

Worklist: 6846

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2024-0973	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-1235	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-1457	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-1952	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-1954	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-2002	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
M2024-2024	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-0884	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-1259	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-1426	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-1446	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-1524	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-1701	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	
P2024-1778	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-	

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

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Extraction Date: 06/14/2024
Panel 1 Plate lot#: 231215
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: 06/15/2024
Mobile phase B: 0.01% Formic Acid in MeOH
Blank Urine Lot: POC021022
LCMS-QQ 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 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:

Urine only run; all compounds evaluated qualitatively.

Amphetamine 5-250--calibrators 7 and 8 dropped due to linearity
Clonazepam 5-500--calibrator 8 dropped due to linearity
Clonazepam 5-500--calibrator 8 dropped due to linearity
Dihydrocodeine 5-500--calibrator 8 dropped due to linearity
Etizolam 5-500 -- calibrator 8 dropped due to linearity
Lamotrigine 5-500--calibrator 8 dropped due to linearity

Norbuprenorphine 1-100--calibrator 1 dropped due to poor peak shape/response
Norfentanyl 0.5-50--calibrator 8 dropped due to linearity
Phentermine 5-500--calibrator 8 dropped due to linearity
Quetiapine 5-500--calibrator 8 dropped due to linearity
Tramadol not evaluated due to QC 100 ratio

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	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1								P2024-1259-1	C2024-0973-3	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2								P2024-0884-1	Neg Urine	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3								M2024-2024-3	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4							P2024-1778-1	M2024-2002-2	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2							P2024-1701-1	M2024-1954-3	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6								P2024-1524-1	M2024-1952-2	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7								P2024-1446-1	M2024-1457-2	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8								P2024-1426-1	M2024-1235-2	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

AM #28 Multi-Drug Quant. Results

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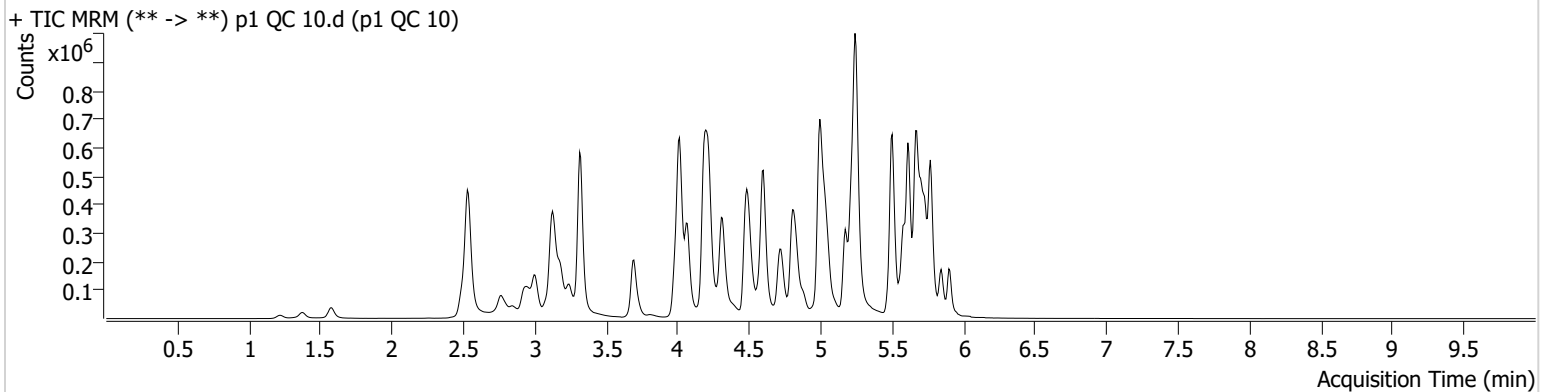
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Calibration Last Update 6/18/2024 3:54:38 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-H11
Injection Volume 2
Acq. Date-Time 6/14/2024 1:44:22 PM
Sample Info.

Data File p1 QC 10.d
Sample p1 QC 10
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.
6-MAM	3.089	2378	2652.15	66.5	336.09	67778	1.0004 ng/ml
7-aminoclonazepam	4.210	28696	93.96	75.0	133.12	136843	10.7145 ng/ml
9-hydroxyrisperidone	4.603	7253	8437.96	3053.0	195.90	1004955	9.7697 ng/ml
a-hydroxyalprazolam	5.651	18866	650.46	64.2	71.71	77764	9.8556 ng/ml
alpha-PHP	4.881	36408	748.04	284.5	2342.14	610113	8.6348 ng/ml
alpha-PVP	4.322	140448	101.03	48.3	98.84	610113	8.9954 ng/ml
Alprazolam	5.734	70232	427.30	111.5	945.00	281783	9.6126 ng/ml
Amphetamine	3.006	229843	1100.72	49.1	269.36	301571	9.5841 ng/ml
Benzoylcegonine	3.835	3408	163.87	43.6	36.50	14251	8.2375 ng/ml
Bromazolam	5.766	37172	47728.12	111.9	36879.78	170929	9.5334 ng/ml
Buprenorphine	5.696	3586	6299.17	16.0	858.59	134040	0.9953 ng/ml
Bupropion	4.731	152830	1110.25	62.3	230.17	500445	9.2364 ng/ml
Carisoprodol	5.682	81730	192.82	60.3	71.71	396353	9.1782 ng/ml
Citalopram	5.173	112616	930.78	36.0	88.97	553548	9.2298 ng/ml
Clonazepam	5.570	80883	579.75	35.7	41860.62	114256	10.8101 ng/ml
Clonazolam	5.513	61211	43496.40	34.5	31323.45	114256	9.7726 ng/ml
Cocaine	4.216	109752	148.35	50.2	726.41	880986	9.9272 ng/ml
Codeine	2.542	10515	50.75	104.2	681.02	53810	10.0765 ng/ml
Cyclobenzaprine	5.586	99816	1418.81	9.1	138.15	444106	9.6041 ng/ml
Dextromethorphan	5.230	66121	231.72	85.4	192.22	349815	9.3263 ng/ml
Dextrorphan	4.068	44070	237.96	208.6	1156.60	560097	9.6727 ng/ml
Diazepam	5.906	49164	323.09	92.5	258.67	234806	10.5397 ng/ml
Dihydrocodeine	2.521	28122	149.10	63.7	158.04	167257	9.6260 ng/ml
Diphenhydramine	5.251	265511	247.81	30.6	3314.07	1849530	8.1315 ng/ml
Doxylamine	4.497	256161	459.37	103.8	1553.34	1183412	9.9057 ng/ml
Duloxetine	5.612	9859	223.58	15.3	∞	65870	8.2168 ng/ml
EDDP	5.215	108611	3939.97	40.4	270.70	594758	9.3491 ng/ml
Etizolam	5.773	35396	5387.43	26.5	15770.68	114256	8.6950 ng/ml
Fentanyl	5.042	11673	350.64	82.5	1458.90	606040	1.0101 ng/ml
Fluorofentanyl	5.096	28757	216.15	41.3	270.71	6461	1.0608 ng/ml
Fluoxetine	5.666	117541	407.34	7.8	4138.69	518807	9.2643 ng/ml

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AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	38041	62.26	35.3	59.50	207194	9.7447 ng/ml
Hydromorphone	1.582	26880	28.91	76.8	70872.26	91473	9.1776 ng/ml
Hydroxyzine	5.656	128500	2538.50	68.5	2202.41	349815	9.5106 ng/ml
Ketamine	4.001	90465	3484.87	35.2	166.79	413520	9.7543 ng/ml
Lamotrigine	4.225	8925	387.65	84.0	3513.35	1176284	10.1988 ng/ml
Lorazepam	5.706	59801	377.58	49.2	140.80	437595	11.3554 ng/ml
MDA	3.147	143740	1094.14	28.3	181.49	440223	10.3596 ng/ml
MDMA	3.248	96056	154.55	79.5	303.45	112131	9.2704 ng/ml
Meprobamate	4.861	44197	446.78	30.3	1655.42	211789	9.7912 ng/ml
Methadone	5.618	193317	771.13	52.0	507.52	880763	9.6246 ng/ml
Methamphetamine	3.182	322659	388.37	36.5	195.79	710114	9.7561 ng/ml
Metoprolol	4.279	26085	764.23	104.3	287.49	1156396	9.6588 ng/ml
Mirtazapine	4.580	181637	858.89	54.7	4360.26	610113	9.6440 ng/ml
Mitragynine	5.177	44017	746.33	33.9	62.67	880763	9.6625 ng/ml
Morphine	1.227	5116	4108.51	47.2	497.24	11368	9.3929 ng/ml
Norbuprenorphine	4.944	643	3172.76	88.1	2483.87	25973	1.1166 ng/ml
Nordiazepam	5.853	59678	658.52	56.3	100353.38	209132	9.5847 ng/ml
Norfentanyl	4.035	20904	217.71	38.4	49.15	996459	0.9626 ng/ml
Norhydrocodone	3.023	7049	115.50	36.9	41.37	46626	8.8914 ng/ml
Noroxycodone	2.866	24185	294.03	51.5	106.63	90907	9.7838 ng/ml
O-desmethyl-tramadol	3.321	218809	510.89	5.6	228.00	1361944	9.2671 ng/ml
o-desmethylvenlafaxine	4.013	164808	2680.09	31.0	516.40	24273	8.4825 ng/ml
Olanzapine	4.393	34219	62.36	59.8	559.14	88614	9.6719 ng/ml
Oxazepam	5.708	85087	116.85	68.1	283.67	437595	10.0478 ng/ml
Oxycodone	2.791	61452	1848.85	28.1	126.92	271099	9.6054 ng/ml
Oxymorphone	1.379	14331	101.39	48.3	132.13	55293	9.7117 ng/ml
Phentermine	3.731	52912	208.14	5.3	150.93	598209	9.9331 ng/ml
Promethazine	5.503	186880	267.67	28.8	250.72	1021185	9.6798 ng/ml
Pseudoephedrine	2.545	248320	1280.83	16.5	1145.03	1176284	9.6940 ng/ml
Quetiapine	5.492	139429	3867.33	56.5	76811.40	201631	10.2135 ng/ml
Sertraline	5.735	39506	109.43	89.5	692.34	172704	10.0383 ng/ml
Temazepam	5.776	149346	2129.22	27.9	661.84	661276	9.8278 ng/ml
Tramadol	4.197	203253	∞	3.7	98.71	1156396	9.4890 ng/ml
Trazodone	5.054	176739	5359.84	62.6	9135.55	598346	9.6069 ng/ml
Venlafaxine	4.996	204481	835.48	33.3	325.47	1121731	9.5536 ng/ml
Xylazine	4.035	68685	2554.53	42.0	99.92	339363	9.5745 ng/ml
Zolpidem	4.824	192133	1226.21	31.0	470.90	860435	9.6092 ng/ml

AM #28 Multi-Drug Quant. Results

TS

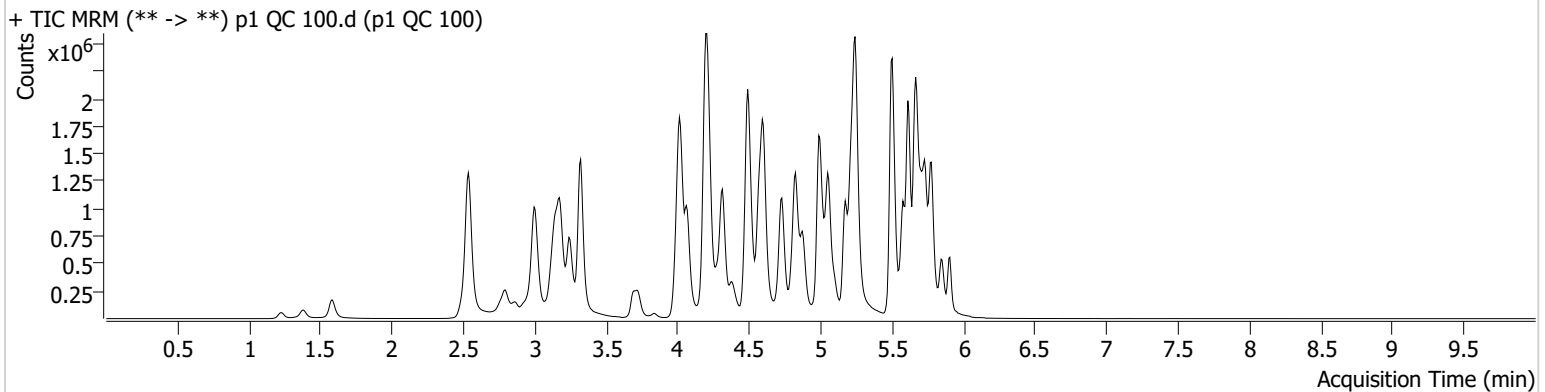


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Calibration Last Update 6/18/2024 3:54:38 PM

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Type QC **Sample** p1 QC 100
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-G11 **Comment**
Injection Volume 2
Acq. Date-Time 6/14/2024 9:11:33 PM
Sample Info.

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.089	24852	198391.57	73.2	173.34	71816	9.5929 ng/ml
7-aminoclonazepam	4.217	276720	2586.86	78.4	592.77	130315	110.5416 ng/ml
9-hydroxyrisperidone	4.596	78055	1430.12	3134.5	6211.22	1047652	95.1571 ng/ml
a-hydroxyalprazolam	5.651	155795	580.89	66.2	211.05	66419	98.1987 ng/ml
alpha-PHP	4.881	417983	17407.55	266.2	7548.64	632550	94.1245 ng/ml
alpha-PVP	4.315	1535988	1061.63	48.1	17814.85	632550	91.3909 ng/ml
Alprazolam	5.734	688204	912.03	106.2	1308.24	275332	94.0873 ng/ml
Amphetamine	2.999	2087800	76.71	47.7	23960.26	311287	94.5078 ng/ml
Benzoylcegonine	3.835	43109	203.61	38.7	140.33	15837	100.0931 ng/ml
Bromazolam	5.766	318104	2599.18	115.6	33551.88	148121	95.7610 ng/ml
Buprenorphine	5.703	36493	32642.12	14.4	10301.31	133856	8.9332 ng/ml
Bupropion	4.731	1658974	34132.87	61.9	18028.76	533432	91.6083 ng/ml
Carisoprodol	5.682	682854	2189.97	59.7	6112.56	323312	89.1129 ng/ml
Citalopram	5.173	1135989	∞	36.8	1938.98	549518	88.0324 ng/ml
Clonazepam	5.570	680005	23358.74	36.2	622.98	99138	107.9695 ng/ml
Clonazolam	5.513	554231	541794.86	34.5	120460.86	99138	109.7010 ng/ml
Cocaine	4.216	1140074	338.68	51.4	364.51	897150	99.3279 ng/ml
Codeine	2.542	99661	128.43	101.9	339.77	55475	99.0532 ng/ml
Cyclobenzaprine	5.586	996514	1704.77	8.8	221.61	426230	93.4684 ng/ml
Dextromethorphan	5.223	667564	596.84	82.4	298.05	354224	90.4686 ng/ml
Dextrorphan	4.068	451263	1018.44	208.8	∞	555631	96.2756 ng/ml
Diazepam	5.906	422027	784.59	93.4	894.83	223201	98.0905 ng/ml
Dihydrocodeine	2.514	287286	∞	65.7	856.62	177859	99.7040 ng/ml
Diphenhydramine	5.244	2748847	46867.61	31.1	635.29	1874625	78.4953 ng/ml
Doxylamine	4.490	2881787	186683.78	98.5	11438.02	1267289	97.7723 ng/ml
Duloxetine	5.606	83357	11022.23	13.4	195.65	48574	92.7093 ng/ml
EDDP	5.215	1191562	6898.50	42.5	968.72	626574	93.1936 ng/ml
Etizolam	5.773	338723	1503.21	26.6	71960.31	99138	89.6474 ng/ml
Fentanyl	5.042	111799	6993.45	79.6	96.27	592482	9.4201 ng/ml
Fluorofentanyl	5.096	288761	8301.61	41.3	101630.35	6471	9.1817 ng/ml
Fluoxetine	5.666	937984	2965.76	7.9	62517.58	396445	89.5833 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	391183	∞	36.6	963.78	216795	94.9166 ng/ml
Hydromorphone	1.582	287114	798.73	76.7	673476.98	97004	92.2467 ng/ml
Hydroxyzine	5.656	1308177	580.41	72.5	22306.07	354224	90.7424 ng/ml
Ketamine	3.994	921935	994.68	36.3	475.71	434671	100.4614 ng/ml
Lamotrigine	4.225	83952	2357.14	87.0	2948.24	1172665	101.5597 ng/ml
Lorazepam	5.706	323217	14126.10	53.5	431.44	296486	94.2625 ng/ml
MDA	3.147	1277803	7115.78	27.8	171.49	404193	107.4806 ng/ml
MDMA	3.248	1016124	2679.88	79.8	353.40	114459	92.8474 ng/ml
Meprobamate	4.854	385043	210.87	29.6	680.80	190025	99.7069 ng/ml
Methadone	5.618	2034527	1765.14	51.3	671.73	872636	95.8165 ng/ml
Methamphetamine	3.182	2056318	30508.78	37.2	1059.89	760658	101.8440 ng/ml
Metoprolol	4.279	278442	602.78	104.4	1588.64	1156504	106.0257 ng/ml
Mirtazapine	4.573	1972932	30999.16	53.4	1290.50	632550	98.1384 ng/ml
Mitragynine	5.170	445146	330211.02	34.2	260531.56	872636	95.9436 ng/ml
Morphine	1.227	50670	618.85	48.1	387.89	12681	94.1839 ng/ml
Norbuprenorphine	4.944	4738	8111.38	101.1	77.68	27024	8.4832 ng/ml
Nordiazepam	5.853	522247	2918.69	57.1	1799.16	183837	96.4377 ng/ml
Norfentanyl	4.035	206591	12528.67	37.4	3853.57	919731	9.5229 ng/ml
Norhydrocodone	3.016	86003	128.17	39.3	507.09	48852	89.8871 ng/ml
Noroxycodone	2.859	255750	49319.64	51.1	389.71	93794	101.1678 ng/ml
O-desmethyl-tramadol	3.321	2370822	44047.73	5.7	576.81	1420495	92.1285 ng/ml
o-desmethylvenlafaxine	4.013	1879499	44848.75	27.2	3935.61	23958	93.0885 ng/ml
Olanzapine	4.380	454451	3185.52	62.9	1569.56	113008	92.9423 ng/ml
Oxazepam	5.708	570240	538.81	69.9	5255.52	296486	101.2752 ng/ml
Oxycodone	2.791	667551	542.55	29.0	1389.47	286218	97.7238 ng/ml
Oxymorphone	1.379	147665	2114.55	47.1	163.21	60206	91.8036 ng/ml
Phentermine	3.724	554014	495.21	5.0	365.98	637855	100.5824 ng/ml
Promethazine	5.503	1845297	68141.70	29.1	8389.61	962235	95.3134 ng/ml
Pseudoephedrine	2.538	2576046	997.82	16.2	39414.86	1172665	97.0525 ng/ml
Quetiapine	5.492	1417837	23155.69	57.0	219.35	213815	102.9109 ng/ml
Sertraline	5.735	263287	7639.68	93.1	∞	116952	95.8795 ng/ml
Temazepam	5.776	1138901	17465.20	27.2	214.16	494476	97.4430 ng/ml
Tramadol	4.197	2235761	1154.24	3.6	209.45	1156504	99.8191 ng/ml
Trazodone	5.054	1822579	304980.46	63.6	742582.10	600941	92.9997 ng/ml
Venlafaxine	4.989	2202863	995.86	32.8	353.34	1152936	92.7642 ng/ml
Xylazine	4.035	779669	76189.70	46.8	7542.00	379730	93.9477 ng/ml
Zolpidem	4.824	2182516	643984.18	28.9	180562.00	928667	100.1587 ng/ml

AM #28 Multi-Drug Quant. Results

TS

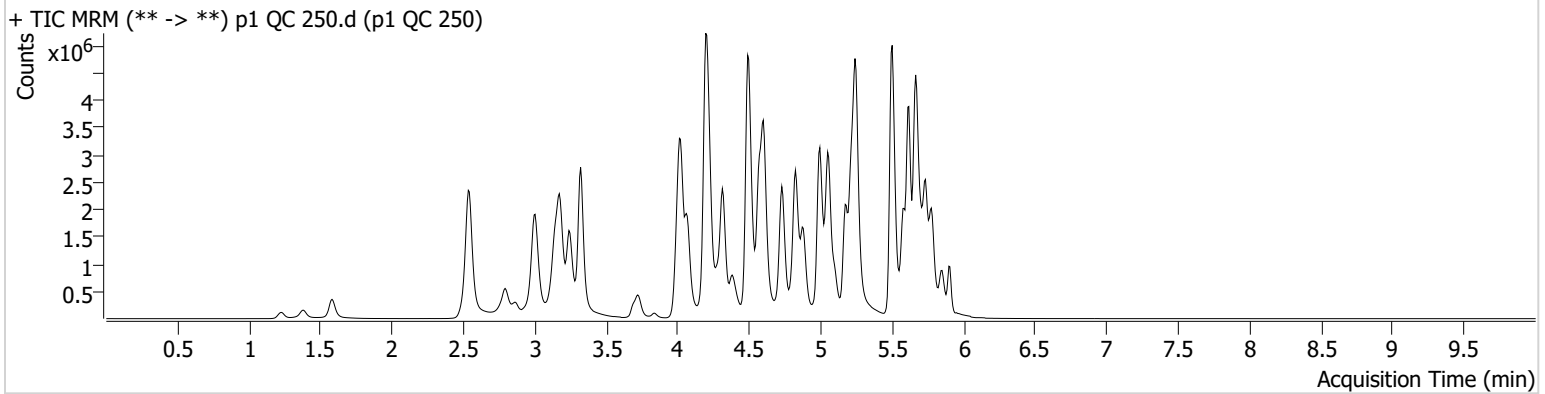


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Calibration Last Update 6/18/2024 3:54:38 PM

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	P6-F11	Comment	
Injection Volume	2		
Acq. Date-Time	6/14/2024 2:05:39 PM		
Sample Info.			

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.
6-MAM	3.089	57515	362.26	71.1	2943.30	68060	23.3817 ng/ml
7-aminoclonazepam	4.217	490020	3490.42	77.2	115.40	98945	258.1066 ng/ml
9-hydroxyrisperidone	4.603	181722	115918.22	3241.9	22335.26	967905	238.8603 ng/ml
a-hydroxyalprazolam	5.651	242785	299.31	65.4	200.77	43766	232.6942 ng/ml
alpha-PHP	4.881	986126	15131.79	268.6	56445.33	594908	235.8901 ng/ml
alpha-PVP	4.315	3680836	134991.24	48.2	644.26	594908	232.2996 ng/ml
Alprazolam	5.734	1325629	∞	104.8	410.72	213743	233.0740 ng/ml
Amphetamine	3.006	4139440	18373.13	47.5	50606.43	295812	198.5970 ng/ml
Benzoylcegonine	3.835	101421	234.11	36.9	4419.37	15736	237.8416 ng/ml
Bromazolam	5.766	576734	109760.20	114.9	6170.10	108250	237.8354 ng/ml
Buprenorphine	5.696	84801	25496.46	13.8	318.42	115871	23.7593 ng/ml
Bupropion	4.731	3905435	363123.26	62.7	47059.95	505522	227.1676 ng/ml
Carisoprodol	5.682	1114101	1588.78	61.7	1221.05	204344	229.1996 ng/ml
Citalopram	5.173	2642951	14892.52	35.8	742.12	491766	227.8611 ng/ml
Clonazepam	5.570	1085411	16243.13	36.5	8694.61	72670	235.5456 ng/ml
Clonazolam	5.513	899050	1803780.83	36.6	349579.24	72670	243.7595 ng/ml
Cocaine	4.216	2581731	1412.33	51.1	2111.83	817040	246.6726 ng/ml
Codeine	2.542	200861	174.92	102.4	9094.22	46337	240.1123 ng/ml
Cyclobenzaprine	5.586	2629293	789.00	8.3	686.65	437121	239.3946 ng/ml
Dextromethorphan	5.223	1517263	380.84	80.7	301.04	317435	229.0193 ng/ml
Dextrorphan	4.068	1010835	929.83	212.7	772.58	502953	237.6823 ng/ml
Diazepam	5.906	794084	∞	93.6	306.22	177307	232.8361 ng/ml
Dihydrocodeine	2.514	625691	378.49	64.5	602.21	164374	236.1034 ng/ml
Diphenhydramine	5.251	6382218	41170.99	30.9	517.59	1669065	203.8980 ng/ml
Doxylamine	4.490	7284163	2486.22	98.6	75779.92	1224327	254.7369 ng/ml
Duloxetine	5.606	252835	6902.65	13.1	26930.50	59138	230.7562 ng/ml
EDDP	5.215	2780760	1572.42	41.5	7105.15	569436	238.6160 ng/ml
Etizolam	5.773	705621	4546.15	26.4	241350.62	72670	253.6232 ng/ml
Fentanyl	5.042	293720	396.61	77.5	361.36	606816	24.0796 ng/ml
Fluorofentanyl	5.096	801127	6035.68	42.8	210.17	6828	23.8793 ng/ml
Fluoxetine	5.673	2685997	43828.29	7.7	296655.74	429927	235.3062 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	915157	218.46	37.3	813.68	204076	235.7492 ng/ml
Hydromorphone	1.582	688467	3122097.56	75.9	2376020.77	90984	235.7989 ng/ml
Hydroxyzine	5.656	3026988	754096.36	74.6	32858.60	317435	233.4514 ng/ml
Ketamine	3.994	2043831	5435.70	36.1	439.12	405629	239.5903 ng/ml
Lamotrigine	4.225	170168	2146.51	85.0	176.59	1026707	235.9542 ng/ml
Lorazepam	5.706	397839	9953.15	54.4	1296.35	156412	220.6337 ng/ml
MDA	3.147	2514720	50898.92	27.4	3369.74	334797	256.5035 ng/ml
MDMA	3.241	2406222	9443.42	80.0	2626.81	105644	237.6734 ng/ml
Meprobamate	4.861	696489	209.01	29.9	4292.64	148941	230.8016 ng/ml
Methadone	5.618	4711108	45189.35	53.0	40845.31	806974	238.9207 ng/ml
Methamphetamine	3.182	4627763	38562.46	36.3	220.19	741916	246.5596 ng/ml
Metoprolol	4.279	627554	9536.83	104.6	3684.17	1093328	253.1884 ng/ml
Mirtazapine	4.573	4654088	58713.77	53.3	15914.16	594908	245.6927 ng/ml
Mitragynine	5.177	1045441	66430.96	34.4	225776.94	806974	243.2128 ng/ml
Morphine	1.227	121306	2672.68	45.0	374.52	11634	247.9881 ng/ml
Norbuprenorphine	4.944	12067	20020.40	104.8	8648.95	26475	22.2051 ng/ml
Nordiazepam	5.853	964369	∞	56.8	512.51	138905	235.8478 ng/ml
Norfentanyl	4.035	421332	780.41	37.9	18186.83	719491	24.6967 ng/ml
Norhydrocodone	3.023	210842	289.31	39.8	313.55	45658	233.6997 ng/ml
Noroxycodone	2.866	559944	5051.32	50.4	1064.62	82384	252.3194 ng/ml
O-desmethyl-tramadol	3.321	5708930	142711.09	5.7	1345.60	1344578	233.6893 ng/ml
o-desmethylvenlafaxine	4.013	4132532	85388.73	26.5	110.92	19501	250.6728 ng/ml
Olanzapine	4.387	1262024	9787.68	63.4	2000.52	120018	241.6925 ng/ml
Oxazepam	5.708	736553	4540.46	68.8	81.00	156412	248.2688 ng/ml
Oxycodone	2.791	1584210	2081.73	28.9	3466.42	271497	244.3110 ng/ml
Oxymorphone	1.379	353872	858.77	46.4	∞	57525	230.2380 ng/ml
Phentermine	3.724	1187852	2413.30	4.9	1005.38	603601	228.3320 ng/ml
Promethazine	5.503	5084736	1512.91	29.4	557.16	994116	253.1376 ng/ml
Pseudoephedrine	2.545	5708878	39436.55	16.2	215072.19	1026707	245.0362 ng/ml
Quetiapine	5.492	3088738	87647.73	58.6	2951.35	200155	240.2586 ng/ml
Sertraline	5.735	927160	964.86	88.8	1316.59	161234	244.3954 ng/ml
Temazepam	5.783	1749751	24602.05	26.9	7542.93	293412	251.8133 ng/ml
Tramadol	4.197	5146606	1151.75	3.6	300.70	1093328	242.4029 ng/ml
Trazodone	5.054	4468864	270885.04	64.6	188.19	567673	240.4225 ng/ml
Venlafaxine	4.996	5319465	∞	31.5	779.59	1074384	239.1474 ng/ml
Xylazine	4.035	1790215	11175.32	47.8	6900.89	337592	242.0901 ng/ml
Zolpidem	4.824	5143581	7336.79	28.7	7897.08	884285	247.7420 ng/ml

AM #28 Multi-Drug Quant. Results

TS



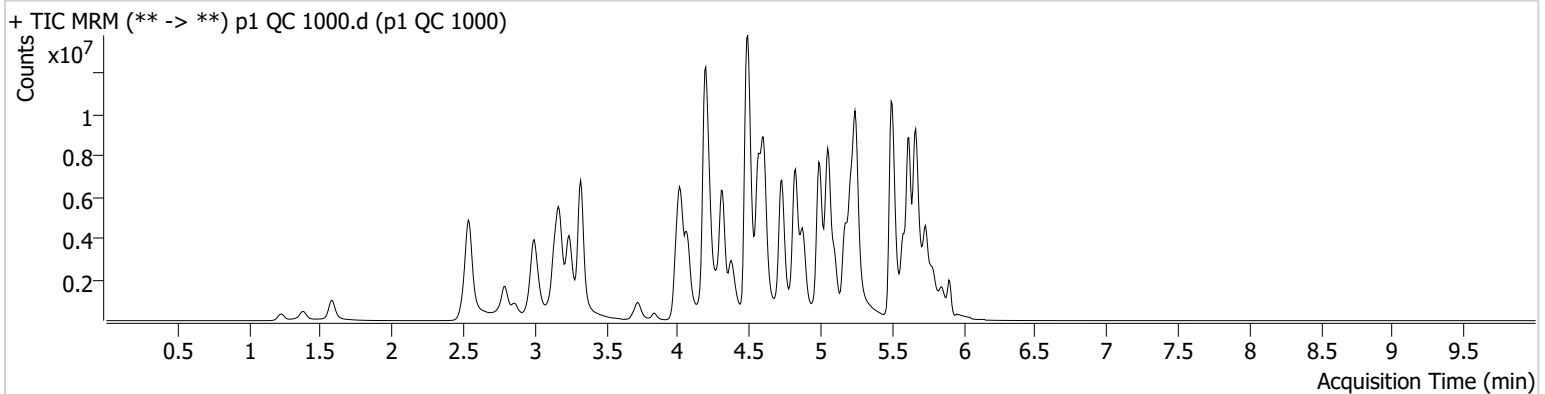
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Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P6-E11
Injection Volume 2
Acq. Date-Time 6/14/2024 2:26:56 PM
Sample Info.

Data File p1 QC 1000.d
Sample p1 QC 1000
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.
6-MAM	3.089	181567	387.45	71.1	7034.74	51413	97.6133 ng/ml
7-aminoclonazepam	4.223	664042	4528.81	73.9	31.39	43875	789.2525 ng/ml
9-hydroxyrisperidone	4.596	529839	264459.81	3430.4	61080.29	700849	959.9591 ng/ml
a-hydroxyalprazolam	5.644	299412	144.13	69.1	∞	15687	801.4689 ng/ml
alpha-PHP	4.881	2873781	15621.10	272.1	19289.40	438976	931.1862 ng/ml
alpha-PVP	4.315	11312805	1427.90	49.1	1598.99	438976	966.4093 ng/ml
Alprazolam	5.734	2760178	708.98	100.6	565.00	101473	1021.3644 ng/ml
Amphetamine	2.999	8906695	66816.74	47.0	197001.11	226831	559.6185 ng/ml
Benzoylcegonine	3.835	393311	792.72	36.5	1487.78	15200	956.6704 ng/ml
Bromazolam	5.766	1015508	62943.68	116.1	794126.64	51431	881.9145 ng/ml
Buprenorphine	5.696	213385	304.88	14.9	67512.36	61966	111.3071 ng/ml
Bupropion	4.731	11999485	13521.92	63.1	971.05	398244	885.2198 ng/ml
Carisoprodol	5.689	1646371	1089.95	61.9	1708.25	67775	1019.3730 ng/ml
Citalopram	5.173	6208419	∞	34.8	93734.23	277378	946.9745 ng/ml
Clonazepam	5.563	1483871	58333.79	36.5	39092.06	32573	719.1731 ng/ml
Clonazolam	5.520	1246309	8149.07	36.6	459497.24	32573	755.5886 ng/ml
Cocaine	4.216	6967264	1042.86	50.5	564.31	532351	1021.0253 ng/ml
Codeine	2.535	493297	626.91	93.0	713.07	33403	819.9157 ng/ml
Cyclobenzaprine	5.586	6835927	71527.66	7.7	16810.46	261404	1038.4972 ng/ml
Dextromethorphan	5.223	3569835	104626.85	79.4	144299.19	180877	944.7711 ng/ml
Dextrorphan	4.068	2683049	2478.05	215.7	106847.29	323053	980.9974 ng/ml
Diazepam	5.906	1836700	1640.17	96.9	7192.48	99584	959.9995 ng/ml
Dihydrocodeine	2.507	1616689	8630.36	64.5	36476.82	134357	748.1595 ng/ml
Diphenhydramine	5.251	17332768	128589.67	30.8	∞	1070565	861.7139 ng/ml
Doxylamine	4.493	23431312	235257.66	97.6	412770.60	1020465	981.2309 ng/ml
Duloxetine	5.606	404650	11072.56	13.7	41421.65	26836	813.4992 ng/ml
EDDP	5.215	8004297	922.16	39.8	30157.07	406049	961.8756 ng/ml
Etizolam	5.773	1613811	10980.72	26.2	10024.39	32573	1291.5398 ng/ml
Fentanyl	5.042	891822	742.02	78.3	285322.84	461266	96.0217 ng/ml
Fluorofentanyl	5.096	3092693	42776.58	41.3	10212.97	6429	97.4085 ng/ml
Fluoxetine	5.673	5793053	131506.85	7.5	354292.08	208327	1044.7158 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.975	2953455	859.87	39.3	4710.63	171037	907.5190 ng/ml
Hydromorphone	1.582	2212384	5800822.01	76.6	10582468.8 3	73006	944.2760 ng/ml
Hydroxyzine	5.656	7915995	2316.04	78.2	613181.16	180877	1069.4932 ng/ml
Ketamine	3.994	5101037	570885.04	33.8	798.93	300101	809.8540 ng/ml
Lamotrigine	4.232	288658	8447.89	88.1	15779.76	652033	631.3004 ng/ml
Lorazepam	5.706	482123	8678.07	54.3	2487.39	37998	1102.6942 ng/ml
MDA	3.140	4962464	116084.39	26.9	1759.56	202034	840.6742 ng/ml
MDMA	3.241	6579129	297.00	78.9	11831.35	72211	949.6858 ng/ml
Meprobamate	4.854	1124783	69.14	30.6	8116.25	68235	814.9213 ng/ml
Methadone	5.618	13162035	212133.61	53.2	731.62	547096	982.4952 ng/ml
Methamphetamine	3.175	13108143	73272.23	34.9	122690.21	668029	794.6126 ng/ml
Metoprolol	4.272	1463327	521850.64	105.6	8436.91	824446	783.5636 ng/ml
Mirtazapine	4.566	13539862	5598.56	51.8	548.68	438976	967.7816 ng/ml
Mitragynine	5.177	2783377	7803.02	35.5	1443530.60	547096	954.2603 ng/ml
Morphine	1.227	367130	2090.67	45.5	∞	9543	918.6263 ng/ml
Norbuprenorphine	4.944	42411	68.68	92.5	3058.27	20593	100.6666 ng/ml
Nordiazepam	5.853	1786413	∞	53.5	112423.65	65470	927.2631 ng/ml
Norfentanyl	4.035	770323	20116.33	38.4	3864.72	248961	130.1455 ng/ml
Norhydrocodone	3.016	668808	201.92	41.0	∞	32853	1025.8897 ng/ml
Noroxycodone	2.859	1608153	2571.10	51.3	1594.34	62629	953.5055 ng/ml
O-desmethyl-tramadol	3.321	18141958	∞	5.7	1426.59	1014703	982.6292 ng/ml
o-desmethylvenlafaxine	4.013	8803720	125171.20	26.1	152.76	10128	1026.8070 ng/ml
Olanzapine	4.373	4632254	146107.56	63.4	84194.59	100481	1056.8314 ng/ml
Oxazepam	5.708	685168	8532.75	69.8	1088.83	37998	951.2482 ng/ml
Oxycodone	2.784	5262982	6733.93	29.3	868.56	235486	935.4167 ng/ml
Oxymorphone	1.379	1179470	∞	48.0	289.95	51173	862.6093 ng/ml
Phentermine	3.724	2944500	∞	4.9	298.90	486671	702.7053 ng/ml
Promethazine	5.503	14600352	341906.27	28.6	374.06	677737	1064.0979 ng/ml
Pseudoephedrine	2.545	15272151	167269.11	15.5	163.80	652033	1030.8781 ng/ml
Quetiapine	5.485	6970031	1061.40	58.8	275.26	165612	656.2474 ng/ml
Sertraline	5.742	2098019	892.23	89.3	85385.49	78200	1139.0346 ng/ml
Temazepam	5.790	2130704	832.23	28.3	132.77	84856	1059.3138 ng/ml
Tramadol	4.191	14087661	∞	3.5	415.05	824446	878.7252 ng/ml
Trazodone	5.047	13160169	332813.21	70.7	232.04	372019	1078.2417 ng/ml
Venlafaxine	4.989	16385629	∞	30.7	1932.69	781374	1010.3732 ng/ml
Xylazine	4.028	5386335	4265.88	49.3	96347.78	250489	980.6128 ng/ml
Zolpidem	4.824	16209319	219780.16	27.4	120965.33	759560	908.6531 ng/ml

TS

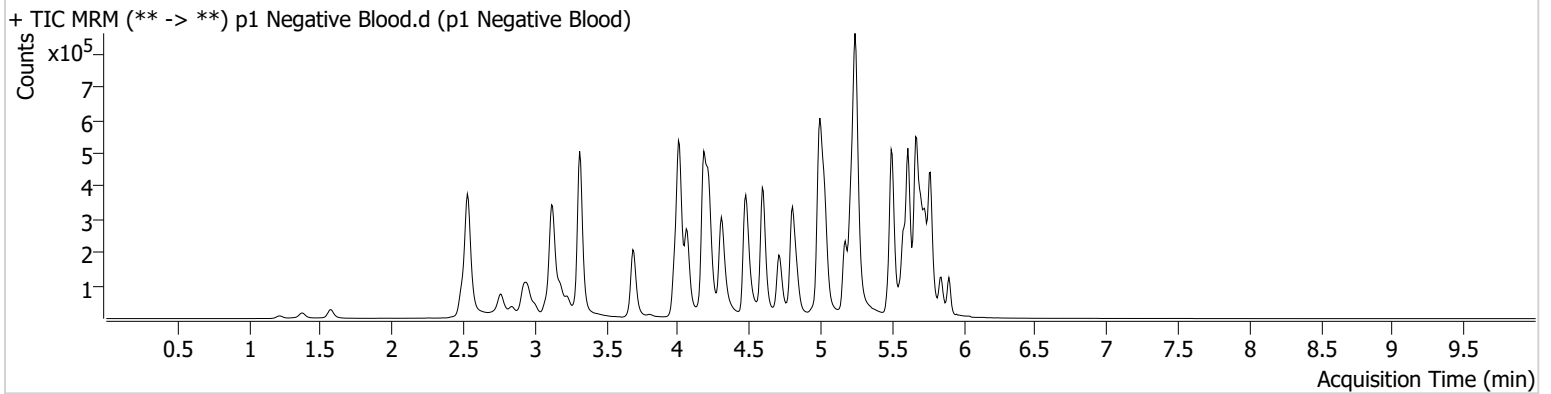


AM #28 Multi-Drug Quant. Results

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Calibration Last Update 6/18/2024 3:54:38 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-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.
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Sample Info.			

Sample Chromatogram



AM #28 Multi-Drug Quant. Results

TS



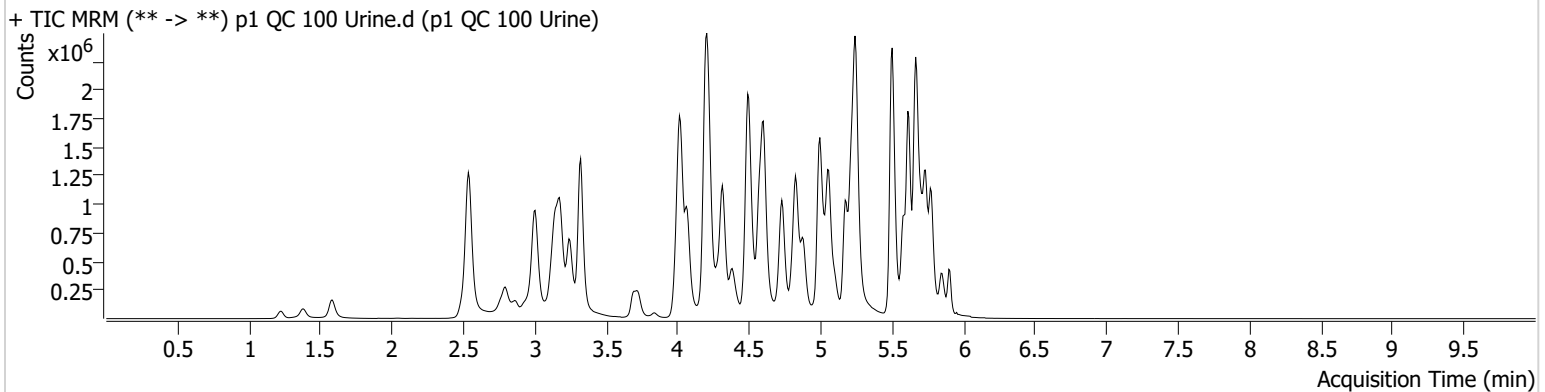
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Calibration Last Update 6/18/2024 3:54:38 PM

Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P6-D11
Injection Volume 2
Acq. Date-Time 6/14/2024 8:50:14 PM
Sample Info.

Data File p1 QC 100 Urine.d
Sample p1 QC 100 Urine
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.
6-MAM	3.089	23445	709.32	71.1	474.27	66613	9.7560 ng/ml
7-aminoclonazepam	4.217	343235	10595.06	74.1	10244.13	165094	108.2232 ng/ml
9-hydroxyrisperidone	4.603	76008	51778.47	3027.5	6393.51	995105	97.5391 ng/ml
a-hydroxyalprazolam	5.651	124884	405.59	63.1	216.97	46970	111.3553 ng/ml
alpha-PHP	4.881	385496	1785.75	263.5	31373.51	607763	90.3551 ng/ml
alpha-PVP	4.315	1458188	586.33	48.7	780.92	607763	90.3048 ng/ml
Alprazolam	5.734	541798	651.38	104.9	1143.39	210008	97.1036 ng/ml
Amphetamine	3.006	1866490	2550.71	49.6	145.28	300680	87.3733 ng/ml
Benzoylcegonine	3.835	46711	216.81	36.9	332.48	15990	107.4670 ng/ml
Bromazolam	5.766	254147	6451.30	113.3	2496.31	113110	100.1979 ng/ml
Buprenorphine	5.703	32717	35741.47	15.2	6243.44	120820	8.8738 ng/ml
Bupropion	4.731	1543273	675.71	62.4	775.11	501202	90.7021 ng/ml
Carisoprodol	5.682	578868	854.22	57.7	165.79	274180	89.0801 ng/ml
Citalopram	5.173	1096466	655.17	37.0	8241.69	521429	89.5361 ng/ml
Clonazepam	5.570	383227	3112.12	37.1	19106.36	55857	107.9958 ng/ml
Clonazolam	5.513	406183	14481.03	35.6	92668.05	55857	142.9393 ng/ml
Cocaine	4.216	1069535	2985.25	51.1	1167.77	836223	99.9700 ng/ml
Codeine	2.542	98340	1871.12	101.9	79.33	53054	102.2256 ng/ml
Cyclobenzaprine	5.586	979679	4399.35	8.7	629.83	418918	93.4932 ng/ml
Dextromethorphan	5.230	657705	16146.68	81.9	10852.54	340905	92.6082 ng/ml
Dextrorphan	4.068	428496	2042.45	207.5	815.66	530537	95.7444 ng/ml
Diazepam	5.906	284387	357.84	94.6	683.46	161859	91.1241 ng/ml
Dihydrocodeine	2.521	282457	1136.51	64.0	682.83	176812	98.5989 ng/ml
Diphenhydramine	5.251	2565399	669.44	31.6	534.56	1786529	76.8794 ng/ml
Doxylamine	4.497	2727217	35722.97	100.2	3735.56	1202660	97.5022 ng/ml
Duloxetine	5.606	136781	7091.30	13.4	12236.43	81901	90.2281 ng/ml
EDDP	5.215	1130895	11323.45	41.3	412.48	594036	93.2931 ng/ml
Etizolam	5.773	268578	1607.34	26.9	1441.46	55857	125.9072 ng/ml
Fentanyl	5.042	119566	391.81	75.3	724.69	614655	9.7094 ng/ml
Fluorofentanyl	5.096	310656	759.14	41.6	25356.49	6858	9.3190 ng/ml
Fluoxetine	5.666	1367695	24093.52	7.8	149.93	560217	92.4131 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	375294	955.58	35.8	22.77	199830	98.7879 ng/ml
Hydromorphone	1.582	281544	1394.91	76.1	3372.83	95395	91.9832 ng/ml
Hydroxyzine	5.656	1203156	6622.98	75.3	11864.88	340905	86.7421 ng/ml
Ketamine	4.001	879668	970.28	36.2	1430.20	421941	98.7362 ng/ml
Lamotrigine	4.225	80334	2656.79	85.0	84193.50	1142358	99.7495 ng/ml
Lorazepam	5.706	231380	3198.77	52.7	271.75	215977	92.6244 ng/ml
MDA	3.147	1188485	2730.71	27.7	9059.04	371530	108.7662 ng/ml
MDMA	3.248	959492	472.35	80.0	288.23	108380	92.5910 ng/ml
Meprobamate	4.861	315989	192.88	29.8	1606.16	154667	100.5353 ng/ml
Methadone	5.618	1795768	1370.69	52.1	1245.46	804136	91.8044 ng/ml
Methamphetamine	3.182	1940872	235.41	37.2	4969.39	716254	102.1065 ng/ml
Metoprolol	4.279	263767	166270.20	103.7	44785.57	1160050	100.1137 ng/ml
Mirtazapine	4.573	1889343	75065.43	52.9	59159.52	607763	97.8145 ng/ml
Mitragynine	5.177	456775	4697.70	33.8	916.06	804136	106.8034 ng/ml
Morphine	1.227	57621	2201.55	43.9	1378.78	14418	94.2047 ng/ml
Norbuprenorphine	4.944	4792	5995.26	109.2	296.22	24040	9.6587 ng/ml
Nordiazepam	5.853	365224	693.74	55.3	803.79	123445	100.4407 ng/ml
Norfentanyl	4.035	195594	688.82	37.5	272.03	882457	9.3979 ng/ml
Norhydrocodone	3.023	82648	318.15	40.3	170.20	48015	87.9156 ng/ml
Noroxycodone	2.866	262751	499.98	50.1	323.70	96122	101.4201 ng/ml
O-desmethyl-tramadol	3.321	2249136	26884.61	5.8	496.87	1354997	91.6270 ng/ml
o-desmethylvenlafaxine	4.013	1816443	41537.63	26.5	1341.40	22457	95.9654 ng/ml
Olanzapine	4.380	669503	6738.29	62.0	2455.17	169293	91.4141 ng/ml
Oxazepam	5.708	383100	307.01	68.9	504.98	215977	93.3852 ng/ml
Oxycodone	2.791	706286	1071.90	28.5	549.50	301790	98.0588 ng/ml
Oxymorphone	1.379	167179	317.78	45.5	502.83	64835	96.5146 ng/ml
Phentermine	3.724	510559	1629.82	5.1	1376.37	596536	99.1083 ng/ml
Promethazine	5.503	1952982	19030.78	30.2	17903.90	1016451	95.4938 ng/ml
Pseudoephedrine	2.545	2477504	1859.95	16.3	1037.28	1142358	95.8215 ng/ml
Quetiapine	5.492	1303937	28130.68	57.7	15269.29	200408	100.9644 ng/ml
Sertraline	5.735	448202	15939.22	89.9	1011.00	201124	94.9139 ng/ml
Temazepam	5.776	769513	403.68	28.7	360.64	352746	92.3078 ng/ml
Tramadol	4.197	2077941	829.75	3.6	326.66	1160050	92.5228 ng/ml
Trazodone	5.054	1818045	27428.13	63.8	121.27	600591	92.8236 ng/ml
Venlafaxine	4.996	2058303	2241.99	32.3	3551.12	1099366	90.9159 ng/ml
Xylazine	4.035	770095	74925.93	46.5	1126.81	377250	93.4060 ng/ml
Zolpidem	4.824	2069453	6591.18	29.4	2261.03	889497	99.1532 ng/ml

TS

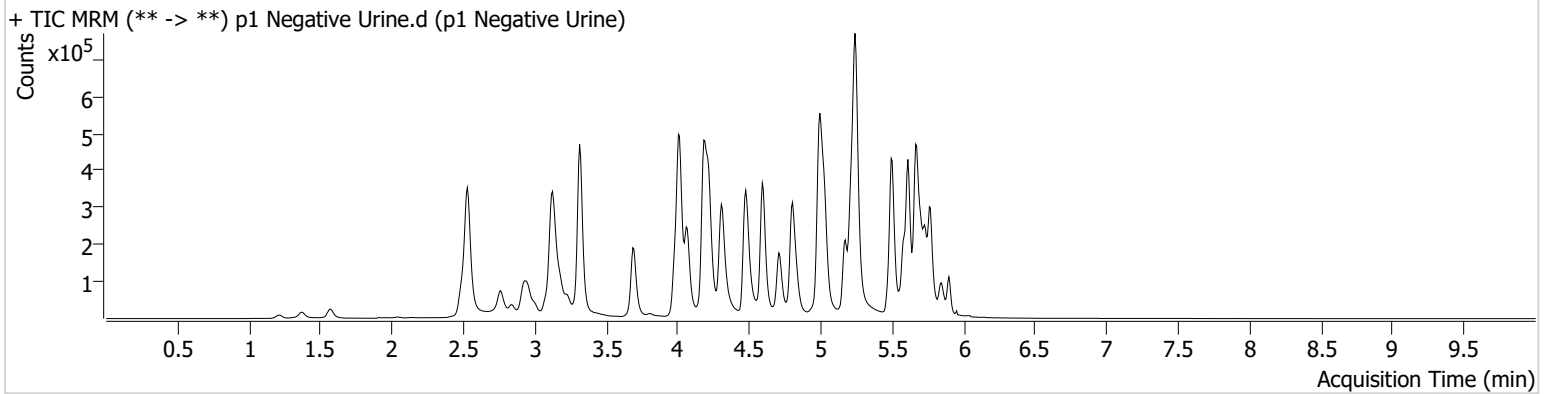


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 6/18/2024 3:54:38 PM

Instrument	Falco (069901)	Data File	p1 Negative Urine.d
Type	Sample	Sample	p1 Negative Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-B11	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	6/14/2024 3:09:33 PM		
Sample Info.			

Sample Chromatogram



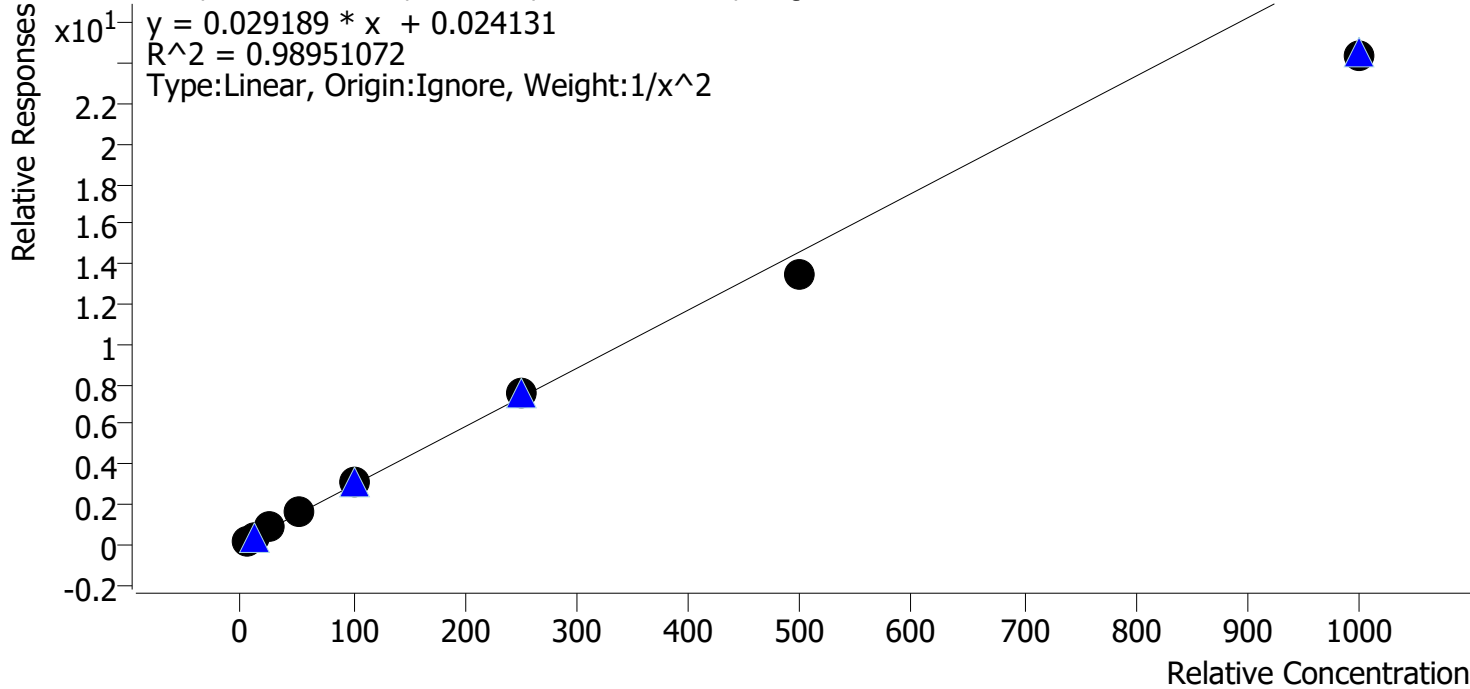
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.5
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
p1 Cal 7-500ng	7	✓	500.0	457.8	91.6
p1 Cal 8-1000ng	8	✓	1000.0	836.0	83.6

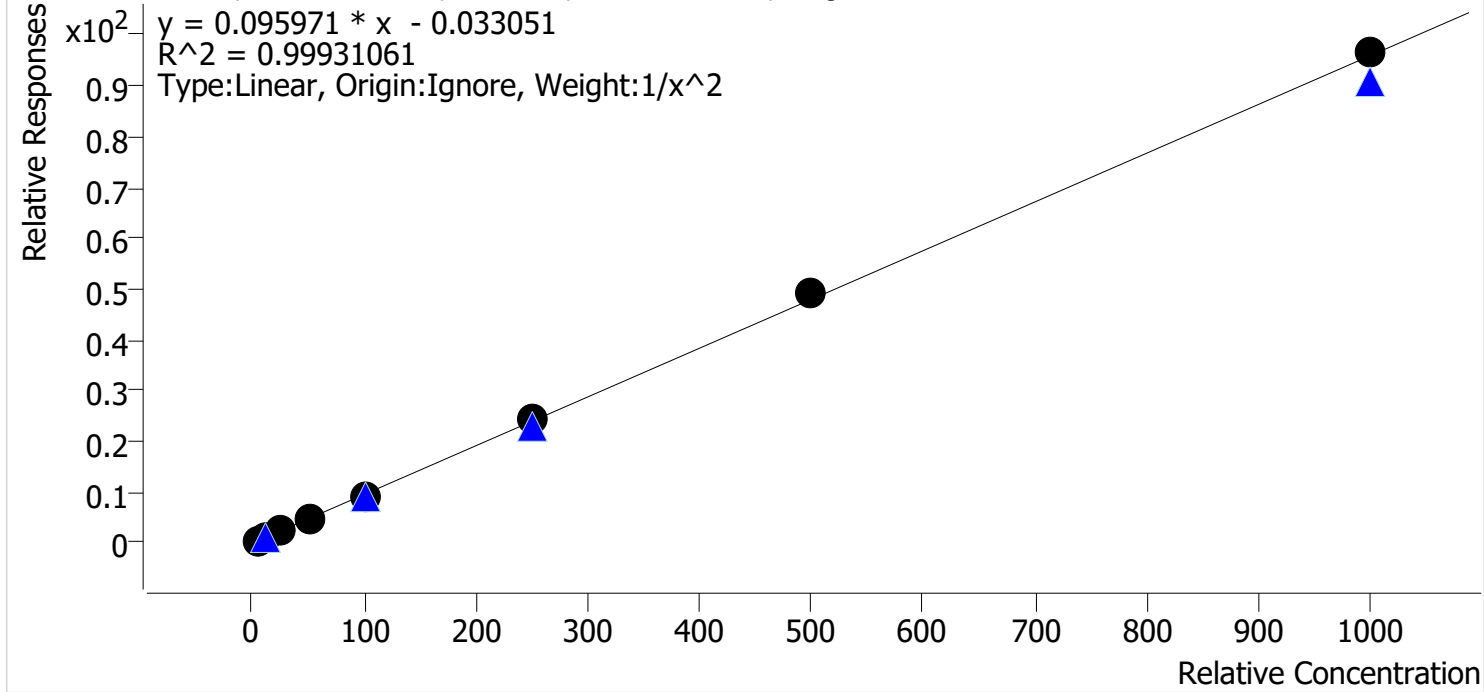
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	257.3	102.9
p1 Cal 7-500ng	7	✓	500.0	512.8	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1006.4	100.6

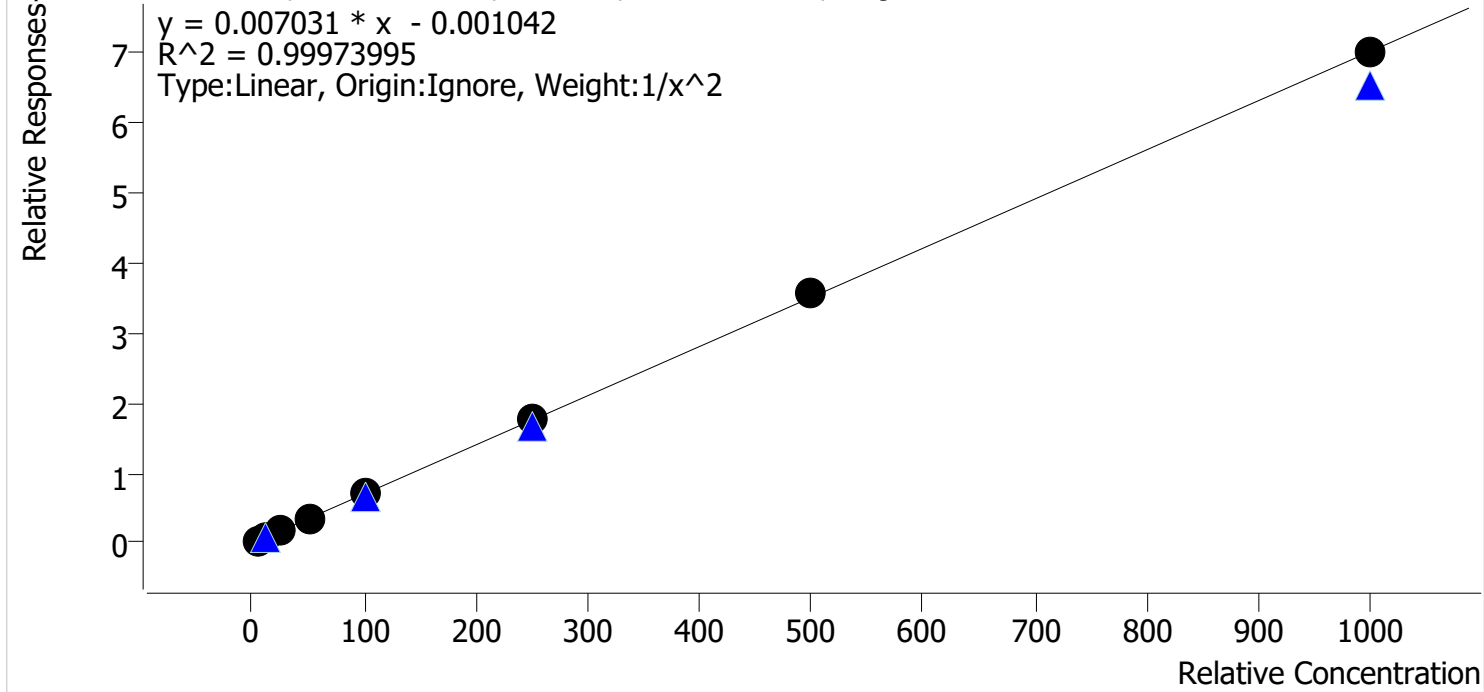
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	511.4	102.3
p1 Cal 8-1000ng	8	✓	1000.0	997.8	99.8

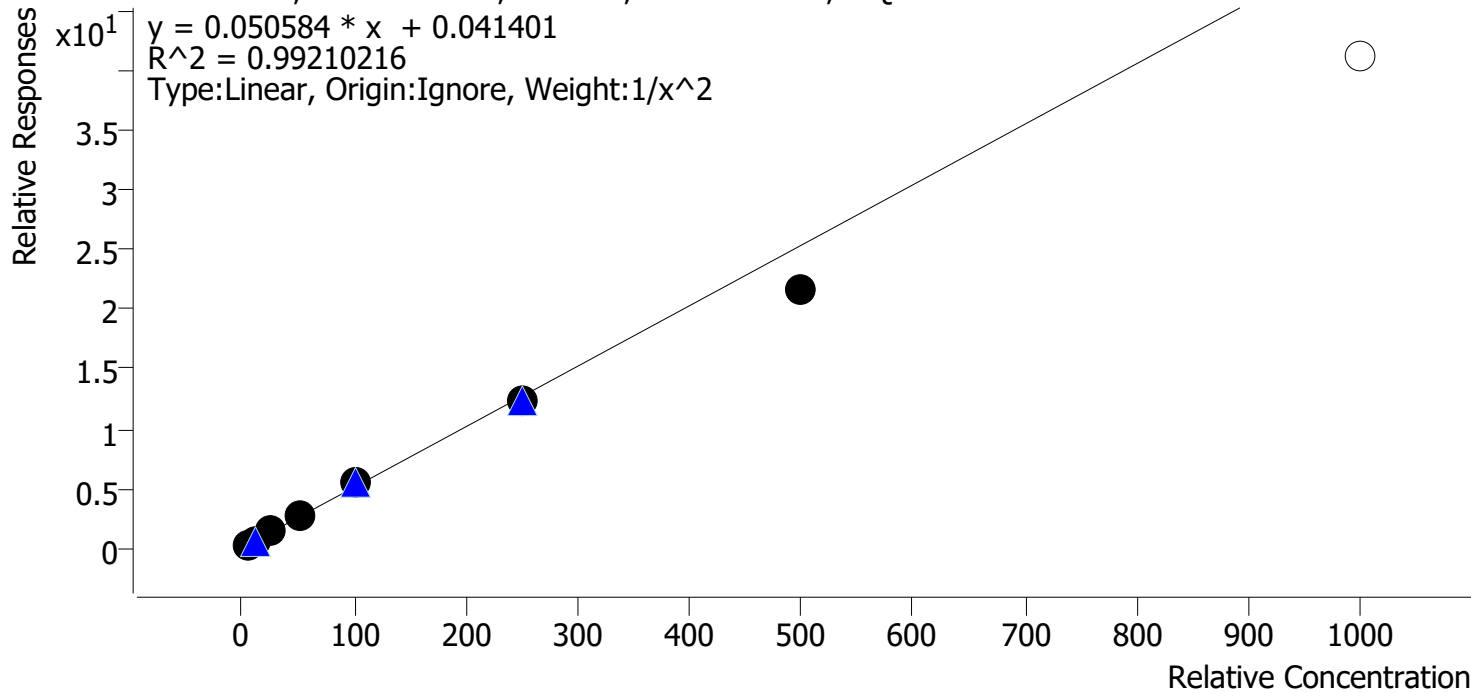
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	428.0	85.6
p1 Cal 8-1000ng	8	✗	1000.0	811.8	81.2

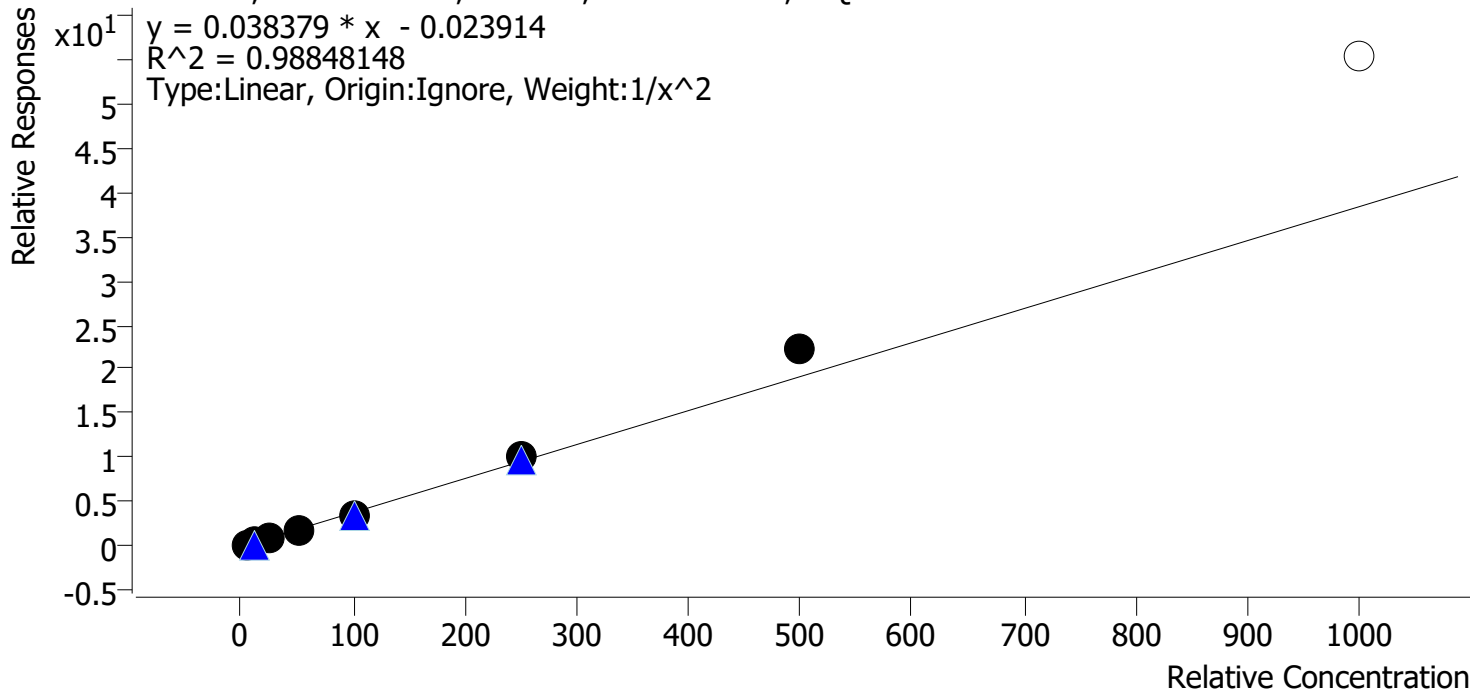
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

Etizolam - 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	5.3	105.1
p1 Cal 2-10ng	2	✓	10.0	9.5	94.9
p1 Cal 3 -25ng	3	✓	25.0	22.7	90.9
p1 Cal 4-50ng	4	✓	50.0	46.0	92.0
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	263.7	105.5
p1 Cal 7-500ng	7	✓	500.0	579.4	115.9
p1 Cal 8-1000ng	8	✗	1000.0	1441.7	144.2

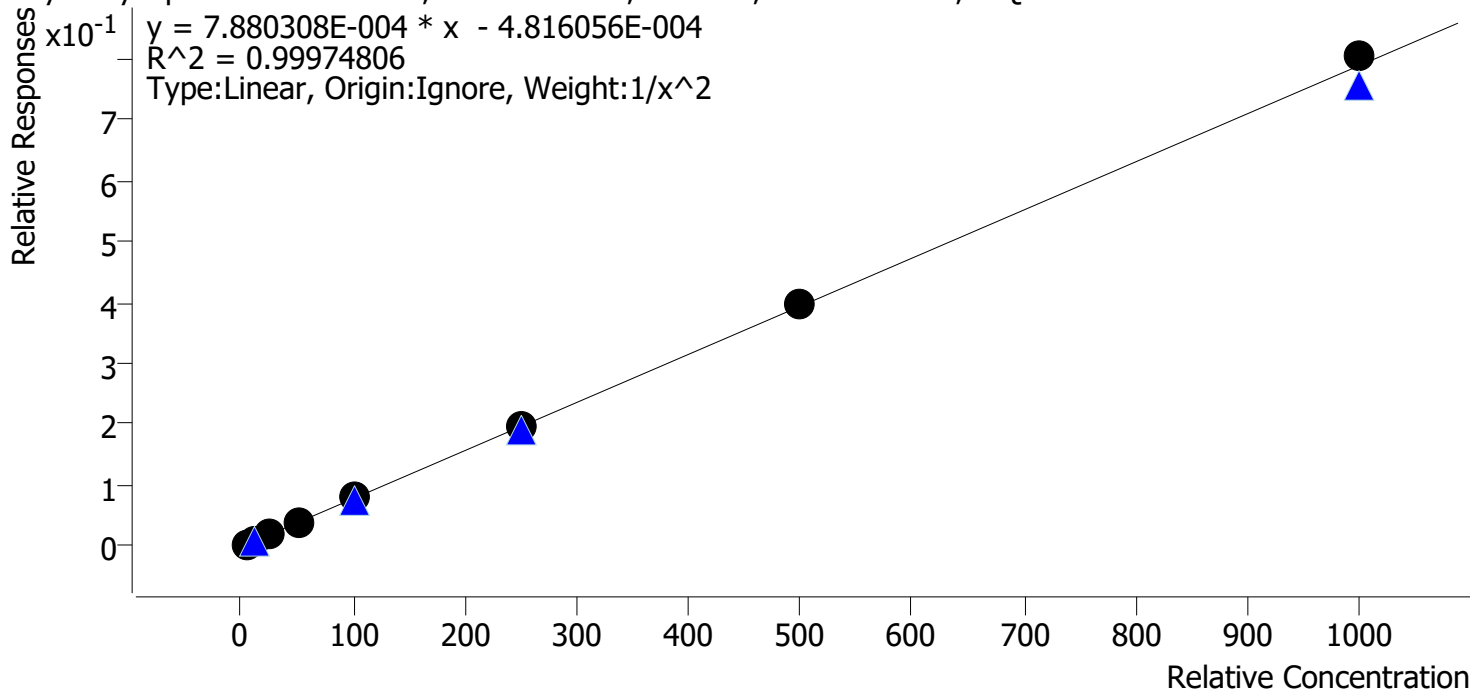
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte 9-hydroxyrisperidone **Internal Standard** 9-hydroxyrisperidone-D4

9-hydroxyrisperidone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



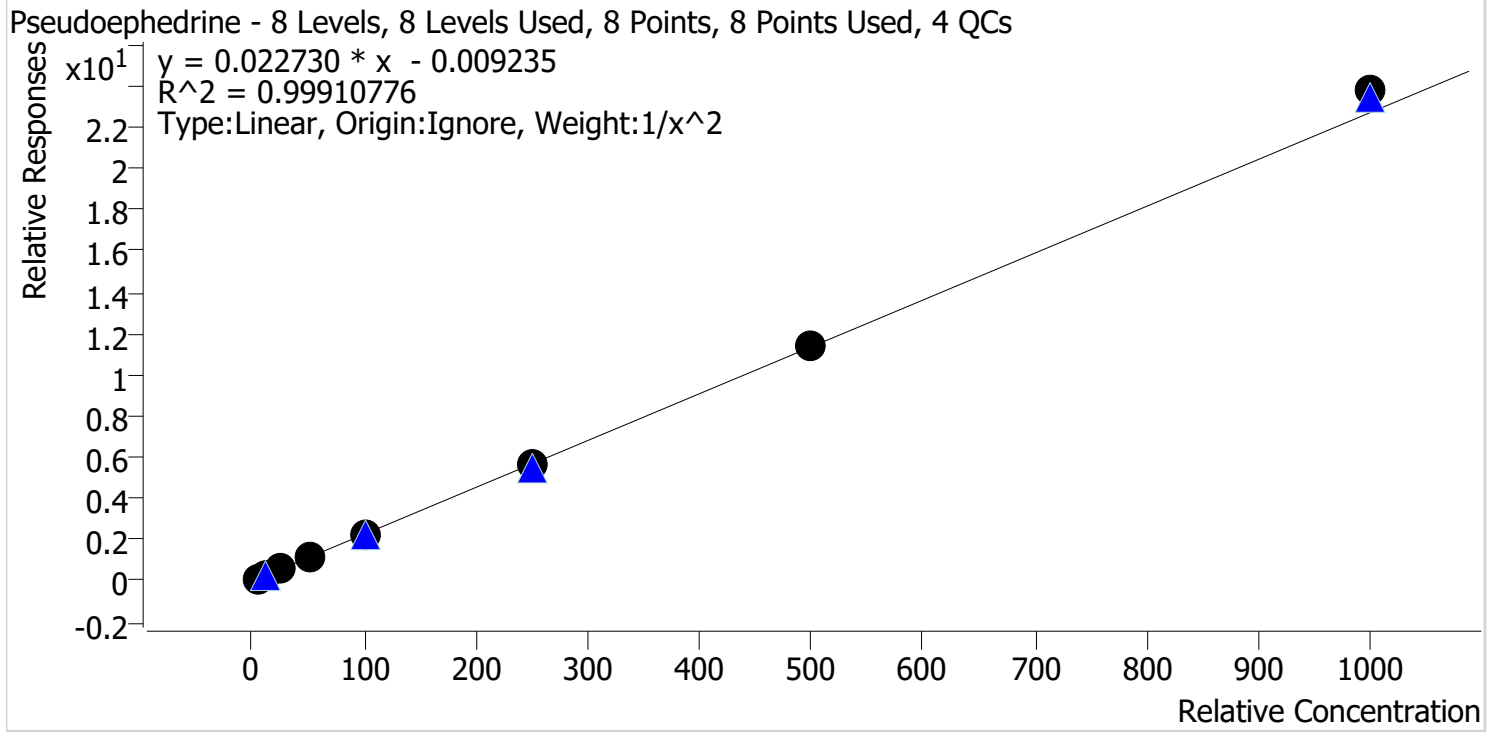
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	505.1	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1019.5	102.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



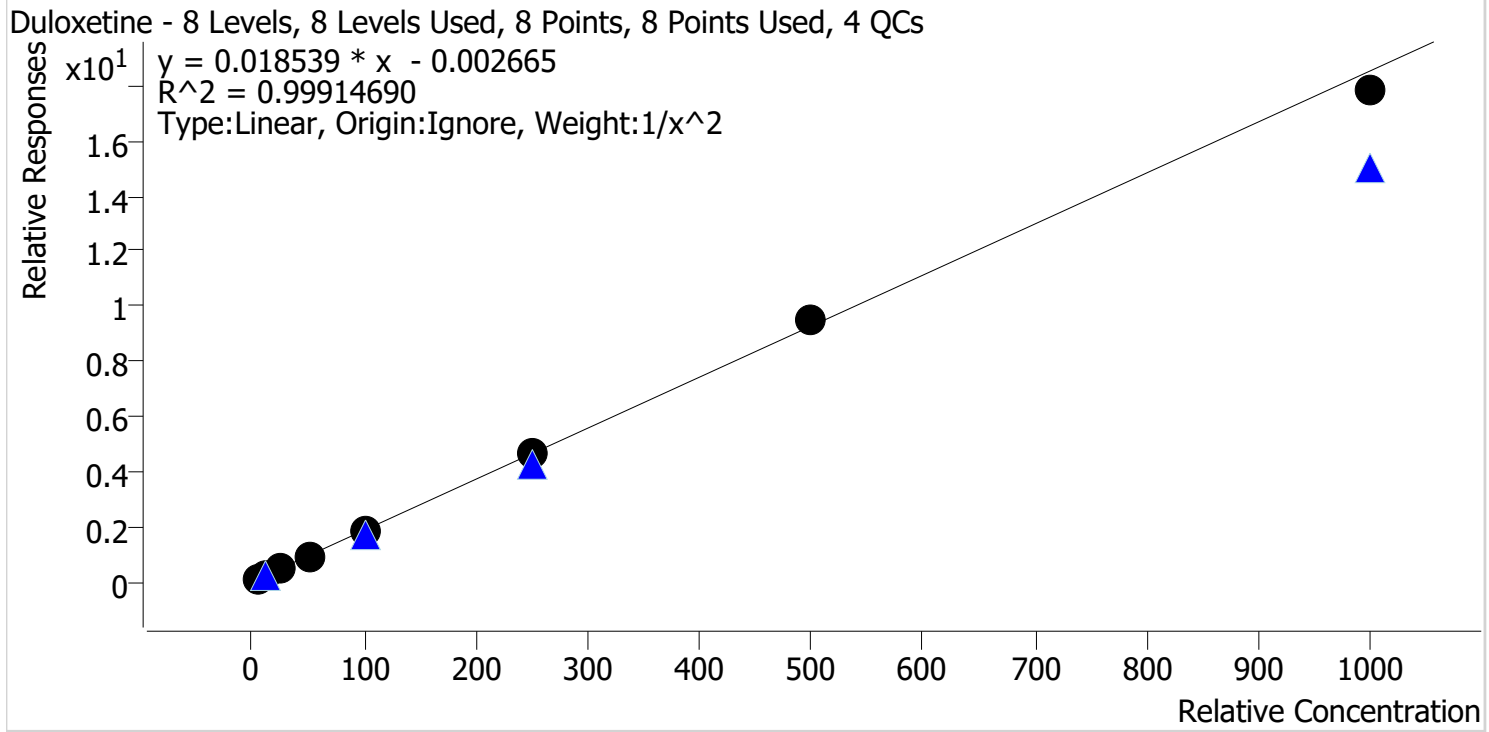
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	503.5	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1047.0	104.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



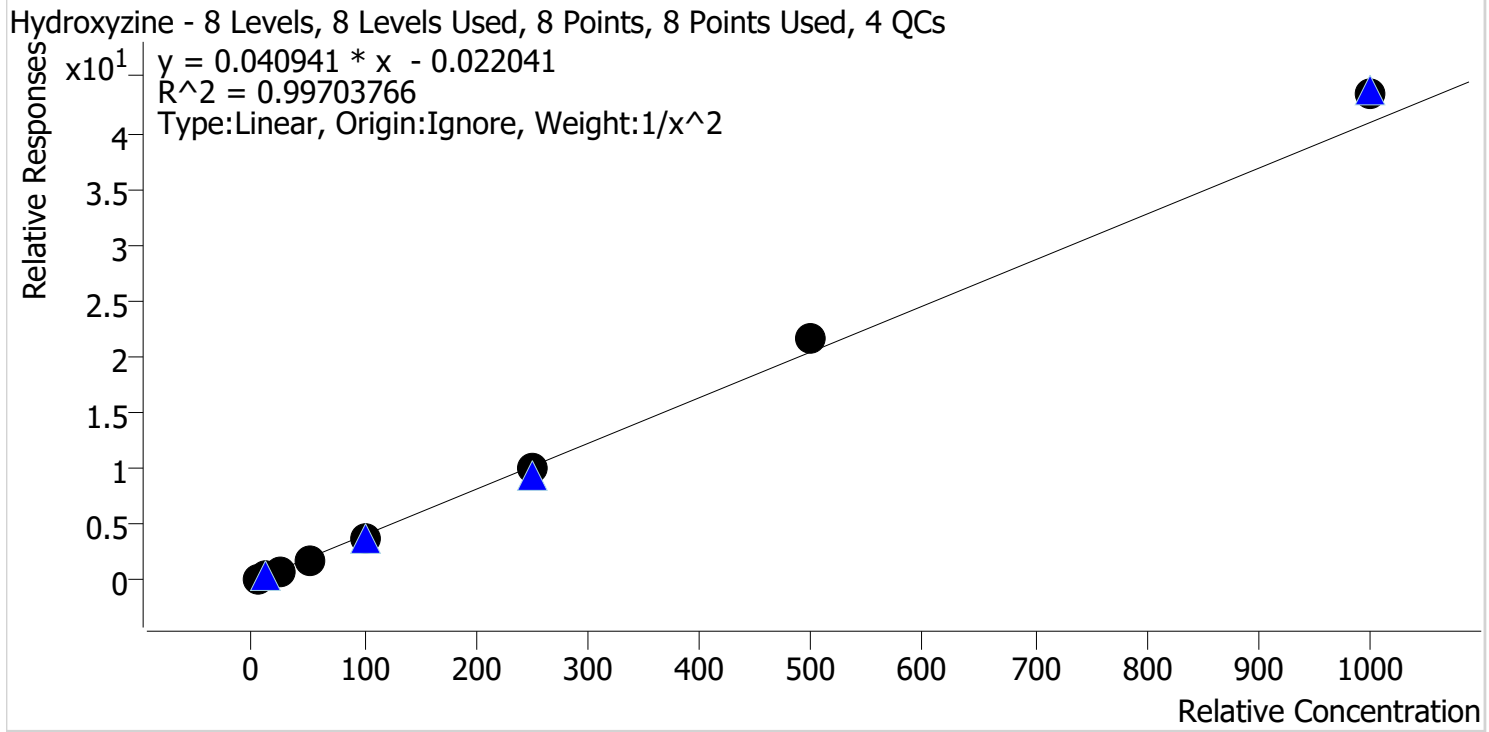
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	512.9	102.6
p1 Cal 8-1000ng	8	✓	1000.0	961.4	96.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



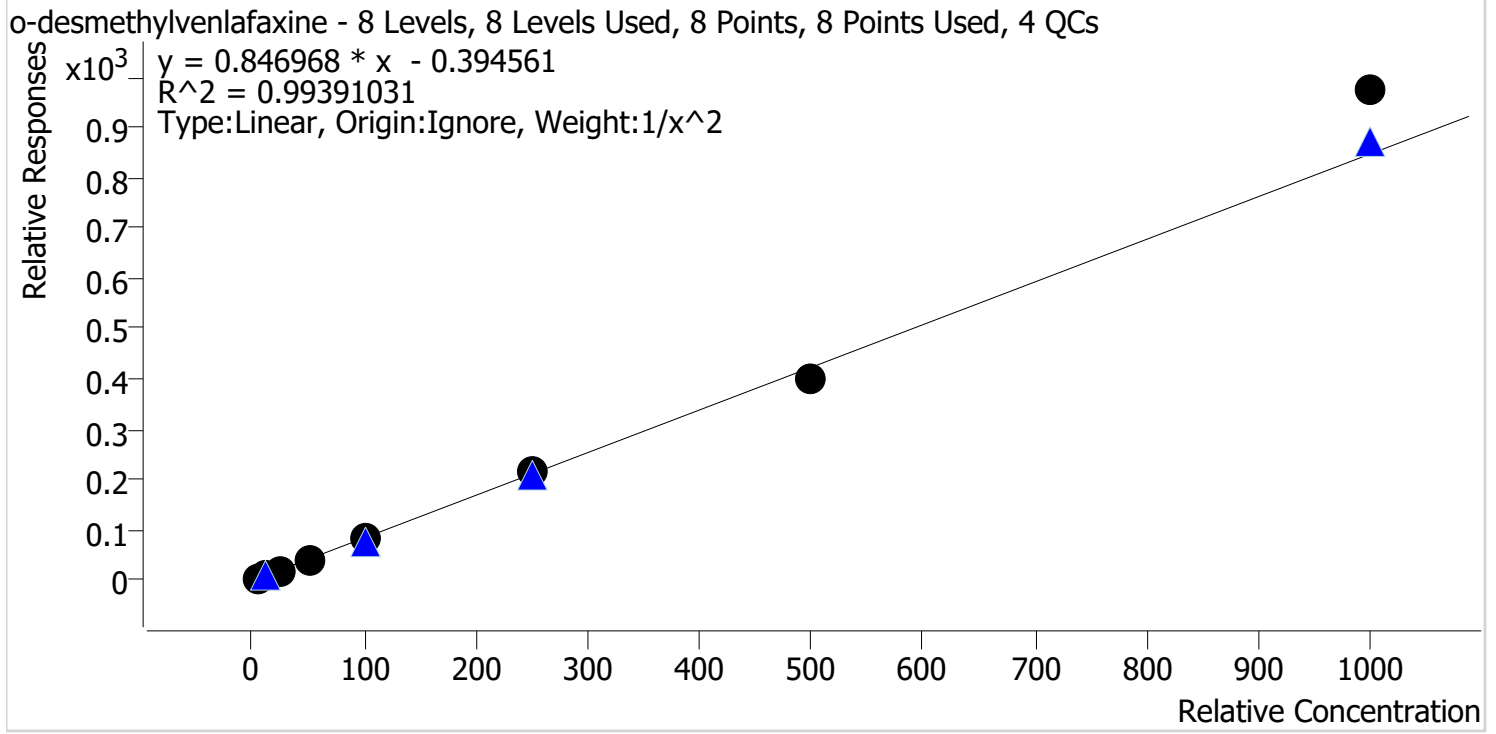
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	249.4	99.7
p1 Cal 7-500ng	7	✓	500.0	532.5	106.5
p1 Cal 8-1000ng	8	✓	1000.0	1066.0	106.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 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	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.5	95.3
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	473.5	94.7
p1 Cal 8-1000ng	8	✓	1000.0	1149.4	114.9

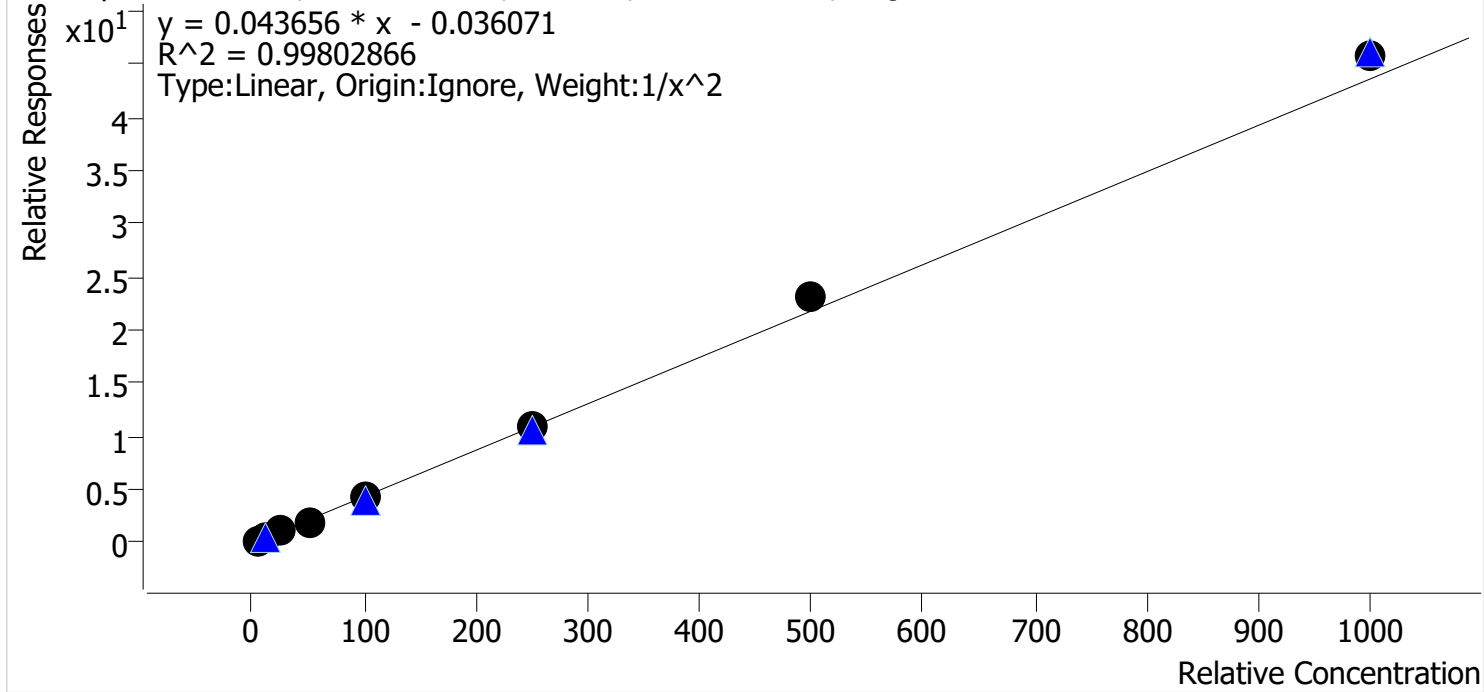
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

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



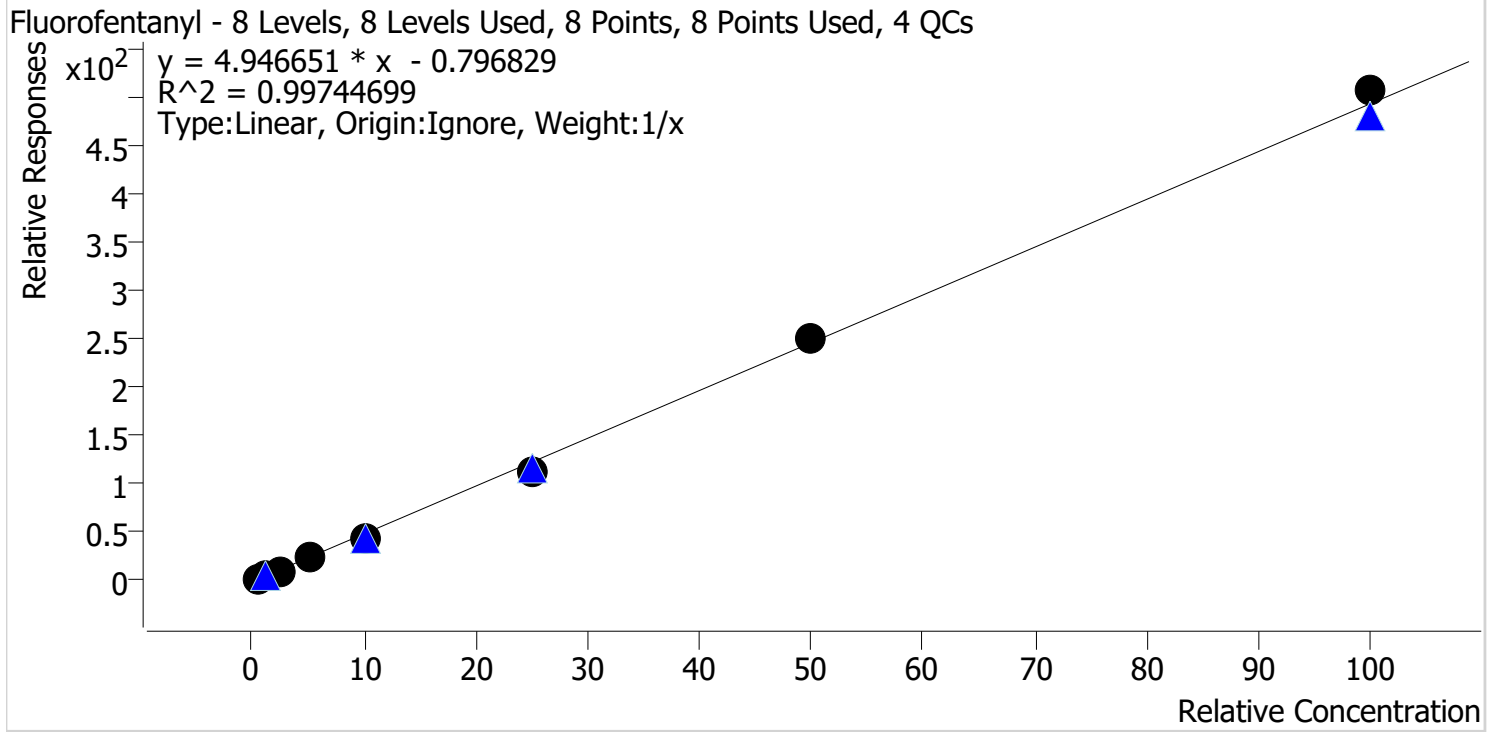
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	47.4	94.8
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	527.6	105.5
p1 Cal 8-1000ng	8	✓	1000.0	1048.2	104.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



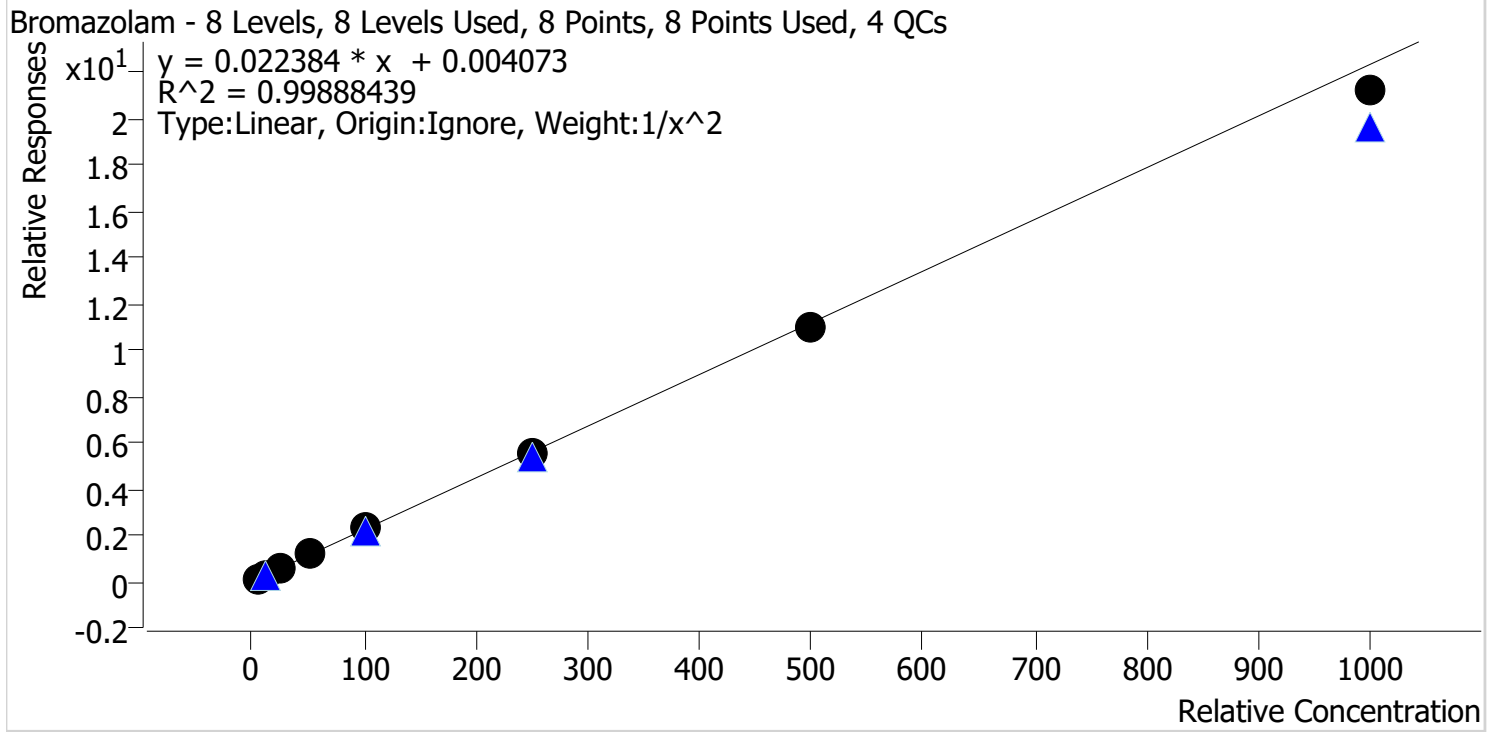
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	119.6
p1 Cal 2-10ng	2	✓	1.0	1.1	106.5
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.5
p1 Cal 4-50ng	4	✓	5.0	4.8	95.2
p1 Cal 5-100ng	5	✓	10.0	9.0	90.3
p1 Cal 6-250ng	6	✓	25.0	22.6	90.5
p1 Cal 7-500ng	7	✓	50.0	50.8	101.6
p1 Cal 8-1000ng	8	✓	100.0	102.8	102.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datator
Analyte Bromazolam **Internal Standard** Bromazolam-D5



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	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	50.6	101.3
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	246.9	98.8
p1 Cal 7-500ng	7	✓	500.0	494.2	98.8
p1 Cal 8-1000ng	8	✓	1000.0	949.2	94.9

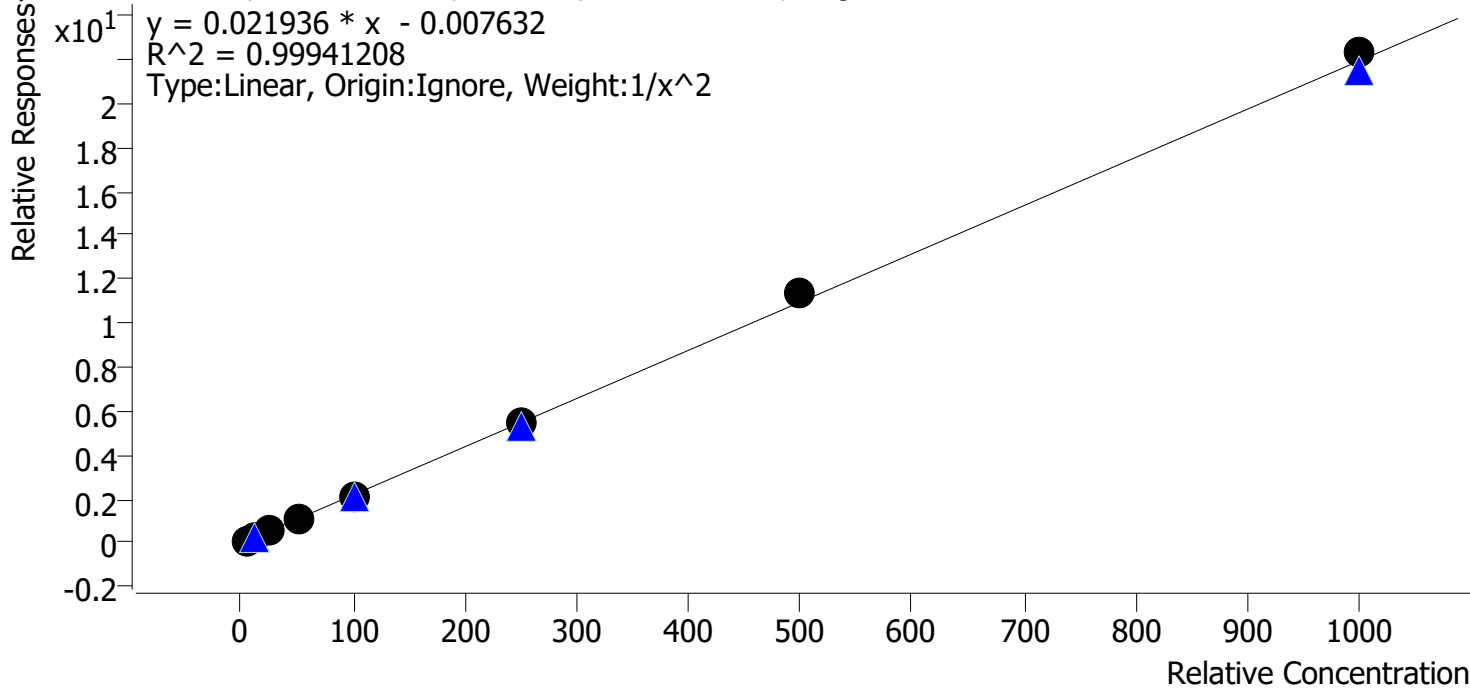
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Xylazine **Internal Standard** Xylanzine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	48.7	97.5
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	250.9	100.3
p1 Cal 7-500ng	7	✓	500.0	516.1	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1017.4	101.7

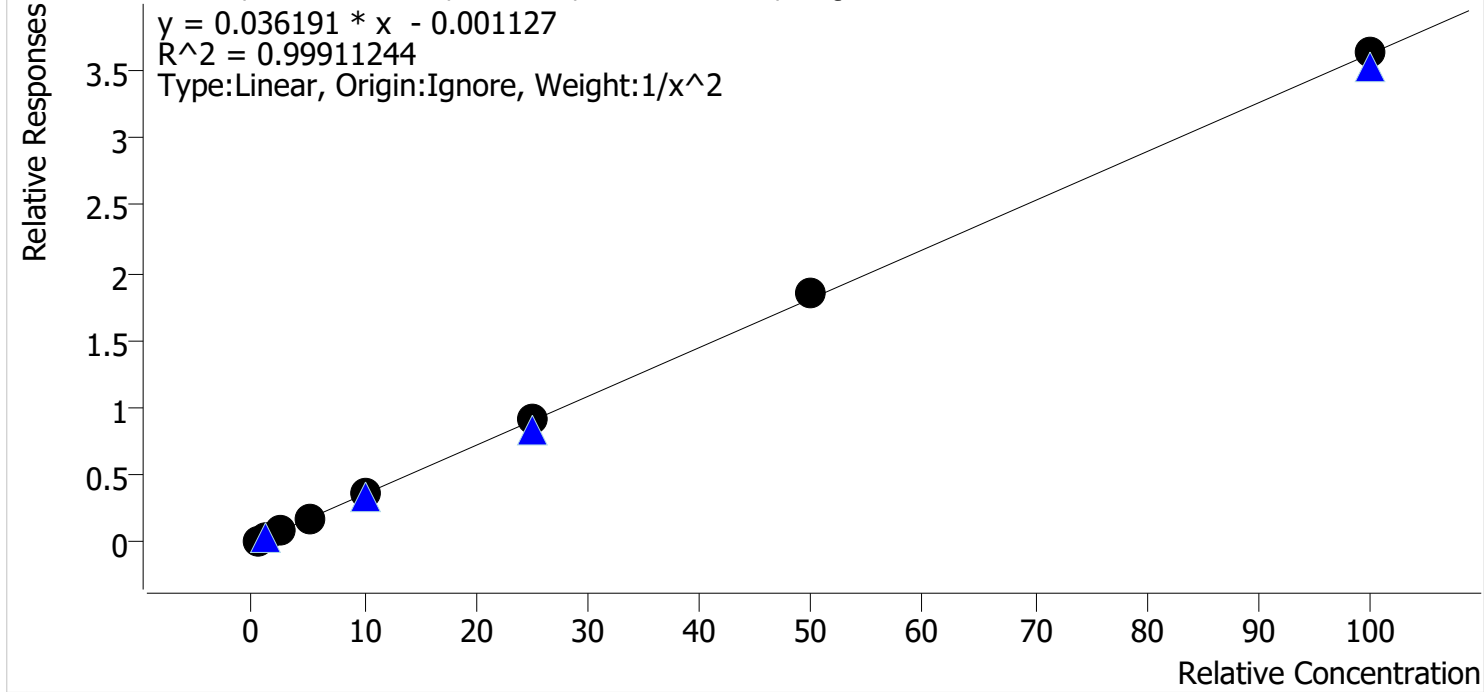
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.7
p1 Cal 2-10ng	2	✓	1.0	1.0	95.6
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.2
p1 Cal 4-50ng	4	✓	5.0	4.9	98.7
p1 Cal 5-100ng	5	✓	10.0	10.2	101.9
p1 Cal 6-250ng	6	✓	25.0	25.3	101.4
p1 Cal 7-500ng	7	✓	50.0	51.1	102.2
p1 Cal 8-1000ng	8	✓	100.0	100.3	100.3

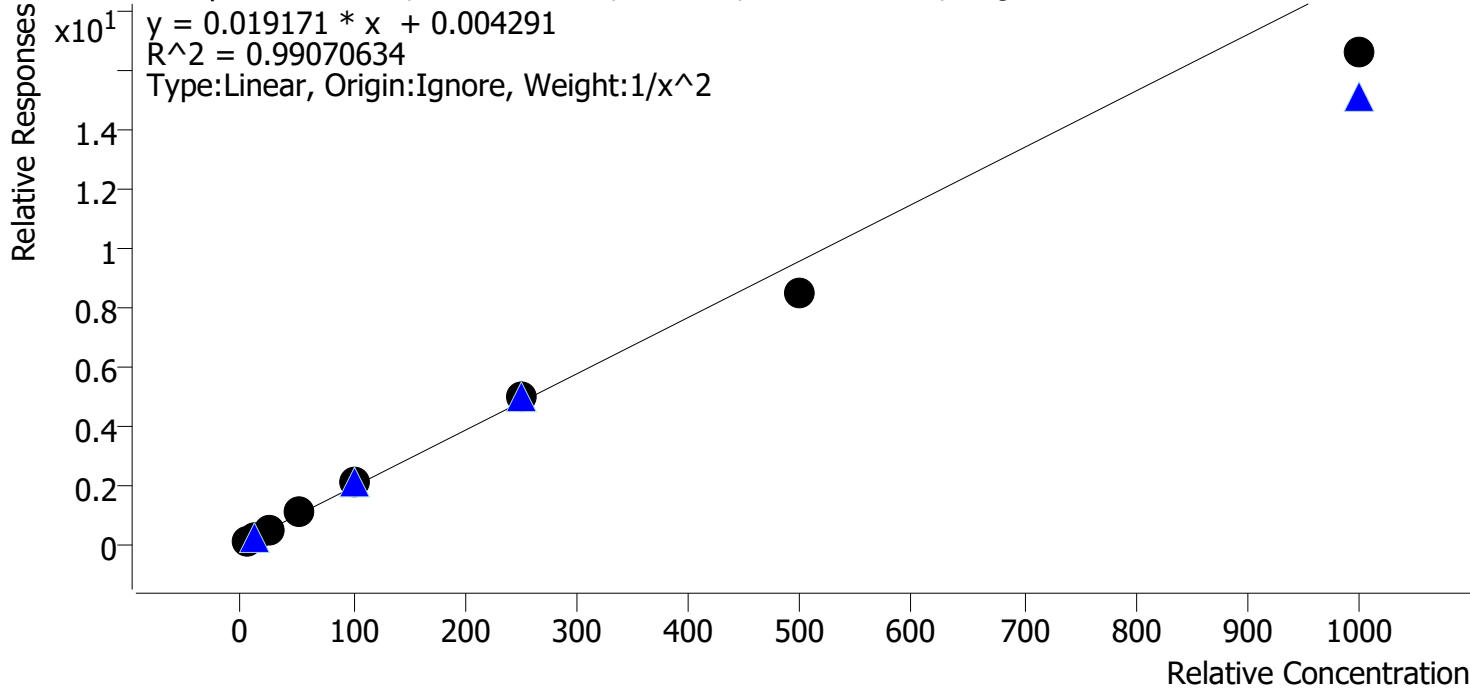
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
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	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.8
p1 Cal 4-50ng	4	✓	50.0	54.7	109.4
p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng	6	✓	250.0	257.1	102.8
p1 Cal 7-500ng	7	✓	500.0	445.2	89.0
p1 Cal 8-1000ng	8	✓	1000.0	868.3	86.8

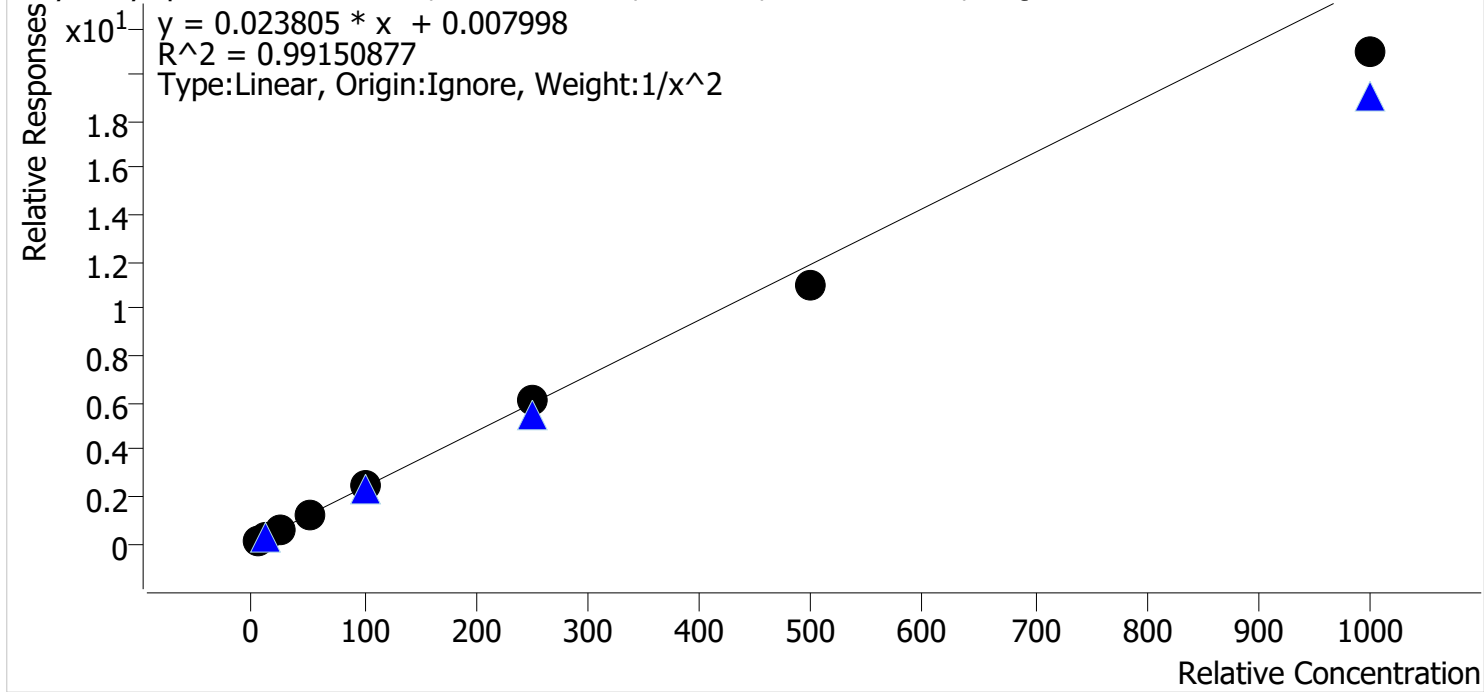
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datator
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

a-hydroxyalprazolam - 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	4.6	92.6
p1 Cal 2-10ng	2	✓	10.0	11.2	111.8
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	463.5	92.7
p1 Cal 8-1000ng	8	✓	1000.0	879.9	88.0

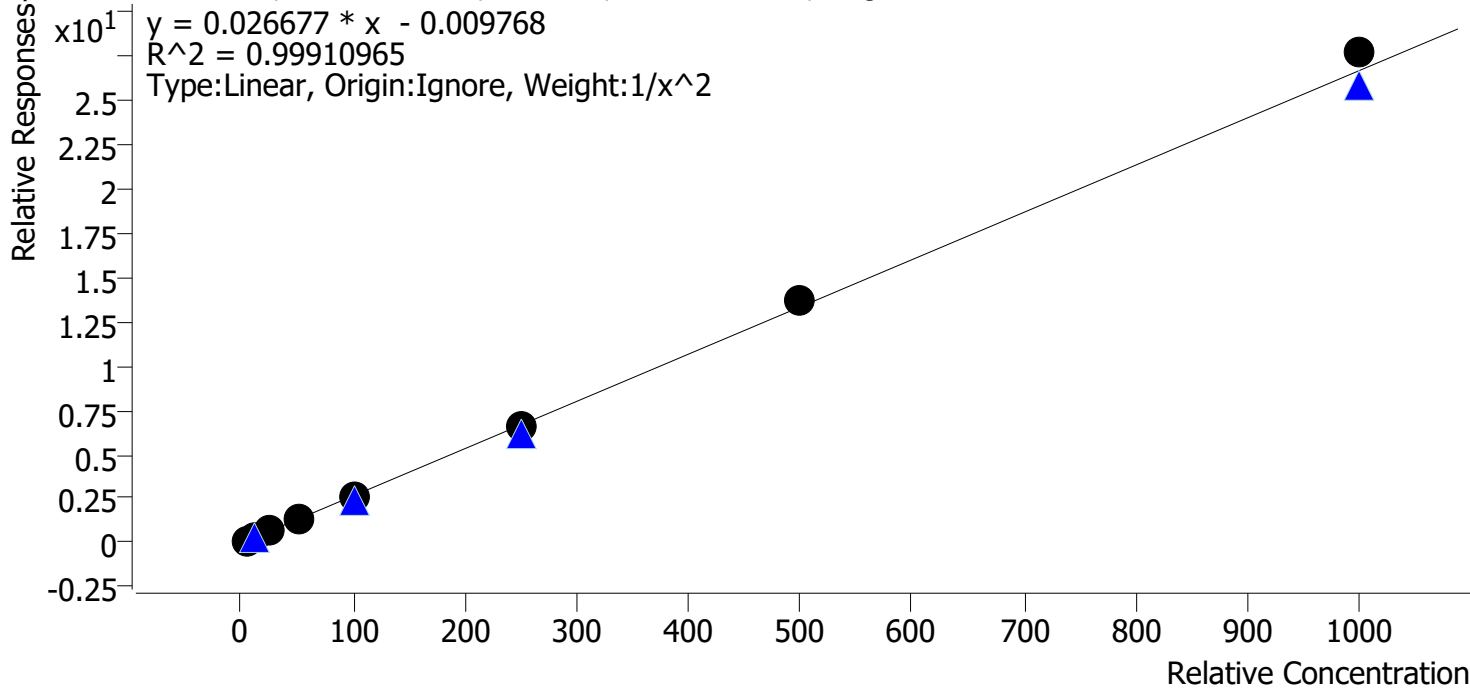
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	517.1	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1038.2	103.8

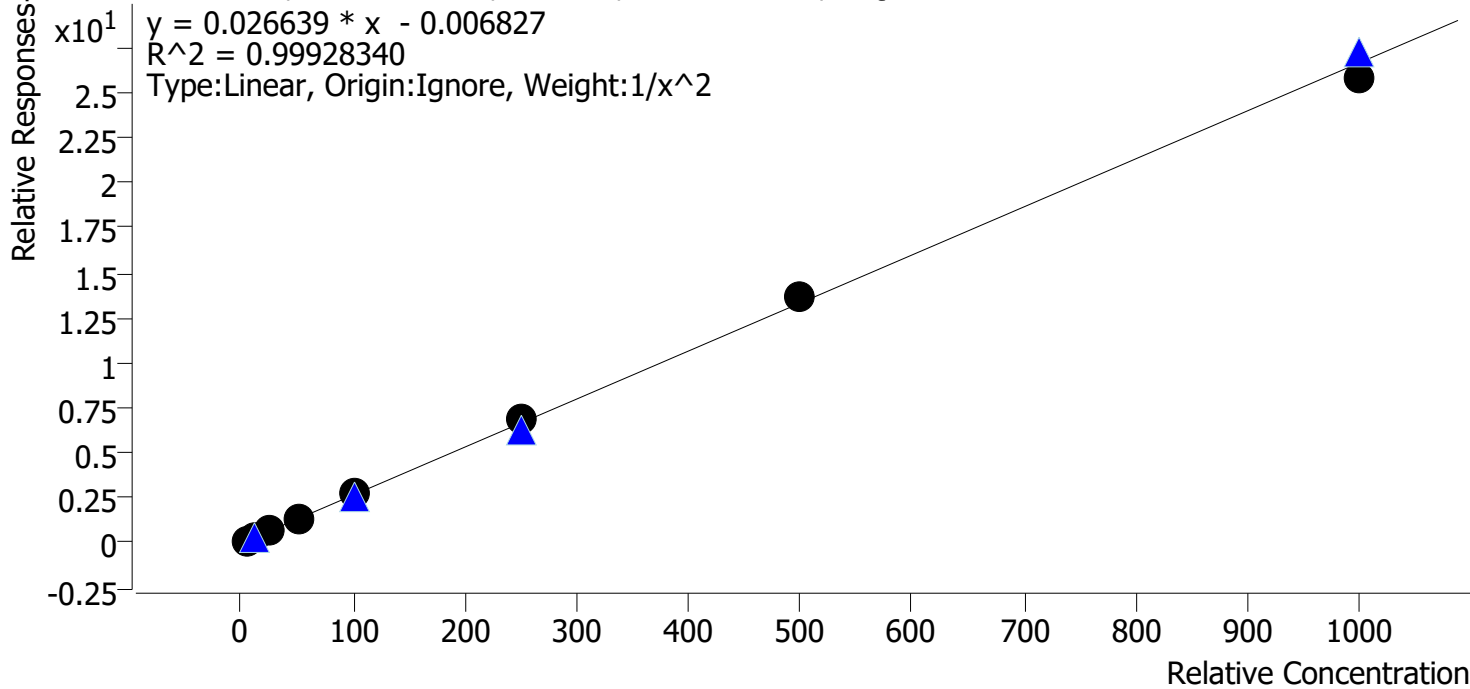
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	513.8	102.8
p1 Cal 8-1000ng	8	✓	1000.0	971.0	97.1

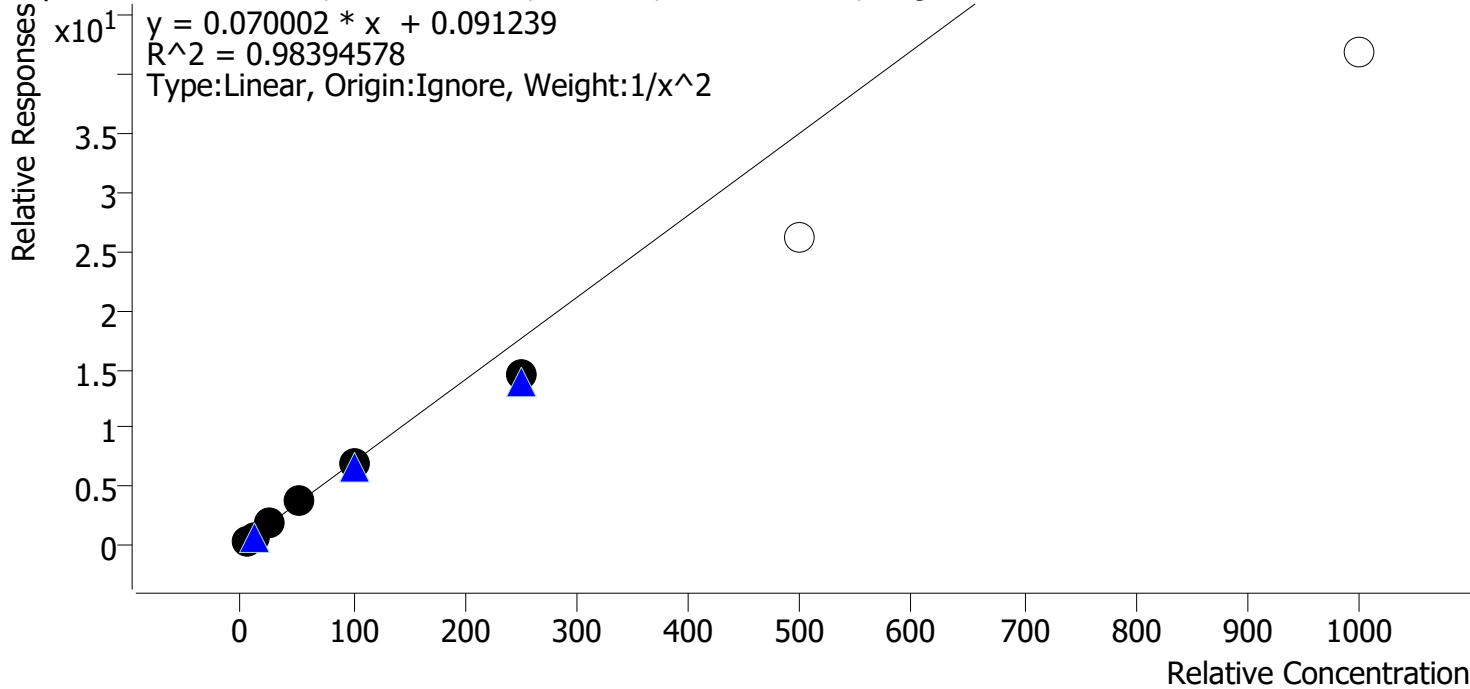
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



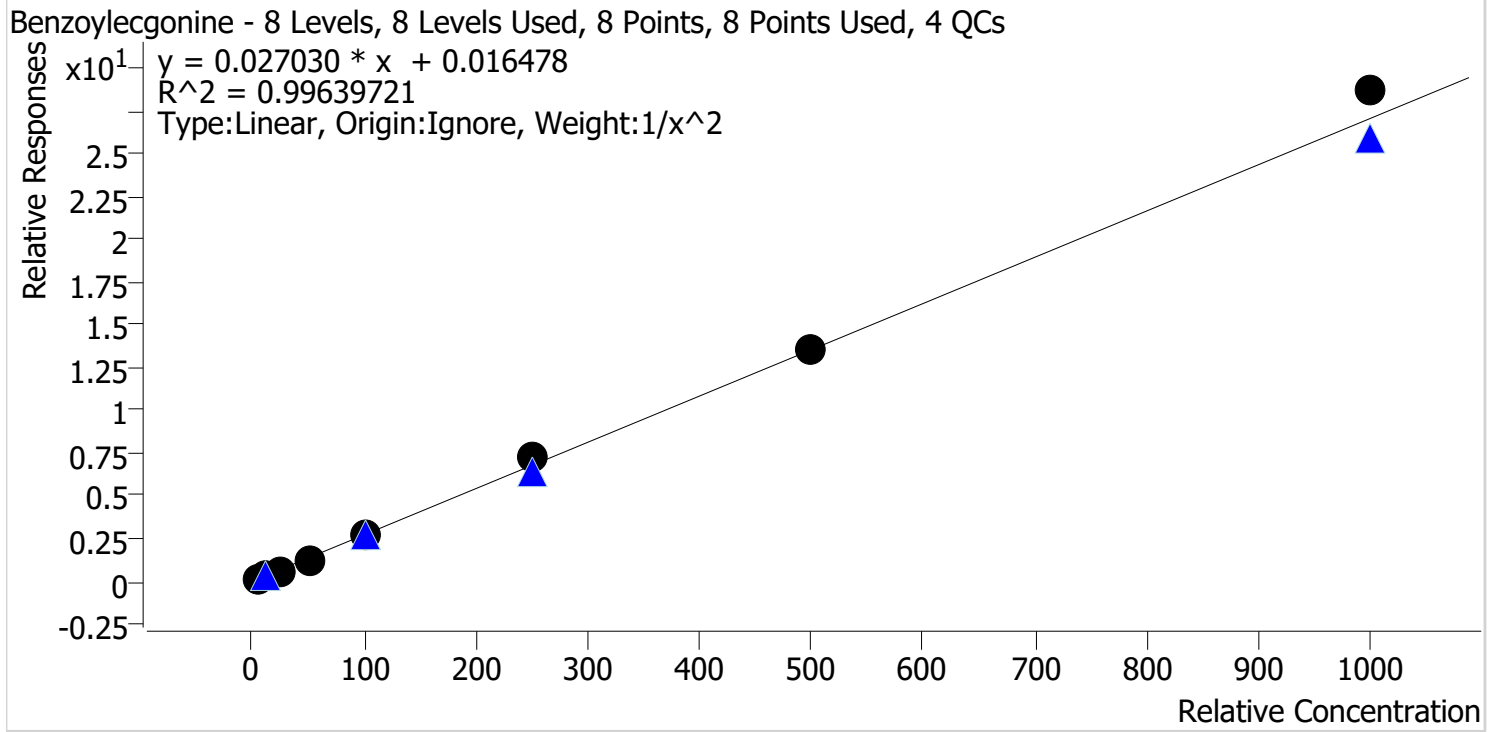
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.0
p1 Cal 4-50ng	4	✓	50.0	54.0	107.9
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	205.5	82.2
p1 Cal 7-500ng	7	x	500.0	371.4	74.3
p1 Cal 8-1000ng	8	x	1000.0	597.2	59.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



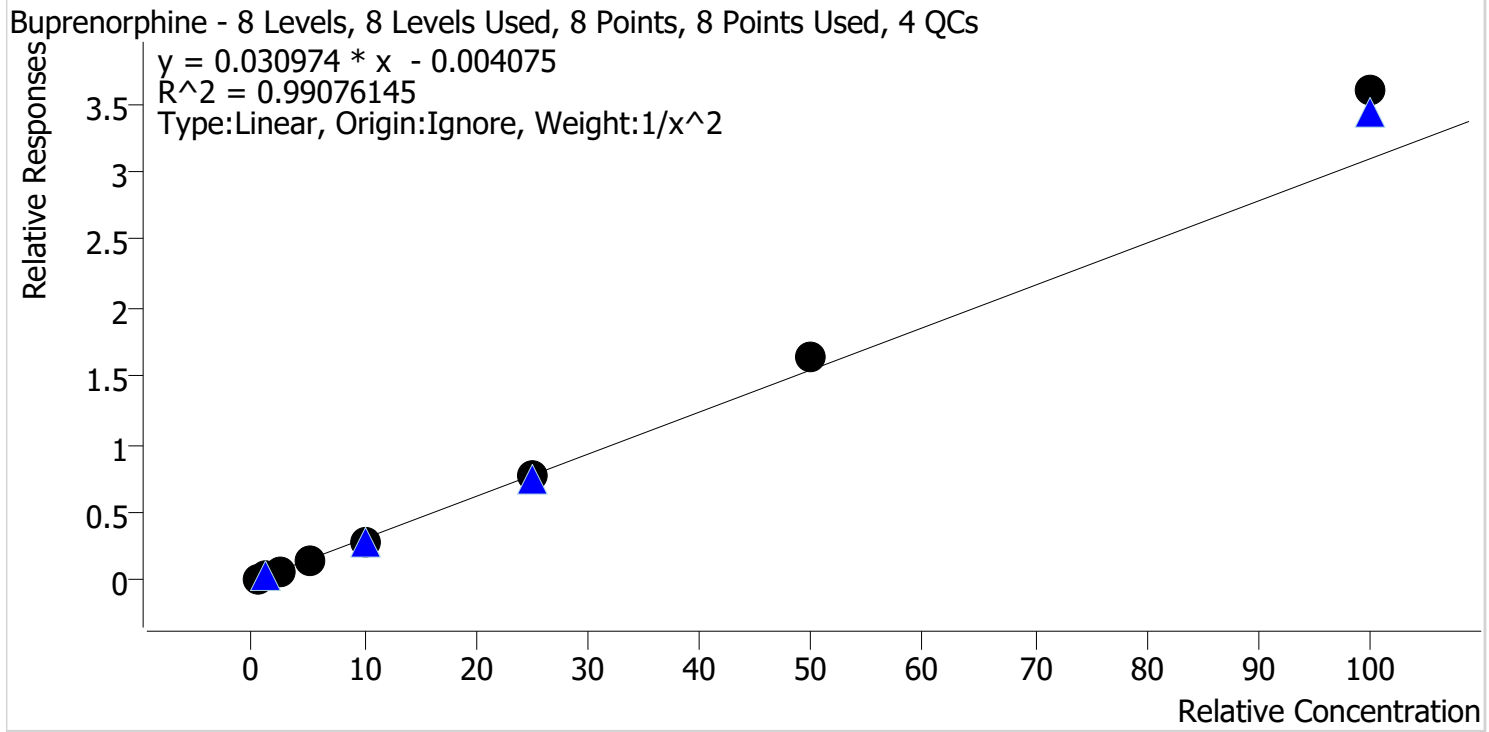
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.2
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	266.0	106.4
p1 Cal 7-500ng	7	✓	500.0	497.7	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1060.3	106.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



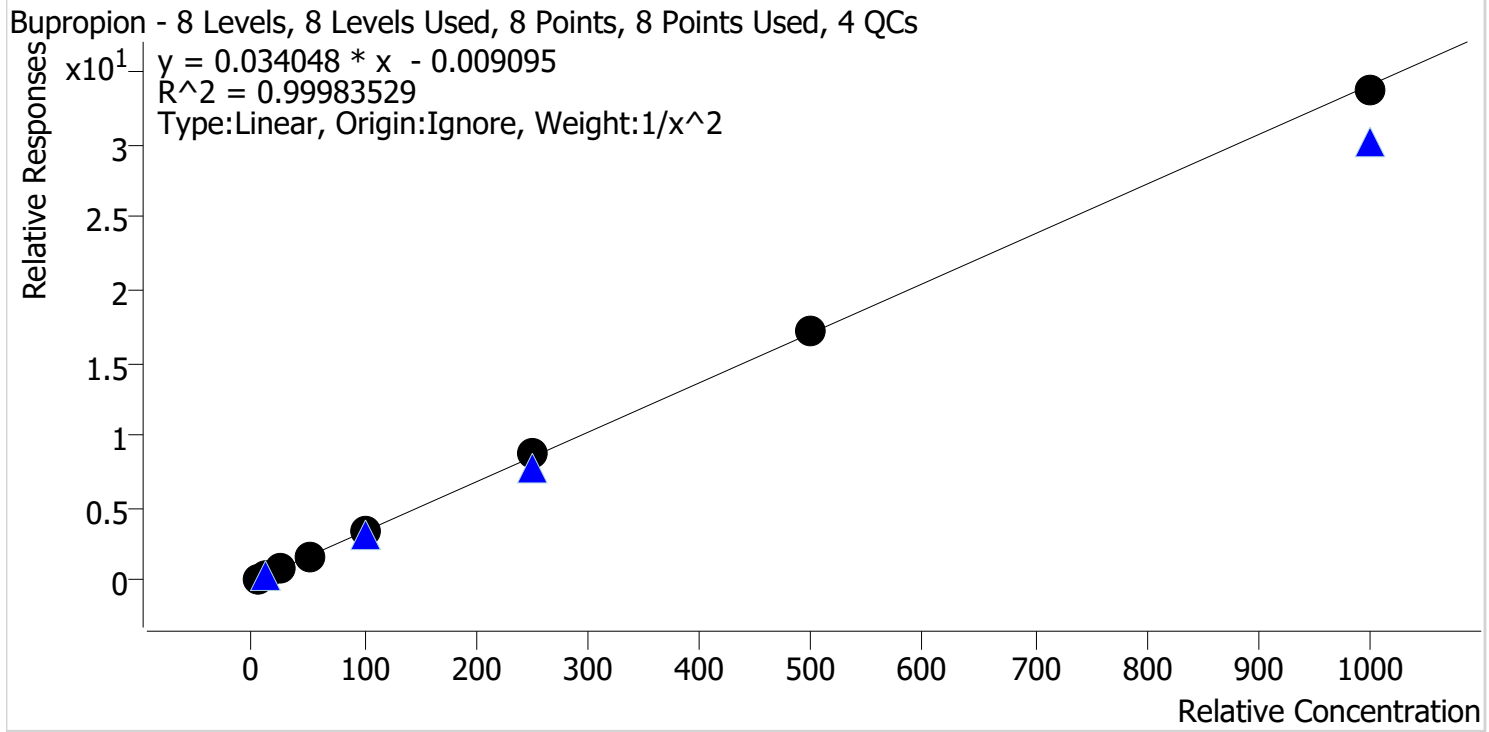
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.7
p1 Cal 2-10ng	2	✓	1.0	1.0	99.5
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.6
p1 Cal 4-50ng	4	✓	5.0	4.6	91.1
p1 Cal 5-100ng	5	✓	10.0	9.2	92.1
p1 Cal 6-250ng	6	✓	25.0	24.6	98.4
p1 Cal 7-500ng	7	✓	50.0	53.2	106.4
p1 Cal 8-1000ng	8	✓	100.0	116.1	116.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	254.1	101.7
p1 Cal 7-500ng	7	✓	500.0	505.3	101.1
p1 Cal 8-1000ng	8	✓	1000.0	988.8	98.9

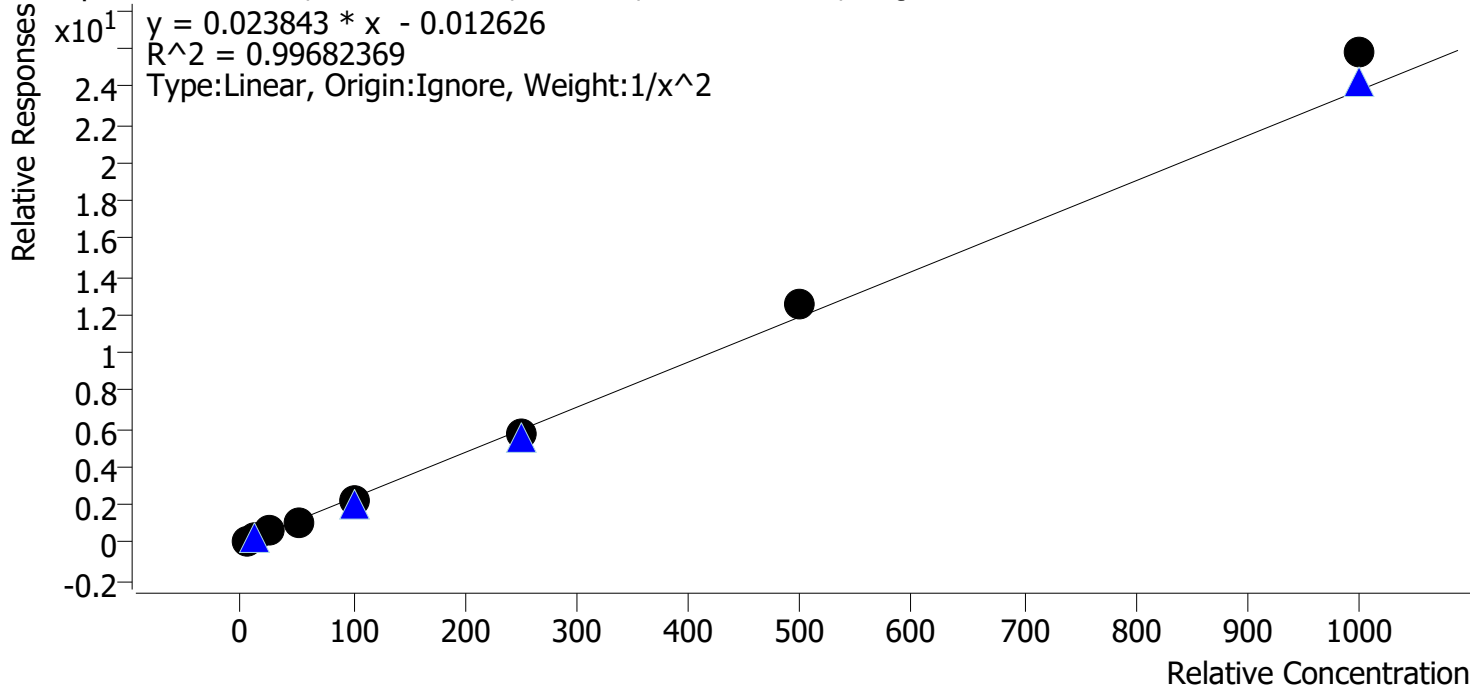
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.2	97.0
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	527.0	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1083.5	108.3

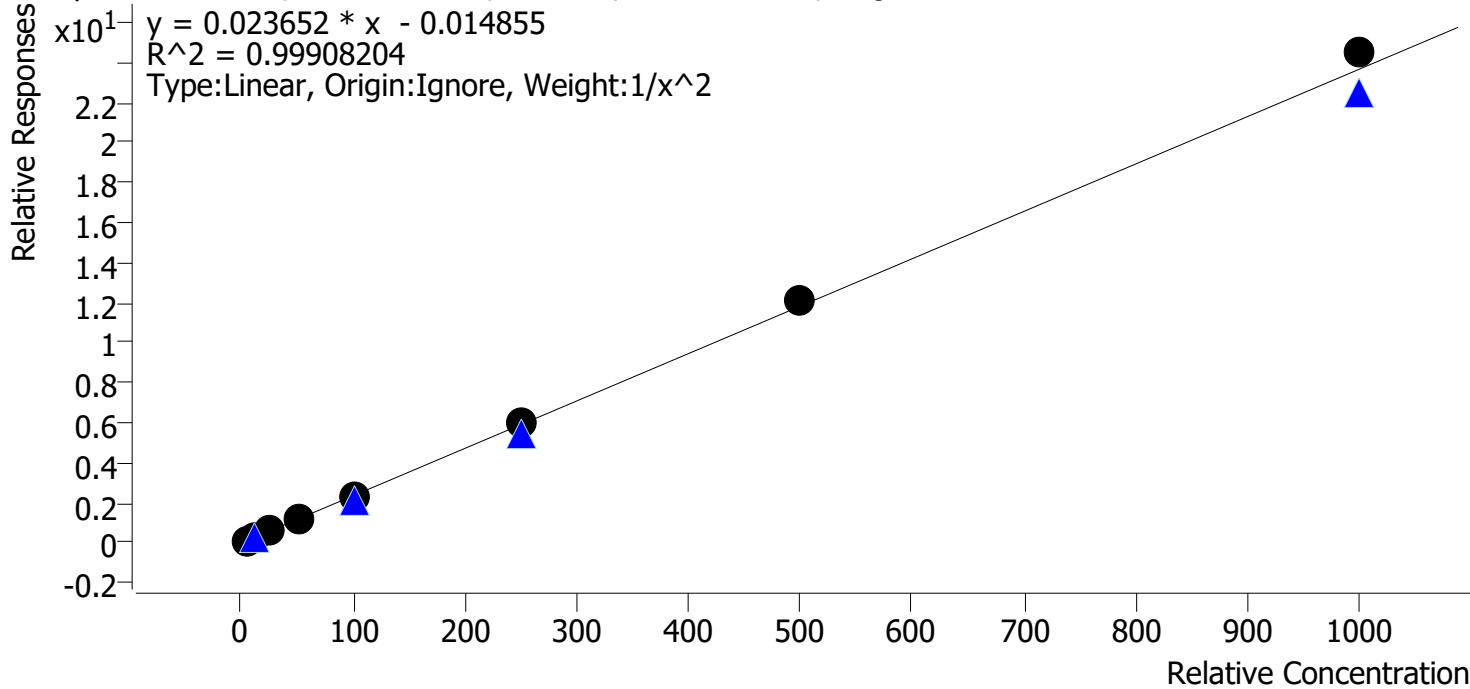
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



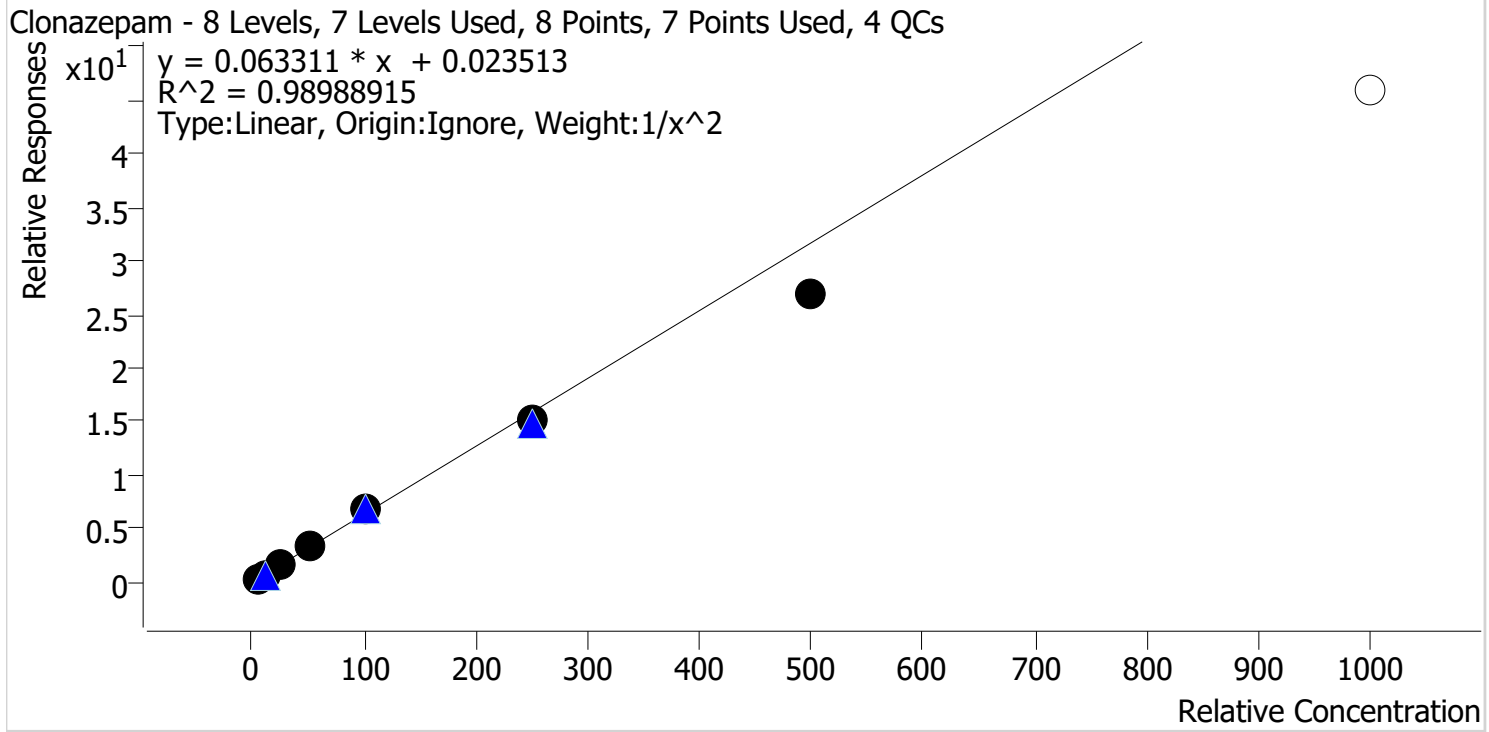
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	513.6	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1035.1	103.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	239.6	95.8
p1 Cal 7-500ng	7	✓	500.0	422.2	84.4
p1 Cal 8-1000ng	8	✗	1000.0	724.2	72.4

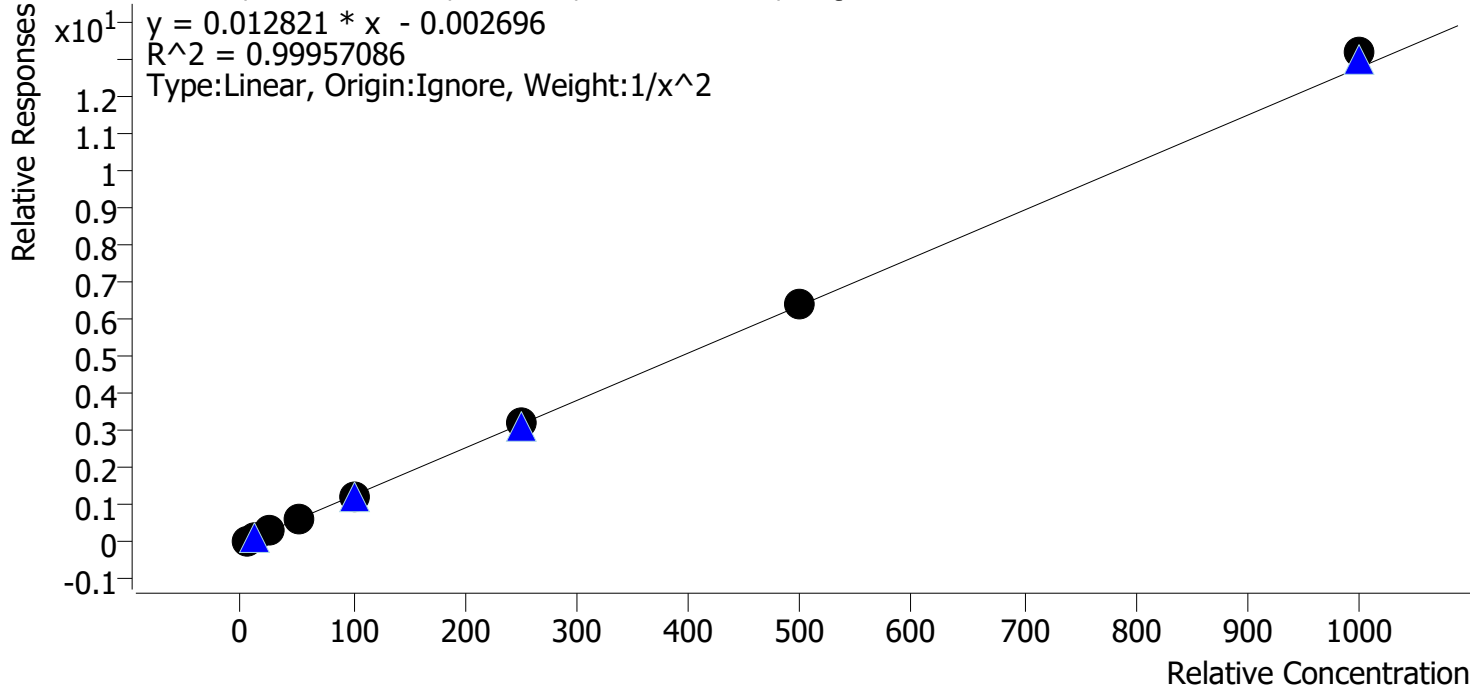
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	505.5	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1031.8	103.2

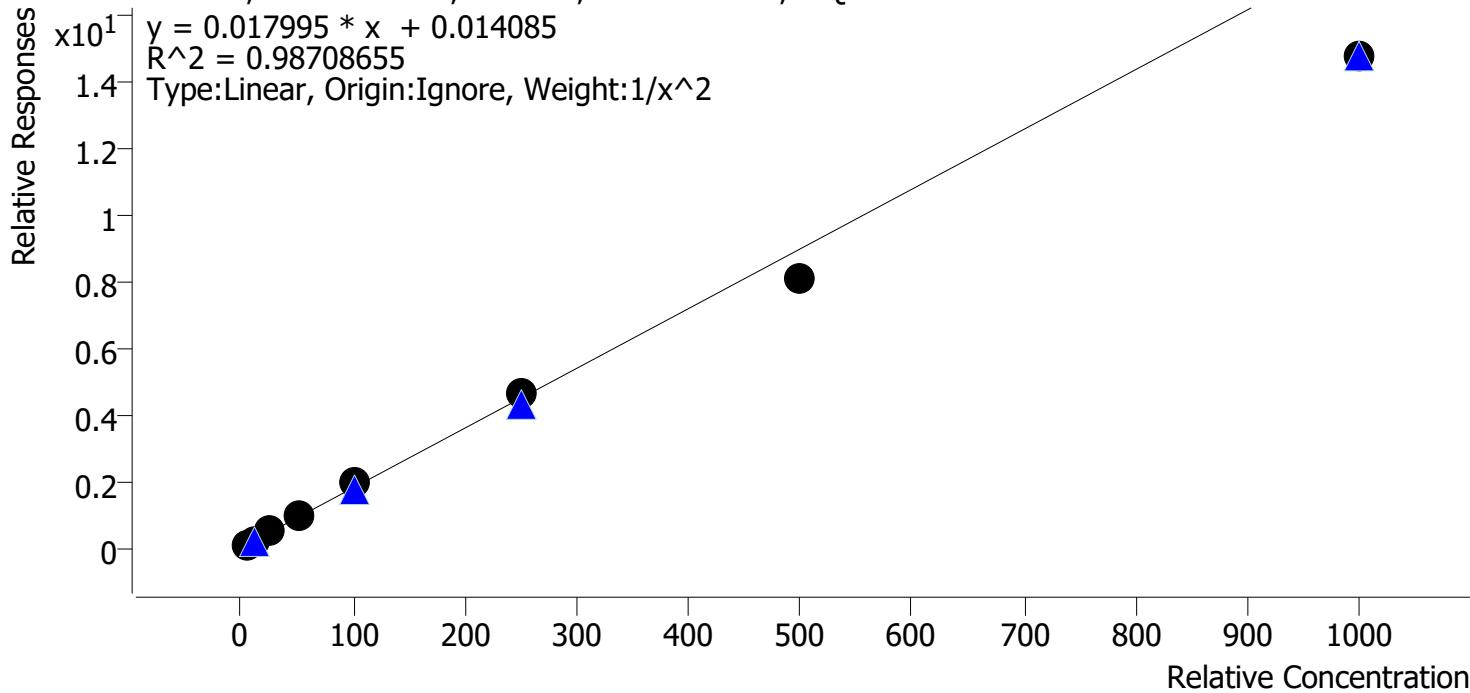
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

Codeine - 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	94.9
p1 Cal 2-10ng	2	✓	10.0	10.5	104.5
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.6
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	259.1	103.6
p1 Cal 7-500ng	7	✓	500.0	449.2	89.8
p1 Cal 8-1000ng	8	✓	1000.0	821.8	82.2

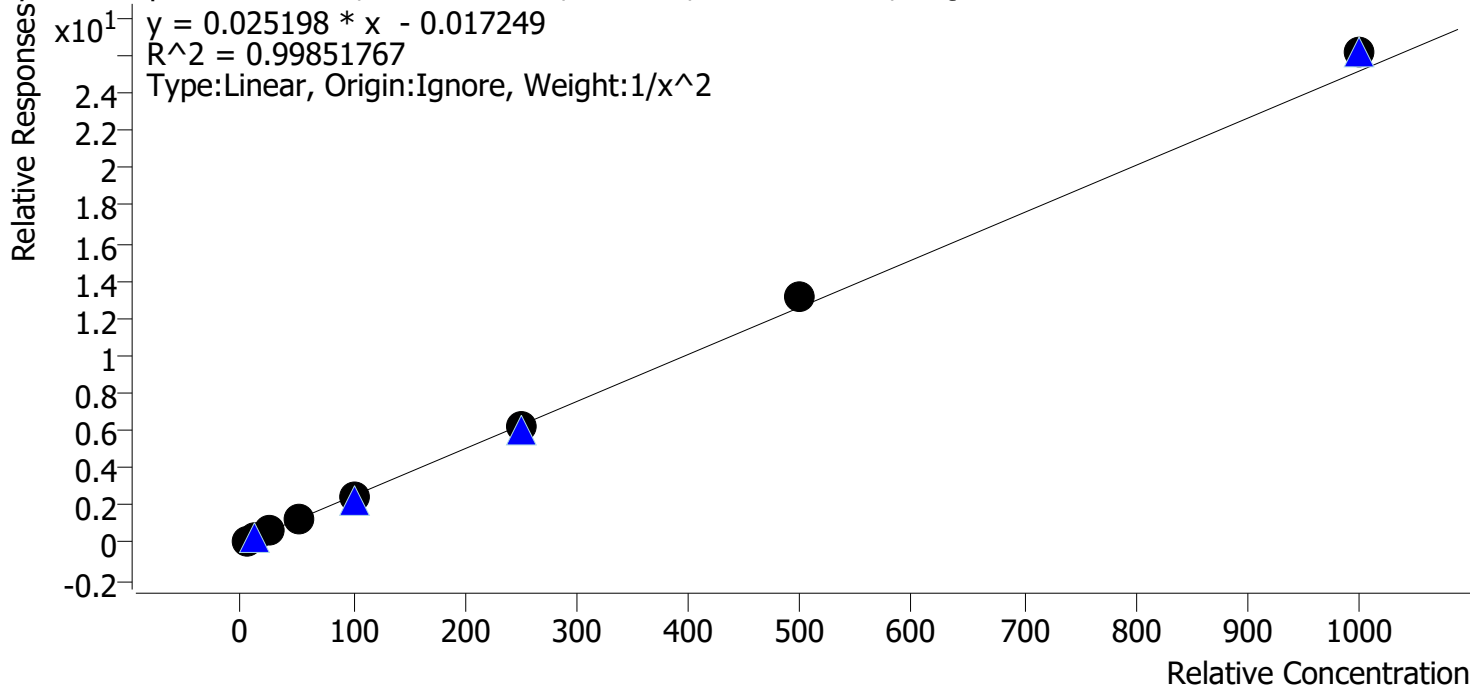
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	525.3	105.1
p1 Cal 8-1000ng	8	✓	1000.0	1039.2	103.9

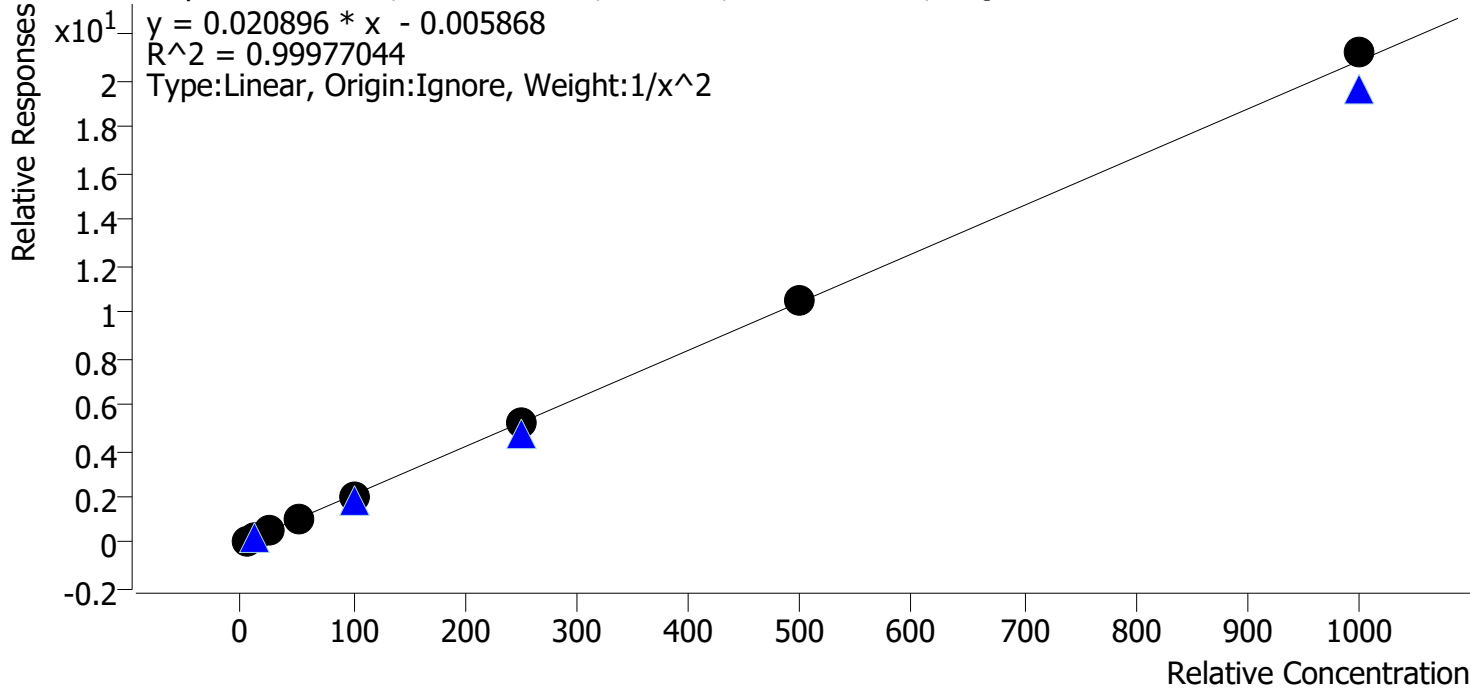
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



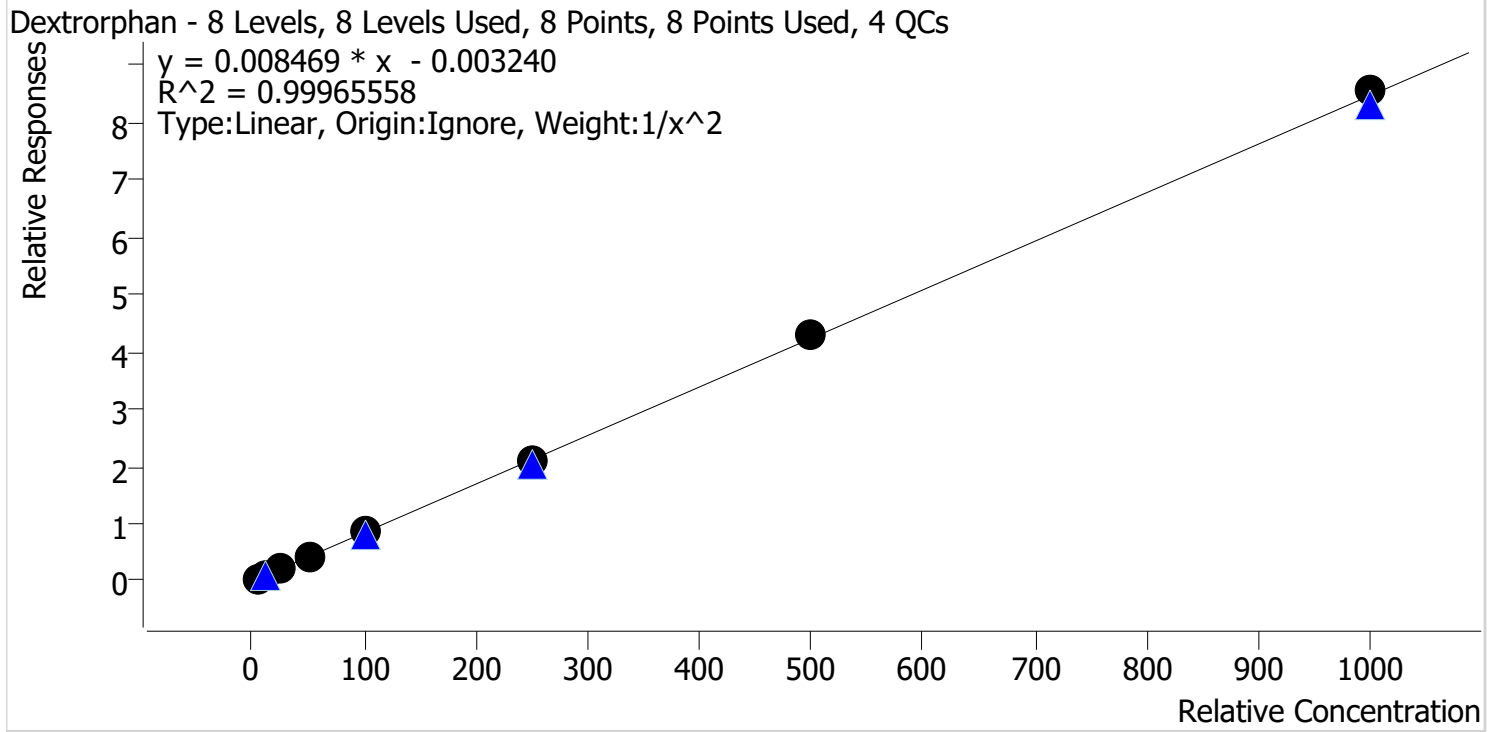
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	502.8	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1017.2	101.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



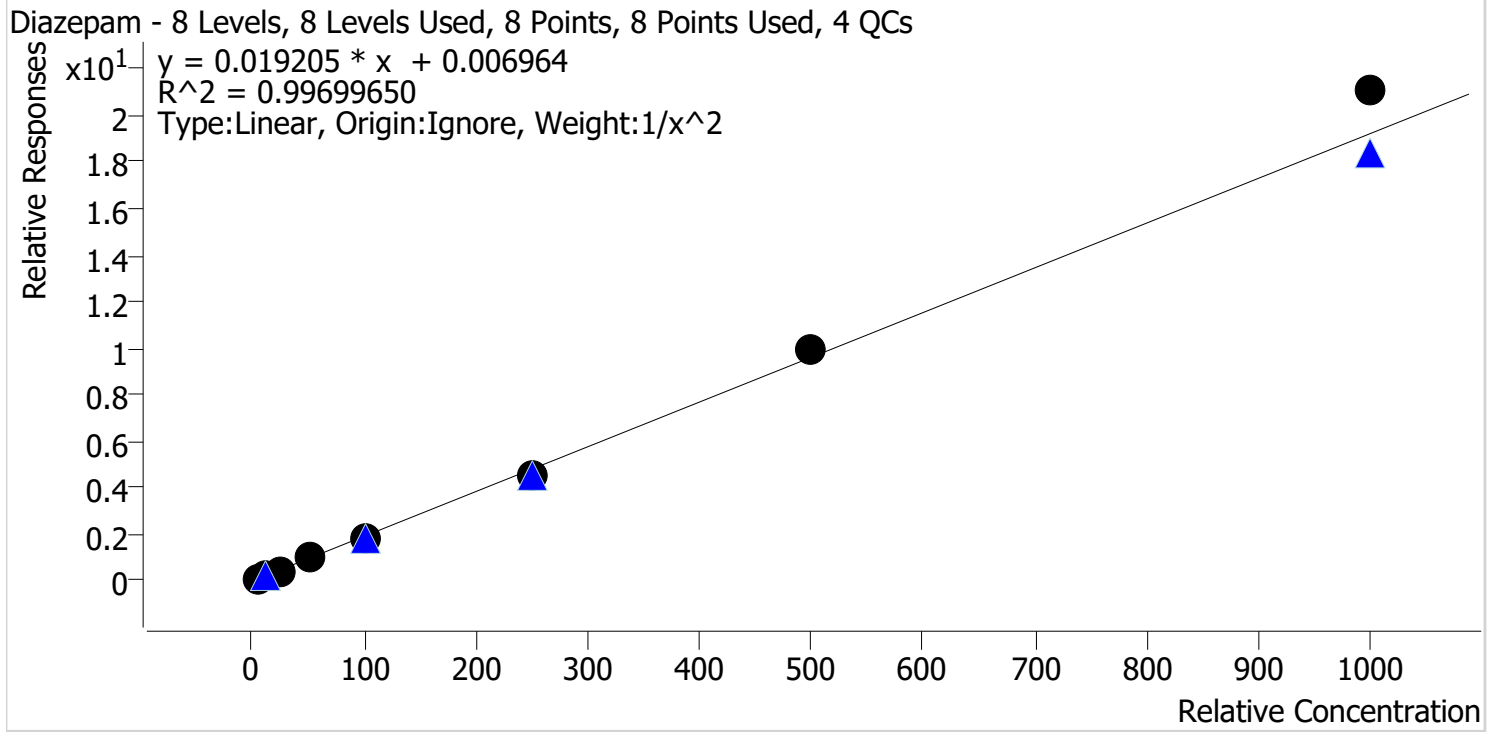
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1010.3	101.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	238.7	95.5
p1 Cal 7-500ng	7	✓	500.0	514.9	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1096.1	109.6

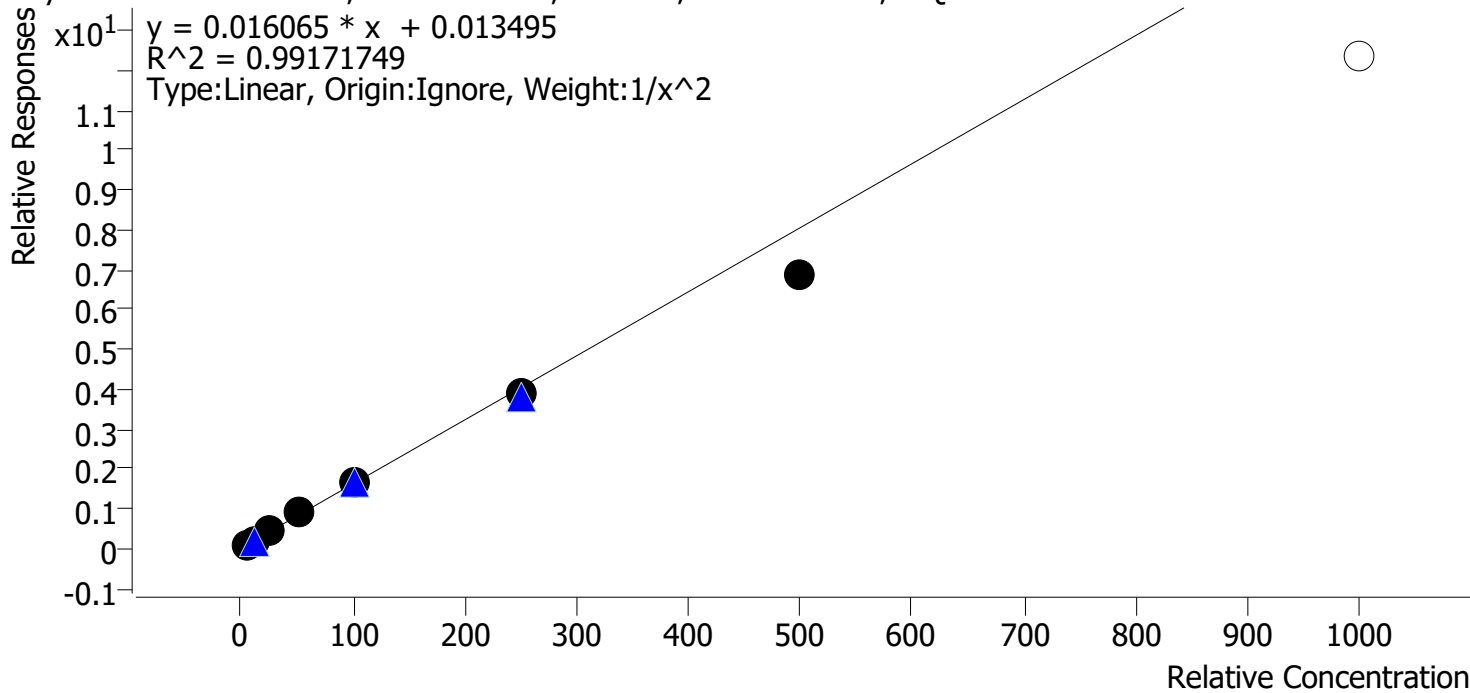
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



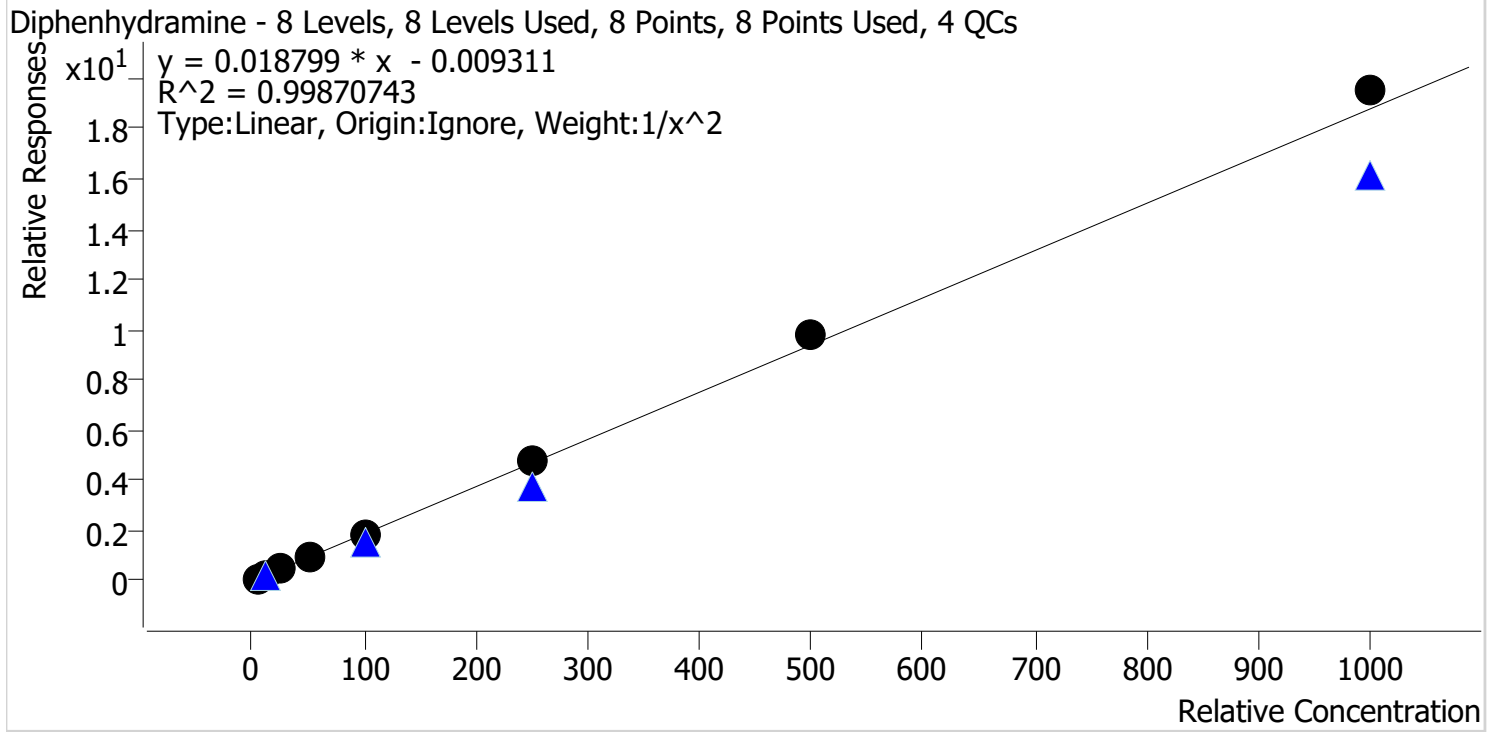
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.0
p1 Cal 4-50ng	4	✓	50.0	54.2	108.5
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	243.9	97.6
p1 Cal 7-500ng	7	✓	500.0	427.1	85.4
p1 Cal 8-1000ng	8	x	1000.0	767.1	76.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	251.9	100.7
p1 Cal 7-500ng	7	✓	500.0	519.6	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1038.8	103.9

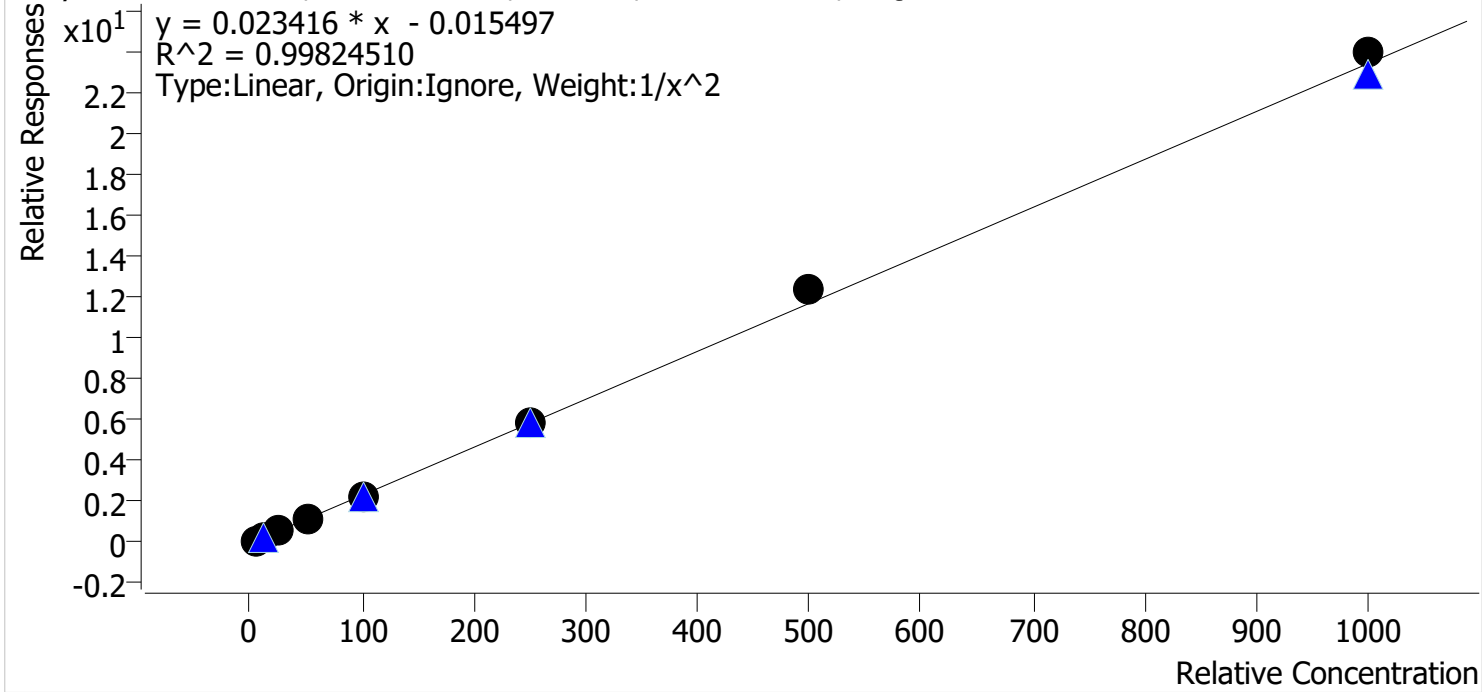
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
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	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	530.9	106.2
p1 Cal 8-1000ng	8	✓	1000.0	1022.9	102.3

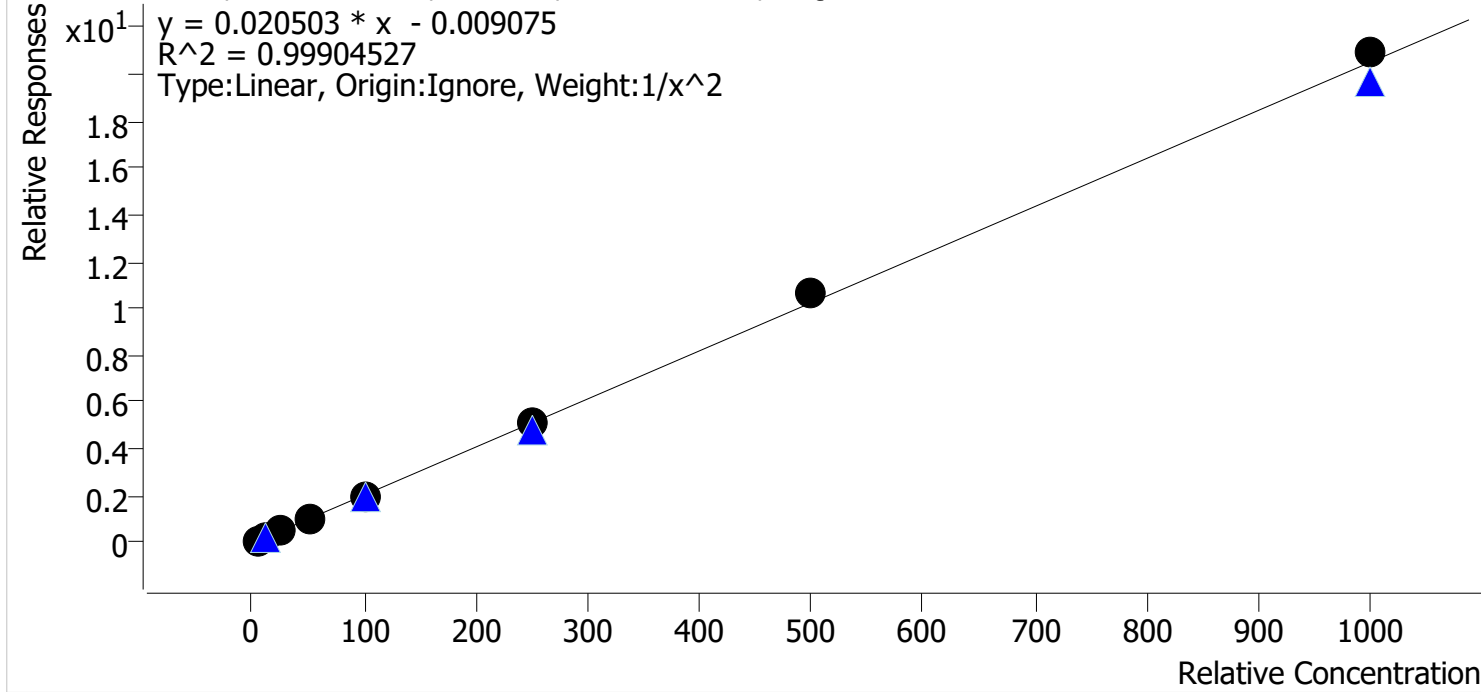
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	521.7	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1020.2	102.0

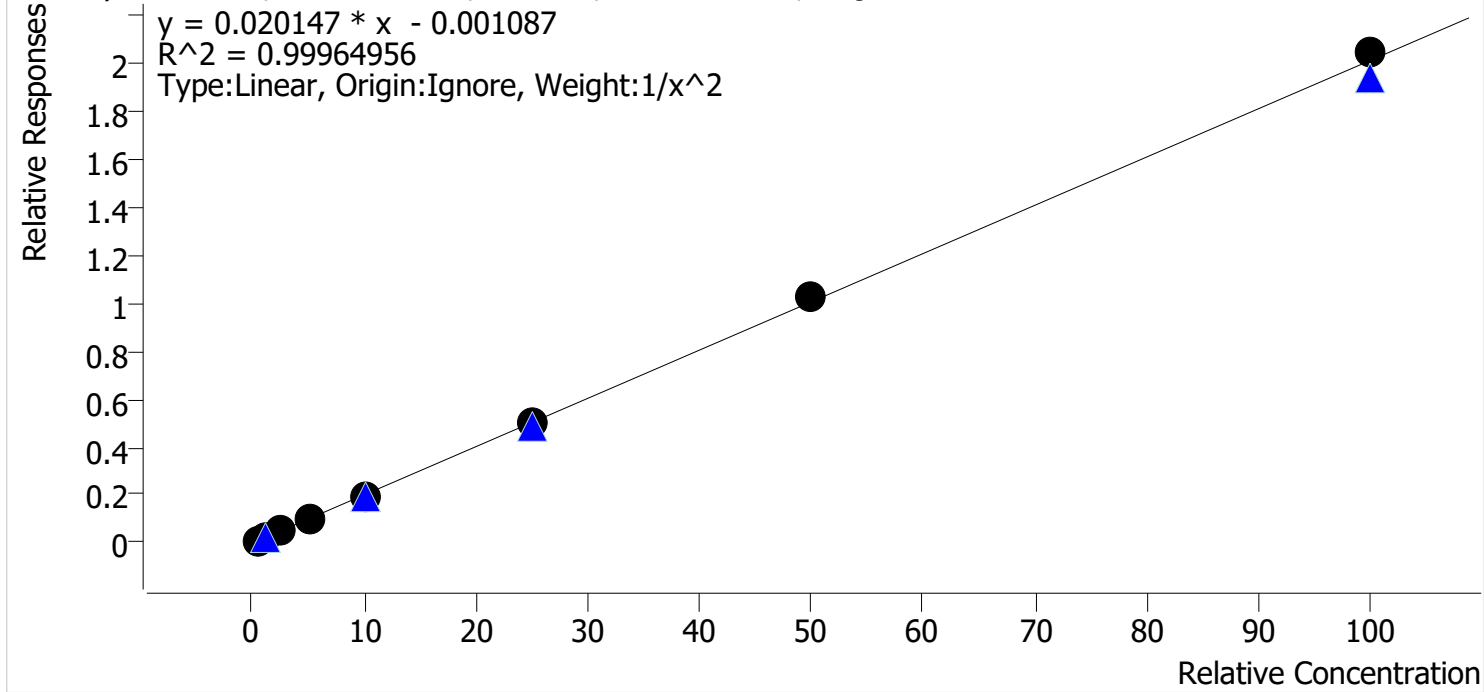
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.8
p1 Cal 2-10ng	2	✓	1.0	1.0	99.2
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.2
p1 Cal 4-50ng	4	✓	5.0	5.0	100.4
p1 Cal 5-100ng	5	✓	10.0	9.8	98.3
p1 Cal 6-250ng	6	✓	25.0	24.7	98.9
p1 Cal 7-500ng	7	✓	50.0	51.3	102.6
p1 Cal 8-1000ng	8	✓	100.0	101.6	101.6

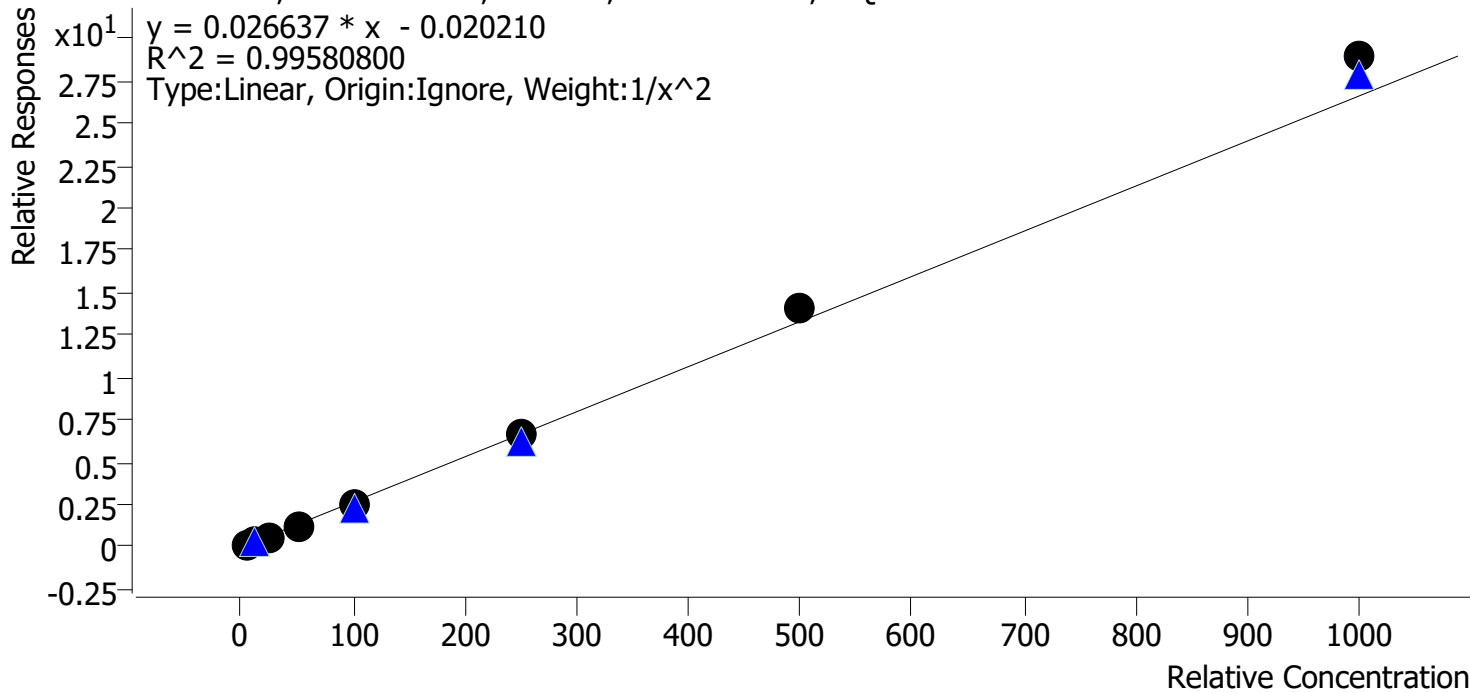
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



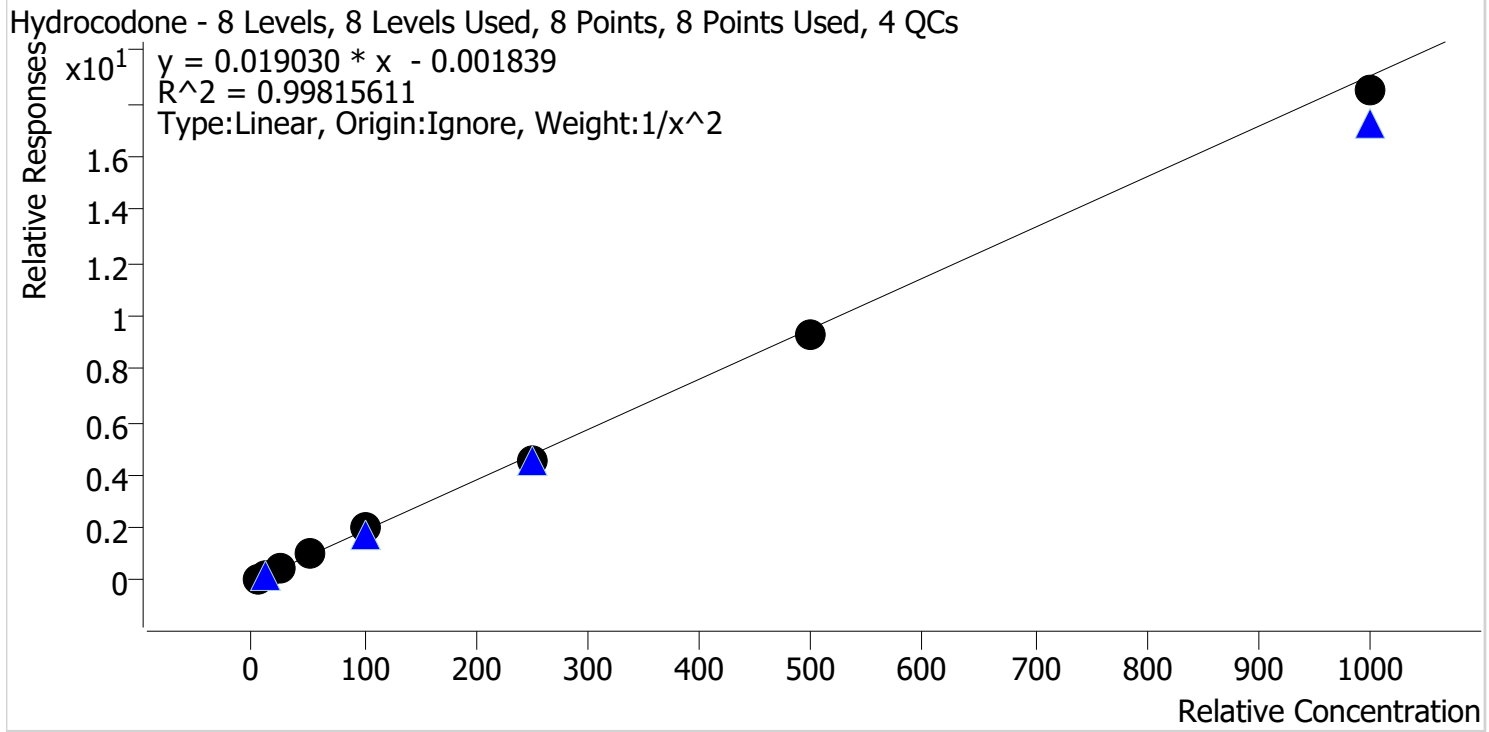
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.4
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	533.7	106.7
p1 Cal 8-1000ng	8	✓	1000.0	1087.2	108.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	237.8	95.1
p1 Cal 7-500ng	7	✓	500.0	488.7	97.7
p1 Cal 8-1000ng	8	✓	1000.0	970.8	97.1

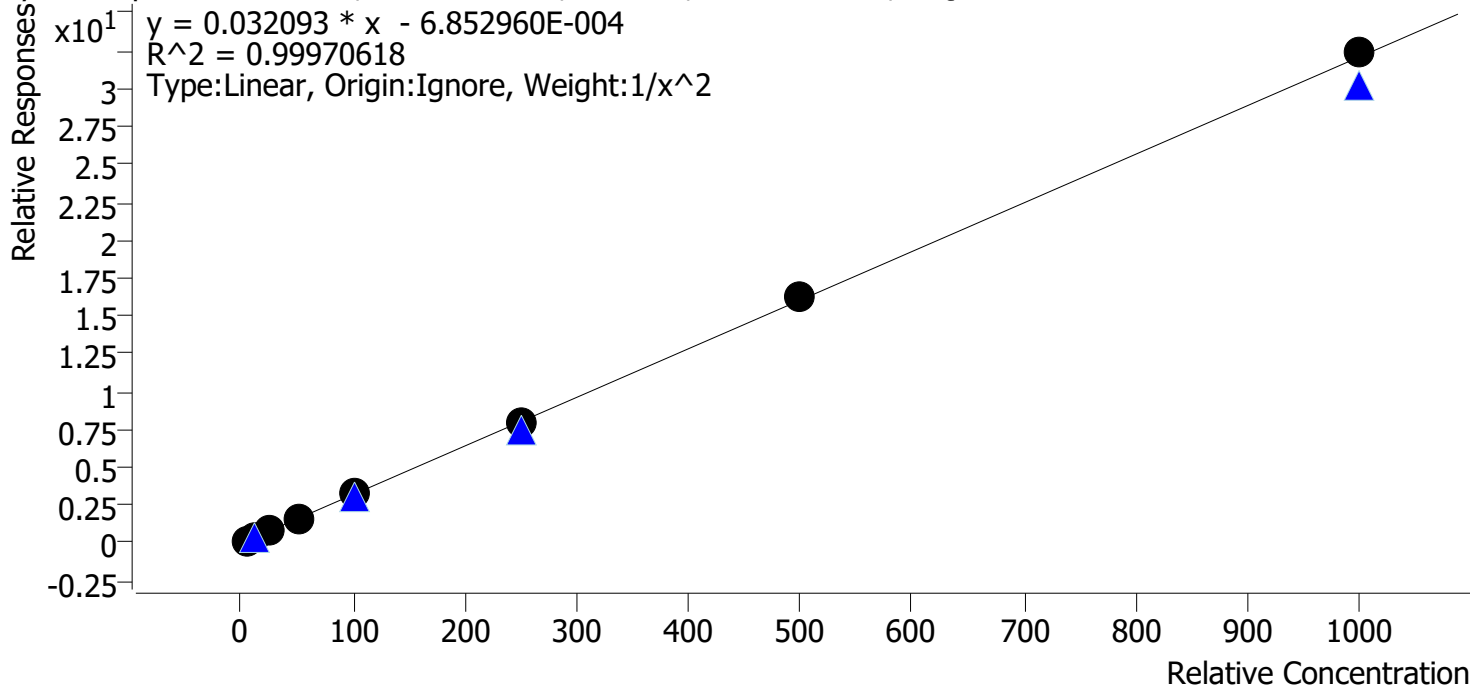
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



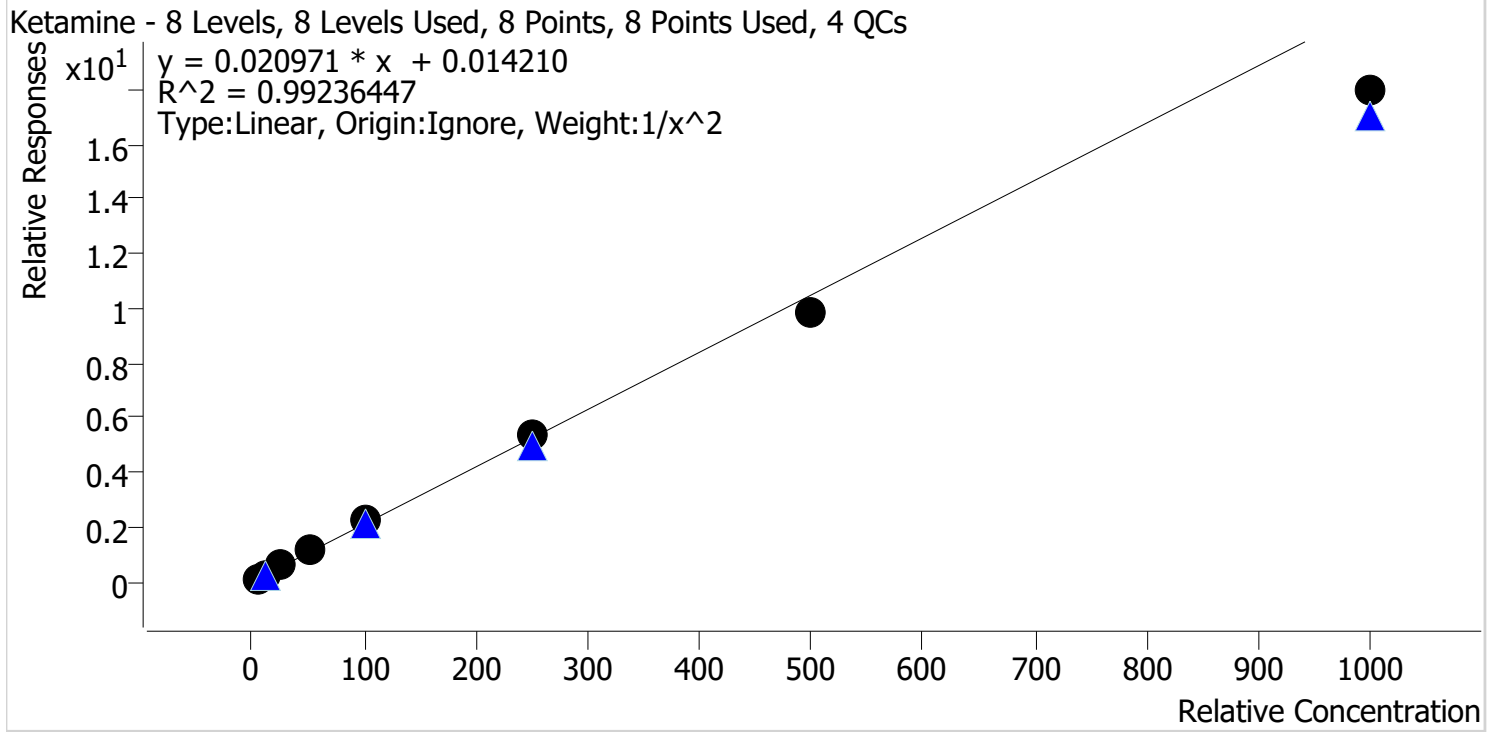
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	509.1	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1009.2	100.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



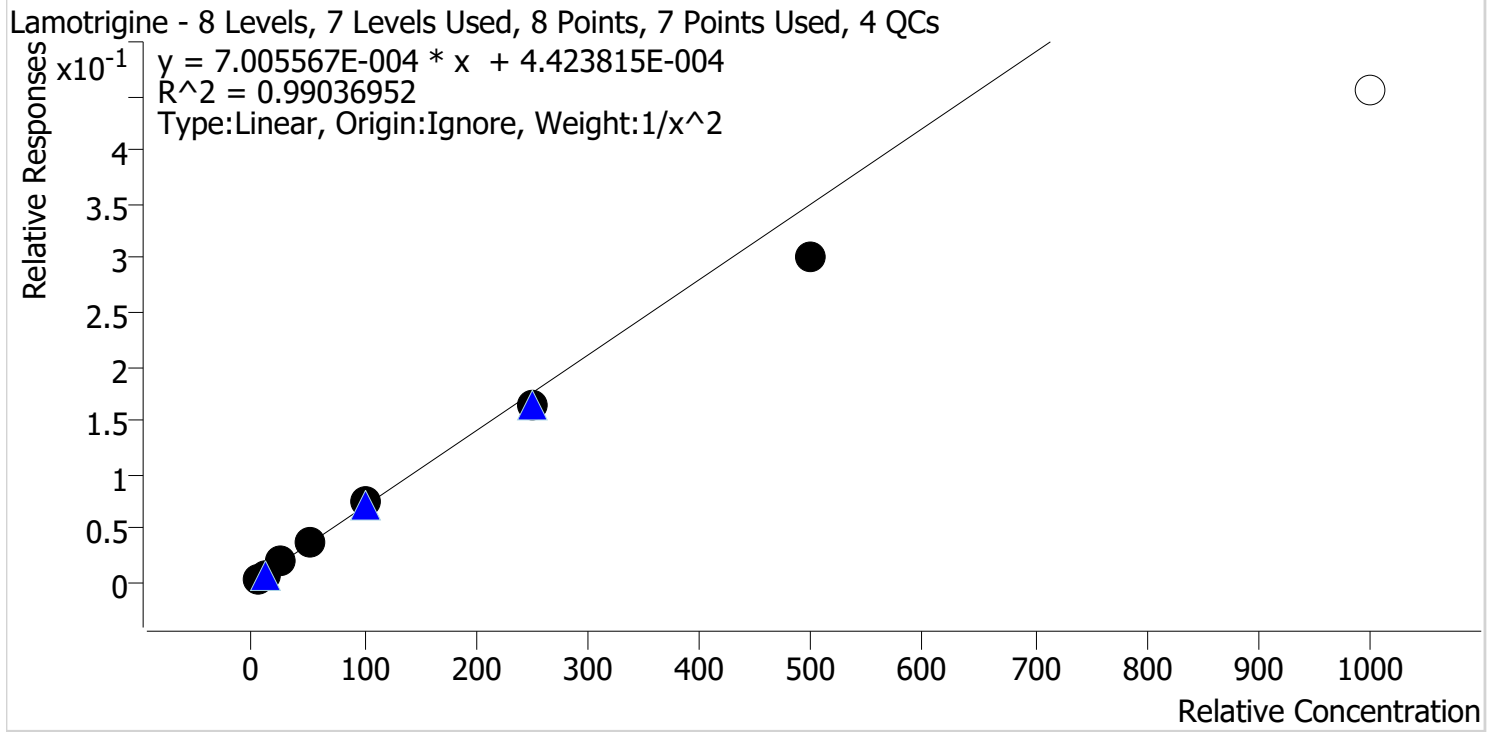
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	26.7	107.0
p1 Cal 4-50ng	4	✓	50.0	53.3	106.5
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	469.2	93.8
p1 Cal 8-1000ng	8	✓	1000.0	856.6	85.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.2
p1 Cal 4-50ng	4	✓	50.0	54.0	107.9
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	235.0	94.0
p1 Cal 7-500ng	7	✓	500.0	429.7	85.9
p1 Cal 8-1000ng	8	✗	1000.0	649.5	64.9

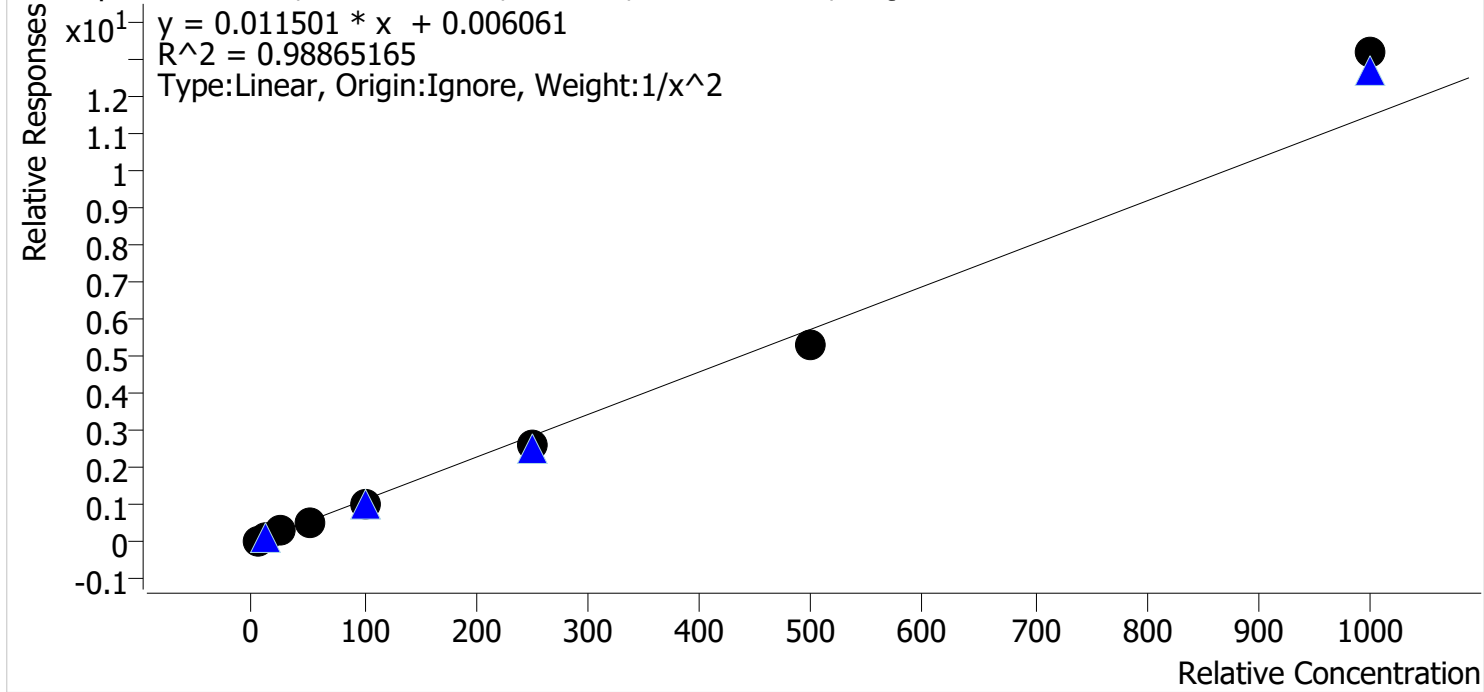
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



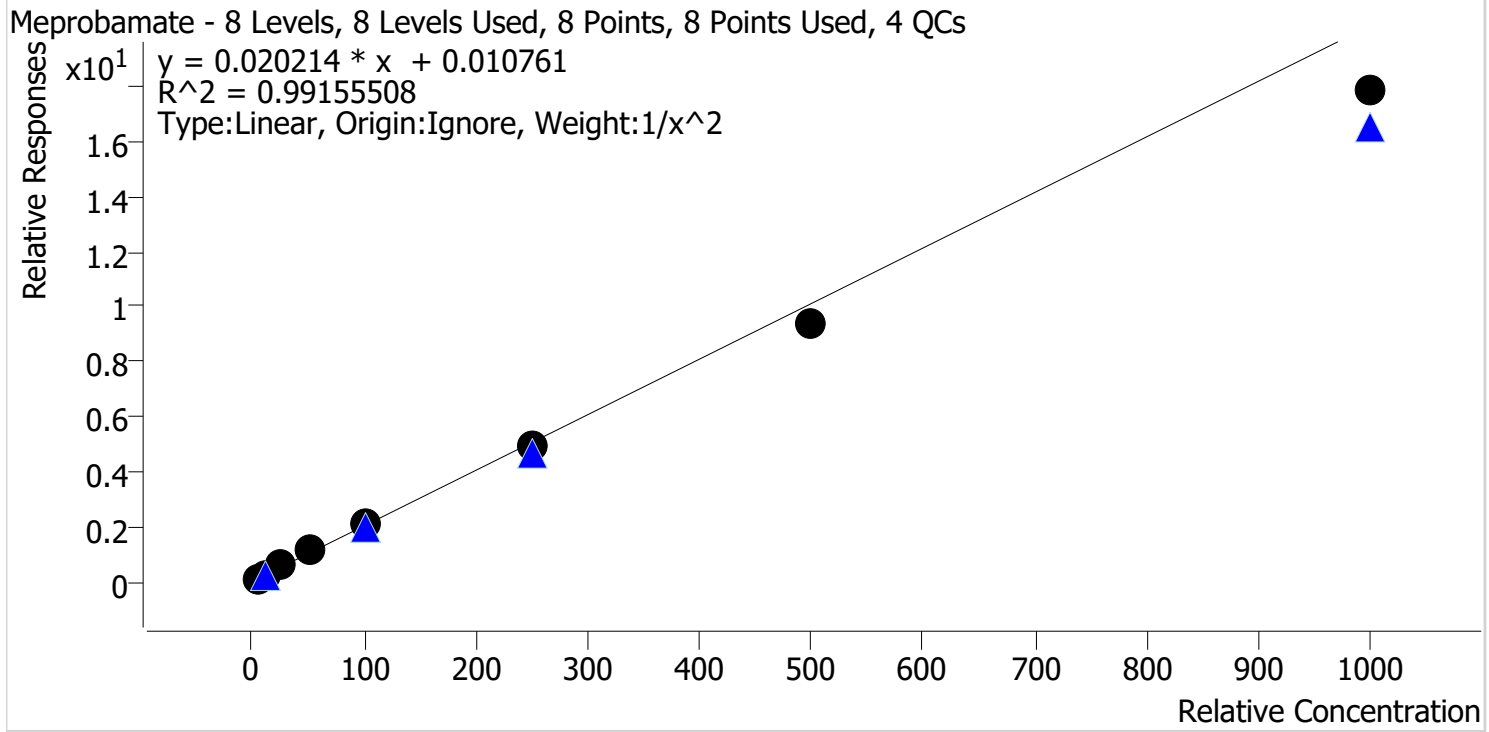
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.3
p1 Cal 2-10ng	2	✓	10.0	11.1	110.6
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	91.7	91.7
p1 Cal 6-250ng	6	✓	250.0	225.6	90.2
p1 Cal 7-500ng	7	✓	500.0	462.2	92.4
p1 Cal 8-1000ng	8	✓	1000.0	1147.4	114.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.2
p1 Cal 4-50ng	4	✓	50.0	54.9	109.7
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	242.7	97.1
p1 Cal 7-500ng	7	✓	500.0	462.6	92.5
p1 Cal 8-1000ng	8	✓	1000.0	883.3	88.3

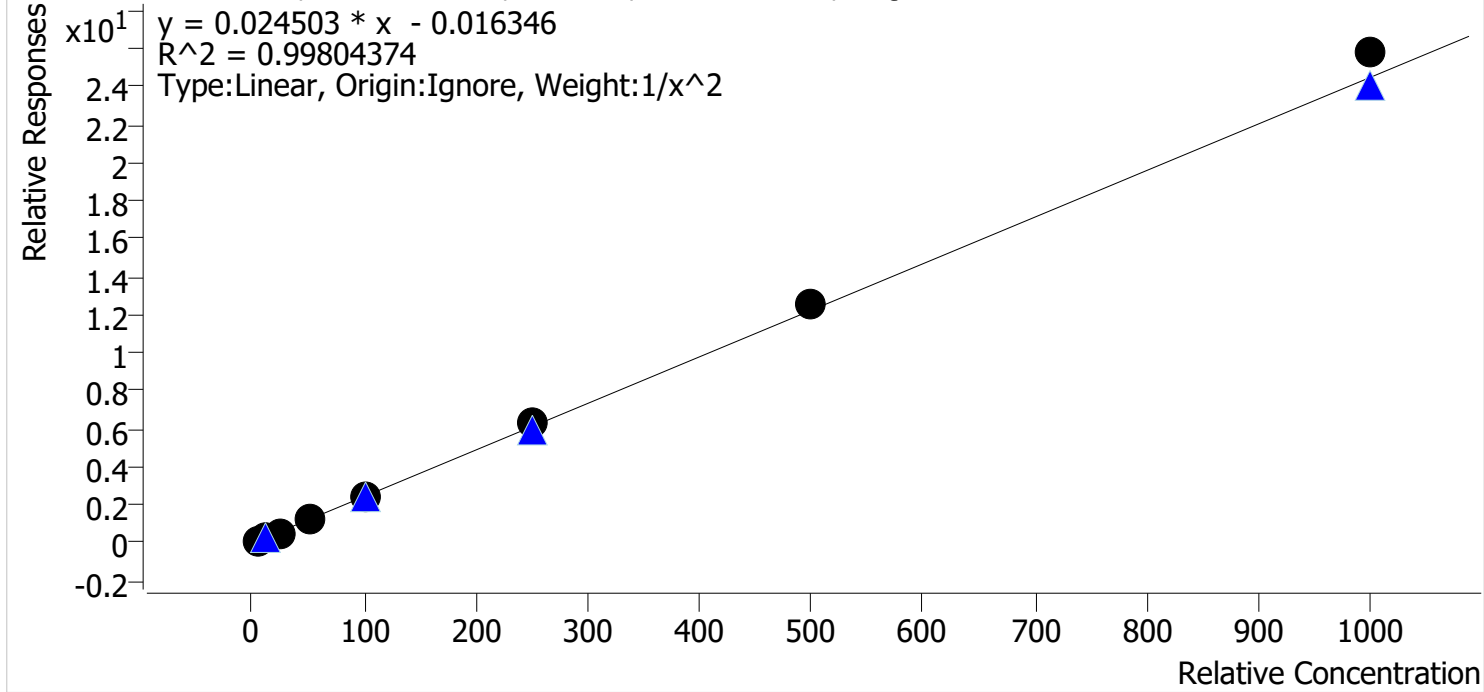
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

Methadone - 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	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.6
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	255.8	102.3
p1 Cal 7-500ng	7	✓	500.0	516.5	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1053.3	105.3

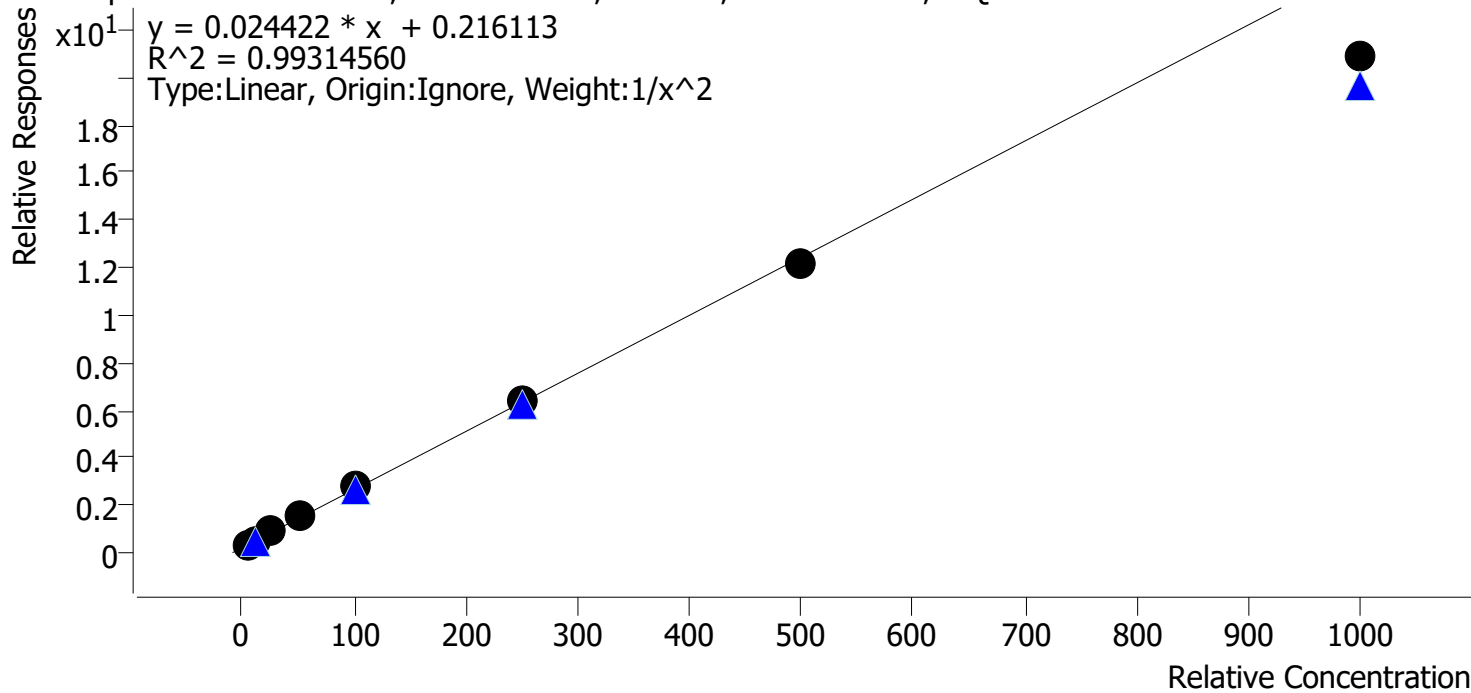
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	106.9	106.9
p1 Cal 6-250ng	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	485.9	97.2
p1 Cal 8-1000ng	8	✓	1000.0	845.5	84.5

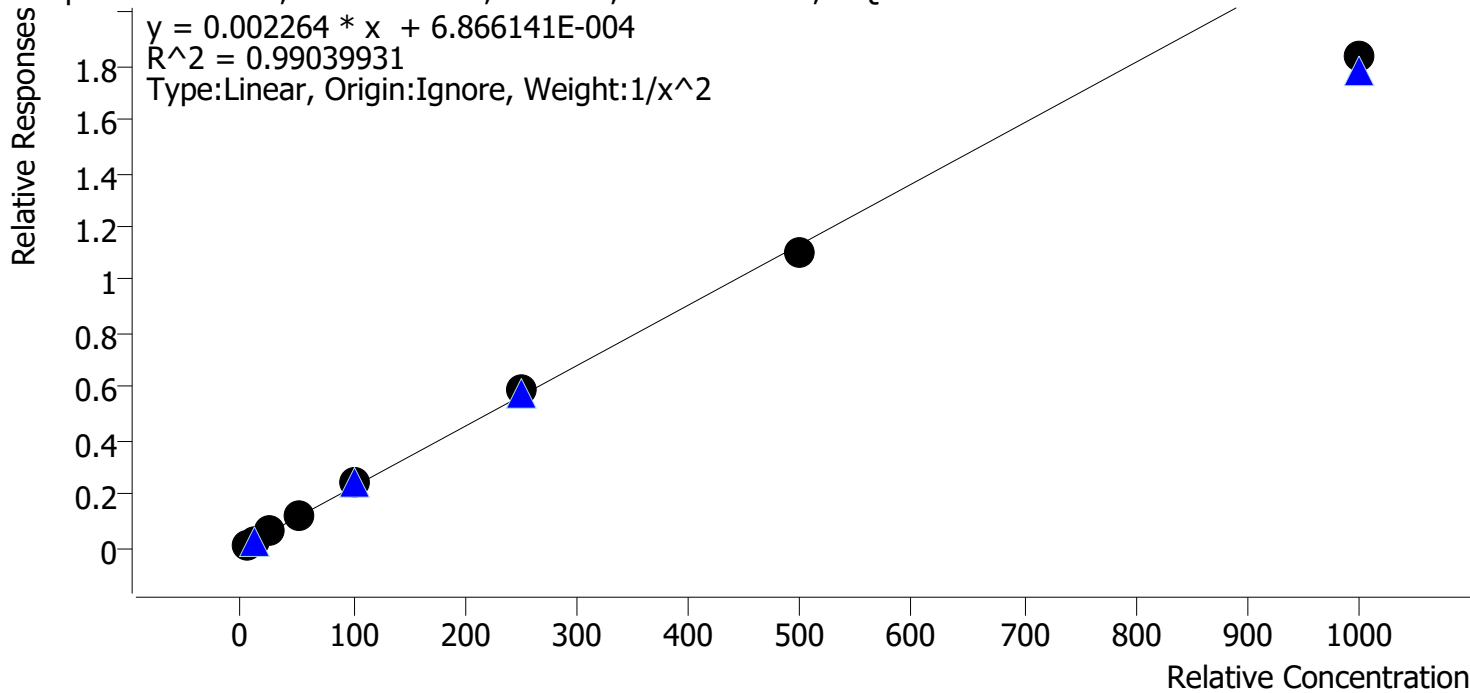
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



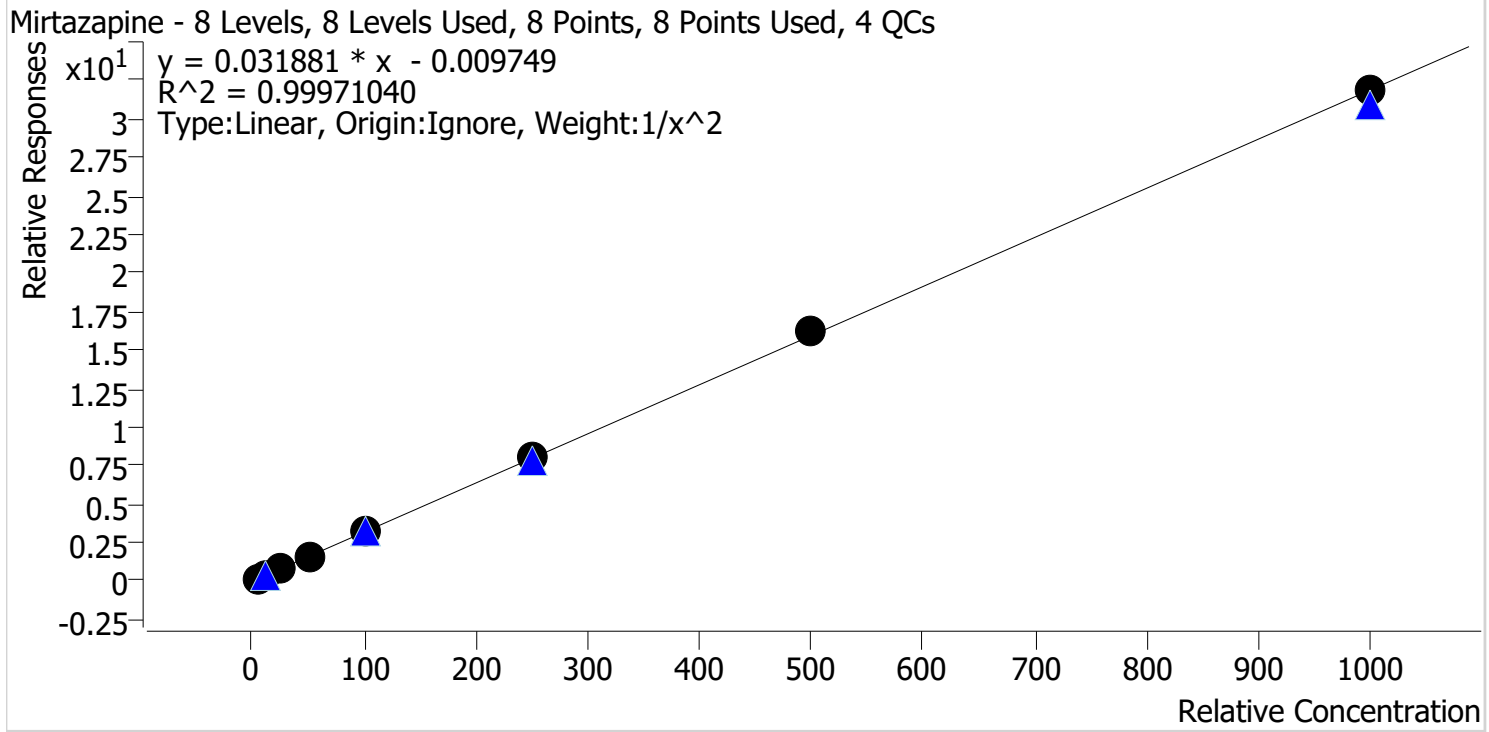
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	263.3	105.3
p1 Cal 7-500ng	7	✓	500.0	487.0	97.4
p1 Cal 8-1000ng	8	✓	1000.0	809.6	81.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8



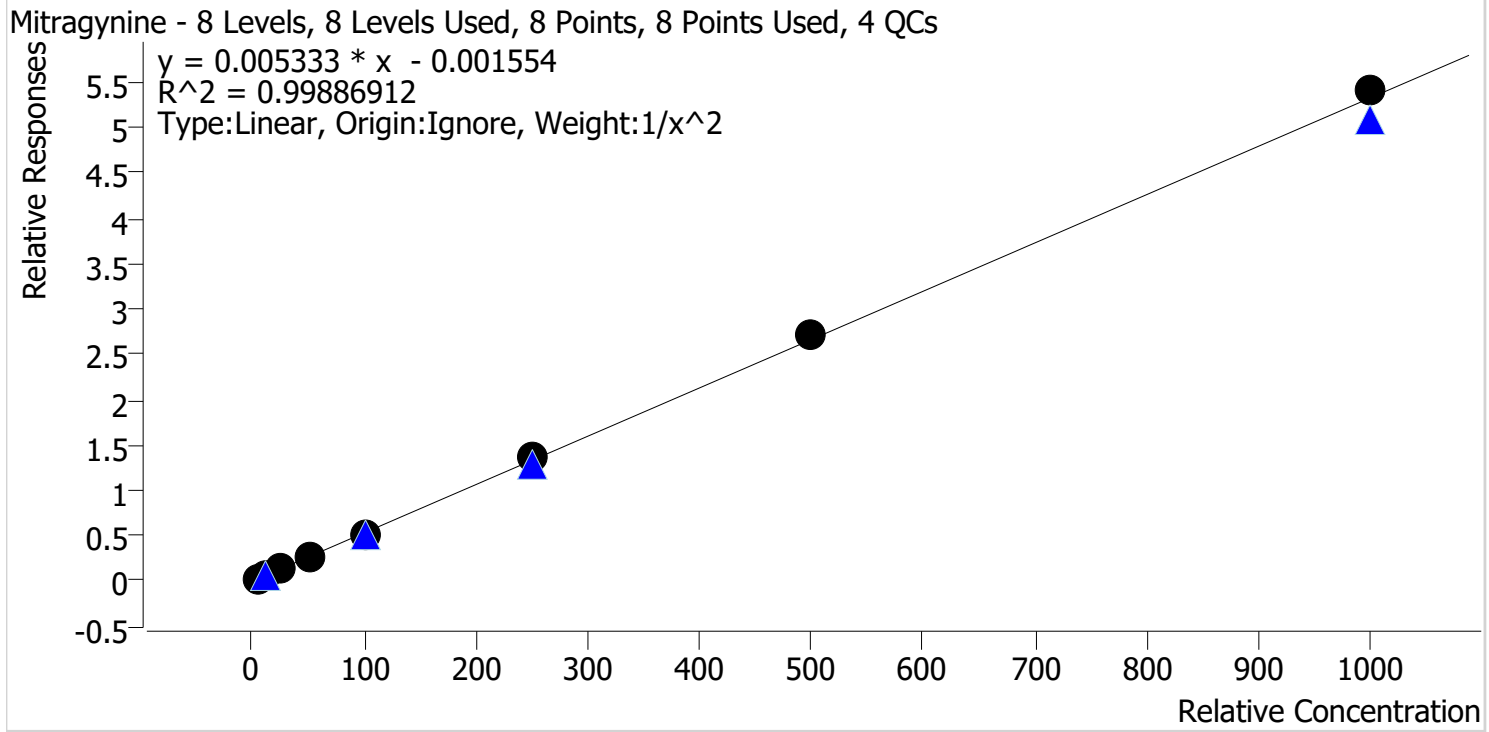
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	512.4	102.5
p1 Cal 8-1000ng	8	✓	1000.0	998.8	99.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



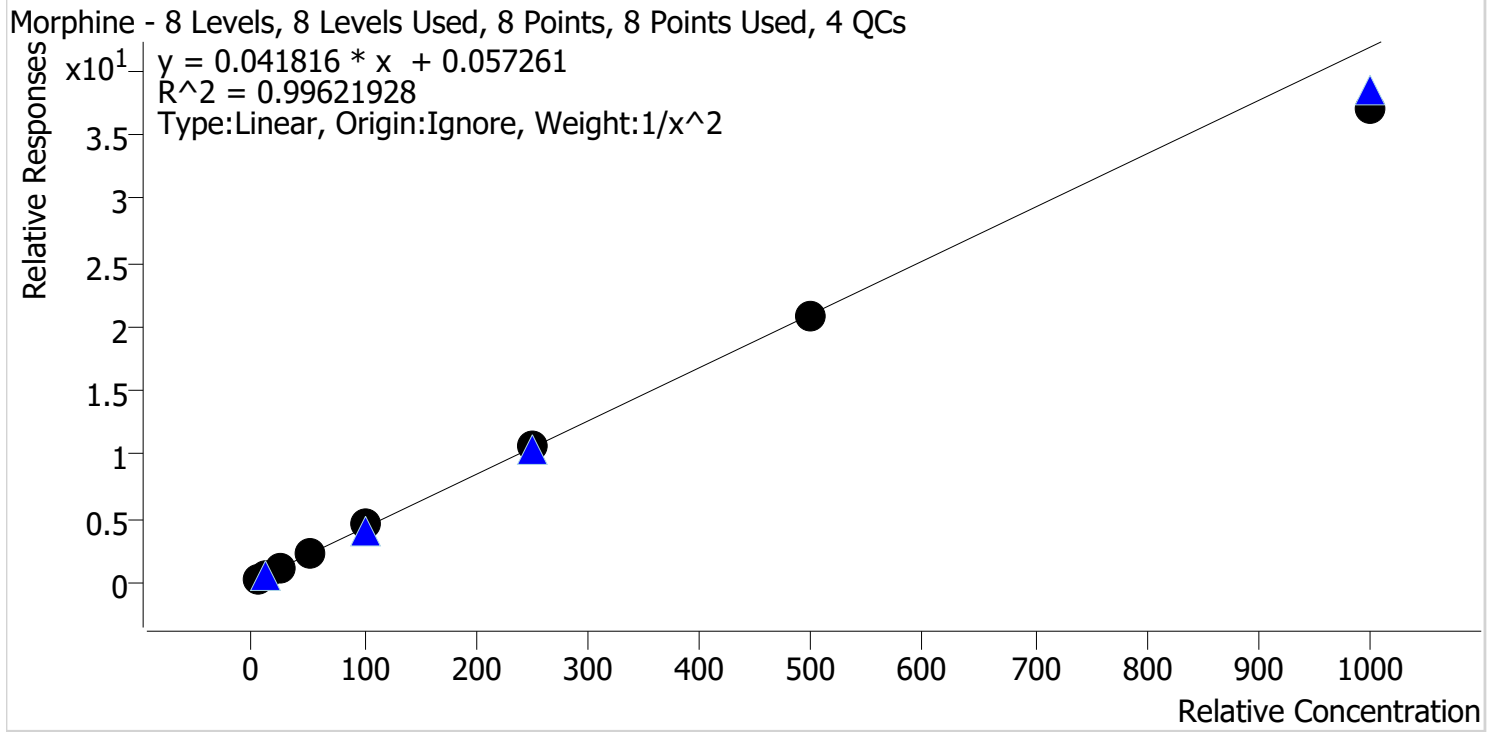
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.6	95.8
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	506.4	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1015.3	101.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



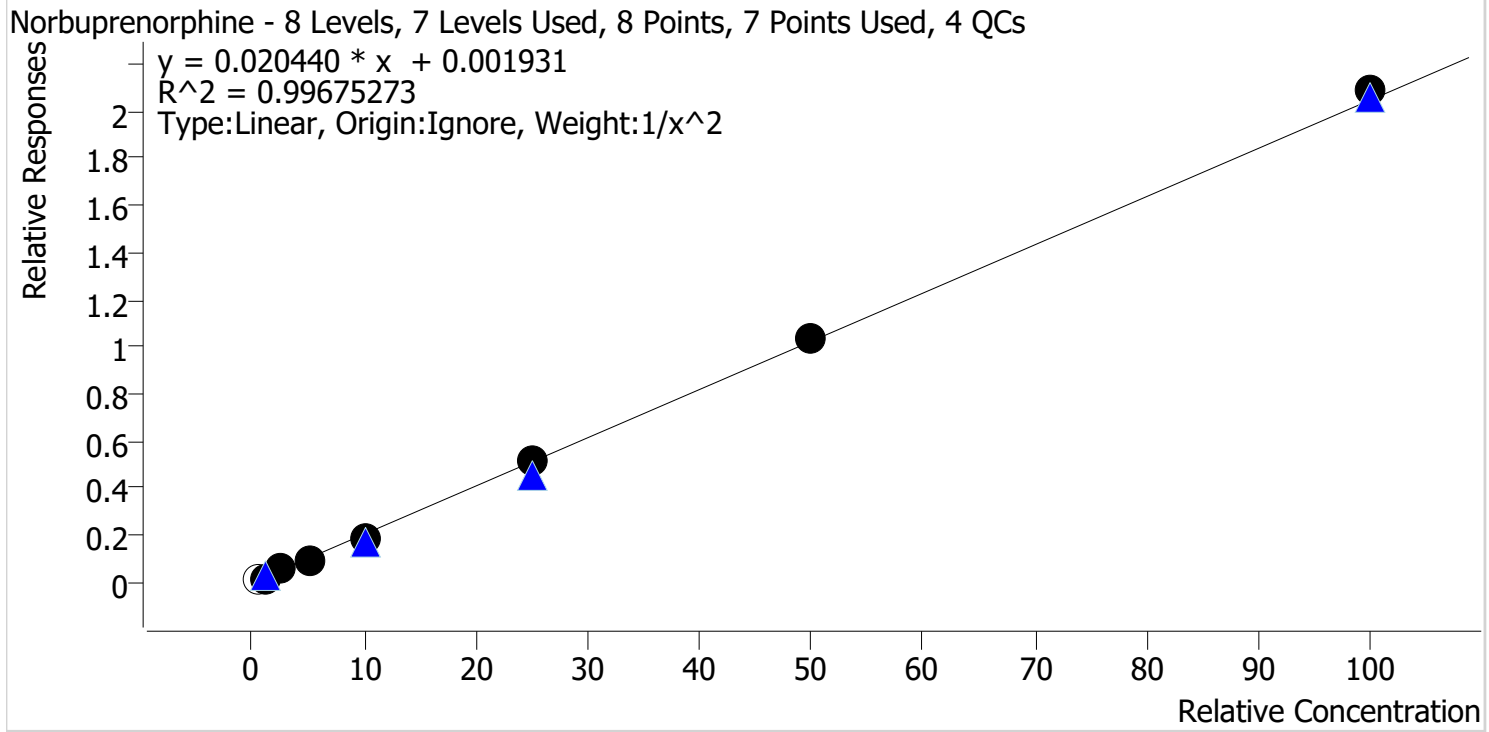
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	50.8	101.5
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	499.7	99.9
p1 Cal 8-1000ng	8	✓	1000.0	882.8	88.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



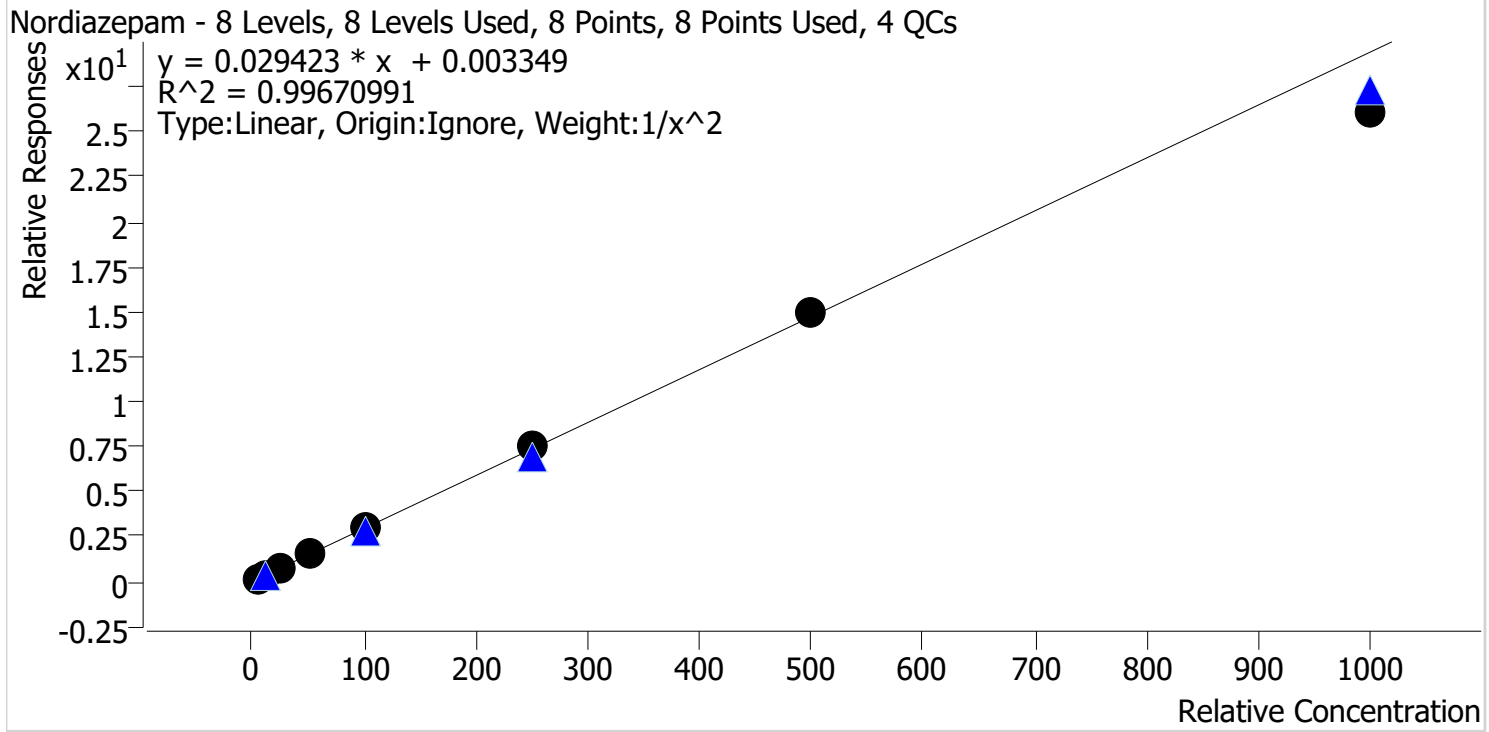
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.8	153.8
p1 Cal 2-10ng	2	✓	1.0	1.0	97.4
p1 Cal 3 -25ng	3	✓	2.5	2.7	109.4
p1 Cal 4-50ng	4	✓	5.0	4.8	97.0
p1 Cal 5-100ng	5	✓	10.0	9.4	94.0
p1 Cal 6-250ng	6	✓	25.0	25.0	99.8
p1 Cal 7-500ng	7	✓	50.0	50.2	100.5
p1 Cal 8-1000ng	8	✓	100.0	102.0	102.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



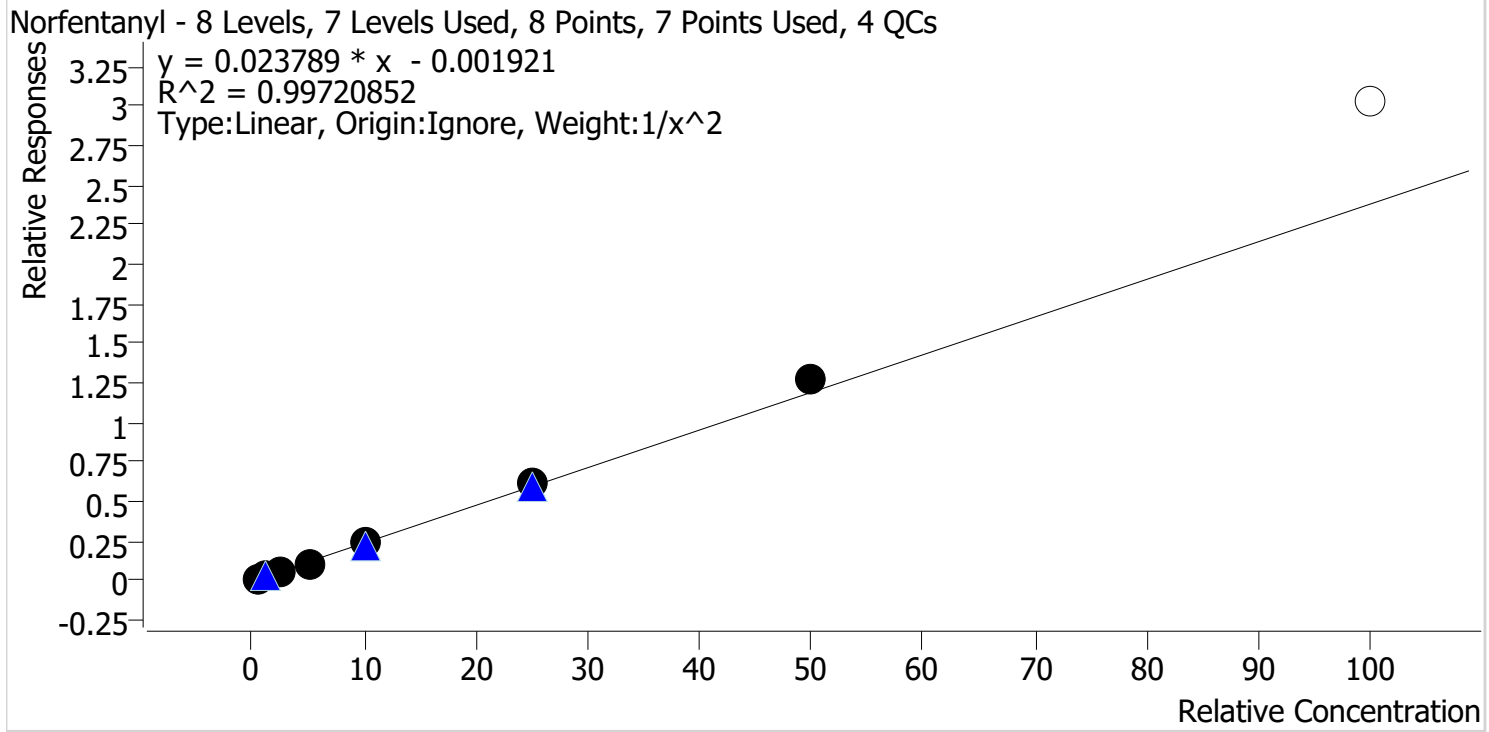
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	258.4	103.3
p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng	8	✓	1000.0	885.4	88.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.0
p1 Cal 2-10ng	2	✓	1.0	1.0	96.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.7
p1 Cal 4-50ng	4	✓	5.0	4.8	95.1
p1 Cal 5-100ng	5	✓	10.0	9.9	99.1
p1 Cal 6-250ng	6	✓	25.0	25.6	102.5
p1 Cal 7-500ng	7	✓	50.0	53.7	107.4
p1 Cal 8-1000ng	8	✗	100.0	127.0	127.0

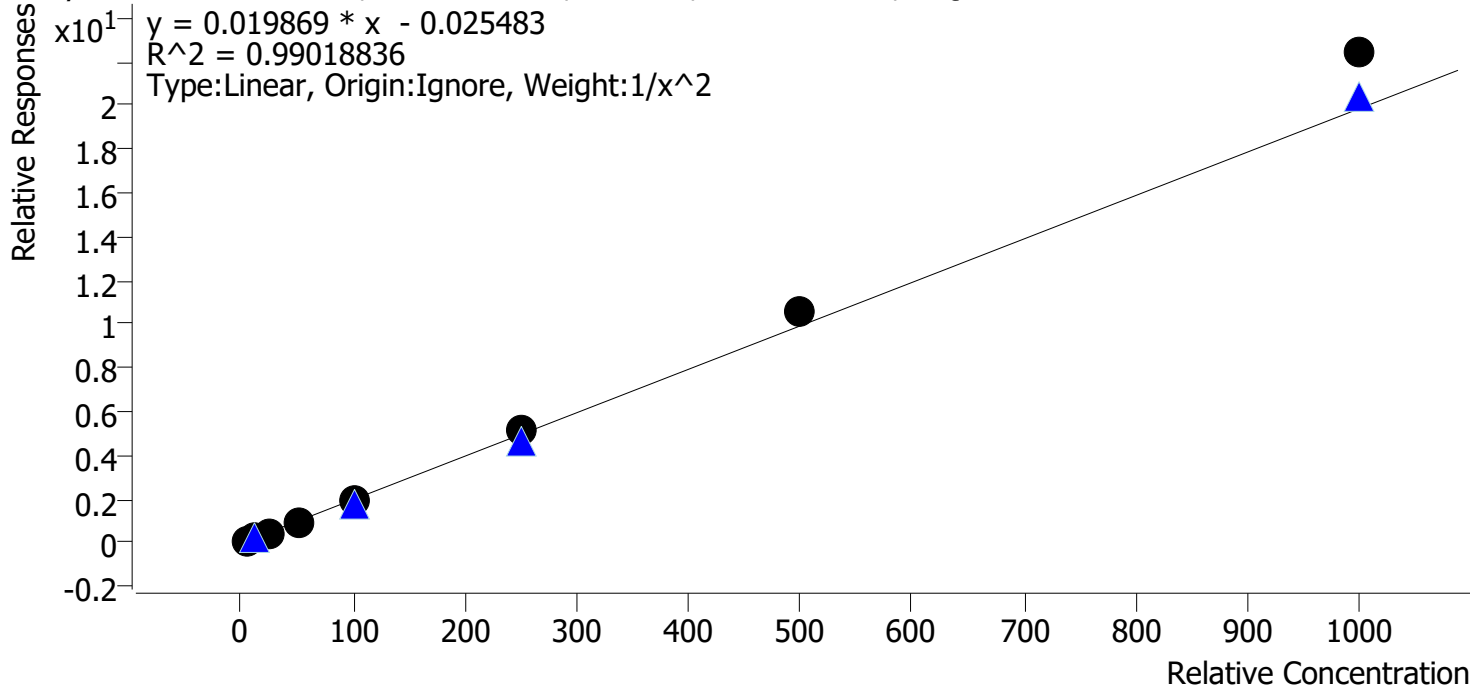
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



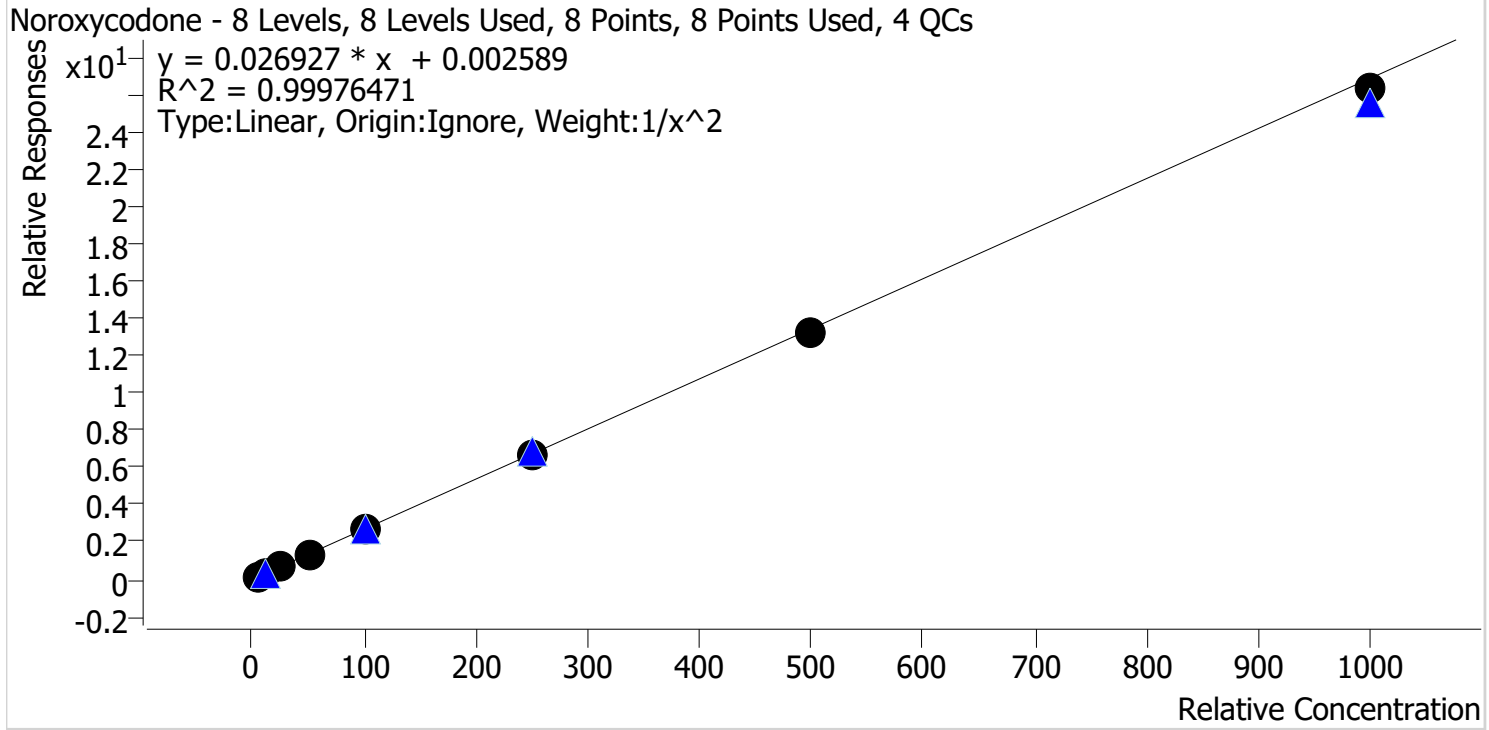
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.7
p1 Cal 2-10ng	2	✓	10.0	9.3	92.6
p1 Cal 3 -25ng	3	✓	25.0	22.2	88.9
p1 Cal 4-50ng	4	✓	50.0	46.0	92.0
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	261.7	104.7
p1 Cal 7-500ng	7	✓	500.0	529.3	105.9
p1 Cal 8-1000ng	8	✓	1000.0	1129.2	112.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	493.6	98.7
p1 Cal 8-1000ng	8	✓	1000.0	979.6	98.0

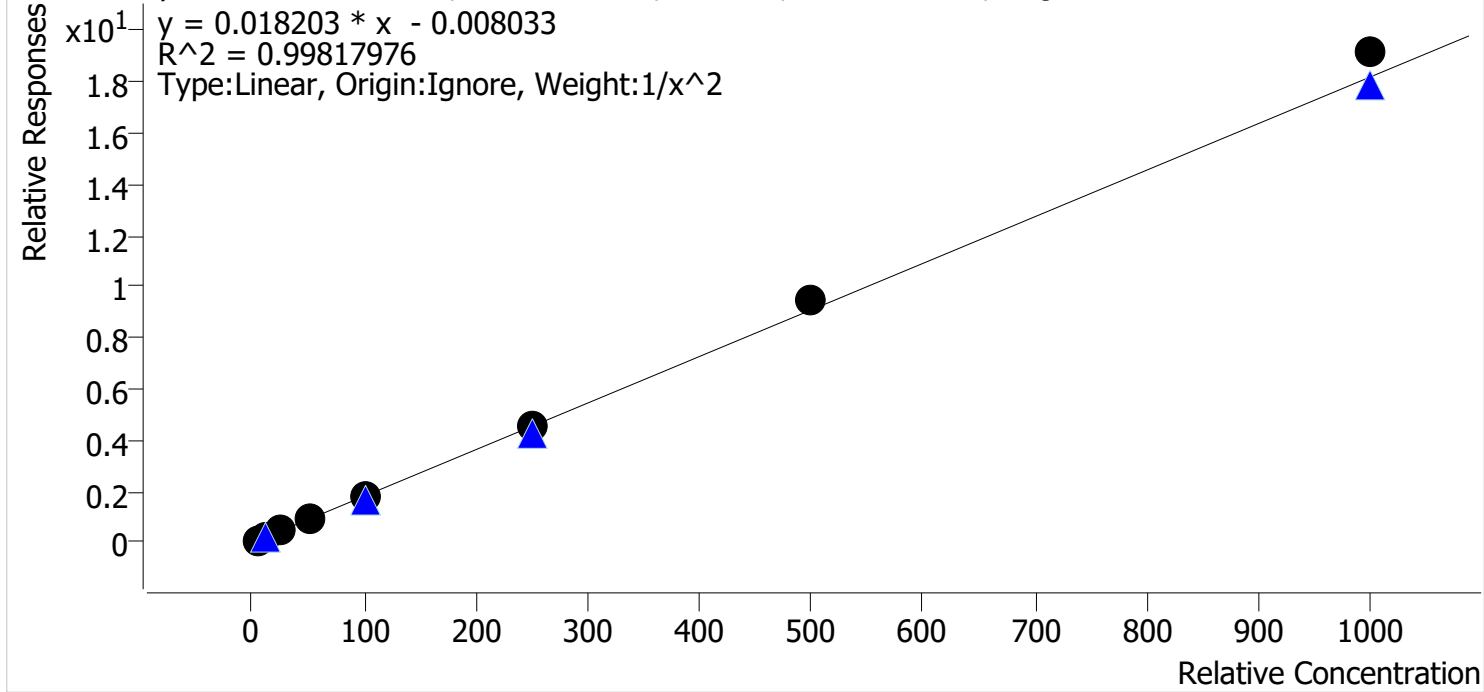
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

O-desmethyl-tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	47.6	95.2
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	519.9	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1053.2	105.3

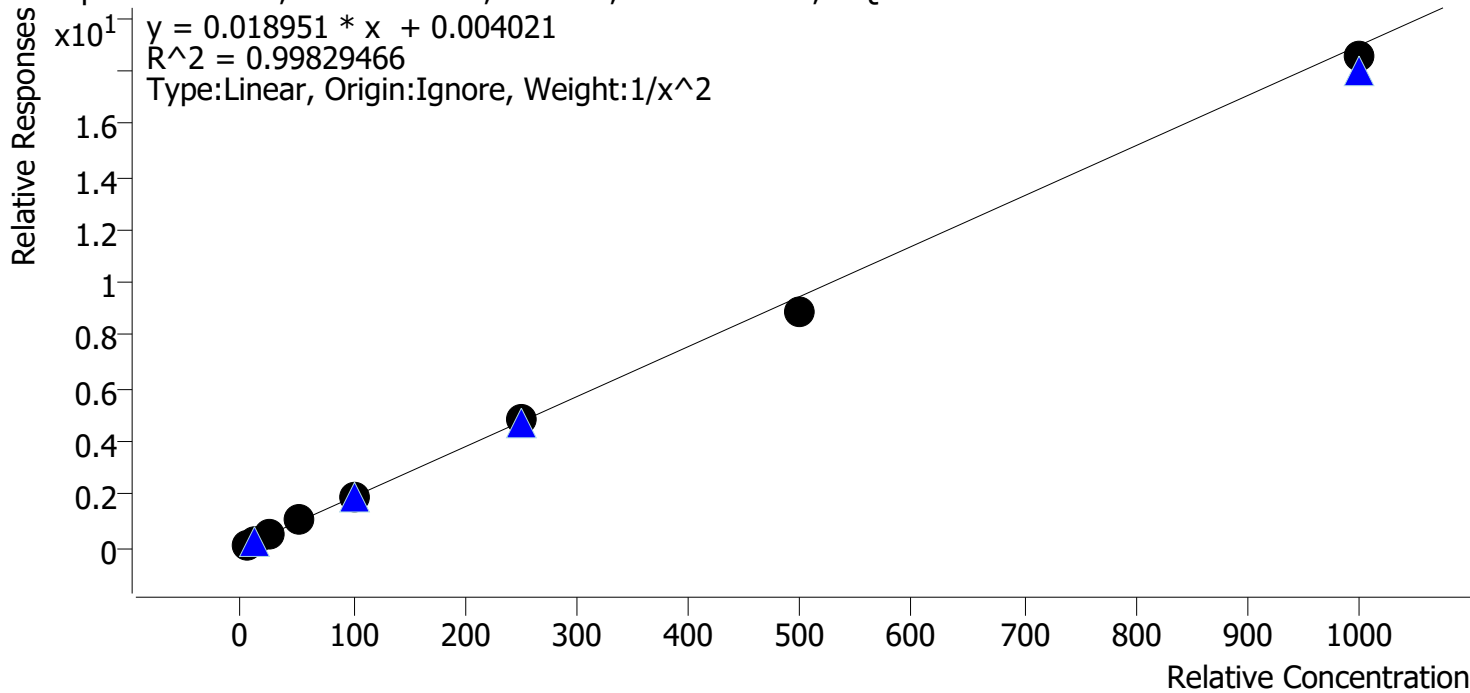
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	471.6	94.3
p1 Cal 8-1000ng	8	✓	1000.0	977.8	97.8

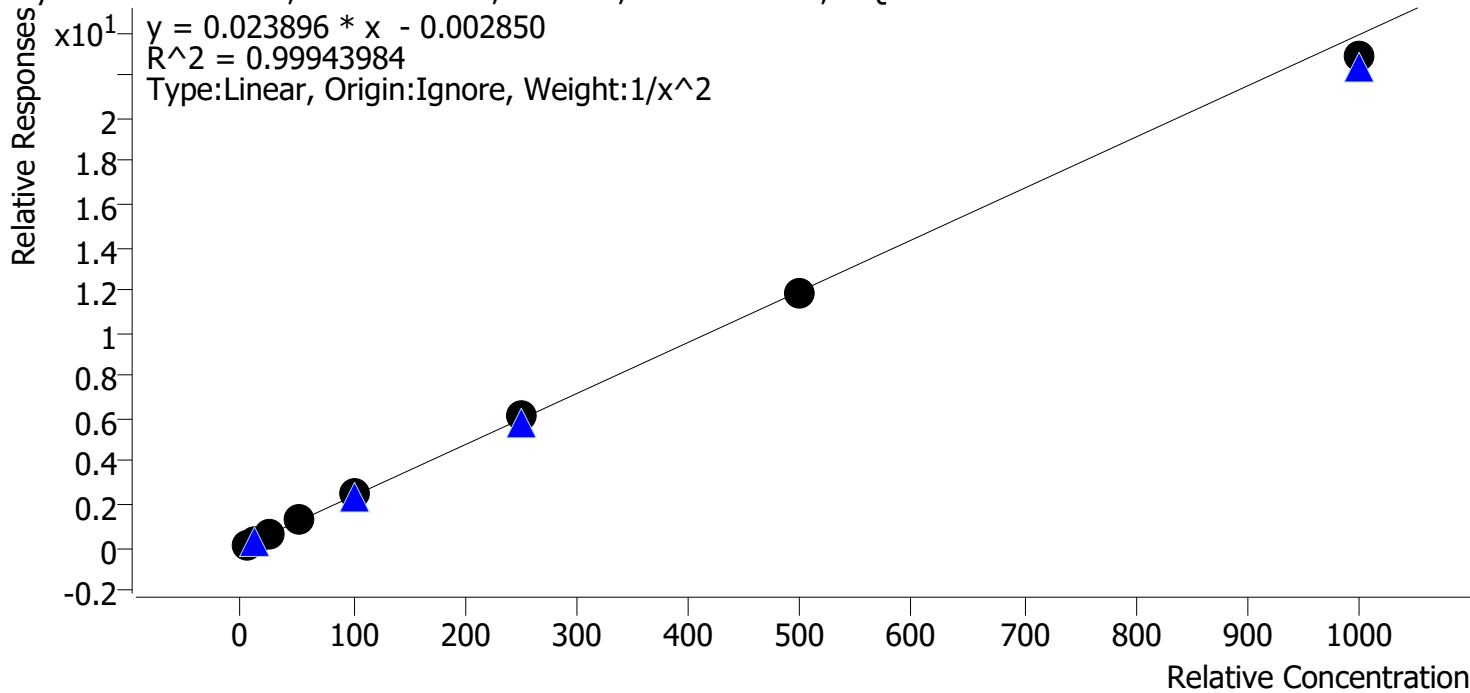
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✓	1000.0	957.3	95.7

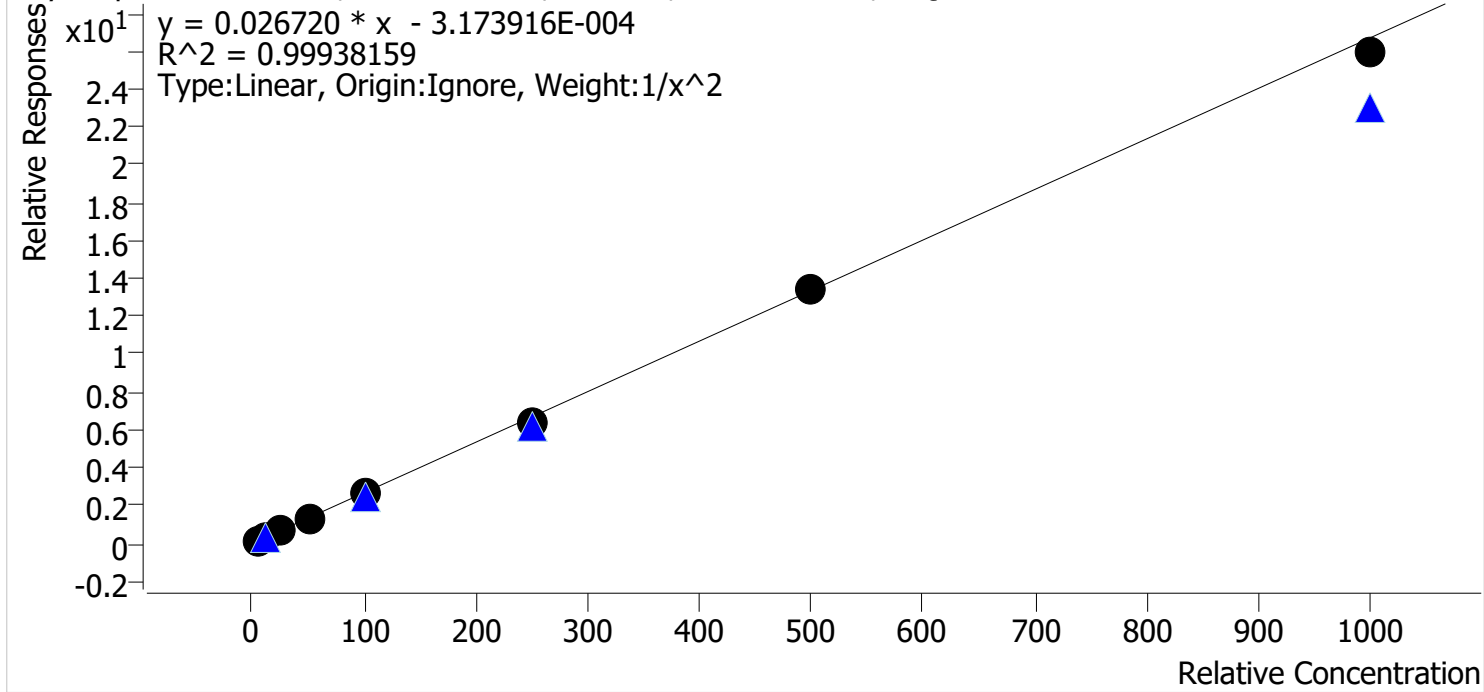
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



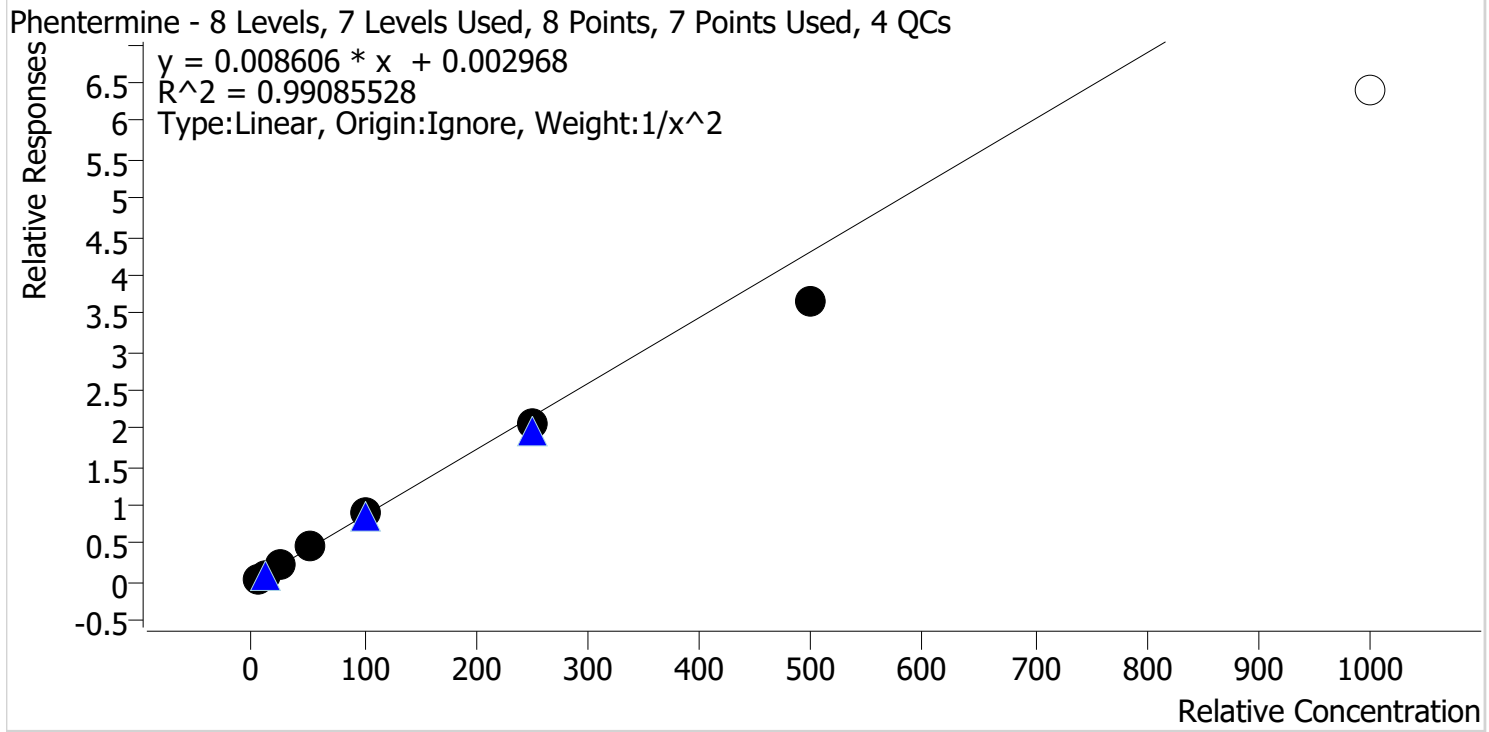
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	242.0	96.8
p1 Cal 7-500ng	7	✓	500.0	504.9	101.0
p1 Cal 8-1000ng	8	✓	1000.0	970.8	97.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



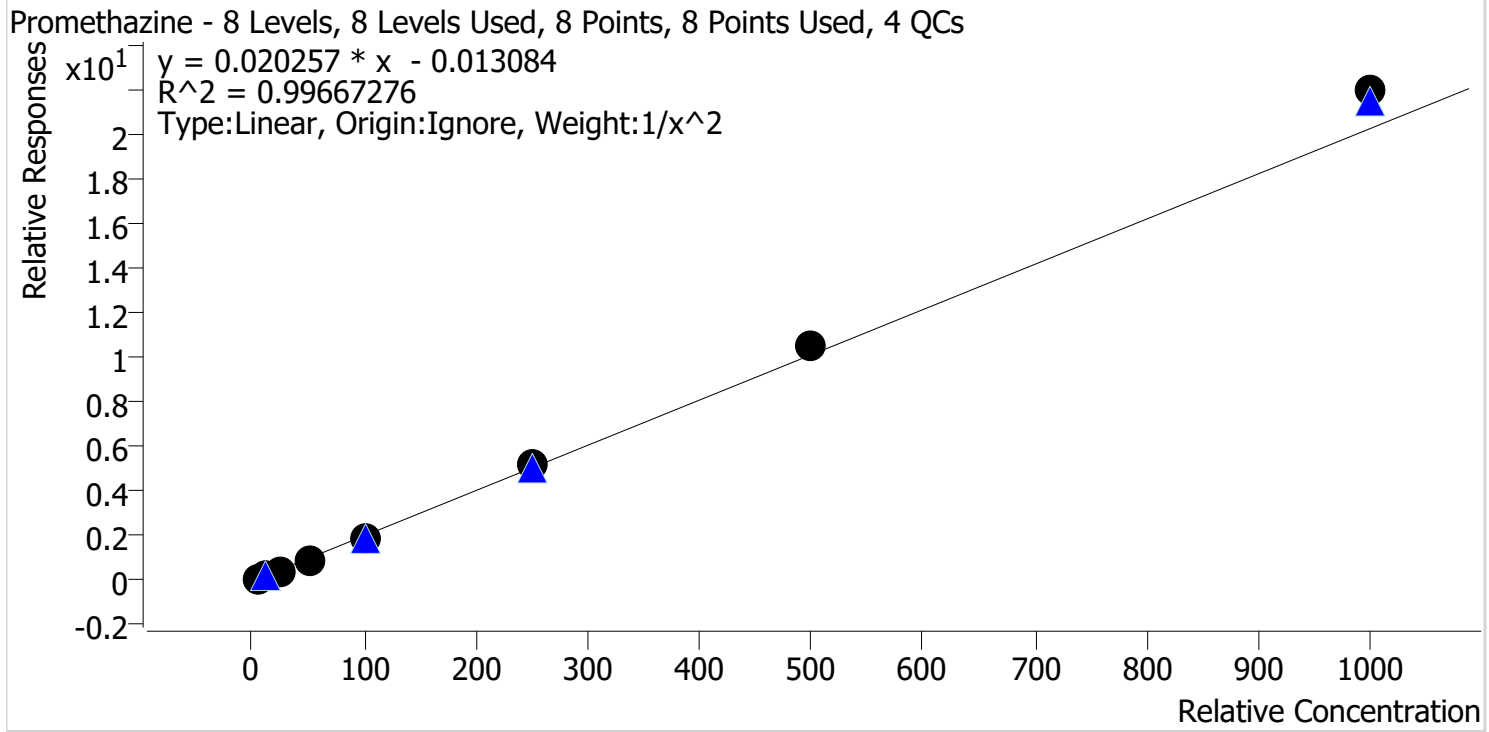
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	238.3	95.3
p1 Cal 7-500ng	7	✓	500.0	426.1	85.2
p1 Cal 8-1000ng	8	✗	1000.0	743.2	74.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



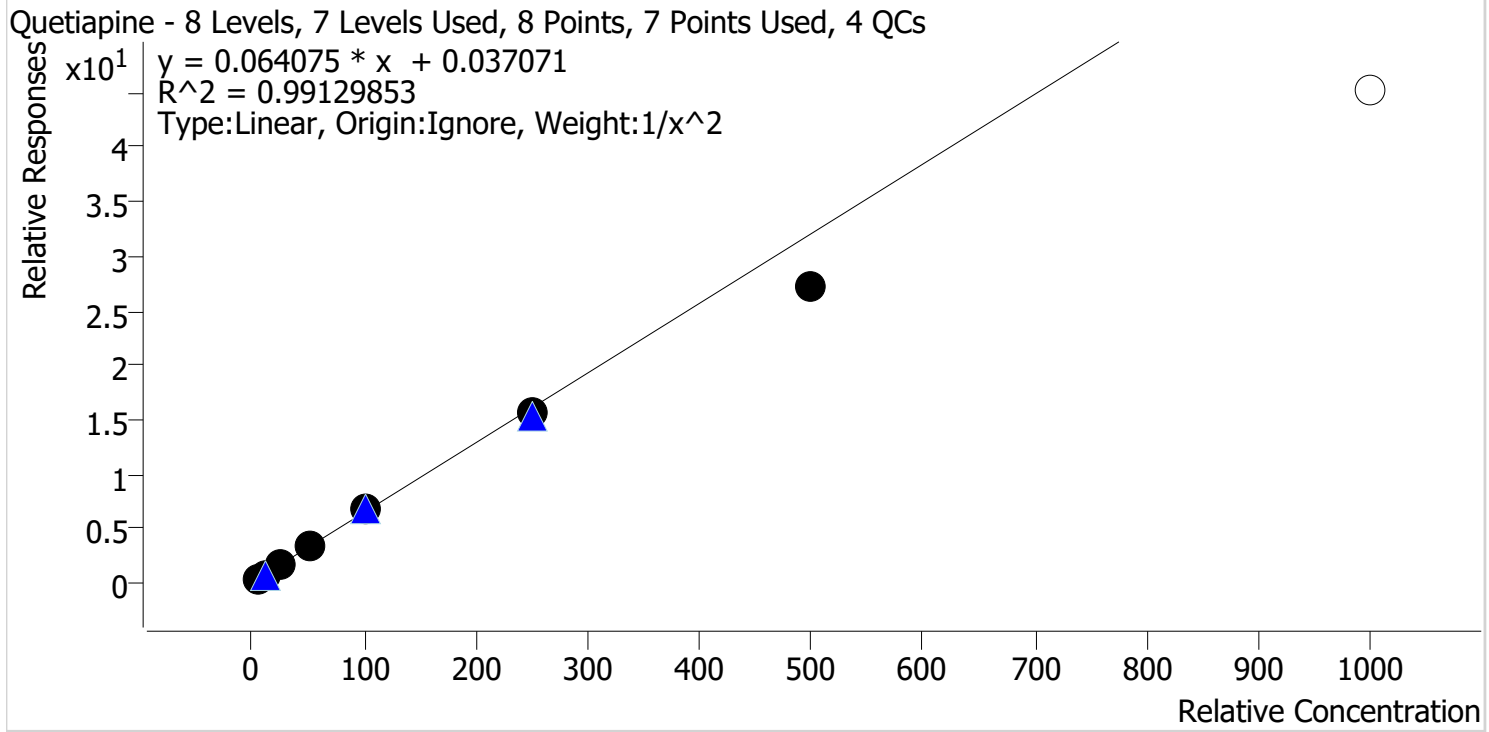
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.6	95.8
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	47.8	95.5
p1 Cal 5-100ng	5	✓	100.0	95.6	95.6
p1 Cal 6-250ng	6	✓	250.0	253.9	101.5
p1 Cal 7-500ng	7	✓	500.0	519.7	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1083.9	108.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



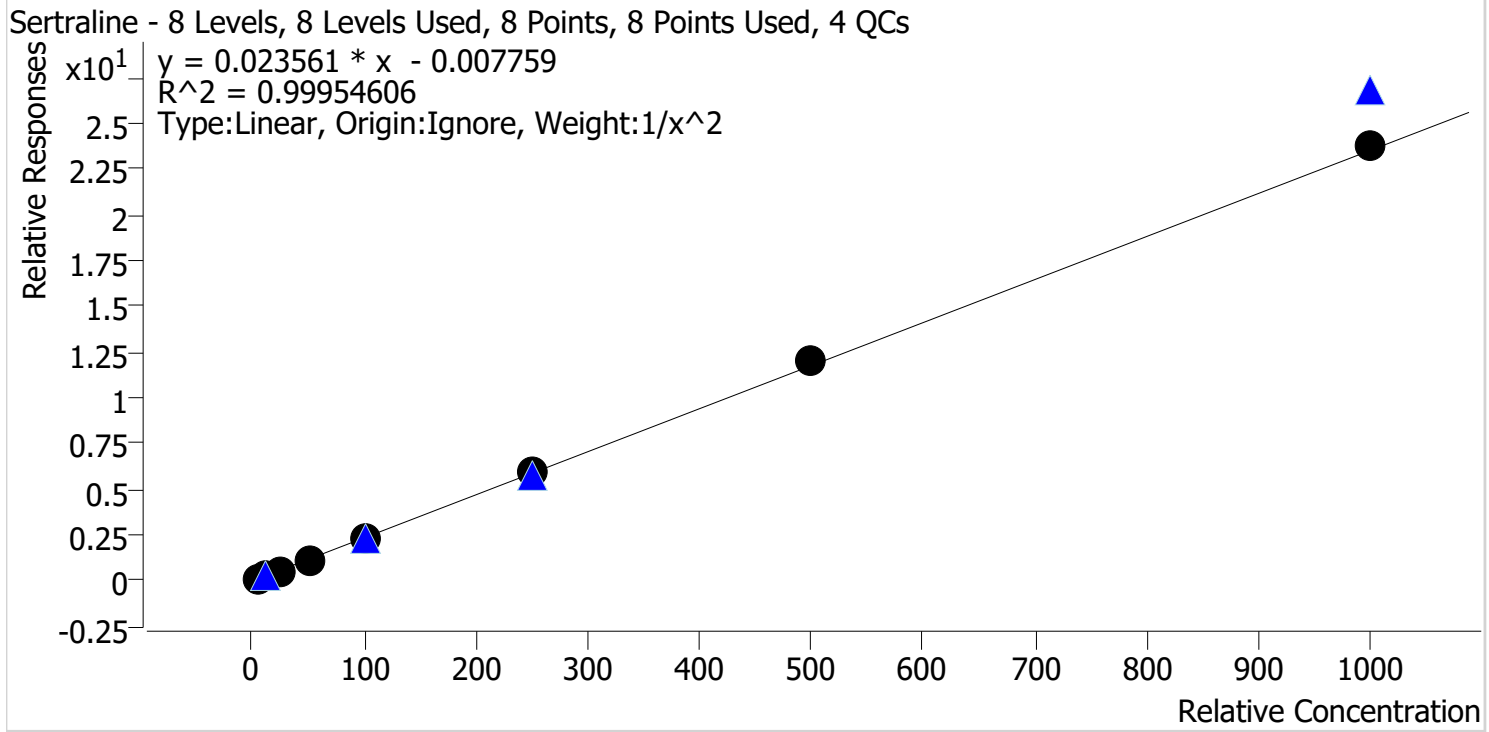
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	53.1	106.1
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	243.1	97.2
p1 Cal 7-500ng	7	✓	500.0	426.5	85.3
p1 Cal 8-1000ng	8	✗	1000.0	705.3	70.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	249.9	99.9
p1 Cal 7-500ng	7	✓	500.0	514.8	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1015.4	101.5

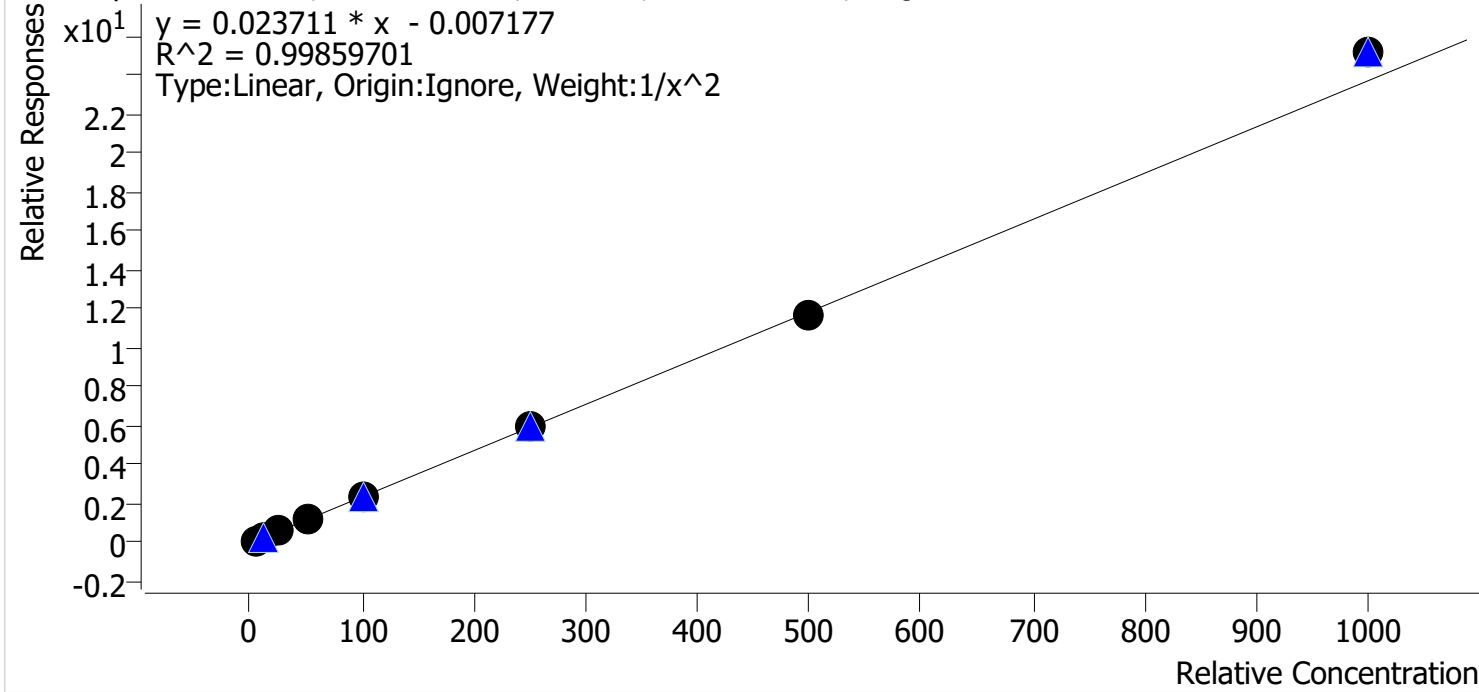
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



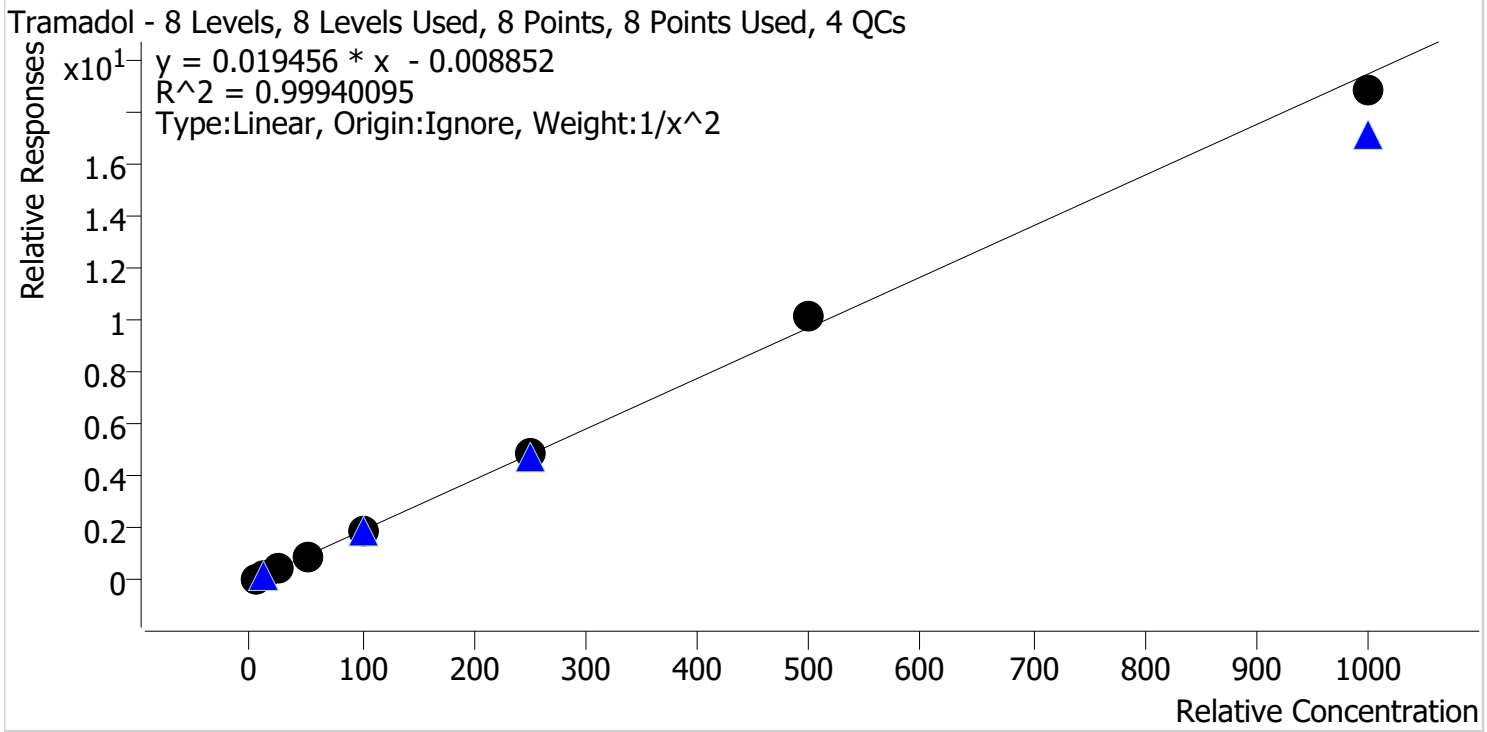
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	488.9	97.8
p1 Cal 8-1000ng	8	✓	1000.0	1060.8	106.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	519.2	103.8
p1 Cal 8-1000ng	8	✓	1000.0	967.0	96.7

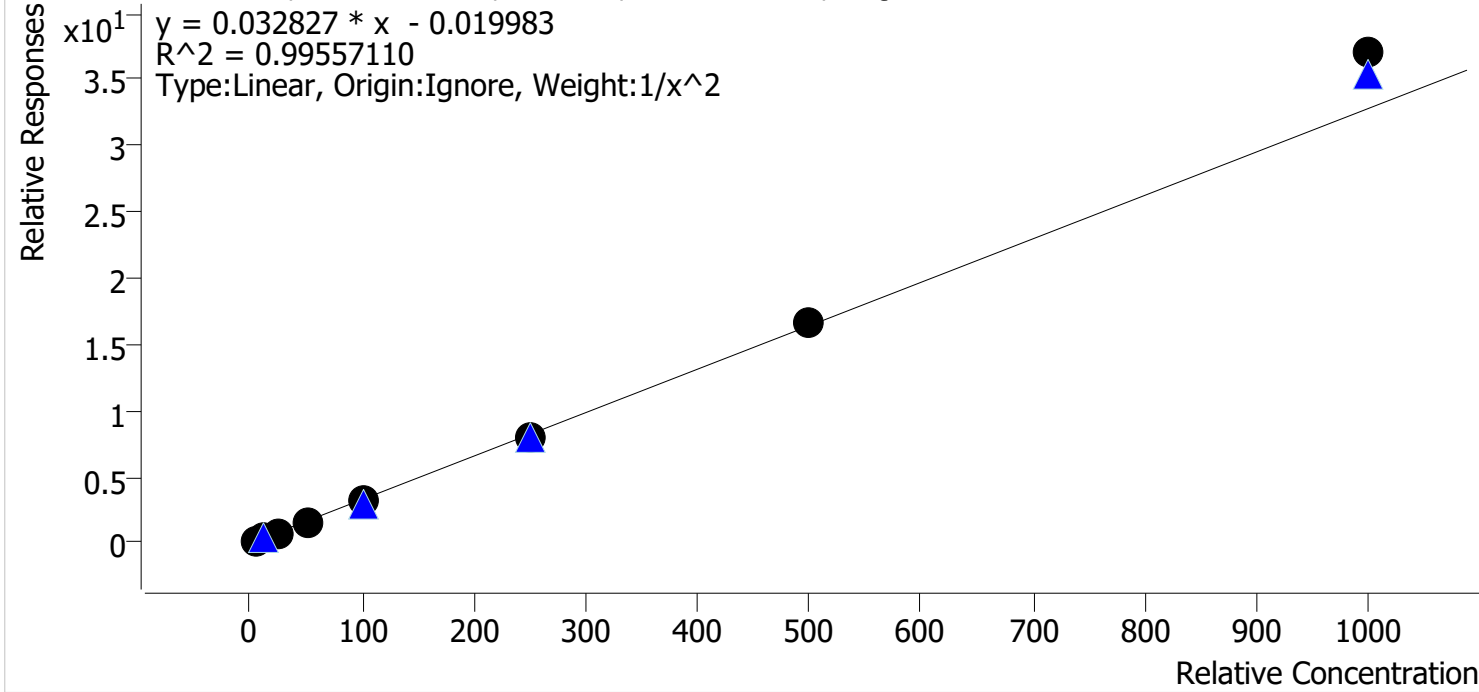
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



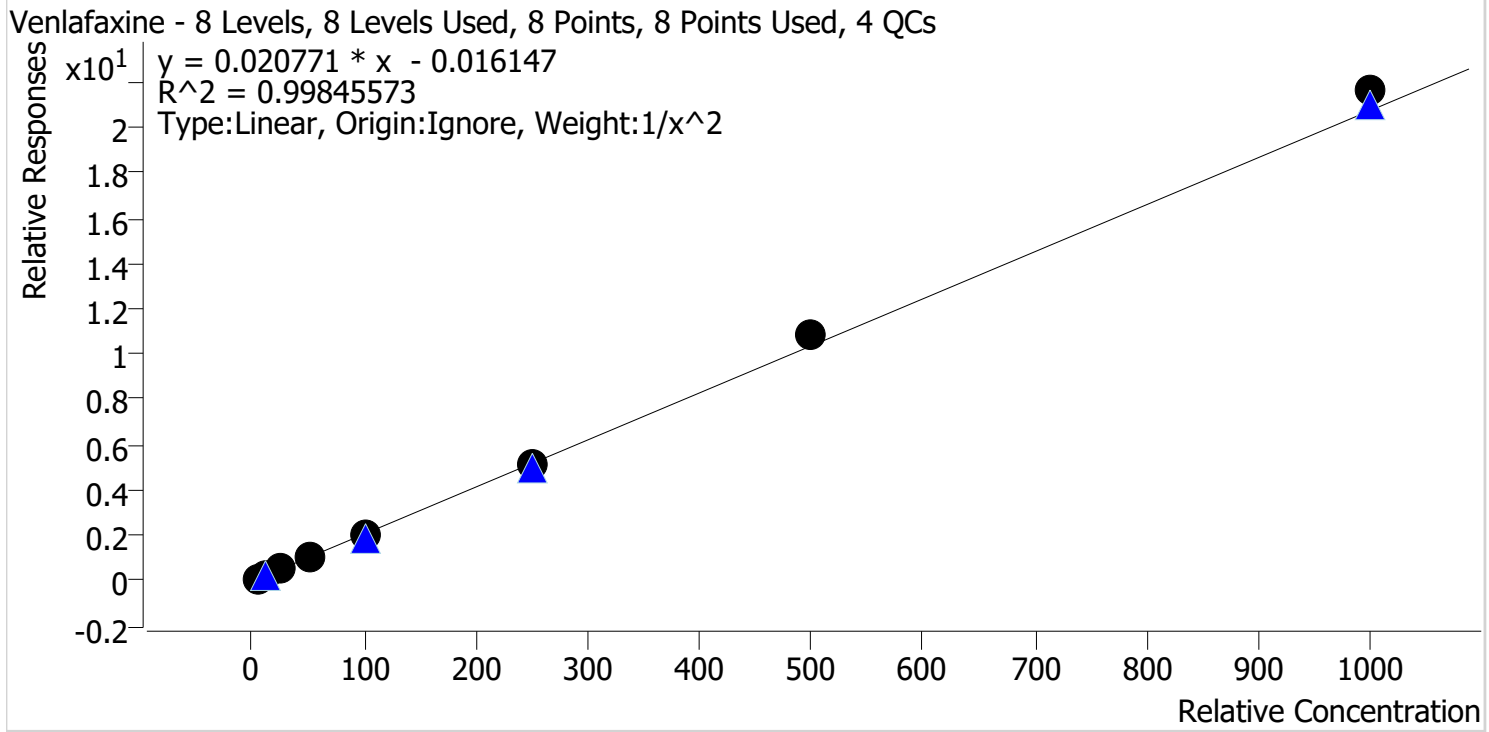
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	507.3	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1128.8	112.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.7	99.0
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	251.1	100.5
p1 Cal 7-500ng	7	✓	500.0	523.5	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1042.4	104.2

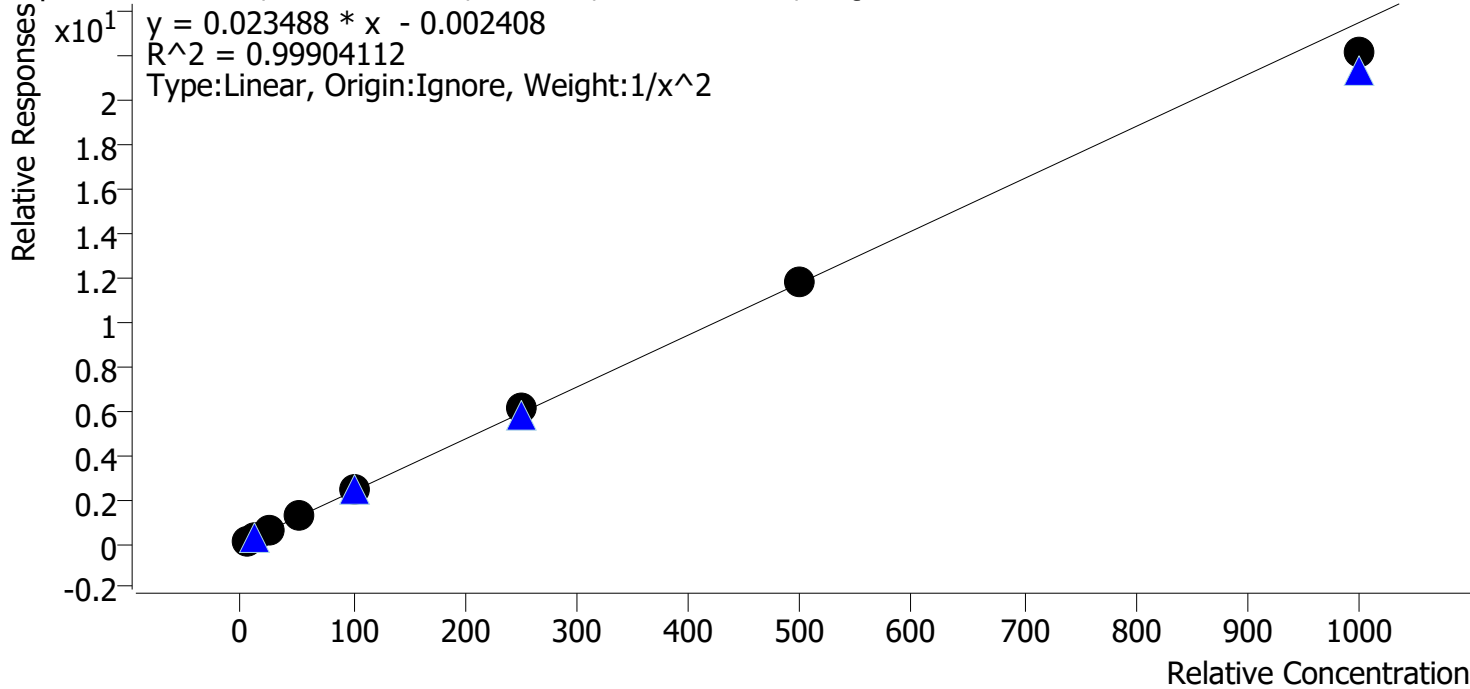
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Last Cal. Update 6/18/2024 3:54 PM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	259.0	103.6
p1 Cal 7-500ng	7	✓	500.0	499.0	99.8
p1 Cal 8-1000ng	8	✓	1000.0	942.2	94.2

AM #28 Multi-Drug Quant. Results

TS

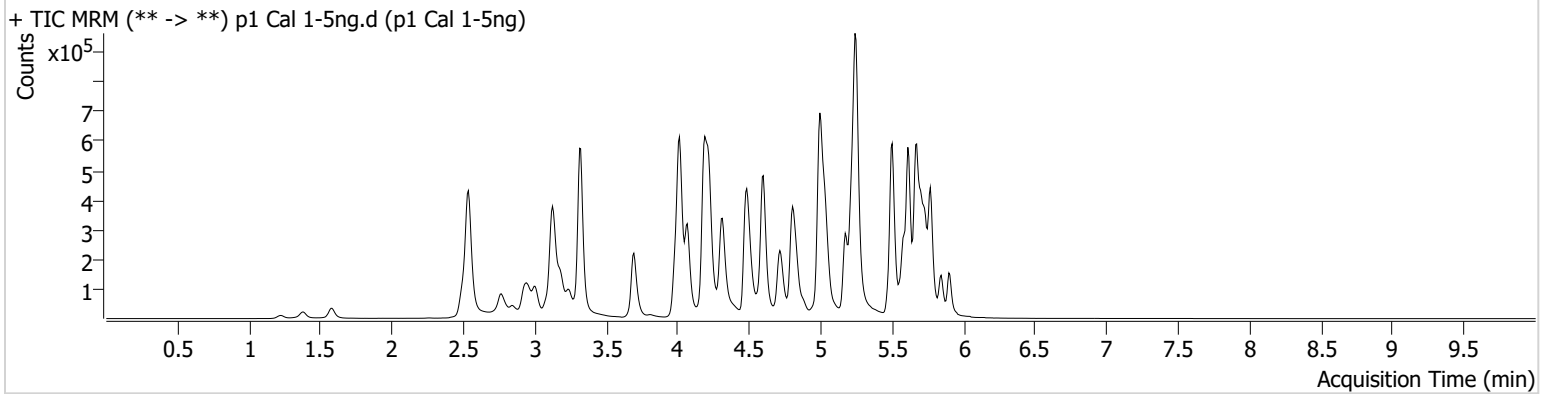


Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 6/18/2024 3:54:38 PM

Instrument Falco (069901) **Data File** p1 Cal 1-5ng.d
Type Cal **Sample** p1 Cal 1-5ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-H12 **Comment**
Injection Volume 2
Acq. Date-Time 6/14/2024 11:47:00 AM
Sample Info.

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.
6-MAM	3.089	1250	2679.07	72.2	1017.22	71568	0.5137 ng/ml
7-aminoclonazepam	4.217	14028	1123.24	84.5	226.89	144726	4.8321 ng/ml
9-hydroxyrisperidone	4.596	3751	995.13	3208.3	810.45	1072663	5.0488 ng/ml
a-hydroxyalprazolam	5.651	8545	75.20	70.0	101.70	72273	4.6307 ng/ml
alpha-PHP	4.881	22174	225.16	262.0	1403.40	643584	5.0480 ng/ml
alpha-PVP	4.322	80552	1072.82	46.9	2367.32	643584	5.0580 ng/ml
Alprazolam	5.734	37026	370.84	107.6	238.04	294646	4.9735 ng/ml
Amphetamine	3.006	134880	∞	48.9	119.95	317509	4.7651 ng/ml
Benzoylcegonine	3.842	2143	143.62	31.5	23.35	13857	5.1122 ng/ml
Bromazolam	5.773	19281	1144.50	110.5	41249.41	169861	4.8891 ng/ml
Buprenorphine	5.696	1628	64.91	16.1	369.85	137647	0.5134 ng/ml
Bupropion	4.731	86721	314.58	61.1	1210.11	533982	5.0370 ng/ml
Carisoprodol	5.682	42208	214.97	59.6	697.76	384977	5.1280 ng/ml
Citalopram	5.173	62640	255.24	36.8	154.69	596964	5.0646 ng/ml
Clonazepam	5.570	36067	184.25	37.5	91147.16	110694	4.7751 ng/ml
Clonazolam	5.513	32114	547.73	34.4	9468.20	110694	4.9168 ng/ml
Cocaine	4.216	58717	200.76	51.3	1174.52	946537	5.0488 ng/ml
Codeine	2.542	5947	186.50	104.6	351.85	59805	4.7434 ng/ml
Cyclobenzaprine	5.586	50894	17011.92	9.1	73.19	456683	5.1072 ng/ml
Dextromethorphan	5.230	36290	662.90	89.1	26720.45	363877	5.0535 ng/ml
Dextrorphan	4.068	23516	755.27	207.0	7036.41	595919	5.0417 ng/ml
Diazepam	5.906	25552	127.17	93.4	141.60	244840	5.0714 ng/ml
Dihydrocodeine	2.527	16350	471.04	59.4	19.40	178405	4.8647 ng/ml
Diphenhydramine	5.251	168064	4650.12	29.8	189.79	1938797	5.1063 ng/ml
Doxylamine	4.497	134091	481.35	102.3	1275.39	1283364	5.1238 ng/ml
Duloxetine	5.612	6704	404.83	12.5	69.46	73972	5.0326 ng/ml
EDDP	5.222	61044	740.11	42.5	264.74	639414	5.0988 ng/ml
Etizolam	5.773	19680	23256.29	26.5	3953.97	110694	5.2556 ng/ml
Fentanyl	5.042	5834	14779.67	78.3	140.75	643385	0.5041 ng/ml
Fluorofentanyl	5.103	15199	126.34	41.8	506.49	7034	0.5979 ng/ml
Fluoxetine	5.673	66705	824.67	7.7	141.71	571527	5.1404 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	21006	80.95	37.2	38.12	225747	4.9865 ng/ml
Hydromorphone	1.589	15486	609.95	75.1	19079.33	95558	5.0711 ng/ml
Hydroxyzine	5.656	68356	4287.30	71.7	1206.01	363877	5.1267 ng/ml
Ketamine	4.001	50283	289.18	34.3	55.70	438820	4.7864 ng/ml
Lamotrigine	4.225	4738	159.97	86.5	290.30	1255358	4.7562 ng/ml
Lorazepam	5.706	26818	64.75	55.3	84.09	444969	4.7134 ng/ml
MDA	3.147	76434	617.71	27.9	59.75	466959	4.7811 ng/ml
MDMA	3.248	54771	13999.74	76.5	93.09	120266	5.0897 ng/ml
Meprobamate	4.861	23966	5219.64	31.0	1849.17	221300	4.8251 ng/ml
Methadone	5.618	101780	2113.25	53.7	188.62	930882	5.1292 ng/ml
Methamphetamine	3.182	255787	1090.02	37.0	248.03	763039	4.8771 ng/ml
Metoprolol	4.279	14525	10908.80	95.2	274.29	1245982	4.8451 ng/ml
Mirtazapine	4.580	97098	497.18	55.2	648.71	643584	5.0381 ng/ml
Mitragynine	5.177	24069	186.24	34.6	409.28	930882	5.1398 ng/ml
Morphine	1.233	3259	128.83	47.8	256.73	12424	4.9029 ng/ml
Norbuprenorphine	4.944	469	66.09	66.8 Low	660.11	26564	0.7688 ng/ml
Nordiazepam	5.853	30467	505.38	57.5	150.30	206244	4.9069 ng/ml
Norfentanyl	4.035	10837	193.64	40.4	47.35	1049519	0.5148 ng/ml
Norhydrocodone	3.023	4106	57.06	37.4	41.36	51021	5.3334 ng/ml
Noroxycodone	2.866	13887	14.48	48.1	196.14	101354	4.9922 ng/ml
O-desmethyl-tramadol	3.321	123286	381.60	5.5	104.74	1447403	5.1205 ng/ml
o-desmethylvenlafaxine	4.020	102360	3466.83	26.2	143.71	25702	5.1680 ng/ml
Olanzapine	4.400	20449	17256.54	64.9	139.65	110492	5.0656 ng/ml
Oxazepam	5.708	43083	91.44	64.3	125.23	444969	4.8967 ng/ml
Oxycodone	2.798	34510	296.91	29.0	95.98	296722	4.9864 ng/ml
Oxymorphone	1.379	9248	111.63	46.6	50.40	69619	4.9833 ng/ml
Phentermine	3.731	28789	74.40	5.6	29.04	647154	4.8244 ng/ml
Promethazine	5.503	101057	187.96	29.8	74.04	1101411	5.1752 ng/ml
Pseudoephedrine	2.545	133506	4456.16	16.0	1764.62	1255358	5.0852 ng/ml
Quetiapine	5.492	73711	274156.20	55.0	73288.98	215073	4.7702 ng/ml
Sertraline	5.735	21876	440.53	96.1	258.65	198035	5.0179 ng/ml
Temazepam	5.776	67057	158.21	29.1	59.15	590719	5.0903 ng/ml
Tramadol	4.197	110347	194.12	3.9	35.37	1245982	5.0070 ng/ml
Trazodone	5.054	94146	94769.25	62.7	73782.53	635914	5.1188 ng/ml
Venlafaxine	4.996	107083	1144.27	33.4	244.05	1195095	5.0912 ng/ml
Xylazine	4.035	39042	262.10	40.2	289.37	375975	5.0818 ng/ml
Zolpidem	4.824	105012	1364.24	29.7	204.83	913400	4.9972 ng/ml

AM #28 Multi-Drug Quant. Results

TS

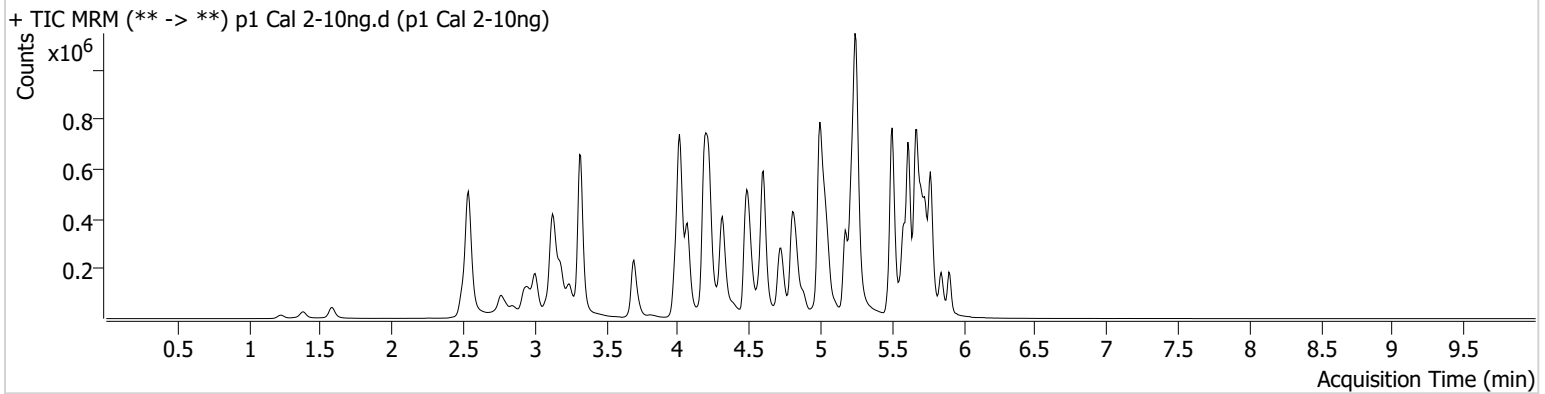


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Calibration Last Update 6/18/2024 3:54:38 PM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-G12	Comment	
Injection Volume	2		
Acq. Date-Time	6/14/2024 11:57:48 AM		
Sample Info.			

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.
6-MAM	3.089	2582	1163.71	84.1	80.07	77104	0.9565 ng/ml
7-aminoclonazepam	4.217	28200	580.57	79.4	55.32	141111	10.2005 ng/ml
9-hydroxyrisperidone	4.603	8339	1540.31	3101.5	2723.31	1137724	9.9122 ng/ml
a-hydroxyalprazolam	5.651	19786	692.64	67.7	364.85	72199	11.1761 ng/ml
alpha-PHP	4.881	46484	238.48	271.1	122415.09	679779	9.8732 ng/ml
alpha-PVP	4.322	172553	140311.52	46.0	445.24	679779	9.8814 ng/ml
Alprazolam	5.734	82010	1673.66	106.9	541.24	308878	10.2233 ng/ml
Amphetamine	3.006	274688	201.25	47.8	108.78	334797	10.4171 ng/ml
Benzoylcegonine	3.835	4018	121.79	42.6	798.51	14037	9.9790 ng/ml
Bromazolam	5.773	42592	34924.59	113.3	66519.03	181756	10.2869 ng/ml
Buprenorphine	5.696	3899	33.00	17.3	12.39	145733	0.9954 ng/ml
Bupropion	4.731	187218	222.39	63.1	267.44	570861	9.8993 ng/ml
Carisoprodol	5.682	90255	275.71	60.5	125.81	410848	9.7433 ng/ml
Citalopram	5.173	138058	3040.33	35.6	1736.77	627138	9.9357 ng/ml
Clonazepam	5.570	83987	200311.03	36.1	33863.69	122792	10.4321 ng/ml
Clonazolam	5.513	66675	66499.37	34.3	27192.64	122792	9.9160 ng/ml
Cocaine	4.223	124374	15953.34	50.6	68.70	1001125	9.9003 ng/ml
Codeine	2.542	12437	182.21	102.2	19397.40	61511	10.4534 ng/ml
Cyclobenzaprine	5.586	119976	13261.06	8.9	143.54	525645	9.7426 ng/ml
Dextromethorphan	5.230	78974	120.50	80.7	28248.73	394674	9.8567 ng/ml
Dextrorphan	4.068	51014	1288.28	207.1	302.83	629580	9.9496 ng/ml
Diazepam	5.906	48482	995.46	90.0	347.91	245153	9.9347 ng/ml
Dihydrocodeine	2.527	33445	5310.24	62.8	649.72	190331	10.0980 ng/ml
Diphenhydramine	5.251	359104	7654.60	30.3	162.13	2059687	9.7695 ng/ml
Doxylamine	4.497	290024	308.09	100.3	581.79	1362223	9.7539 ng/ml
Duloxetine	5.612	14678	4301.63	13.5	57.98	82486	9.7420 ng/ml
EDDP	5.215	144208	688.97	41.3	60.96	753775	9.7734 ng/ml
Etizolam	5.773	41791	53341.64	27.4	14022.59	122792	9.4910 ng/ml
Fentanyl	5.049	12853	2798.29	76.4	79.55	680290	0.9918 ng/ml
Fluorofentanyl	5.103	33075	137.40	43.3	6821.45	7399	1.0647 ng/ml
Fluoxetine	5.673	155164	593.88	8.0	197.51	641208	9.8435 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.988	44222	43.20	35.5	41.10	239842	9.7856 ng/ml
Hydromorphone	1.589	32570	160625.93	74.8	911.72	104203	9.7606 ng/ml
Hydroxyzine	5.656	149702	553.49	68.5	1808.46	394674	9.8029 ng/ml
Ketamine	4.001	107050	376.50	34.7	153.44	460468	10.4082 ng/ml
Lamotrigine	4.225	10405	643.84	80.3	685.75	1326087	10.5686 ng/ml
Lorazepam	5.706	60977	1050.63	56.2	125.78	457440	11.0634 ng/ml
MDA	3.147	159592	2729.30	27.9	71.05	490241	10.3261 ng/ml
MDMA	3.248	113175	393.03	80.0	99.38	124864	9.7887 ng/ml
Meprobamate	4.861	49543	905.00	32.3	172.07	231474	10.0557 ng/ml
Methadone	5.618	220523	666.22	54.5	228.58	988985	9.7671 ng/ml
Methamphetamine	3.182	376110	2630.89	37.1	3084.76	812716	10.1003 ng/ml
Metoprolol	4.279	31156	589.30	103.9	472.05	1306067	10.2319 ng/ml
Mirtazapine	4.580	208813	175788.49	54.3	3255.51	679779	9.9409 ng/ml
Mitragynine	5.177	49010	1654.95	34.6	216.14	988985	9.5836 ng/ml
Morphine	1.233	6325	123.72	48.3	1125.99	13105	10.1720 ng/ml
Norbuprenorphine	4.944	610	243.42	96.9	668.42	27918	0.9745 ng/ml
Nordiazepam	5.853	66239	499.47	53.9	136.60	216301	10.2942 ng/ml
Norfentanyl	4.035	23471	200.47	39.3	200.30	1119315	0.9622 ng/ml
Norhydrocodone	3.023	8402	104.75	44.4	51.04	52981	9.2638 ng/ml
Noroxycodone	2.866	28783	270.80	47.1	646.25	105864	10.0010 ng/ml
O-desmethyl-tramadol	3.321	257786	1619.63	5.5	167.06	1519802	9.7593 ng/ml
o-desmethylvenlafaxine	4.020	208810	17363.13	27.4	140.16	27207	9.5275 ng/ml
Olanzapine	4.393	46295	253.59	61.0	439.57	116121	9.9585 ng/ml
Oxazepam	5.708	90218	692.07	67.6	515.05	457440	10.1946 ng/ml
Oxycodone	2.791	73926	600.00	29.1	774.42	314498	9.9562 ng/ml
Oxymorphone	1.379	19180	249.62	47.1	108.95	72301	9.9398 ng/ml
Phentermine	3.731	61714	100.90	5.6	63.11	673113	10.3089 ng/ml
Promethazine	5.503	220561	998.08	29.8	1164.40	1218077	9.5845 ng/ml
Pseudoephedrine	2.545	283788	3592.76	16.2	4344.64	1326087	9.8215 ng/ml
Quetiapine	5.492	159799	5345.46	54.4	342.86	225137	10.4988 ng/ml
Sertraline	5.735	53841	242.17	88.3	64071.27	234372	10.0797 ng/ml
Temazepam	5.776	152457	1036.36	27.9	128.37	679091	9.7711 ng/ml
Tramadol	4.197	243033	447.73	3.3	357.72	1306067	10.0193 ng/ml
Trazodone	5.054	205732	4826.86	60.4	131830.58	681062	9.8109 ng/ml
Venlafaxine	4.996	234983	401.57	33.8	925.79	1256643	9.7800 ng/ml
Xylazine	4.035	90943	118.96	42.4	206.29	438558	9.8012 ng/ml
Zolpidem	4.824	224568	13766.49	29.8	1457.70	971610	9.9427 ng/ml

AM #28 Multi-Drug Quant. Results

TS

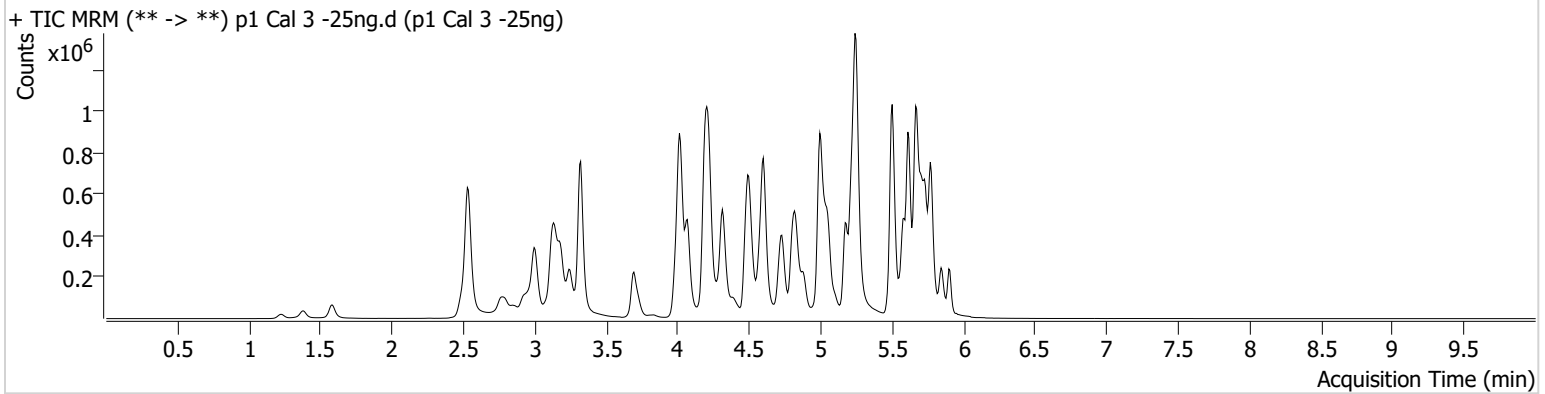


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Calibration Last Update 6/18/2024 3:54:38 PM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-F12	Comment	
Injection Volume	2		
Acq. Date-Time	6/14/2024 12:08:27 PM		
Sample Info.			

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.
6-MAM	3.089	6129	117.70	80.9	129.36	70633	2.4288 ng/ml
7-aminoclonazepam	4.217	69983	115.99	78.9	2792.69	136832	26.4548 ng/ml
9-hydroxyrisperidone	4.603	19554	1363.58	3121.1	5218.36	1043988	24.3797 ng/ml
a-hydroxyalprazolam	5.651	48244	195.38	64.7	375.01	76003	26.3290 ng/ml
alpha-PHP	4.881	109835	185.16	271.6	1034.93	634851	24.7531 ng/ml
alpha-PVP	4.322	411989	633.32	47.2	279.47	634851	24.6927 ng/ml
Alprazolam	5.734	184583	1566.49	107.4	671.73	286484	24.4431 ng/ml
Amphetamine	2.999	637705	89.81	47.0	3344.64	313446	27.7599 ng/ml
Benzoylcegonine	3.835	9827	373.91	35.5	384.75	15523	22.8123 ng/ml
Bromazolam	5.766	95186	90676.83	117.3	99262.03	164075	25.7355 ng/ml
Buprenorphine	5.696	9273	1035.65	13.3	1151.66	135513	2.3408 ng/ml
Bupropion	4.731	444240	1285.20	62.1	5512.68	533885	24.7057 ng/ml
Carisoprodol	5.682	210606	217.27	60.0	583.36	372423	24.2478 ng/ml
Citalopram	5.173	318033	420.34	37.0	833.42	571088	24.1737 ng/ml
Clonazepam	5.570	197361	3661.27	36.3	553.62	113030	27.2081 ng/ml
Clonazolam	5.513	158300	163779.18	33.9	72892.35	113030	26.8683 ng/ml
Cocaine	4.223	289451	856.41	50.1	1196.18	919614	24.7603 ng/ml
Codeine	2.535	29296	459.39	102.3	68.76	58296	27.1445 ng/ml
Cyclobenzaprine	5.586	282838	55373.58	8.6	326.35	473826	24.3739 ng/ml
Dextromethorphan	5.230	183249	193.47	85.5	436.50	361990	24.5066 ng/ml
Dextrorphan	4.068	117099	470.47	209.9	509.42	581941	24.1409 ng/ml
Diazepam	5.906	103986	613.38	94.0	8214.60	222497	23.9725 ng/ml
Dihydrocodeine	2.521	78601	479.27	62.8	370.45	177324	26.7517 ng/ml
Diphenhydramine	5.251	849630	16746.38	30.4	333.38	1898231	24.3042 ng/ml
Doxylamine	4.497	678558	4404.56	101.8	37224.38	1253971	23.7707 ng/ml
Duloxetine	5.612	34108	7294.15	12.7	103.70	71331	25.9361 ng/ml
EDDP	5.222	328800	521.40	41.7	31368.55	674613	24.2138 ng/ml
Etizolam	5.773	95887	3783.36	26.6	10554.64	113030	22.7271 ng/ml
Fentanyl	5.049	30078	350.51	75.9	2718.40	622026	2.4541 ng/ml
Fluorofentanyl	5.103	77055	475.43	41.0	5754.32	7158	2.3372 ng/ml
Fluoxetine	5.673	340096	9156.47	7.7	114.99	571341	23.1061 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	107356	∞	34.6	135.04	218193	25.9523 ng/ml
Hydromorphone	1.589	78260	444844.54	77.1	2404.45	99026	24.6463 ng/ml
Hydroxyzine	5.656	343713	19093.08	71.0	24072.81	361990	23.7303 ng/ml
Ketamine	4.001	244662	649.63	37.4	320.30	425511	26.7403 ng/ml
Lamotrigine	4.225	23257	246.44	80.6	718.62	1220894	26.5599 ng/ml
Lorazepam	5.706	126168	1465.07	58.9	159.41	412317	26.0795 ng/ml
MDA	3.147	367968	1450.18	28.4	200.97	450856	27.1343 ng/ml
MDMA	3.248	267863	138.84	79.6	1919.23	116889	24.2225 ng/ml
Meprobamate	4.861	123027	274500.99	30.5	812.72	214887	27.7901 ng/ml
Methadone	5.618	520548	563.08	53.4	∞	924802	23.6385 ng/ml
Methamphetamine	3.182	655431	13020.24	37.3	307.11	758857	26.5170 ng/ml
Metoprolol	4.279	72866	54940.04	100.6	1194.98	1210570	26.2795 ng/ml
Mirtazapine	4.580	491671	471052.60	54.1	138302.37	634851	24.5981 ng/ml
Mitragynine	5.177	116320	858.79	35.7	29980.31	924802	23.8761 ng/ml
Morphine	1.233	14950	282.06	43.2	889.59	13153	25.8114 ng/ml
Norbuprenorphine	4.944	1451	984.46	79.1	2432.69	25098	2.7338 ng/ml
Nordiazepam	5.853	146797	693.24	57.8	490.75	198672	24.9990 ng/ml
Norfentanyl	4.035	57242	66732.05	36.6	102.50	1029687	2.4176 ng/ml
Norhydrocodone	3.023	20626	89.80	40.2	63.11	49572	22.2235 ng/ml
Noroxycodone	2.866	66136	654.50	49.9	917.47	98185	24.9191 ng/ml
O-desmethyl-tramadol	3.321	612789	11474.21	5.6	663.30	1422777	24.1018 ng/ml
o-desmethylvenlafaxine	4.020	491964	8914.52	27.2	144.46	24337	24.3325 ng/ml
Olanzapine	4.393	118437	1089.55	60.7	1465.76	115032	24.4107 ng/ml
Oxazepam	5.708	203588	3905.06	72.9	115.09	412317	25.8421 ng/ml
Oxycodone	2.791	175039	1848.64	27.4	799.96	290970	25.2943 ng/ml
Oxymorphone	1.379	47194	166.76	45.4	205.96	69232	25.5242 ng/ml
Phentermine	3.731	144374	340.90	5.5	65.69	627150	26.4053 ng/ml
Promethazine	5.503	521586	1082.89	28.3	10321.59	1106780	23.9097 ng/ml
Pseudoephedrine	2.538	664815	11140.35	16.0	5125.41	1220894	24.3631 ng/ml
Quetiapine	5.492	371231	370.28	55.1	232.12	210800	26.9056 ng/ml
Sertraline	5.735	114850	312.41	93.1	159.44	203485	24.2851 ng/ml
Temazepam	5.776	351593	5260.00	28.2	1246.84	620074	24.2169 ng/ml
Tramadol	4.197	574186	470.75	3.5	314.83	1210570	24.8339 ng/ml
Trazodone	5.054	477329	302.95	61.9	236794.99	623939	23.9139 ng/ml
Venlafaxine	4.996	562461	523.29	33.4	284.60	1129720	24.7472 ng/ml
Xylazine	4.035	210553	20008.60	43.0	140.49	397885	24.4716 ng/ml
Zolpidem	4.824	527809	494918.84	29.5	268177.50	894796	25.2156 ng/ml

AM #28 Multi-Drug Quant. Results

TS

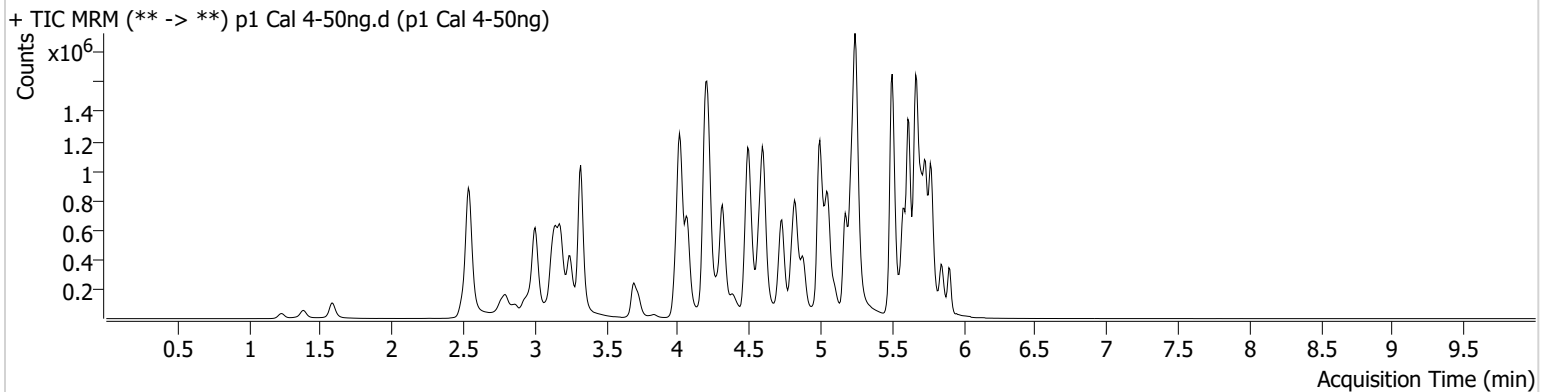


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Calibration Last Update 6/18/2024 3:54:38 PM

Instrument Falco (069901) **Data File** p1 Cal 4-50ng.d
Type Cal **Sample** p1 Cal 4-50ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P6-E12 **Comment**
Injection Volume 2
Acq. Date-Time 6/14/2024 12:19:04 PM
Sample Info.

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.
6-MAM	3.089	12895	19853.29	75.7	19295.26	72669	4.9343 ng/ml
7-aminoclonazepam	4.210	148143	445.42	76.6	1104.82	140724	54.6884 ng/ml
9-hydroxyrisperidone	4.596	42084	98.65	2985.2	19386.58	1088889	49.6555 ng/ml
a-hydroxyalprazolam	5.651	84993	491.72	64.2	342.59	68739	51.6052 ng/ml
alpha-PHP	4.881	224470	3672.21	270.0	8073.40	649132	49.3272 ng/ml
alpha-PVP	4.315	843595	939.89	46.9	1581.52	649132	49.0817 ng/ml
Alprazolam	5.734	355003	1156.14	106.8	986.37	274518	48.8016 ng/ml
Amphetamine	3.006	1218532	455.03	46.4	30073.09	314919	53.9713 ng/ml
Benzoylcegonine	3.835	19557	791.58	39.4	77.52	15137	47.1898 ng/ml
Bromazolam	5.766	181094	2753.98	116.4	7516.86	159224	50.6291 ng/ml
Buprenorphine	5.696	18703	960.95	14.3	2969.25	136436	4.5572 ng/ml
Bupropion	4.731	910047	447.74	63.4	14945.76	540892	49.6822 ng/ml
Carisoprodol	5.682	383436	9818.85	61.1	1199.08	345937	47.0177 ng/ml
Citalopram	5.173	650230	1070.70	36.4	1095.91	571704	48.7160 ng/ml
Clonazepam	5.570	366009	4481.04	36.9	463.32	109213	52.5630 ng/ml
Clonazolam	5.513	291883	12386.86	34.9	13154.02	109213	52.0167 ng/ml
Cocaine	4.216	585071	563.18	50.9	377.15	942162	48.6460 ng/ml
Codeine	2.542	57320	153.91	101.3	155.30	57629	54.4914 ng/ml
Cyclobenzaprine	5.586	623285	2497.26	8.8	1309.06	514133	48.7956 ng/ml
Dextromethorphan	5.230	385102	640456.40	83.6	1092.39	368008	50.3594 ng/ml
Dextrorphan	4.068	246324	2451.92	208.3	9799.29	579309	50.5868 ng/ml
Diazepam	5.906	197726	413.09	94.1	4154.93	205608	49.7110 ng/ml
Dihydrocodeine	2.521	160857	115.93	62.0	627.01	181828	54.2274 ng/ml
Diphenhydramine	5.251	1714806	819.61	31.1	352.48	1925125	47.8774 ng/ml
Doxylamine	4.497	1431470	865.56	100.5	53062.02	1270177	48.7898 ng/ml
Duloxetine	5.612	84556	43798.23	12.4	608.16	92663	49.3646 ng/ml
EDDP	5.215	653310	561.19	41.5	1398.91	655177	49.0761 ng/ml
Etizolam	5.773	190127	290.70	26.2	37866.12	109213	45.9832 ng/ml
Fentanyl	5.042	67097	212.75	74.7	63739.20	670436	5.0216 ng/ml
Fluorofentanyl	5.096	172763	818.78	42.6	87158.33	7592	4.7612 ng/ml
Fluoxetine	5.673	844332	259.98	7.8	532.89	671218	47.9835 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	215101	144.36	35.5	134.85	214387	52.8210 ng/ml
Hydromorphone	1.589	161361	772809.60	75.4	2000.32	100221	50.1896 ng/ml
Hydroxyzine	5.656	713558	21771.65	72.2	402065.84	368008	47.8982 ng/ml
Ketamine	4.001	496966	2076.95	36.6	375.86	439351	53.2604 ng/ml
Lamotrigine	4.218	47196	2462.23	85.0	298.58	1234087	53.9591 ng/ml
Lorazepam	5.706	209308	2316.47	54.8	2420.74	354479	50.8142 ng/ml
MDA	3.147	705069	67.23	28.2	888.78	437188	54.4250 ng/ml
MDMA	3.248	553272	2462.12	79.8	206.14	117739	49.3084 ng/ml
Meprobamate	4.854	232275	204.26	30.0	835.49	207439	54.8601 ng/ml
Methadone	5.618	1085781	429.28	54.0	345.55	925987	48.5206 ng/ml
Methamphetamine	3.182	1167767	85.65	37.3	874.92	781939	52.3018 ng/ml
Metoprolol	4.279	148806	174.12	103.9	3064.74	1225536	53.3205 ng/ml
Mirtazapine	4.573	1012531	3775.68	55.5	162.96	649132	49.2321 ng/ml
Mitragynine	5.177	249718	122404.80	34.0	110743.89	925987	50.8588 ng/ml
Morphine	1.227	28679	274.39	46.6	1421.83	13159	50.7509 ng/ml
Norbuprenorphine	4.944	2670	496.86	109.1	27.46	26427	4.8486 ng/ml
Nordiazepam	5.853	291083	40415.96	56.6	4870.03	193893	50.9098 ng/ml
Norfentanyl	4.035	112898	11577.61	36.7	237.79	1015099	4.7559 ng/ml
Norhydrocodone	3.023	44142	309.57	39.6	51.74	49676	46.0055 ng/ml
Noroxycodone	2.866	135345	298.78	48.8	515.98	99134	50.6067 ng/ml
O-desmethyl-tramadol	3.321	1254486	1013.90	5.8	2800.18	1461641	47.5905 ng/ml
o-desmethylvenlafaxine	4.013	1013940	31942.82	27.0	173.16	24930	48.4850 ng/ml
Olanzapine	4.387	228036	1270.19	61.7	781.88	112108	47.4194 ng/ml
Oxazepam	5.708	355829	219.82	67.0	155.18	354479	52.7554 ng/ml
Oxycodone	2.791	362086	776.45	28.5	2170.39	298442	50.8925 ng/ml
Oxymorphone	1.379	93335	∞	46.3	∞	68706	50.8524 ng/ml
Phentermine	3.731	299387	209.34	5.3	601.46	643490	53.7183 ng/ml
Promethazine	5.503	1137169	25476.24	29.6	77958.25	1191478	47.7604 ng/ml
Pseudoephedrine	2.545	1346395	89.89	16.5	68.20	1234087	48.4053 ng/ml
Quetiapine	5.492	749998	637956.42	56.6	294909.43	218192	53.0666 ng/ml
Sertraline	5.735	329314	808.63	91.1	12531.38	286211	49.1646 ng/ml
Temazepam	5.776	652924	9777.22	28.2	400.18	550504	50.3245 ng/ml
Tramadol	4.197	1167252	855.78	3.6	71.64	1225536	49.4092 ng/ml
Trazodone	5.047	1024248	71719.70	62.8	74.14	656986	48.1012 ng/ml
Venlafaxine	4.989	1154461	57592.28	33.0	238.03	1176593	48.0159 ng/ml
Xylazine	4.035	423655	47082.77	45.6	390.55	399042	48.7465 ng/ml
Zolpidem	4.824	1101634	6171.73	29.6	355622.13	935809	50.2209 ng/ml

AM #28 Multi-Drug Quant. Results

TS



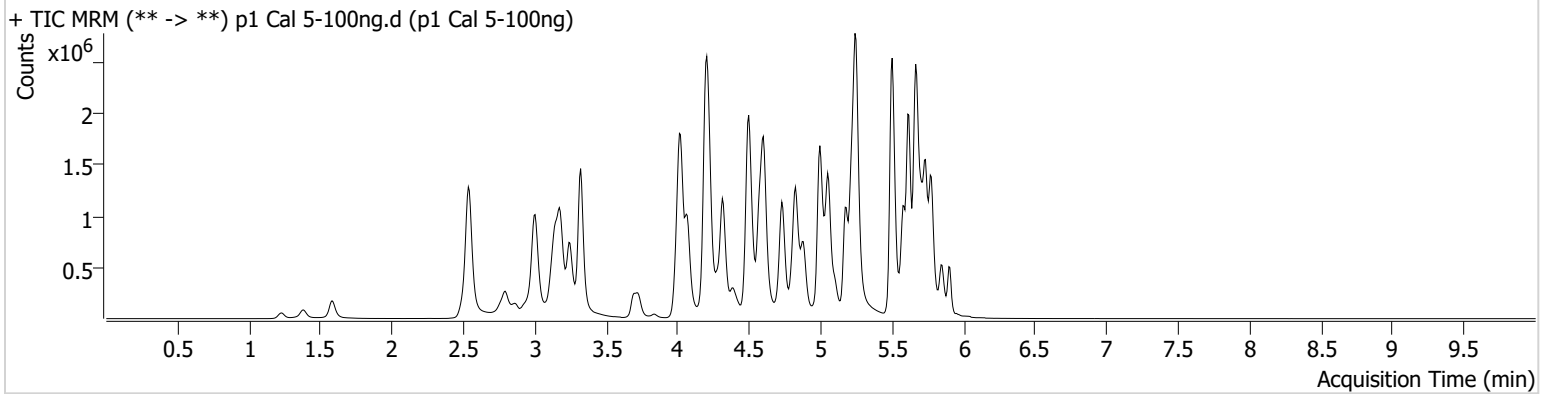
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Calibration Last Update 6/18/2024 3:54:38 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-D12
Injection Volume 2
Acq. Date-Time 6/14/2024 12:29:49 PM
Sample Info.

Data File p1 Cal 5-100ng.d
Sample p1 Cal 5-100ng
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.
6-MAM	3.089	25220	170.72	72.6	40511.78	68578	10.1929 ng/ml
7-aminoclonazepam	4.217	249275	3951.98	76.4	2900.16	120733	107.4746 ng/ml
9-hydroxyrisperidone	4.603	78529	126074.20	3057.3	7982.89	1000332	100.2298 ng/ml
a-hydroxyalprazolam	5.651	141707	414.02	65.4	490.52	56938	104.2125 ng/ml
alpha-PHP	4.881	421916	2189.73	264.7	15496.40	606585	99.0692 ng/ml
alpha-PVP	4.322	1554547	2126.68	47.8	664.06	606585	96.4343 ng/ml
Alprazolam	5.734	637244	1051.46	103.7	1194.41	237970	100.7802 ng/ml
Amphetamine	3.006	2113713	147.33	47.2	131.11	300061	99.3259 ng/ml
Benzoylcegonine	3.835	39431	1825.95	35.5	319.48	14444	100.3841 ng/ml
Bromazolam	5.766	308113	344830.88	113.8	286527.81	133904	102.6149 ng/ml
Buprenorphine	5.696	34446	50130.68	13.9	8102.24	122432	9.2148 ng/ml
Bupropion	4.731	1722967	863.67	61.8	240172.62	504881	100.4963 ng/ml
Carisoprodol	5.682	636478	27382.16	61.4	263.52	275692	97.3587 ng/ml
Citalopram	5.173	1214370	12902.40	35.9	928356.70	530461	97.4197 ng/ml
Clonazepam	5.570	612071	122262.67	36.3	3827.01	90930	105.9482 ng/ml
Clonazolam	5.513	497707	70922.41	34.9	225603.55	90930	107.3882 ng/ml
Cocaine	4.216	1101541	22182.12	51.2	5827.38	869610	99.0107 ng/ml
Codeine	2.542	101199	471.99	100.8	6316.11	51990	107.3892 ng/ml
Cyclobenzaprine	5.586	1150924	726.77	8.6	738.07	477970	96.2453 ng/ml
Dextromethorphan	5.230	705557	45536.12	82.3	611.19	342158	98.9628 ng/ml
Dextrorphan	4.068	453403	4008.80	207.3	5551.65	541060	99.3250 ng/ml
Diazepam	5.906	353030	901.05	92.8	1990.15	191111	95.8233 ng/ml
Dihydrocodeine	2.521	289568	2722.03	63.5	385.07	173101	103.2880 ng/ml
Diphenhydramine	5.251	3257543	31740.16	30.8	12392.24	1764901	98.6764 ng/ml
Doxylamine	4.497	2752362	1302.99	99.8	1260.32	1212161	97.6291 ng/ml
Duloxetine	5.612	142871	7185.66	13.3	580.83	77284	99.8599 ng/ml
EDDP	5.215	1172798	699.48	42.6	1258.97	586625	97.9498 ng/ml
Etizolam	5.773	331930	2057.62	26.0	318.24	90930	95.7368 ng/ml
Fentanyl	5.049	121324	1809.60	78.6	213433.14	616192	9.8270 ng/ml
Fluorofentanyl	5.103	316806	∞	42.9	445.23	7218	9.0341 ng/ml
Fluoxetine	5.673	1470547	32314.48	7.4	8354.68	579057	96.0993 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	394255	∞	36.6	140.65	201310	103.0119 ng/ml
Hydromorphone	1.582	303470	5120.08	75.3	180575.08	94215	100.3858 ng/ml
Hydroxyzine	5.656	1335491	25177.21	70.7	16419.76	342158	95.8731 ng/ml
Ketamine	4.001	924711	1135.88	36.4	810.51	413874	105.8637 ng/ml
Lamotrigine	4.225	82343	3796.25	88.6	502.51	1111930	105.0761 ng/ml
Lorazepam	5.706	291680	10766.49	54.7	381.51	274898	91.7310 ng/ml
MDA	3.147	1237418	17498.50	27.9	437.53	400458	105.0358 ng/ml
MDMA	3.248	1035414	145493.53	79.8	7906.57	109690	98.7019 ng/ml
Meprobamate	4.861	389415	322.41	30.8	458.52	184083	104.1173 ng/ml
Methadone	5.618	2004555	837.02	53.4	59136.27	847699	97.1726 ng/ml
Methamphetamine	3.182	2061423	27123.59	36.6	15225.99	729320	106.8869 ng/ml
Metoprolol	4.279	278181	320875.71	102.5	1588.19	1163007	105.3320 ng/ml
Mirtazapine	4.573	1909935	1019.06	53.8	34926.30	606585	99.0687 ng/ml
Mitragynine	5.177	445609	340036.51	35.8	123.45	847699	98.8599 ng/ml
Morphine	1.227	54172	589.30	44.2	215.59	12005	106.5425 ng/ml
Norbuprenorphine	4.944	5036	4792.42	100.3	5967.19	25962	9.3957 ng/ml
Nordiazepam	5.853	507384	∞	55.4	695.68	166077	103.7208 ng/ml
Norfentanyl	4.035	206538	10110.14	36.3	712.51	883631	9.9061 ng/ml
Norhydrocodone	3.023	87777	389.58	40.1	96.24	46484	96.3229 ng/ml
Noroxycodone	2.866	249458	∞	48.9	1365.33	90567	102.1955 ng/ml
O-desmethyl-tramadol	3.321	2410865	2696.29	5.7	3923.80	1355425	98.1530 ng/ml
o-desmethylvenlafaxine	4.020	1872788	52838.95	26.8	303.16	23225	95.6742 ng/ml
Olanzapine	4.387	458034	3064.00	63.1	2142.88	110284	95.9612 ng/ml
Oxazepam	5.708	513783	241.09	71.5	2611.75	274898	98.4082 ng/ml
Oxycodone	2.791	680182	3954.89	29.1	1006.74	280589	101.5659 ng/ml
Oxymorphone	1.379	172815	∞	45.7	∞	63245	102.2750 ng/ml
Phentermine	3.731	551060	332.75	5.1	84.23	597502	106.8242 ng/ml
Promethazine	5.503	2098882	39385.60	29.7	2462.58	1090884	95.6244 ng/ml
Pseudoephedrine	2.545	2499123	74170.87	16.4	24595.58	1111930	99.2880 ng/ml
Quetiapine	5.492	1369425	510.25	56.9	2049208.38	205726	103.3076 ng/ml
Sertraline	5.735	552920	667.51	90.3	1009.46	237988	98.9384 ng/ml
Temazepam	5.776	1027900	15607.84	28.2	203.48	448353	96.9943 ng/ml
Tramadol	4.197	2233042	∞	3.7	178.46	1163007	99.1434 ng/ml
Trazodone	5.054	1877916	51828.11	63.2	230706.11	601123	95.7760 ng/ml
Venlafaxine	4.996	2186665	16878.27	33.2	749.61	1106058	95.9578 ng/ml
Xylazine	4.035	798392	61827.80	45.5	2052.64	366465	99.6648 ng/ml
Zolpidem	4.824	2098835	3301790.39	29.3	431872.55	879583	101.6918 ng/ml

AM #28 Multi-Drug Quant. Results

TS



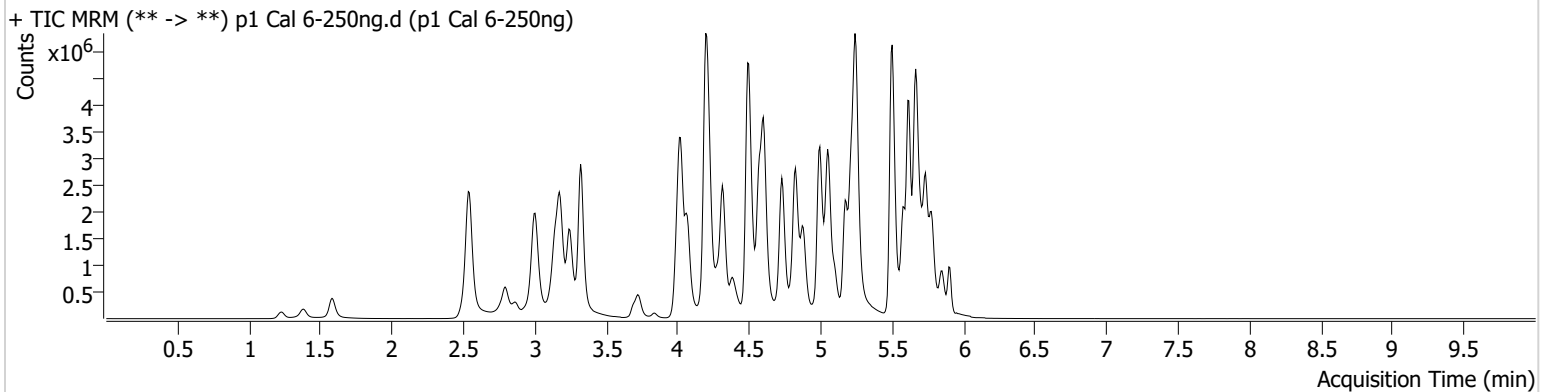
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Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P6-C12
Injection Volume 2
Acq. Date-Time 6/14/2024 12:40:26 PM
Sample Info.

Data File p1 Cal 6-250ng.d
Sample p1 Cal 6-250ng
Operator Tamara Salazar

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.
6-MAM	3.089	61166	263.49	70.6	405.31	66774	25.3419 ng/ml
7-aminoclonazepam	4.217	500249	13640.82	73.2	394.61	101425	257.0521 ng/ml
9-hydroxyrisperidone	4.603	190871	5238.52	3254.3	1112099.47	972558	249.6581 ng/ml
a-hydroxyalprazolam	5.651	236941	871.05	64.1	325.69	38907	255.4912 ng/ml
alpha-PHP	4.881	1039494	17344.77	263.4	93456.53	582944	253.7483 ng/ml
alpha-PVP	4.315	3859381	72162.67	48.7	1315.07	582944	248.5410 ng/ml
Alprazolam	5.734	1325448	1038.17	102.5	1166.55	194795	255.6853 ng/ml
Amphetamine	3.006	4315314	14316.60	47.2	102273.61	298018	205.5475 ng/ml
Benzoylcegonine	3.835	105694	401.16	36.9	816.23	14669	265.9537 ng/ml
Bromazolam	5.766	572000	25792.78	118.9	5715.49	103417	246.9136 ng/ml
Buprenorphine	5.696	84432	11027.05	14.6	7339.39	111443	24.5912 ng/ml
Bupropion	4.731	4328894	25786.63	62.2	23756.45	500825	254.1288 ng/ml
Carisoprodol	5.682	1068654	74765.18	62.9	2210.49	183567	244.6983 ng/ml
Citalopram	5.173	2825819	1521.16	35.9	1821.05	471644	253.9487 ng/ml
Clonazepam	5.570	1073384	20033.96	36.9	32080.98	70662	239.5619 ng/ml
Clonazolam	5.513	878645	787851.49	36.0	506885.69	70662	245.0016 ng/ml
Cocaine	4.216	2591391	1284.43	50.7	40486.69	805935	251.0036 ng/ml
Codeine	2.542	221605	259.95	96.1	215.26	47390	259.0851 ng/ml
Cyclobenzaprine	5.586	2781068	93998.92	8.3	9994.17	442116	250.3215 ng/ml
Dextromethorphan	5.223	1617965	38657.31	79.6	∞	308931	250.9152 ng/ml
Dextrorphan	4.068	1042945	2072285.55	210.4	1293.82	493359	249.9812 ng/ml
Diazepam	5.906	802020	481.49	93.3	7123.64	174670	238.7214 ng/ml
Dihydrocodeine	2.521	655453	195.73	65.9	593.67	166723	243.8767 ng/ml
Diphenhydramine	5.251	7703352	101926.03	30.7	2500.55	1630219	251.8530 ng/ml
Doxylamine	4.497	7214155	108788.67	98.8	4242.63	1220517	253.0806 ng/ml
Duloxetine	5.606	309895	8089.18	13.1	1878.73	66321	252.1888 ng/ml
EDDP	5.215	2889631	∞	41.6	39701.29	559280	252.4353 ng/ml
Etizolam	5.773	713527	2587.29	27.3	8190.12	70662	263.7287 ng/ml
Fentanyl	5.042	304200	1374.43	78.9	3953.85	611938	24.7286 ng/ml
Fluorofentanyl	5.096	867384	36723.06	40.7	2574.39	7804	22.6297 ng/ml
Fluoxetine	5.673	3081348	23542.82	7.8	383.42	469726	247.0316 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	926443	∞	39.7	∞	204783	237.8314 ng/ml
Hydromorphone	1.582	745986	2505843.36	75.9	3061.18	94044	247.1870 ng/ml
Hydroxyzine	5.656	3147176	858.71	74.1	838.37	308931	249.3651 ng/ml
Ketamine	3.994	2138579	1440.23	35.8	809.50	401399	253.3776 ng/ml
Lamotrigine	4.225	167761	942.45	89.3	3260.94	1016146	235.0316 ng/ml
Lorazepam	5.706	380929	14348.49	54.2	1733.58	146473	225.6021 ng/ml
MDA	3.147	2497850	8578.01	27.8	4509.11	329563	258.8364 ng/ml
MDMA	3.248	2508247	142192.51	80.3	343.35	101729	257.2571 ng/ml
Meprobamate	4.861	729138	55937.68	29.7	4159.44	148285	242.7158 ng/ml
Methadone	5.618	4996583	1018.54	52.6	120483.85	799136	255.8363 ng/ml
Methamphetamine	3.182	4872074	44523.45	35.9	174.55	754920	255.4116 ng/ml
Metoprolol	4.279	644998	422188.67	104.7	2220.85	1080598	263.3039 ng/ml
Mirtazapine	4.573	4711963	205.04	53.3	617.40	582944	253.8430 ng/ml
Mitragynine	5.177	1090480	4657.42	34.7	502643.34	799136	256.1634 ng/ml
Morphine	1.227	129694	515.78	45.5	519.97	12252	251.7801 ng/ml
Norbuprenorphine	4.944	12953	5656.83	100.3	12045.81	25302	24.9514 ng/ml
Nordiazepam	5.853	998057	1787.93	55.4	20365.86	131238	258.3568 ng/ml
Norfentanyl	4.035	427930	45888.84	37.7	2907.55	704067	25.6300 ng/ml
Norhydrocodone	3.023	228763	303.97	39.2	179.00	44206	261.7348 ng/ml
Noroxycodone	2.866	572482	5312.89	49.8	986.25	84678	250.9803 ng/ml
O-desmethyl-tramadol	3.321	6126057	6355.17	5.7	629.11	1335645	252.4057 ng/ml
o-desmethylvenlafaxine	4.013	4229797	67619.45	26.5	106.82	19668	254.3801 ng/ml
Olanzapine	4.387	1242181	3314.28	62.5	5936.69	113822	250.8110 ng/ml
Oxazepam	5.708	699651	8797.55	68.3	3341.87	146473	251.8354 ng/ml
Oxycodone	2.791	1691339	11163.95	29.2	1616.13	278722	254.0659 ng/ml
Oxymorphone	1.379	409574	∞	46.5	208.09	63341	242.0108 ng/ml
Phentermine	3.731	1224200	∞	4.9	744.87	596076	238.3044 ng/ml
Promethazine	5.503	5291641	43115.51	29.6	13972.60	1031619	253.8592 ng/ml
Pseudoephedrine	2.545	5830278	41754.16	16.0	42511.97	1016146	252.8348 ng/ml
Quetiapine	5.492	3105652	∞	58.9	39999.48	198896	243.1105 ng/ml
Sertraline	5.742	1205941	555.38	91.1	26126.17	205116	249.8672 ng/ml
Temazepam	5.783	1630350	2467.62	28.2	4577.50	269703	255.2519 ng/ml
Tramadol	4.197	5342010	2091.88	3.6	258.24	1080598	254.5475 ng/ml
Trazodone	5.054	4574848	112882.61	67.4	115.31	572999	243.8279 ng/ml
Venlafaxine	4.996	5483134	81554.08	31.8	20958.75	1054381	251.1429 ng/ml
Xylazine	4.035	1875663	167879.77	47.9	4211.11	341320	250.8623 ng/ml
Zolpidem	4.824	5406290	143987.25	28.3	6299.25	888900	259.0388 ng/ml

AM #28 Multi-Drug Quant. Results

TS

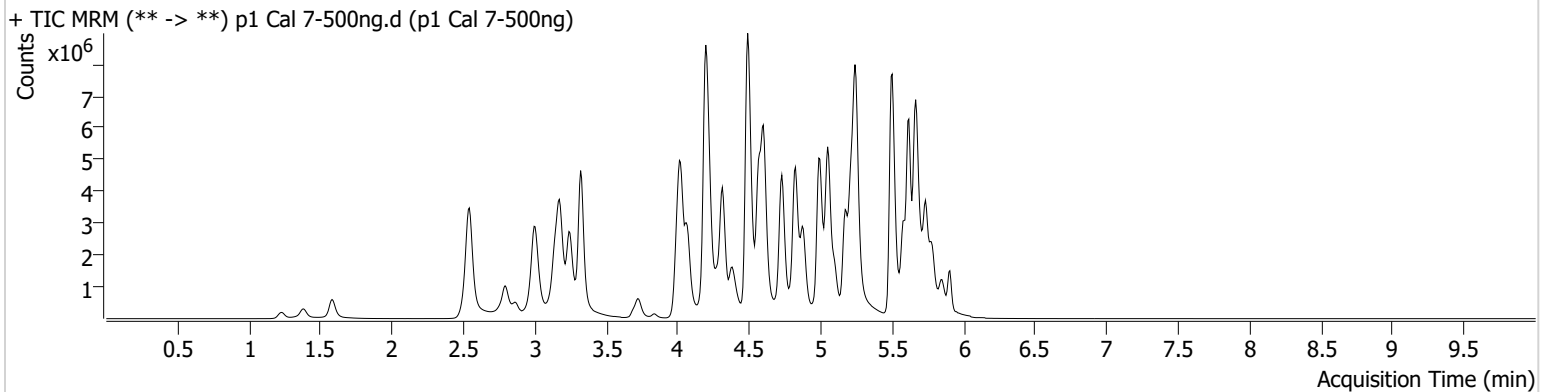


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Calibration Last Update 6/18/2024 3:54:38 PM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-B12	Comment	
Injection Volume	2		
Acq. Date-Time	6/14/2024 12:51:04 PM		
Sample Info.			

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.
6-MAM	3.089	109354	2953.32	69.4	6837.24	59157	51.1094 ng/ml
7-aminoclonazepam	4.217	623653	79.57	78.2	77.20	73040	445.1619 ng/ml
9-hydroxyrisperidone	4.596	336861	2316.63	3348.5	3732.15	847263	505.1444 ng/ml
a-hydroxyalprazolam	5.651	289450	153.97	62.7	579.43	26214	463.5147 ng/ml
alpha-PHP	4.881	1804911	12332.75	268.2	161829.10	502039	511.4440 ng/ml
alpha-PVP	4.315	6920524	1267.69	48.8	889.02	502039	517.1013 ng/ml
Alprazolam	5.734	1988275	685.90	102.0	816.30	145332	513.8294 ng/ml
Amphetamine	3.006	6450361	66906.47	46.8	41829.19	247266	371.3521 ng/ml
Benzoylcegonine	3.835	147055	274.74	37.2	477.35	10917	497.7155 ng/ml
Bromazolam	5.766	804258	793487.52	119.1	69953.26	72670	494.2461 ng/ml
Buprenorphine	5.696	140151	82127.63	14.5	21060.46	85292	53.1812 ng/ml
Bupropion	4.731	7691499	36103.46	62.2	15767.31	447333	505.2609 ng/ml
Carisoprodol	5.689	1408729	2259.37	59.9	27673.53	112234	526.9697 ng/ml
Citalopram	5.173	4487739	60235.40	35.3	∞	369924	513.5553 ng/ml
Clonazepam	5.563	1360662	1002.48	36.9	17213.38	50856	422.2292 ng/ml
Clonazolam	5.520	1103225	1673183.49	36.3	509361.16	50856	428.0383 ng/ml
Cocaine	4.216	4374925	1078.73	51.0	694.82	675328	505.4980 ng/ml
Codeine	2.542	325832	6758.94	99.4	110.33	40244	449.1561 ng/ml
Cyclobenzaprine	5.586	4603583	30711.98	7.8	709.24	348277	525.2559 ng/ml
Dextromethorphan	5.223	2515377	1746.72	81.2	65782.81	239528	502.8312 ng/ml
Dextrorphan	4.068	1755807	51202.48	206.4	1387.35	408447	507.9404 ng/ml
Diazepam	5.906	1467762	7010.69	92.8	2891.90	148315	514.9337 ng/ml
Dihydrocodeine	2.514	1079022	7532.00	67.3	4692.90	156940	427.1303 ng/ml
Diphenhydramine	5.251	12807899	102360.80	30.6	56831.41	1312537	519.5638 ng/ml
Doxylamine	4.490	13822423	153144.50	95.6	1545.42	1113327	530.8639 ng/ml
Duloxetine	5.606	435593	27498.33	12.8	410.39	45824	512.8849 ng/ml
EDDP	5.215	4871904	24094.97	40.7	1354.35	455860	521.6880 ng/ml
Etizolam	5.773	1129619	14335.63	26.5	5180.80	50856	579.3795 ng/ml
Fentanyl	5.042	542665	7895.53	76.7	535.09	525648	51.2970 ng/ml
Fluorofentanyl	5.096	1628953	44579.44	41.6	44461.67	6502	50.8043 ng/ml
Fluoxetine	5.673	4674220	48249.14	7.4	111.52	329283	533.6771 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.975	1736623	1221.23	38.4	∞	186786	488.6709 ng/ml
Hydromorphone	1.582	1258124	5500897.50	75.1	3487578.34	77001	509.1332 ng/ml
Hydroxyzine	5.656	5216548	61544.59	76.3	167726.43	239528	532.4804 ng/ml
Ketamine	3.994	3489656	2169.63	35.7	1780.48	354175	469.1557 ng/ml
Lamotrigine	4.225	252660	72.84	84.0	3531.11	838051	429.7196 ng/ml
Lorazepam	5.706	415113	11411.32	55.1	605.82	78003	462.2027 ng/ml
MDA	3.147	3477809	154.01	27.5	5452.43	259806	457.7788 ng/ml
MDMA	3.248	4313280	103754.35	81.1	18667.11	87697	512.8312 ng/ml
Meprobamate	4.854	979557	9561.81	30.5	929.01	104621	462.6482 ng/ml
Methadone	5.618	8353659	125849.73	53.1	2409.33	660854	516.5453 ng/ml
Methamphetamine	3.175	8310217	57309.08	35.8	28448.60	687733	485.9311 ng/ml
Metoprolol	4.279	1039394	29393.63	103.8	47002.75	941939	487.0236 ng/ml
Mirtazapine	4.566	8196499	7360.77	52.4	422.19	502039	512.4085 ng/ml
Mitragynine	5.177	1783871	7300.13	33.2	726113.31	660854	506.4465 ng/ml
Morphine	1.227	219051	1372.33	44.4	∞	10455	499.6802 ng/ml
Norbuprenorphine	4.944	24723	132.29	90.0	634.93	24029	50.2435 ng/ml
Nordiazepam	5.853	1416450	∞	54.8	9506.09	94836	507.5111 ng/ml
Norfentanyl	4.035	621223	14499.14	38.3	429.92	486936	53.7091 ng/ml
Norhydrocodone	3.023	407026	414.72	41.8	212.44	38799	529.2836 ng/ml
Noroxycodone	2.866	972703	37237.35	48.1	733.00	73176	493.5607 ng/ml
O-desmethyl-tramadol	3.321	11061063	∞	5.6	437.60	1169810	519.8760 ng/ml
o-desmethylvenlafaxine	4.013	5775911	178709.44	29.6	10085.10	14417	473.4879 ng/ml
Olanzapine	4.380	2744953	3686.06	63.6	881.70	119372	527.5566 ng/ml
Oxazepam	5.708	697424	19113.22	69.5	7120.75	78003	471.5749 ng/ml
Oxycodone	2.791	3121747	7209.64	29.3	5456.66	264446	494.1390 ng/ml
Oxymorphone	1.379	769488	∞	47.4	∞	57043	504.8657 ng/ml
Phentermine	3.731	1971324	681.08	4.8	94.96	537165	426.0975 ng/ml
Promethazine	5.503	9084951	36196.54	28.9	2607.11	864095	519.6571 ng/ml
Pseudoephedrine	2.545	9583307	205561.06	16.1	47510.61	838051	503.5019 ng/ml
Quetiapine	5.492	4861613	674.62	59.8	67619.27	177657	426.4979 ng/ml
Sertraline	5.742	1776998	1313.36	89.4	19013.43	146610	514.7667 ng/ml
Temazepam	5.783	1866406	19475.81	27.5	2731.68	161094	488.9394 ng/ml
Tramadol	4.197	9507331	644.18	3.4	213.41	941939	519.2397 ng/ml
Trazodone	5.047	7989207	211.61	70.2	136568.19	480291	507.3359 ng/ml
Venlafaxine	4.989	9900120	∞	30.6	∞	911834	523.4961 ng/ml
Xylazine	4.028	3267081	75751.21	48.4	7416.71	288769	516.1092 ng/ml
Zolpidem	4.824	9712421	5024.23	27.2	6012.07	828875	498.9696 ng/ml

AM #28 Multi-Drug Quant. Results

TS

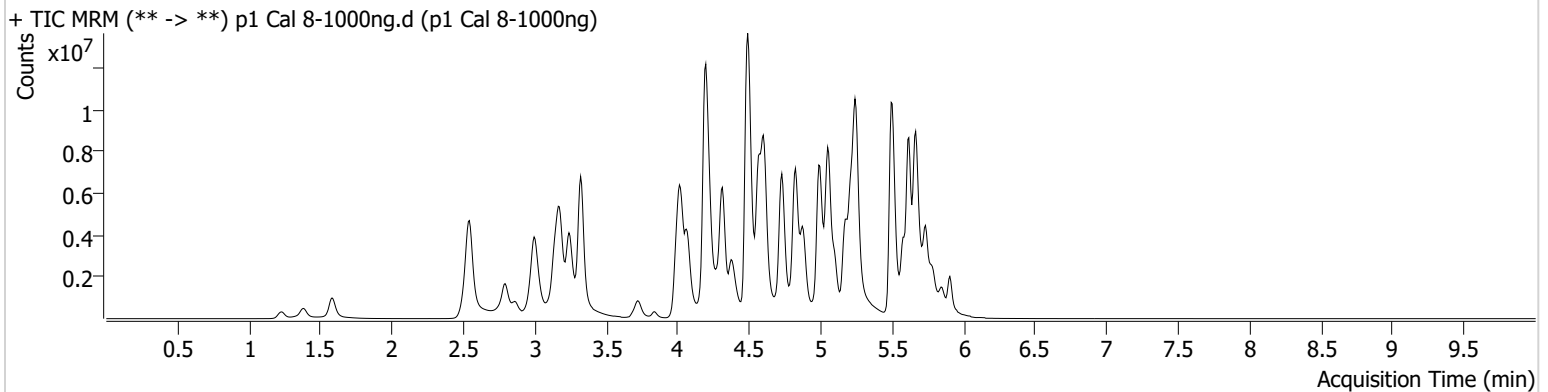


Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 TS.batch.bin
Calibration Last Update 6/18/2024 3:54:38 PM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P6-A12	Comment	
Injection Volume	2		
Acq. Date-Time	6/14/2024 1:01:43 PM		
Sample Info.			

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.
6-MAM	3.089	178693	1038.26	70.9	891.37	49257	100.2715 ng/ml
7-aminoclonazepam	4.223	665866	4152.94	71.4	872.96	39991	868.2973 ng/ml
9-hydroxyrisperidone	4.603	535332	22657.48	3344.7	24167.05	666729	1019.5087 ng/ml
a-hydroxyalprazolam	5.644	287640	388.75	65.4	151.69	13728	879.8681 ng/ml
alpha-PHP	4.881	2855217	10054.87	273.0	32382.66	407007	997.8290 ng/ml
alpha-PVP	4.315	11268581	1585.68	48.9	1284.06	407007	1038.2153 ng/ml
Alprazolam	5.734	2653179	342.38	101.7	284.47	102600	971.0021 ng/ml
Amphetamine	2.999	8834537	61.90	46.8	349884.16	210853	597.2359 ng/ml
Benzoylcegonine	3.835	355363	14051.96	36.4	950.56	12392	1060.2794 ng/ml
Bromazolam	5.766	948680	11122.71	121.8	80216.86	44642	949.1904 ng/ml
Buprenorphine	5.696	191543	738.87	15.2	31908.34	53305	116.1409 ng/ml
Bupropion	4.731	12386364	6634.17	60.6	18059.25	368009	988.8009 ng/ml
Carisoprodol	5.689	1615558	184010.26	60.8	698.34	62569	1083.4768 ng/ml
Citalopram	5.173	6391014	∞	34.6	∞	261202	1035.1368 ng/ml
Clonazepam	5.563	1318887	27735.82	36.4	7293.61	28751	724.1848 ng/ml
Clonazolam	5.520	1181835	135.29	36.7	14632.82	28751	811.8060 ng/ml
Cocaine	4.216	6543198	123935.56	51.6	821.95	494744	1031.7657 ng/ml
Codeine	2.542	468738	190.35	101.1	75.21	31666	821.8266 ng/ml
Cyclobenzaprine	5.586	6375587	45147.16	7.8	280.03	243639	1039.1845 ng/ml
Dextromethorphan	5.223	3653047	600.59	78.2	196916.60	171905	1017.2291 ng/ml
Dextrorphan	4.068	2610517	∞	217.9	9056.12	305211	1010.2638 ng/ml
Diazepam	5.906	2279698	∞	92.4	7992.29	108255	1096.1496 ng/ml
Dihydrocodeine	2.514	1724947	704.40	61.5	20560.19	139811	767.1426 ng/ml
Diphenhydramine	5.251	18980416	62491.16	31.2	26946.07	972417	1038.7682 ng/ml
Doxylamine	4.490	22655226	418068.29	97.0	113188.16	946469	1022.8755 ng/ml
Duloxetine	5.606	453284	7365.73	12.9	10245.34	25435	961.4295 ng/ml
EDDP	5.215	7310287	35471.73	41.7	2587.75	349631	1020.2056 ng/ml
Etizolam	5.773	1590122	12415.83	26.6	1523.24	28751	1441.6732 ng/ml
Fentanyl	5.042	868554	543.83	77.0	518.35	424384	101.6404 ng/ml
Fluorofentanyl	5.096	2830954	52290.13	42.3	21396.22	5577	102.7708 ng/ml
Fluoxetine	5.673	5628715	336967.67	7.5	12767.58	194506	1087.1748 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.975	2962727	2825.69	38.8	1771.65	160382	970.8404 ng/ml
Hydromorphone	1.582	2228955	5170057.93	77.0	18033.68	68821	1009.1986 ng/ml
Hydroxyzine	5.656	7498980	13925.29	78.7	140028.93	171905	1066.0307 ng/ml
Ketamine	3.994	5064356	128688.05	34.2	∞	281690	856.6226 ng/ml
Lamotrigine	4.232	284941	78.37	89.4	13738.77	625642	649.4776 ng/ml
Lorazepam	5.706	470234	4948.98	53.6	178.83	35618	1147.4020 ng/ml
MDA	3.140	4738065	4457.92	26.9	5426.41	193965	836.0481 ng/ml
MDMA	3.241	6463232	93379.86	79.6	34787.17	66940	1006.4030 ng/ml
Meprobamate	4.854	1176392	27346.80	29.7	8235.12	65847	883.2627 ng/ml
Methadone	5.618	12739166	3021.05	53.1	18597.27	493885	1053.3331 ng/ml
Methamphetamine	3.175	12845228	99245.14	35.2	207.69	615672	845.4545 ng/ml
Metoprolol	4.272	1442359	2606.67	104.3	284224.55	786478	809.6313 ng/ml
Mirtazapine	4.566	12956889	149837.71	51.3	136907.89	407007	998.8456 ng/ml
Mitragynine	5.177	2673457	3033.94	35.2	5067.33	493885	1015.3067 ng/ml
Morphine	1.227	372989	5856.58	44.9	∞	10088	882.8323 ng/ml
Norbuprenorphine	4.944	40455	1081.80	94.2	14014.90	19390	101.9792 ng/ml
Nordiazepam	5.853	1625159	∞	56.5	4628.86	62376	885.3930 ng/ml
Norfentanyl	4.035	734462	39314.21	38.0	12188.55	243174	127.0419 ng/ml
Norhydrocodone	3.023	685691	183.69	41.1	66.47	30598	1129.1568 ng/ml
Noroxycodone	2.859	1536646	∞	51.3	597.28	58252	979.5652 ng/ml
O-desmethyl-tramadol	3.321	18196385	349002.61	5.5	744.12	949543	1053.1780 ng/ml
o-desmethylvenlafaxine	4.013	8650097	113817.53	26.1	13727.19	8889	1149.4210 ng/ml
Olanzapine	4.380	4629773	15663.83	64.4	6859.74	101250	1048.2491 ng/ml
Oxazepam	5.708	660184	3163.63	67.7	76.27	35618	977.8227 ng/ml
Oxycodone	2.791	5349307	2326.81	29.2	3203.39	233880	957.2855 ng/ml
Oxymorphone	1.379	1353311	∞	46.1	∞	52171	970.8154 ng/ml
Phentermine	3.724	2848763	∞	5.0	619.54	445229	743.1586 ng/ml
Promethazine	5.503	13716017	163572.19	28.4	947.11	625038	1083.9168 ng/ml
Pseudoephedrine	2.545	14882773	578.72	15.6	37262.17	625642	1046.9641 ng/ml
Quetiapine	5.485	6940168	123882.56	58.9	53085.59	153452	705.2608 ng/ml
Sertraline	5.742	1970426	43803.91	89.4	736.27	82392	1015.3763 ng/ml
Temazepam	5.790	1995328	143.43	28.5	84.35	79350	1060.8347 ng/ml
Tramadol	4.191	14790227	674.21	3.0	122.16	786478	967.0391 ng/ml
Trazodone	5.047	12732269	200.96	70.4	105233.01	343784	1128.8308 ng/ml
Venlafaxine	4.989	15749863	270683.58	31.0	∞	727954	1042.4142 ng/ml
Xylazine	4.028	5228676	154.64	49.0	39784.48	234361	1017.4042 ng/ml
Zolpidem	4.824	15930322	217491.02	27.1	1300.09	719876	942.2383 ng/ml