 -25ng_TS	3	✔	25.0	26.7	106.6
p1 Cal 4-50ng_TS	4	✔	50.0	54.9	109.9
p1 Cal 5-100ng_TS	5	✔	100.0	109.9	109.9
p1 Cal 6-250ng_TS	6	✔	250.0	254.1	101.7
p1 Cal 7-500ng_TS	7	✔	500.0	471.9	94.4
p1 Cal 8-1000ng_TS	8	✔	1000.0	822.9	82.3

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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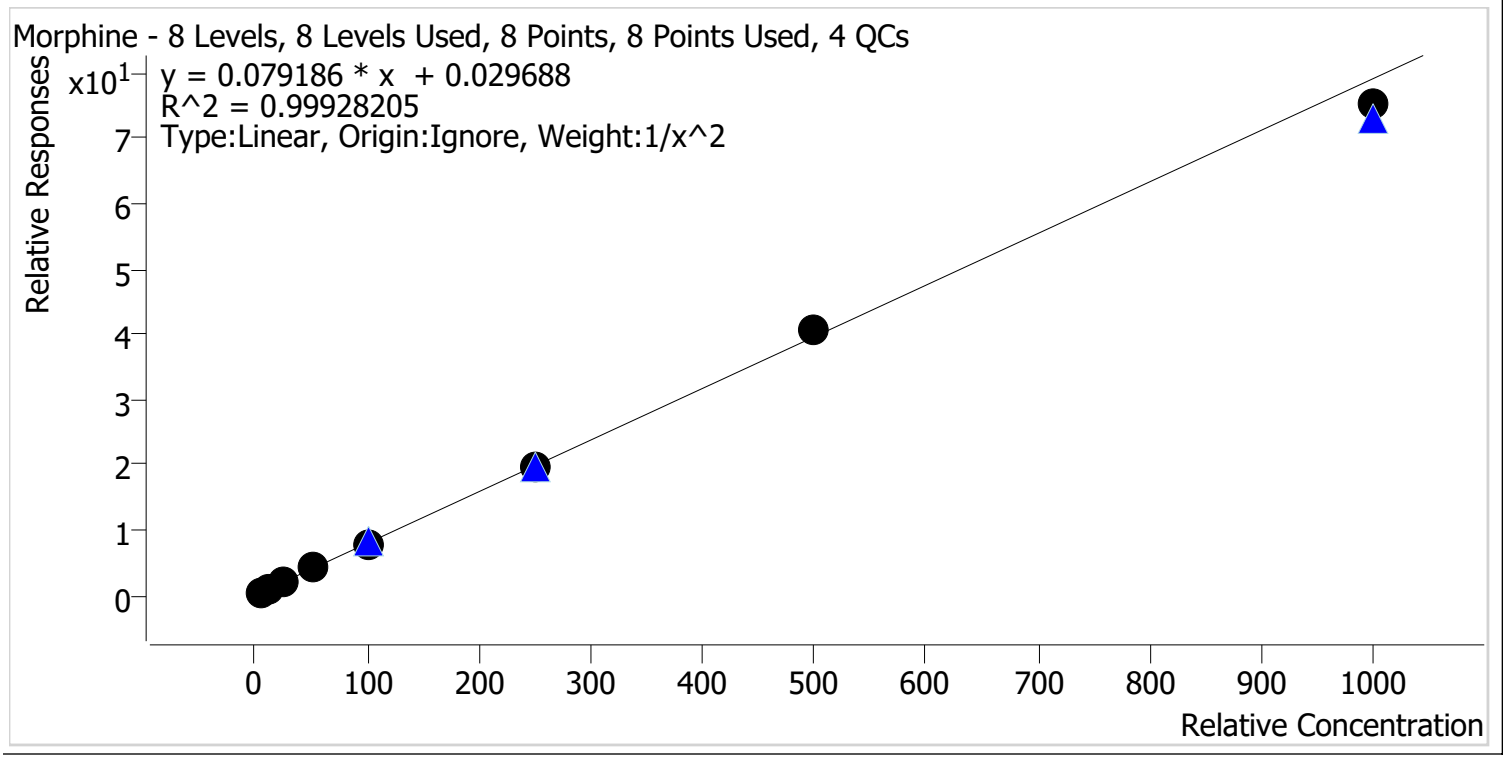
Analyst Name ISP\Datastor

Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	99.3
p1 Cal 2-10ng_TS	2	✔	10.0	10.0	100.5
p1 Cal 3 -25ng_TS	3	✔	25.0	25.3	101.3
p1 Cal 4-50ng_TS	4	✔	50.0	50.8	101.7
p1 Cal 5-100ng_TS	5	✔	100.0	99.7	99.7
p1 Cal 6-250ng_TS	6	✔	250.0	249.1	99.6
p1 Cal 7-500ng_TS	7	✔	500.0	513.9	102.8
p1 Cal 8-1000ng_TS	8	✔	1000.0	950.3	95.0

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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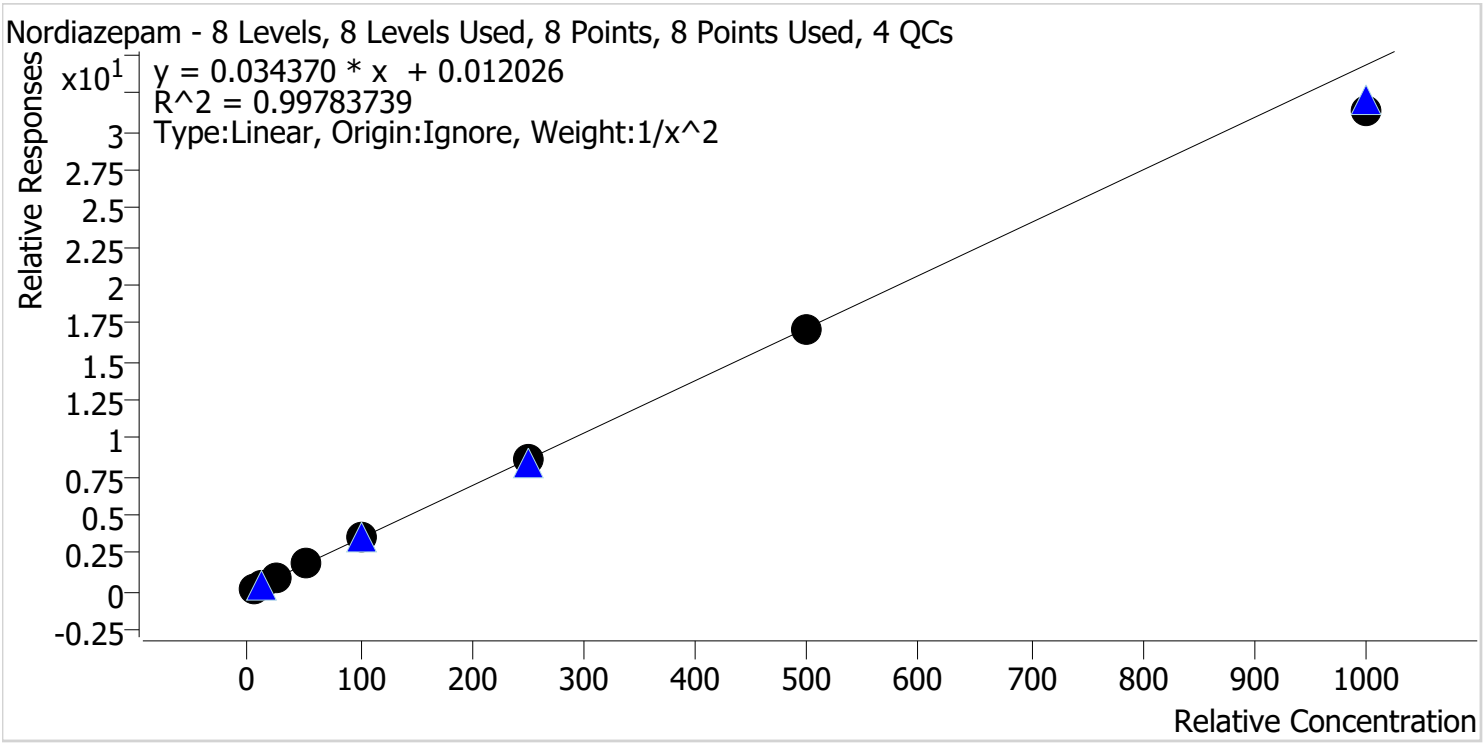
Analyst Name ISP\Datastor

Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	4.9	98.0
p1 Cal 2-10ng_TS	2	✔	10.0	10.2	101.8
p1 Cal 3 -25ng_TS	3	✔	25.0	26.0	104.0
p1 Cal 4-50ng_TS	4	✔	50.0	51.0	101.9
p1 Cal 5-100ng_TS	5	✔	100.0	103.8	103.8
p1 Cal 6-250ng_TS	6	✔	250.0	248.6	99.4
p1 Cal 7-500ng_TS	7	✔	500.0	497.8	99.6
p1 Cal 8-1000ng_TS	8	✔	1000.0	915.0	91.5

TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

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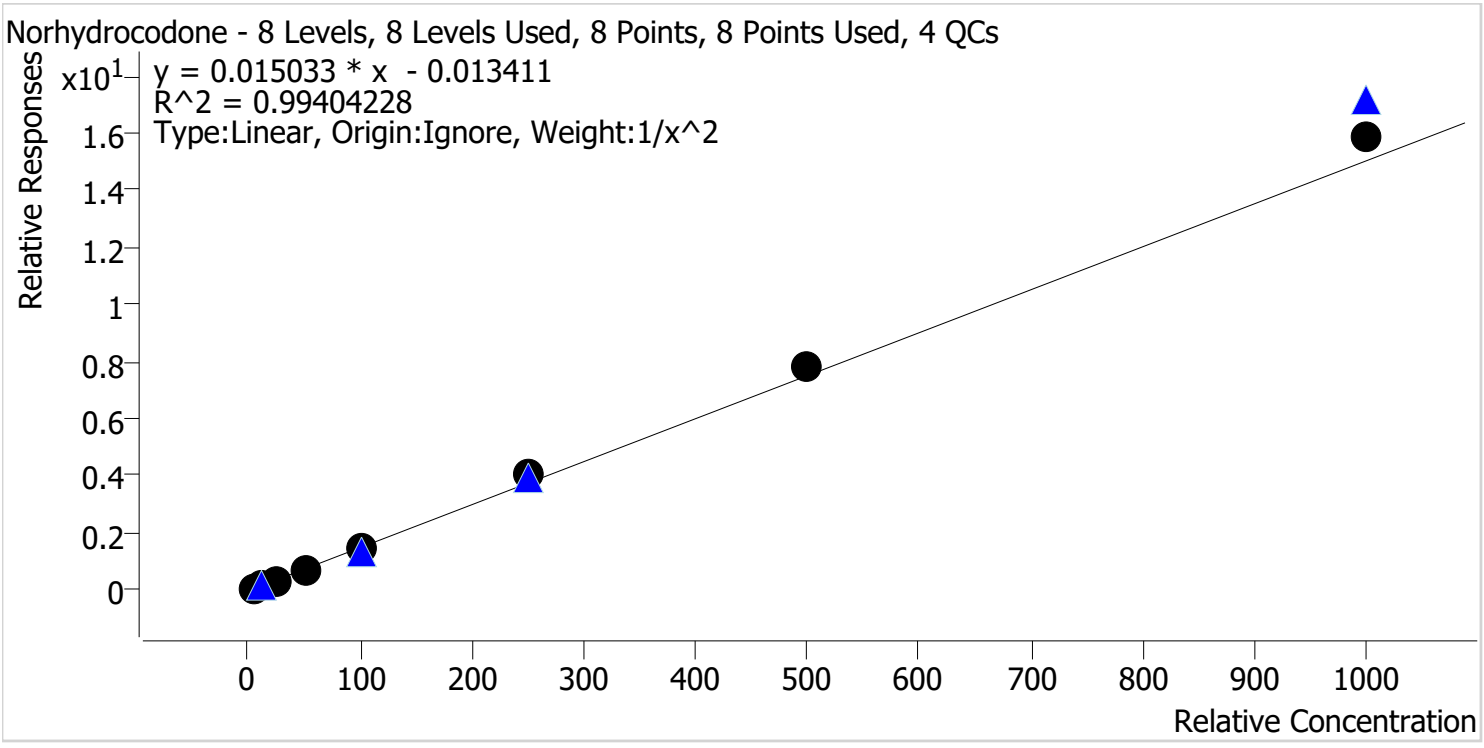
Analyst Name ISP\Datastor

Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.2	103.2
p1 Cal 2-10ng_TS	2	✔	10.0	9.9	99.1
p1 Cal 3 -25ng_TS	3	✔	25.0	21.9	87.7
p1 Cal 4-50ng_TS	4	✔	50.0	48.6	97.2
p1 Cal 5-100ng_TS	5	✔	100.0	95.0	95.0
p1 Cal 6-250ng_TS	6	✔	250.0	271.6	108.6
p1 Cal 7-500ng_TS	7	✔	500.0	517.3	103.5
p1 Cal 8-1000ng_TS	8	✔	1000.0	1057.5	105.7

TS

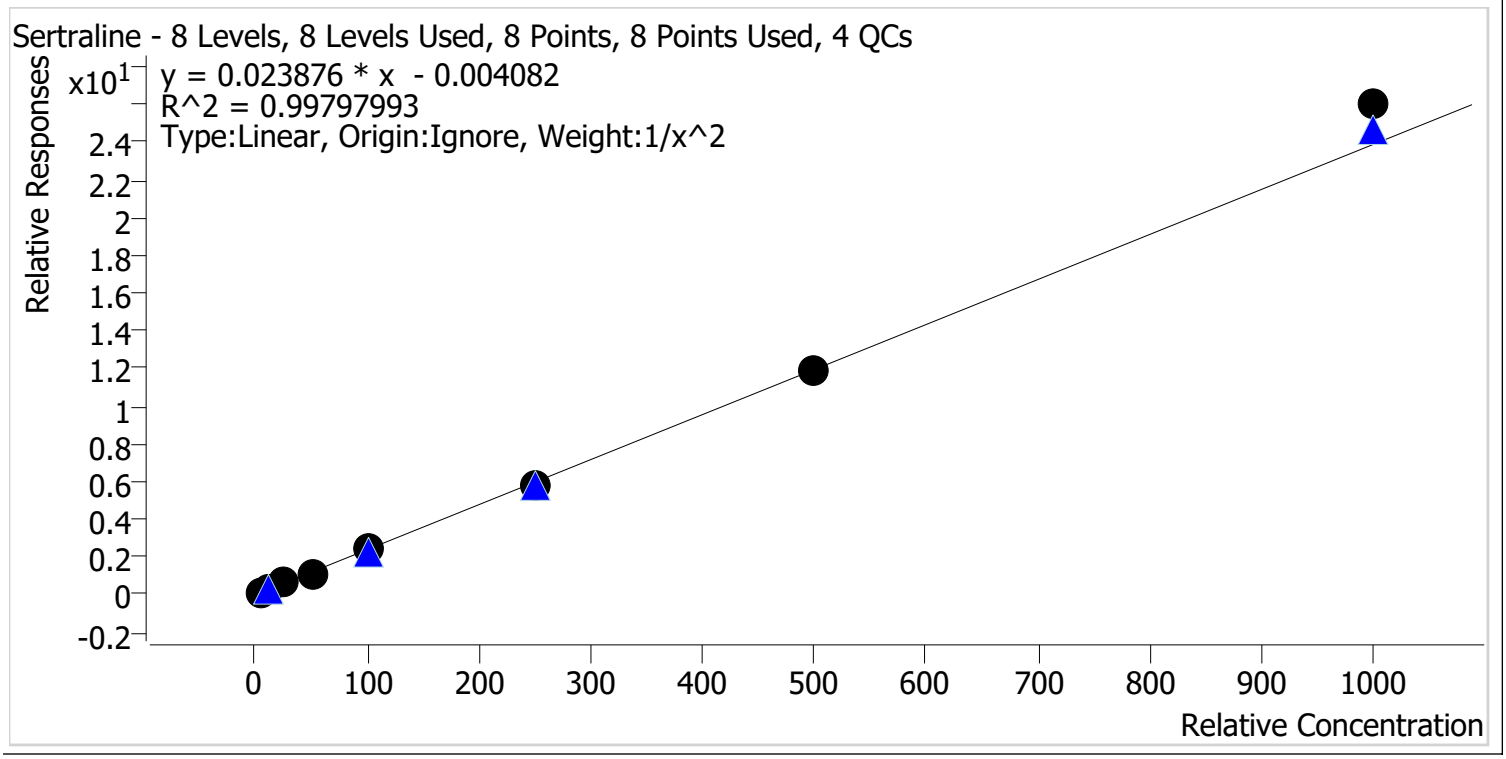
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.1	101.7
p1 Cal 2-10ng_TS	2	✔	10.0	9.8	97.7
p1 Cal 3 -25ng_TS	3	✔	25.0	24.8	99.3
p1 Cal 4-50ng_TS	4	✔	50.0	48.4	96.9
p1 Cal 5-100ng_TS	5	✔	100.0	98.4	98.4
p1 Cal 6-250ng_TS	6	✔	250.0	244.0	97.6
p1 Cal 7-500ng_TS	7	✔	500.0	497.4	99.5
p1 Cal 8-1000ng_TS	8	✔	1000.0	1089.3	108.9

TS

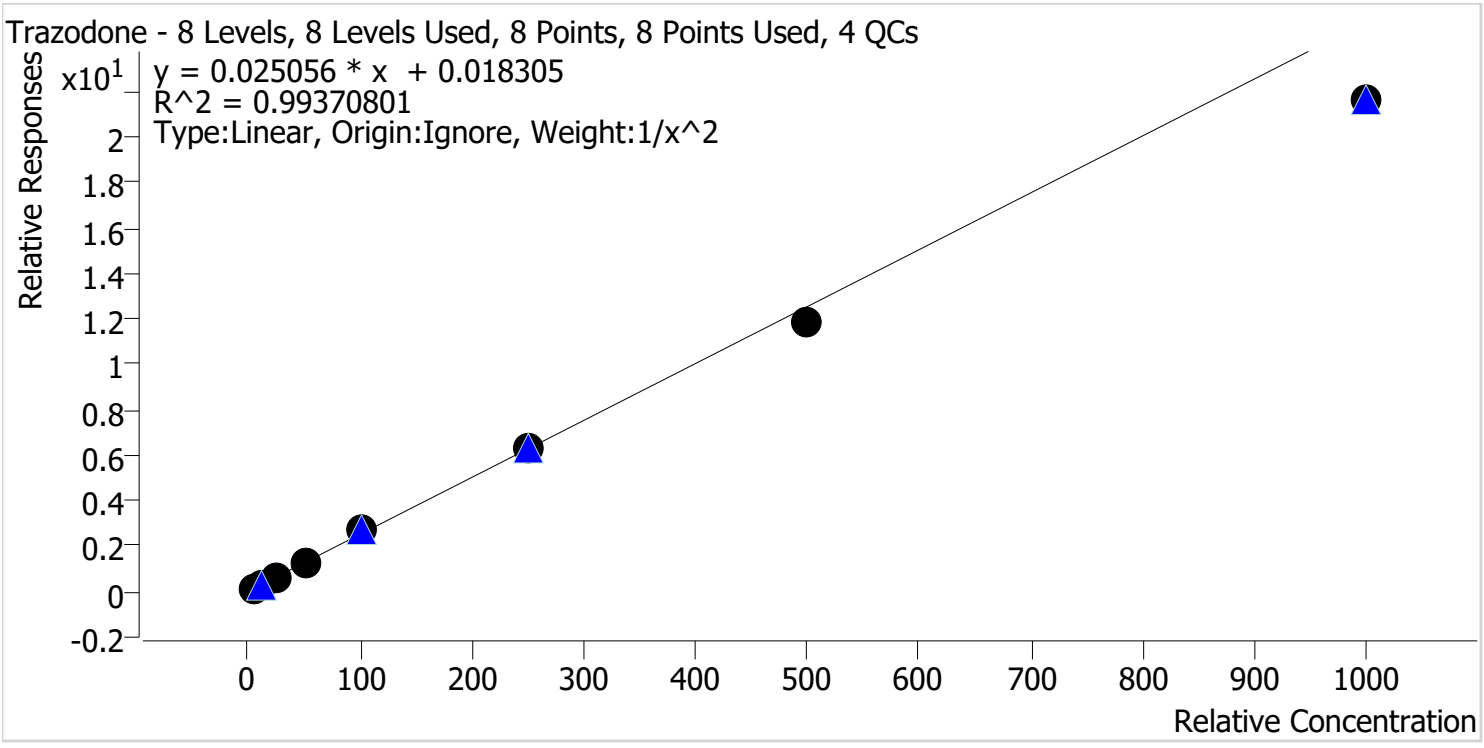
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Trazodone **Internal Standard** Trazodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	4.8	96.9
p1 Cal 2-10ng_TS	2	✔	10.0	10.2	102.4
p1 Cal 3 -25ng_TS	3	✔	25.0	26.5	105.8
p1 Cal 4-50ng_TS	4	✔	50.0	52.6	105.2
p1 Cal 5-100ng_TS	5	✔	100.0	106.5	106.5
p1 Cal 6-250ng_TS	6	✔	250.0	254.4	101.8
p1 Cal 7-500ng_TS	7	✔	500.0	475.9	95.2
p1 Cal 8-1000ng_TS	8	✔	1000.0	862.6	86.3

TS

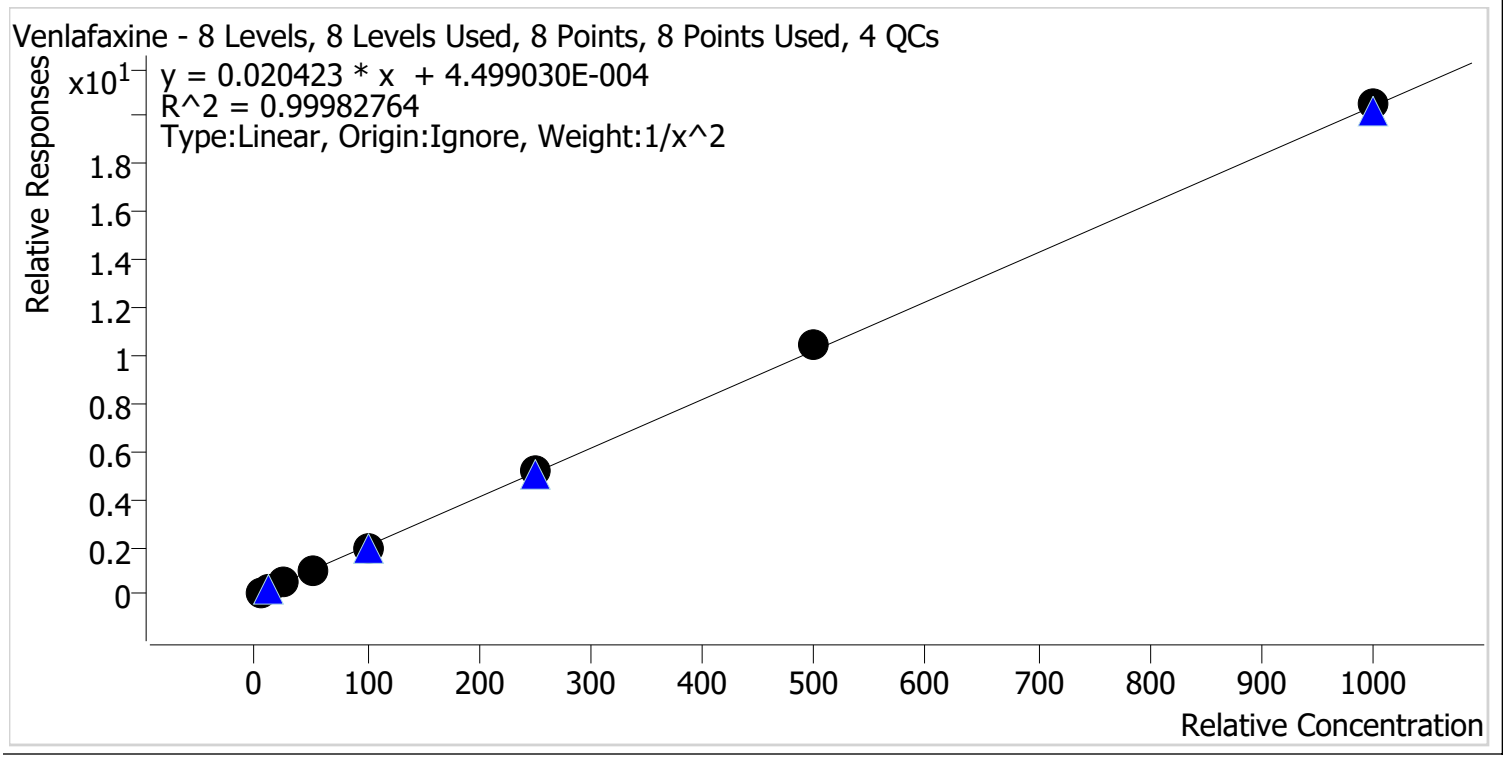
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	5.0	100.6
p1 Cal 2-10ng_TS	2	✔	10.0	9.9	99.2
p1 Cal 3 -25ng_TS	3	✔	25.0	24.8	99.1
p1 Cal 4-50ng_TS	4	✔	50.0	50.2	100.3
p1 Cal 5-100ng_TS	5	✔	100.0	98.1	98.1
p1 Cal 6-250ng_TS	6	✔	250.0	251.2	100.5
p1 Cal 7-500ng_TS	7	✔	500.0	509.0	101.8
p1 Cal 8-1000ng_TS	8	✔	1000.0	1004.0	100.4

TS

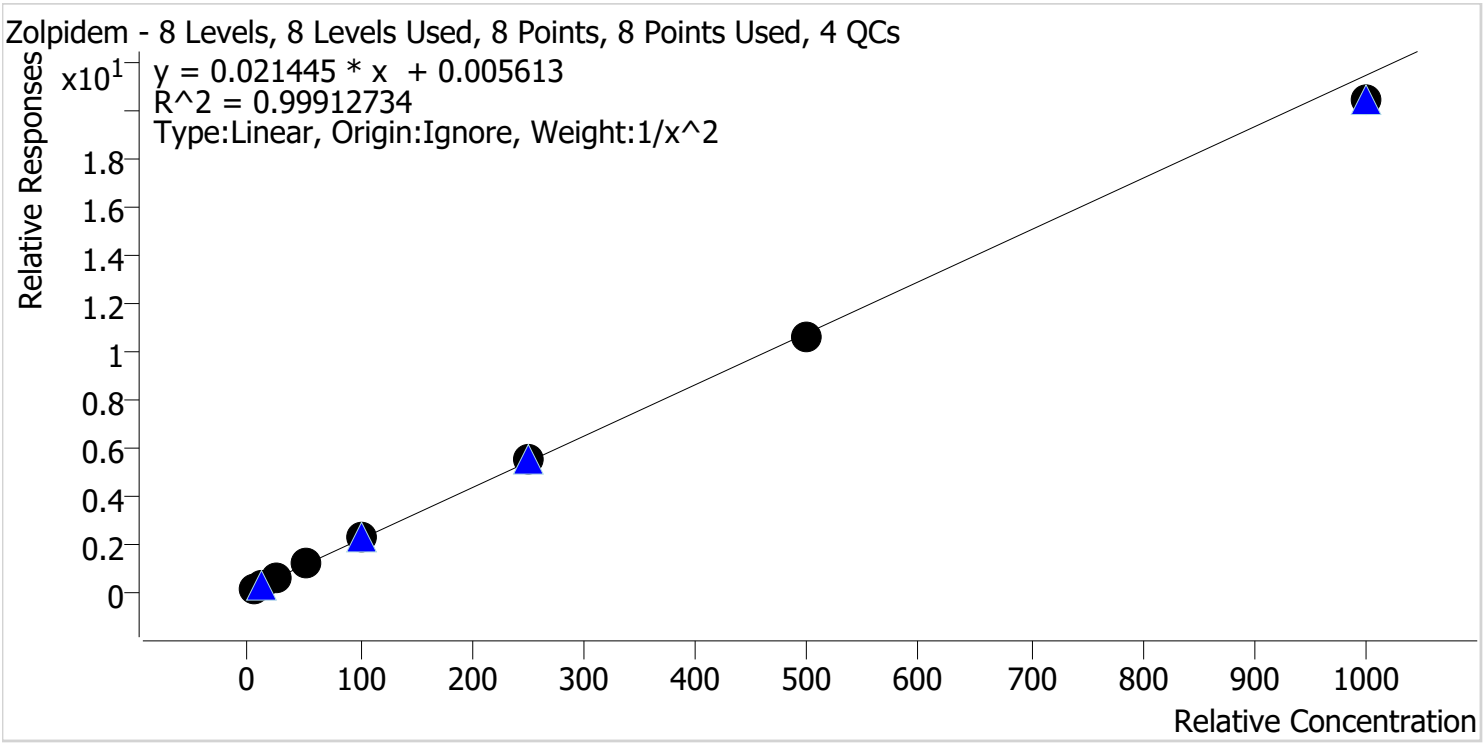
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin

Last Cal. Update 10/2/2024 1:43 PM

Analyst Name ISP\Datastor

Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_TS	1	✔	5.0	4.9	98.8
p1 Cal 2-10ng_TS	2	✔	10.0	10.2	101.6
p1 Cal 3 -25ng_TS	3	✔	25.0	25.0	100.1
p1 Cal 4-50ng_TS	4	✔	50.0	51.3	102.6
p1 Cal 5-100ng_TS	5	✔	100.0	102.7	102.7
p1 Cal 6-250ng_TS	6	✔	250.0	252.5	101.0
p1 Cal 7-500ng_TS	7	✔	500.0	490.5	98.1
p1 Cal 8-1000ng_TS	8	✔	1000.0	951.4	95.1

TS

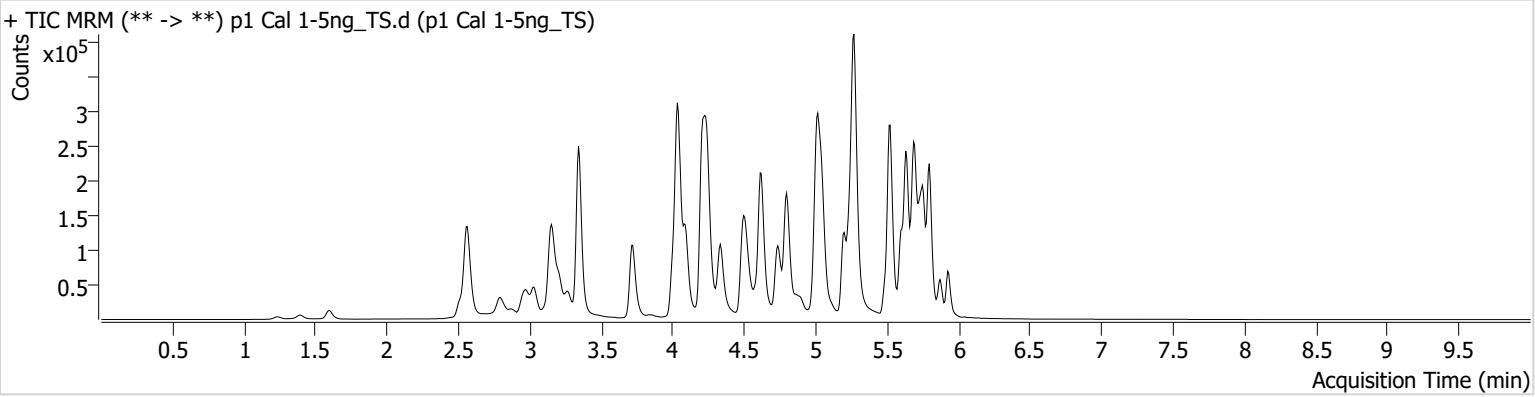
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-H12
Injection Volume 2
Acq. Date-Time 9/24/2024 10:39:30 AM
Sample Info.

Data File p1 Cal 1-5ng_TS.d
Sample p1 Cal 1-5ng_TS
Operator Tamara Salazar
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.237	8715	2648.45	77.2	43.80	63383	4.8368 ng/ml
Alprazolam	5.762	19009	410.71	106.4	2571.92	108125	4.9962 ng/ml
Amphetamine	3.033	66851	181.62	45.3	2576.98	97831	4.8184 ng/ml
Benzoylecgonine	3.869	896	14.31	37.1	129.66	6963	4.7994 ng/ml
Bromazolam	5.793	13376	1211.14	132.4	18129.55	68968	4.9656 ng/ml
Bupropion	4.751	40511	54512.14	59.5	918.13	245832	4.9577 ng/ml
Clonazepam	5.597	22521	974.99	33.0	5014.51	49514	4.7257 ng/ml
Cocaine	4.243	25711	23633.96	49.1	1201.21	422695	5.0024 ng/ml
Cyclobenzaprine	5.606	28869	52826.58	9.7	4165.00	166931	5.0897 ng/ml
Dextromethorphan	5.250	18919	443.46	80.0	11397.56	152212	5.0198 ng/ml
Diazepam	5.934	12851	199.91	88.9	250.18	109150	4.9275 ng/ml
Diphenhydramine	5.271	68268	7191.16	33.4	524.13	872721	5.0681 ng/ml
Doxylamine	4.518	68455	485.25	97.4	2069.69	505858	5.0000 ng/ml
Duloxetine	5.633	3394	837.66	12.3	263.23	36279	4.9846 ng/ml
EDDP	5.243	23285	1458.11	40.3	432.41	216614	5.0412 ng/ml
Fentanyl	5.062	2865	75.37	77.1	2838.21	295277	0.5186 ng/ml
Fluoxetine	5.686	41658	44542.54	7.8	3477.72	307175	5.1447 ng/ml
Hydrocodone	3.009	8803	56.47	38.8	280.06	84715	4.9438 ng/ml
Hydroxyzine	5.676	33155	17299.94	65.3	2954.34	152212	5.1232 ng/ml
Ketamine	4.021	26470	1353.84	36.8	58.33	208067	4.8339 ng/ml
Methadone	5.639	48114	851.97	55.0	247.66	364820	4.9668 ng/ml
Methamphetamine	3.209	94879	517.61	36.7	1363.48	313420	4.8361 ng/ml
Metoprolol	4.299	4287	3389.69	101.7	251.03	602812	4.9683 ng/ml
Mirtazapine	4.586	48837	2750.97	59.3	227.98	232322	5.0302 ng/ml
Morphine	1.247	1203	893.65	65.5	103.70	2843	4.9670 ng/ml
Nordiazepam	5.880	14688	49669.78	57.1	7320.63	81420	4.8987 ng/ml
Norhydrocodone	3.050	1076	49.14	40.3	59.92	16773	5.1610 ng/ml
o-desmethylvenlafaxine	4.054	63582	2799.24	22.0	572.58	109447	5.0528 ng/ml
Olanzapine	4.359	5321	1722.80	55.8	2887.91	21577	4.9527 ng/ml
Pseudoephedrine	2.572	44060	2586.25	15.2	4618.91	413732	5.0380 ng/ml
Sertraline	5.755	14475	782.41	93.7	1354.64	123387	5.0844 ng/ml

TS

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Trazodone	5.040	41000	1857.37	71.3	318.92	293507	4.8445 ng/ml
Venlafaxine	5.016	54954	9589.94	32.5	184.51	532479	5.0314 ng/ml
Zolpidem	4.818	50392	168.97	30.1	61.22	451726	4.9402 ng/ml

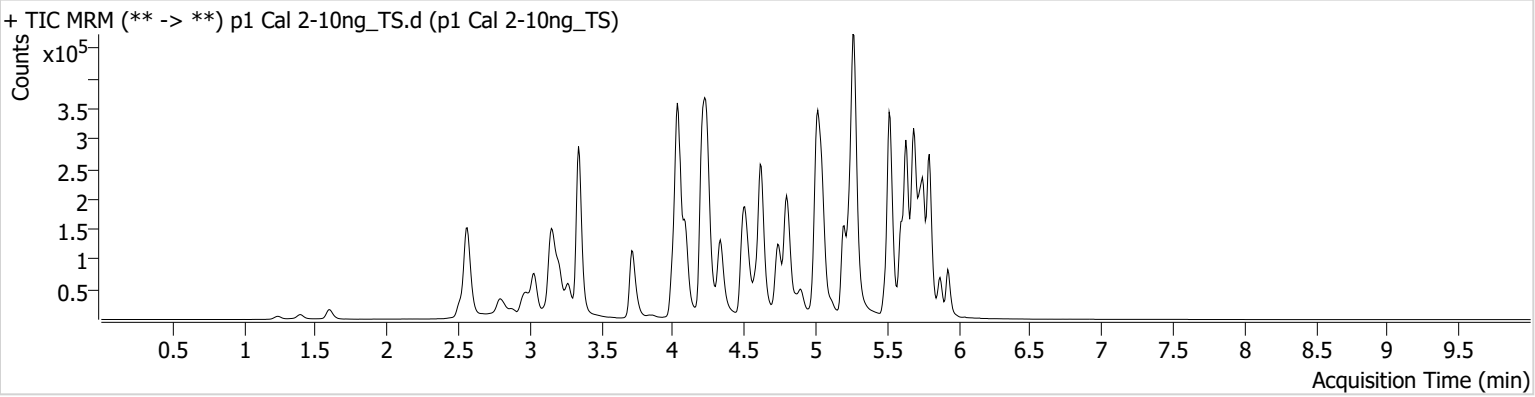
TS

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument	Falco (069901)	**Data File**	p1 Cal 2-10ng_TS.d
Type	Cal	**Sample**	p1 Cal 2-10ng_TS
Acq. Method	AM 28 MDQ P1.m	**Operator**	Tamara Salazar
Sample Position	P2-G12	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2		
Acq. Date-Time	9/24/2024 10:50:26 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.244	16731	6444.46	79.7	9648.24	64231	10.4158 ng/ml
Alprazolam	5.755	37107	570.11	109.5	405.34	109598	9.9180 ng/ml
Amphetamine	3.033	127904	3903.85	45.8	351.70	101410	10.3660 ng/ml
Benzoylecgonine	3.869	2073	80.01	35.0	57.59	7126	10.8995 ng/ml
Bromazolam	5.793	27539	27128.35	134.3	65642.61	72109	9.9625 ng/ml
Bupropion	4.751	81619	487.35	59.9	338.10	250347	10.0823 ng/ml
Clonazepam	5.597	45177	580.48	33.4	33941.77	50749	10.5432 ng/ml
Cocaine	4.237	53926	309.40	51.7	115.80	441441	9.9813 ng/ml
Cyclobenzaprine	5.606	58944	89920.20	9.0	119.97	177370	9.7757 ng/ml
Dextromethorphan	5.250	39543	141.43	80.6	153.22	161868	9.8883 ng/ml
Diazepam	5.934	26653	187.22	85.6	189.32	110806	10.2780 ng/ml
Diphenhydramine	5.271	139566	11095.29	34.1	1329.71	920910	9.8246 ng/ml
Doxylamine	4.511	143248	14519.04	99.3	760.66	525363	10.1078 ng/ml
Duloxetine	5.633	7086	1825.28	11.7	56.57	37403	10.0761 ng/ml
EDDP	5.243	46367	172.04	43.4	58914.94	223111	9.8906 ng/ml
Fentanyl	5.062	5924	23587.49	69.0	403.92	302645	0.9678 ng/ml
Fluoxetine	5.686	85906	2777.89	7.4	19880.09	321656	9.6789 ng/ml
Hydrocodone	3.009	17907	188.06	37.2	50.34	89205	10.0315 ng/ml
Hydroxyzine	5.676	66894	5122.42	70.6	1991.71	161868	9.6815 ng/ml
Ketamine	4.014	52669	380.40	37.7	82.37	217280	10.1523 ng/ml
Methadone	5.639	104645	487.61	52.3	513.13	378497	10.2326 ng/ml
Methamphetamine	3.209	141494	292.82	37.1	202.62	326770	10.4133 ng/ml
Metoprolol	4.299	8112	183.65	110.6	856.56	642696	9.5869 ng/ml
Mirtazapine	4.586	99981	97896.90	61.3	7813.41	246782	9.8270 ng/ml
Morphine	1.240	2435	1153.96	71.1	241.56	2949	10.0494 ng/ml
Nordiazepam	5.880	29842	237.73	58.6	344.98	82448	10.1810 ng/ml
Norhydrocodone	3.043	2457	832.00	42.4	188.66	18129	9.9080 ng/ml
o-desmethylvenlafaxine	4.054	128199	100.11	22.3	579.96	116809	9.7654 ng/ml
Olanzapine	4.359	10183	6791.84	53.0	78.19	21343	10.0699 ng/ml
Pseudoephedrine	2.572	88375	242.96	15.0	2784.50	426797	9.9699 ng/ml
Sertraline	5.755	28292	8340.43	99.9	3183.36	123453	9.7694 ng/ml

TS

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Trazodone	5.040	84799	1103.22	71.6	43725.14	308612	10.2359 ng/ml
Venlafaxine	5.016	114243	474.59	32.4	176.16	562758	9.9182 ng/ml
Zolpidem	4.818	106517	1921.74	29.7	1936.02	476484	10.1625 ng/ml

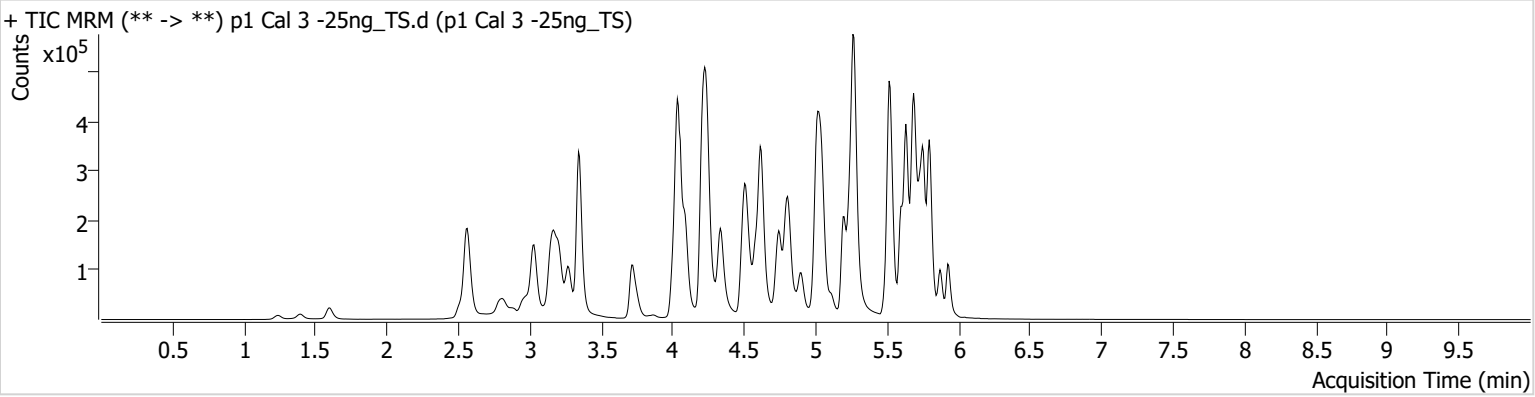
TS

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument	Falco (069901)	**Data File**	p1 Cal 3 -25ng_TS.d
Type	Cal	**Sample**	p1 Cal 3 -25ng_TS
Acq. Method	AM 28 MDQ P1.m	**Operator**	Tamara Salazar
Sample Position	P2-F12	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2		
Acq. Date-Time	9/24/2024 11:01:03 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.237	37945	194183.96	80.2	1071.49	60097	27.2415 ng/ml
Alprazolam	5.755	87686	551.50	110.4	999.21	103189	25.3759 ng/ml
Amphetamine	3.033	293364	278.74	45.4	309.95	98753	26.7754 ng/ml
Benzoylecgonine	3.869	4539	345.27	41.5	102.78	6780	25.1291 ng/ml
Bromazolam	5.793	64004	68847.53	130.7	81149.80	64536	26.1751 ng/ml
Bupropion	4.751	194060	599.53	59.6	2536.38	242090	25.1979 ng/ml
Clonazepam	5.597	101642	350.51	33.9	34295.02	47201	27.4229 ng/ml
Cocaine	4.237	127426	682.46	51.1	3312.53	414786	25.0033 ng/ml
Cyclobenzaprine	5.606	141144	377.72	9.5	21999.36	171051	24.2659 ng/ml
Dextromethorphan	5.250	94565	∞	78.4	908.99	152027	25.2131 ng/ml
Diazepam	5.934	61532	290.19	88.1	332.81	105232	25.2749 ng/ml
Diphenhydramine	5.271	330715	8836.26	33.7	2733.87	873967	24.5398 ng/ml
Doxylamine	4.511	335660	7315.27	98.6	383.02	512512	24.3246 ng/ml
Duloxetine	5.626	17821	1050.97	11.7	1929.29	38175	24.8059 ng/ml
EDDP	5.243	104890	1396.58	43.9	190.98	204808	24.6008 ng/ml
Fentanyl	5.062	14737	502.22	63.2	8592.03	297326	2.3324 ng/ml
Fluoxetine	5.686	216792	692.43	7.3	15378.27	319539	23.8683 ng/ml
Hydrocodone	3.009	41721	126.38	39.5	55.65	83777	25.6507 ng/ml
Hydroxyzine	5.676	155488	17561.37	71.2	12090.27	152027	23.8970 ng/ml
Ketamine	4.014	125132	1407.20	37.3	287.46	207036	26.8668 ng/ml
Methadone	5.632	240919	10999.96	51.9	700.16	356540	24.7722 ng/ml
Methamphetamine	3.209	250466	969.94	37.1	224.17	315118	25.9024 ng/ml
Metoprolol	4.299	20220	26985.84	109.4	2059.97	612861	26.6588 ng/ml
Mirtazapine	4.586	240008	2861.07	59.9	2161.03	234977	24.9923 ng/ml
Morphine	1.240	5697	141.00	69.5	290.92	2799	25.3301 ng/ml
Nordiazepam	5.880	70857	579.19	56.8	552.94	78255	25.9942 ng/ml
Norhydrocodone	3.050	5600	125.04	44.2	95.81	17720	21.9149 ng/ml
o-desmethylvenlafaxine	4.054	300494	97.69	22.0	1126.24	109399	24.8115 ng/ml
Olanzapine	4.359	29430	1510.11	55.5	415.23	25184	25.4219 ng/ml
Pseudoephedrine	2.572	202695	9545.66	15.7	1709.69	403408	24.4554 ng/ml
Sertraline	5.755	76586	6184.83	96.2	26855.60	130053	24.8347 ng/ml

TS

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Trazodone	5.040	201894	302762.11	71.9	293.29	296363	26.4580 ng/ml
Venlafaxine	5.016	268130	8773.12	32.3	281.82	529614	24.7679 ng/ml
Zolpidem	4.818	249019	7710.99	30.8	717.24	459350	25.0175 ng/ml

TS

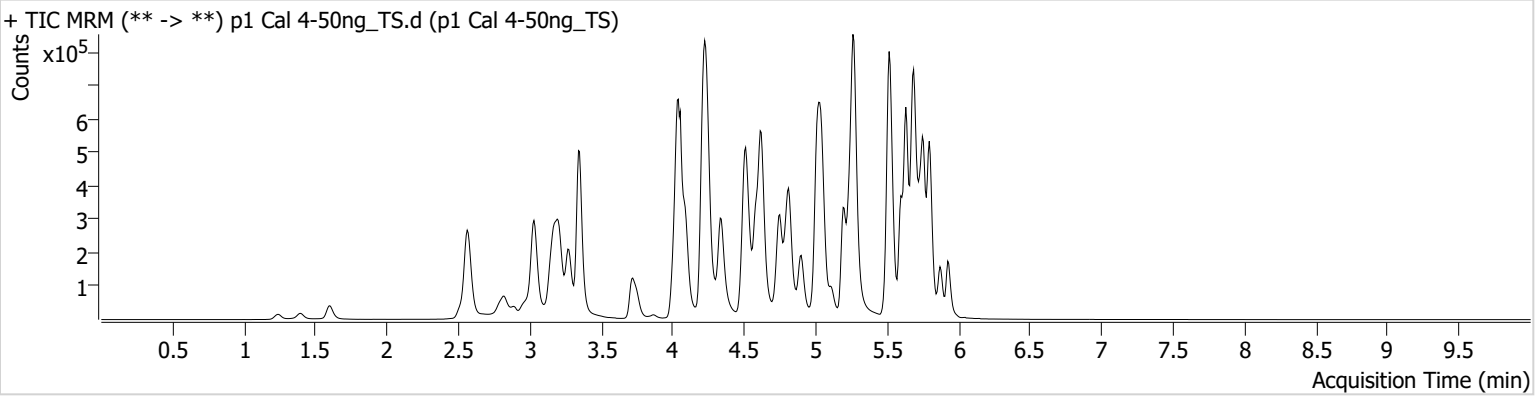
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-E12
Injection Volume 2
Acq. Date-Time 9/24/2024 11:11:41 AM
Sample Info.

Data File p1 Cal 4-50ng_TS.d
Sample p1 Cal 4-50ng_TS
Operator Tamara Salazar
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.237	60388	3076.14	80.9	98.82	54506	48.8581 ng/ml
Alprazolam	5.755	175759	2088.63	111.5	702.01	105042	50.2763 ng/ml
Amphetamine	3.033	605701	18449.83	45.9	12665.29	105503	53.3692 ng/ml
Benzoylecgonine	3.869	9402	334.55	41.8	65.19	7387	47.8075 ng/ml
Bromazolam	5.793	122637	85682.96	135.2	17278.66	65125	49.8716 ng/ml
Bupropion	4.751	426788	14677.43	59.9	689.09	266097	50.6974 ng/ml
Clonazepam	5.597	191813	1213.21	33.7	53570.39	46398	53.8902 ng/ml
Cocaine	4.237	272509	553.21	52.4	78173.17	443207	49.9778 ng/ml
Cyclobenzaprine	5.606	310912	10679.91	9.4	21152.68	185088	49.3940 ng/ml
Dextromethorphan	5.250	203305	4789.47	79.4	1040.87	164978	49.9730 ng/ml
Diazepam	5.934	127446	2099.04	89.7	639.28	112494	49.1608 ng/ml
Diphenhydramine	5.271	723288	18430.48	33.2	11980.54	953637	49.1917 ng/ml
Doxylamine	4.511	768189	114265.14	97.8	925.42	572302	49.8878 ng/ml
Duloxetine	5.626	38768	2760.16	12.8	1571.62	40733	50.5586 ng/ml
EDDP	5.243	225043	21156.64	42.4	515.22	217306	49.9036 ng/ml
Fentanyl	5.062	32559	12666.74	63.1	648.04	318826	4.7238 ng/ml
Fluoxetine	5.686	474920	613600.32	7.5	11689.20	342277	48.3259 ng/ml
Hydrocodone	3.009	88792	77.63	40.0	92.25	88390	52.2668 ng/ml
Hydroxyzine	5.670	350976	10303.37	70.0	236769.92	164978	49.6608 ng/ml
Ketamine	4.014	269693	673.08	38.0	1699.72	226358	53.9724 ng/ml
Methadone	5.632	523051	2618.26	53.4	414813.54	392266	48.7241 ng/ml
Methamphetamine	3.209	490559	1788.54	36.7	233.01	348363	52.1587 ng/ml
Metoprolol	4.299	44292	91313.04	107.4	3232.43	663756	54.9337 ng/ml
Mirtazapine	4.586	534898	173254.00	59.8	2950.20	256774	51.1198 ng/ml
Morphine	1.240	12534	417.80	68.2	117.73	3091	50.8387 ng/ml
Nordiazepam	5.873	143185	921.94	58.2	795.57	81181	50.9668 ng/ml
Norhydrocodone	3.050	14326	121.78	40.0	92.38	19966	48.6217 ng/ml
o-desmethylvenlafaxine	4.054	656315	112.30	22.3	1975.20	115712	51.4977 ng/ml
Olanzapine	4.359	53634	22660.55	56.6	1065.07	23303	50.5762 ng/ml
Pseudoephedrine	2.572	435994	25090.53	15.4	∞	433850	49.0966 ng/ml
Sertraline	5.755	167205	4875.81	94.4	833.54	145115	48.4286 ng/ml

TS

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Trazodone	5.040	438243	1609.79	72.5	38808.48	328009	52.5926 ng/ml
Venlafaxine	5.016	596954	394.14	31.0	2068.93	582543	50.1546 ng/ml
Zolpidem	4.818	557754	79044.82	30.3	70094.29	504435	51.2983 ng/ml

TS

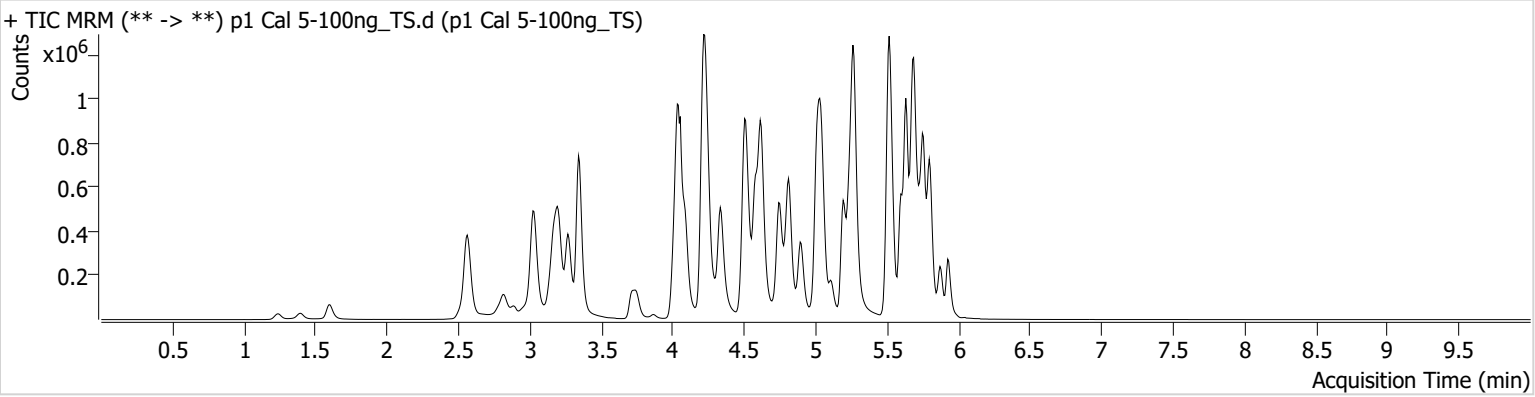
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-D12
Injection Volume 2
Acq. Date-Time 9/24/2024 11:22:19 AM
Sample Info.

Data File p1 Cal 5-100ng_TS.d
Sample p1 Cal 5-100ng_TS
Operator Tamara Salazar
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.237	84516	5161.48	78.1	41133.28	40862	92.4251 ng/ml
Alprazolam	5.755	323210	4173.36	108.9	477.06	95427	102.0989 ng/ml
Amphetamine	3.033	1080614	33238.38	44.9	38986.21	102434	99.5256 ng/ml
Benzoylecgonine	3.869	19171	109.23	37.9	2214.94	7480	96.3097 ng/ml
Bromazolam	5.793	208347	37.34	135.3	382521.73	54855	100.7824 ng/ml
Bupropion	4.751	824856	1076.76	60.2	1156.22	254245	102.8372 ng/ml
Clonazepam	5.590	315568	3938.60	33.3	33335.09	38993	106.7908 ng/ml
Cocaine	4.237	512723	14788.11	51.8	869.58	414201	100.5524 ng/ml
Cyclobenzaprine	5.600	602316	1257.04	9.7	224.43	177354	99.8567 ng/ml
Dextromethorphan	5.250	384835	347.88	80.8	414.79	156383	99.8157 ng/ml
Diazepam	5.934	244374	345.81	88.9	452.58	105417	100.8044 ng/ml
Diphenhydramine	5.271	1392427	24736.38	33.8	329.74	898050	100.5687 ng/ml
Doxylamine	4.511	1487084	1266.94	97.0	3138.50	552311	100.1029 ng/ml
Duloxetine	5.626	72814	5866.79	12.6	1986.78	38994	99.1762 ng/ml
EDDP	5.236	428831	4363.13	42.6	113272.16	205079	100.9213 ng/ml
Fentanyl	5.055	64347	2673.57	62.5	4423.32	315013	9.3716 ng/ml
Fluoxetine	5.686	905075	40100.99	7.7	777.38	319878	98.0604 ng/ml
Hydrocodone	3.002	170961	∞	39.4	91.64	88842	100.5967 ng/ml
Hydroxyzine	5.670	673261	485690.03	71.0	27464.92	156383	100.4542 ng/ml
Ketamine	4.014	506907	1577.23	37.6	3335.43	214950	107.8474 ng/ml
Methadone	5.632	1019408	383008.11	53.2	1368.20	379768	97.9208 ng/ml
Methamphetamine	3.209	873810	928.78	37.6	11633.92	333604	104.0045 ng/ml
Metoprolol	4.292	83525	34309.37	107.7	157586.88	631077	109.9311 ng/ml
Mirtazapine	4.580	1047186	603.52	59.9	568184.39	254142	101.2549 ng/ml
Morphine	1.240	22785	709.85	69.7	∞	2874	99.7291 ng/ml
Nordiazepam	5.873	259534	9478.43	56.8	10112.20	72489	103.8186 ng/ml
Norhydrocodone	3.043	28193	316.87	42.7	75.63	19938	94.9553 ng/ml
o-desmethylvenlafaxine	4.054	1188779	58.44	22.8	3519.84	108373	99.8240 ng/ml
Olanzapine	4.359	81119	685.00	58.8	3721.53	17554	102.0740 ng/ml
Pseudoephedrine	2.572	803765	371.61	15.5	15036.87	394668	99.6855 ng/ml
Sertraline	5.755	325419	17401.61	97.0	2879.12	138719	98.4225 ng/ml

TS

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Trazodone	5.040	849989	369975.41	73.3	523631.32	316289	106.5241 ng/ml
Venlafaxine	5.016	1138744	37659.29	32.1	775.06	567998	98.1455 ng/ml
Zolpidem	4.811	1093664	4344.91	29.9	19530.87	495514	102.6590 ng/ml

TS

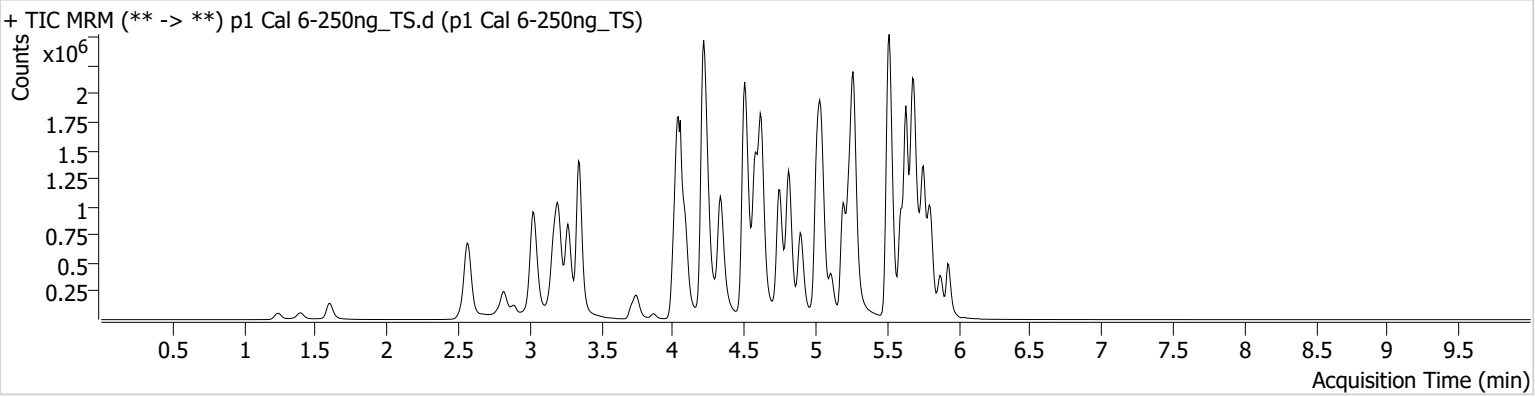
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-C12
Injection Volume 2
Acq. Date-Time 9/24/2024 11:32:57 AM
Sample Info.

Data File p1 Cal 6-250ng_TS.d
Sample p1 Cal 6-250ng_TS
Operator Tamara Salazar
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.237	97791	914.37	78.3	2596.44	26684	164.8485 ng/ml
Alprazolam	5.755	623790	∞	108.1	2042.59	73114	257.6717 ng/ml
Amphetamine	3.026	2172324	693.23	45.1	88.75	95542	216.5169 ng/ml
Benzoylecgonine	3.869	50470	298.77	38.9	1087.68	7493	253.1463 ng/ml
Bromazolam	5.793	374118	345775.04	134.4	521633.80	41386	240.1266 ng/ml
Bupropion	4.751	1976129	39027.16	59.2	638.15	247165	253.8374 ng/ml
Clonazepam	5.590	481854	6476.25	32.8	15570.15	26770	239.1695 ng/ml
Cocaine	4.237	1105831	36169.57	51.6	554.44	355522	252.5654 ng/ml
Cyclobenzaprine	5.600	1326165	58929.40	9.4	651.99	155178	251.2738 ng/ml
Dextromethorphan	5.243	854505	64866.66	78.4	18802.52	137709	251.7249 ng/ml
Diazepam	5.934	529392	2749.88	85.9	1586.90	93479	246.5550 ng/ml
Diphenhydramine	5.271	3072260	1075.12	34.3	9709.24	803728	247.9451 ng/ml
Doxylamine	4.504	3638308	127250.22	98.1	794.77	541861	249.6846 ng/ml
Duloxetine	5.626	145954	10032.93	12.2	2490.14	30733	252.2042 ng/ml
EDDP	5.236	1003713	10185.68	42.6	20478.25	192152	252.3377 ng/ml
Fentanyl	5.055	154193	6339.32	62.0	3265.07	284711	24.7195 ng/ml
Fluoxetine	5.686	1799072	75828.95	7.4	37948.84	251062	247.6324 ng/ml
Hydrocodone	3.002	407766	∞	38.7	∞	85392	250.3958 ng/ml
Hydroxyzine	5.670	1504325	1171650.81	70.9	13079.05	137709	254.8244 ng/ml
Ketamine	4.014	1114867	1064.89	37.9	2171.45	202721	252.8892 ng/ml
Methadone	5.632	2312603	79455.23	52.6	35905.30	334723	251.7771 ng/ml
Methamphetamine	3.202	1965460	4682.44	37.2	208.12	330640	246.3458 ng/ml
Metoprolol	4.292	177633	4000.83	109.4	10439.61	583510	254.1389 ng/ml
Mirtazapine	4.580	2450144	2300.48	59.9	314.38	241632	249.3838 ng/ml
Morphine	1.240	53602	174.80	69.5	377.53	2714	249.0518 ng/ml
Nordiazepam	5.873	484378	461.45	56.8	974.16	56617	248.5647 ng/ml
Norhydrocodone	3.043	72658	482.37	43.0	545.71	17856	271.5698 ng/ml
o-desmethylvenlafaxine	4.054	2554660	64422.74	22.7	308.34	94212	247.1270 ng/ml
Olanzapine	4.353	336691	4021.82	57.3	5388.45	28750	259.4798 ng/ml
Pseudoephedrine	2.572	1794590	2498.92	15.3	69850.95	352495	249.4756 ng/ml
Sertraline	5.755	651162	57308.60	97.5	17923.76	111866	243.9640 ng/ml

TS

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Trazodone	5.040	1927165	128460.48	74.8	113317.53	301441	254.4245 ng/ml
Venlafaxine	5.010	2654792	1401.75	32.2	1349.86	517524	251.1597 ng/ml
Zolpidem	4.811	2581703	7062.65	30.4	3517.28	476307	252.4900 ng/ml

TS

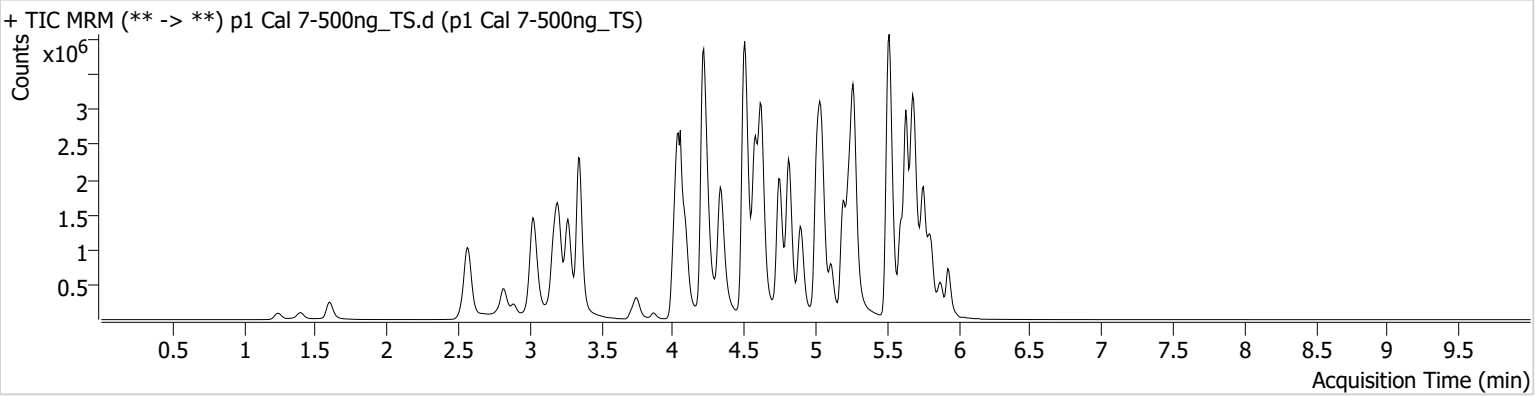
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-B12
Injection Volume 2
Acq. Date-Time 9/24/2024 11:43:35 AM
Sample Info.

Data File p1 Cal 7-500ng_TS.d
Sample p1 Cal 7-500ng_TS
Operator Tamara Salazar
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.244	111929	3167.57	78.9	1772.21	16141	313.1805 ng/ml
Alprazolam	5.755	951610	593.58	107.6	1052.49	58011	495.7155 ng/ml
Amphetamine	3.026	3425677	82144.69	45.1	46842.38	89329	366.3827 ng/ml
Benzoylecgonine	3.869	97012	210985.90	39.6	651.79	7257	502.4799 ng/ml
Bromazolam	5.793	528222	409616.24	133.1	671757.88	27945	502.3200 ng/ml
Bupropion	4.751	3615449	252502.81	59.5	104172.29	230703	497.8189 ng/ml
Clonazepam	5.590	546486	1649.18	33.0	9140.63	18167	400.6182 ng/ml
Cocaine	4.237	1837564	719.09	51.8	2672.05	295015	505.7016 ng/ml
Cyclobenzaprine	5.600	2212189	43667.12	9.1	511.12	126962	512.2995 ng/ml
Dextromethorphan	5.243	1415024	6742.77	78.5	571.51	115711	496.1131 ng/ml
Diazepam	5.927	869983	2945.22	85.5	2108.40	76439	495.7036 ng/ml
Diphenhydramine	5.271	5334164	16221.22	33.6	1037.89	676453	511.4938 ng/ml
Doxylamine	4.504	7001696	113087.94	96.1	10782.86	509099	511.4591 ng/ml
Duloxetine	5.626	209541	3631.30	11.9	30012.50	22302	498.9565 ng/ml
EDDP	5.236	1862131	35053.50	42.7	315.14	181303	496.3118 ng/ml
Fentanyl	5.055	289484	278.03	63.9	34346.93	253633	52.0100 ng/ml
Fluoxetine	5.693	2713507	65666.57	7.5	432.92	183154	511.4826 ng/ml
Hydrocodone	3.002	749736	163.84	40.4	260.44	79615	494.2977 ng/ml
Hydroxyzine	5.670	2478458	209830.82	75.5	42175.74	115711	499.6095 ng/ml
Ketamine	4.007	1900908	1909.54	37.6	699.04	186450	469.7069 ng/ml
Methadone	5.632	4066840	11878.94	53.1	3673.39	289516	511.7300 ng/ml
Methamphetamine	3.202	3464354	52604.48	36.9	32811.82	328466	443.3760 ng/ml
Metoprolol	4.292	292036	1478.31	109.0	655.71	517506	471.9490 ng/ml
Mirtazapine	4.580	4401698	148005.10	60.2	2820.31	218349	495.9348 ng/ml
Morphine	1.240	92364	685.30	69.1	668.39	2268	513.9286 ng/ml
Nordiazepam	5.873	685334	913.44	58.0	540.54	40027	497.8053 ng/ml
Norhydrocodone	3.043	135125	∞	42.5	620.70	17405	517.3408 ng/ml
o-desmethylvenlafaxine	4.054	4032221	27.51	22.8	7765.32	73931	497.3176 ng/ml
Olanzapine	4.353	819668	1100.54	57.7	3973.88	35919	506.1048 ng/ml
Pseudoephedrine	2.572	3084015	219.98	15.2	1400.02	299089	505.4684 ng/ml
Sertraline	5.755	1006742	4359824.83	94.8	70342.53	84792	497.4445 ng/ml

TS

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Trazodone	5.040	3313289	197496.46	75.5	85374.45	277435	475.9033 ng/ml
Venlafaxine	5.010	4831448	4648.97	31.2	15320.55	464737	509.0262 ng/ml
Zolpidem	4.811	4807094	21803.24	29.8	1893.92	456732	490.5286 ng/ml

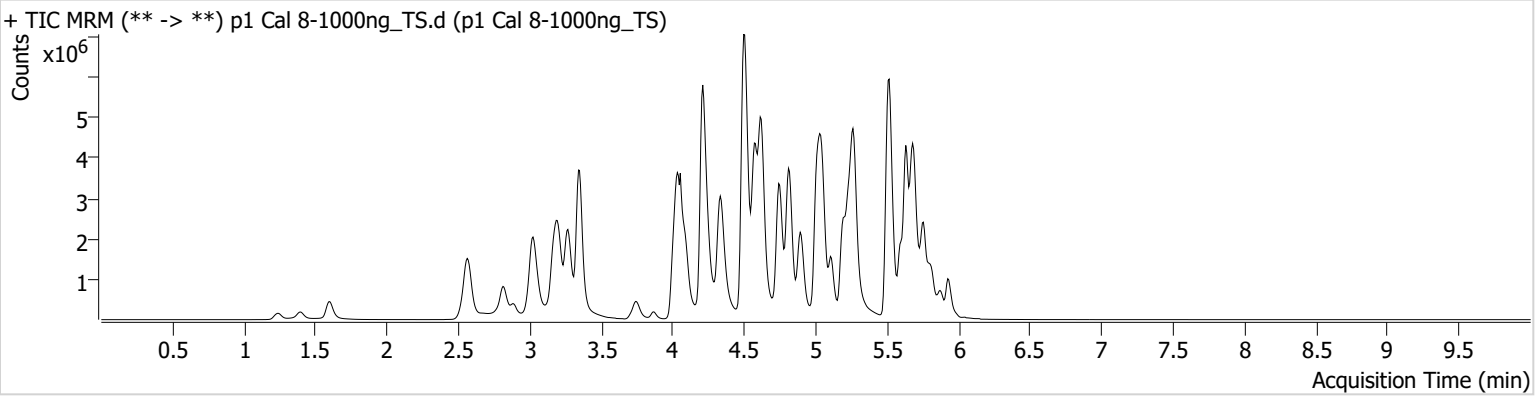
TS

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\092324 AM 27 28 CS\QuantResults\AM 28_Cases_TS.batch.bin
Calibration Last Update 10/2/2024 1:43:02 PM

Instrument	Falco (069901)	**Data File**	p1 Cal 8-1000ng_TS.d
Type	Cal	**Sample**	p1 Cal 8-1000ng_TS
Acq. Method	AM 28 MDQ P1.m	**Operator**	Tamara Salazar
Sample Position	P2-A12	**Comment**	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2		
Acq. Date-Time	9/24/2024 11:54:14 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.251	127671	3351.34	79.1	4671.83	7285	793.5654 ng/ml
Alprazolam	5.755	1349678	483.73	107.3	∞	43160	945.2928 ng/ml
Amphetamine	3.026	4914109	175317.86	45.8	85459.80	80355	585.3071 ng/ml
Benzoylecgonine	3.869	208408	1482.62	38.9	14527.95	7770	1008.2130 ng/ml
Bromazolam	5.786	660771	76497.25	131.4	800711.15	17683	993.2250 ng/ml
Bupropion	4.744	6278416	126871.75	60.2	1261.26	212448	939.0176 ng/ml
Clonazepam	5.583	528095	3163.25	34.2	14325.44	10695	658.4606 ng/ml
Cocaine	4.237	2866194	2169.64	52.3	48752.10	238775	974.5098 ng/ml
Cyclobenzaprine	5.600	3227169	19679.68	9.0	9669.62	93233	1017.7145 ng/ml
Dextromethorphan	5.243	2100852	1576.48	78.6	41619.78	85066	1001.9440 ng/ml
Diazepam	5.934	1309415	2960.99	88.9	2450.75	56656	1006.8122 ng/ml
Diphenhydramine	5.271	8267541	1988.78	34.0	1973.74	526782	1018.0291 ng/ml
Doxylamine	4.497	13052349	89434.83	94.8	301259.28	487466	995.7887 ng/ml
Duloxetine	5.626	231068	2310.99	11.7	19120.73	12350	993.5715 ng/ml
EDDP	5.236	3350390	1280.34	42.6	3611.03	160415	1009.4123 ng/ml
Fentanyl	5.062	521789	253847.05	66.3	481.60	206395	115.1094 ng/ml
Fluoxetine	5.693	3629808	512.96	7.4	29275.21	115142	1087.8124 ng/ml
Hydrocodone	2.995	1403133	118.02	40.5	175.80	78342	940.5737 ng/ml
Hydroxyzine	5.670	3774940	74845.26	74.1	11155.73	85066	1035.0489 ng/ml
Ketamine	4.007	2908875	1281.82	37.4	315.03	160763	834.4239 ng/ml
Methadone	5.632	6523834	2118.36	53.1	3000.43	235685	1008.2290 ng/ml
Methamphetamine	3.202	5609876	143584.76	37.1	41264.62	320177	741.9249 ng/ml
Metoprolol	4.292	456363	126833.61	109.5	1161.58	464248	822.8527 ng/ml
Mirtazapine	4.580	7583011	2917.82	59.9	116823.52	188993	987.2196 ng/ml
Morphine	1.240	164493	912.49	72.3	2240.06	2185	950.3315 ng/ml
Nordiazepam	5.873	885565	789.03	57.3	323.20	28148	915.0035 ng/ml
Norhydrocodone	3.043	234141	423.82	44.2	195.64	14741	1057.4596 ng/ml
o-desmethylvenlafaxine	4.054	5473354	12.31	23.1	9266.69	49470	1009.0935 ng/ml
Olanzapine	4.353	1604021	4777.79	56.5	3833.76	39405	903.1964 ng/ml
Pseudoephedrine	2.565	5089716	141933.56	15.3	70673.94	242383	1029.5554 ng/ml
Sertraline	5.755	1267339	16405.23	96.9	42357.27	48737	1089.2608 ng/ml

TS

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Trazodone	5.040	5202609	123451.89	75.9	150279.52	240513	862.5839 ng/ml
Venlafaxine	5.010	8230141	52493.29	31.1	2278.66	401395	1003.9559 ng/ml
Zolpidem	4.811	8622876	343651.99	29.7	14054.01	422503	951.4330 ng/ml