

REVIEWED

By Britany Wylie at 2:27 pm, Apr 19, 2023

Worklist: 6342

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
C2023-0689	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0695	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
C2023-0751	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
C2023-0759	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0760	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0761	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0761	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0803	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0813	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0822	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
C2023-0828	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	



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

Extraction Date 4/18/23

Analyst: Anne Nord

Plate lot#: 230117 Item: IDP-121-3CDA Plate re-test: 7/17/2023

Mobile phase A: 5mM Amm Form + 0.01% FA
0.5M Ammonium Hydroxide

Mobile phase B: 0.01% Formic Acid in MeOH
Ethyl Acetate 20% Methanol in Water

Blank Blood Lot: 22B52016-1 **Urine Blank lot** 12522

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

LCMS-QQQ ID: 69679

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.

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette 250µL blood (calibrated pipette) or 250µL hydrolyzed urine in wells of analytical (standards) plate. **Pipette ID: 390993**
- 3. Pipette 250µL 0.5M ammonium hydroxide in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 6. 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) Manifold ID: 66792**
- 7. Wait 5 minutes.
- 8. Add 900uL ethyl acetate.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 11. Add 900uL ethyl acetate.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 14. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH,
- 15. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 16. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

Post-Analytic

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

COMMENTS:

7-aminoclonazepam 5-500 cal 8 dropped due to accuracy
Alpha-hydroxyalprazolam 5-500 cal 8 dropped due to accuracy
Amphetamine 5-250 cal 7 and 8 dropped due to accuracy
Dihydrocodeine 5-500 cal 8 dropped due to accuracy
DMT – Not evaluated lowering ratios
MDA 5-500 cal 8 dropped due to accuracy
Meprobamate 5-250 cal 7 and 8 dropped due to accuracy
Methamphetamine 5-250 cal 7 and 8 dropped due to accuracy
Norhydrocodone not evaluated rising ratios
Olanzapine 5-250 cal 7 and 8 dropped due to accuracy
Oxycodone 5-500 cal 8 dropped due to accuracy
Trazodone 5-250 cal 7 and 8 dropped due to accuracy

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	759-1								822-1	
B	IS + Cal. 2	IS + QC_2	760-2								695-1	
C	IS + Cal. 3	IS + QC 3	761-4								751-1	
D	IS + Cal. 4	IS + QC_4	803-2									
E	IS + Cal. 5	IS + QC_2	828-1									
F	IS + Cal. 6	negative blood	813-1									
G	IS + Cal. 7	689-1	negative urine									
H	IS + Cal. 8	761-1										

blank in front

plate position 2

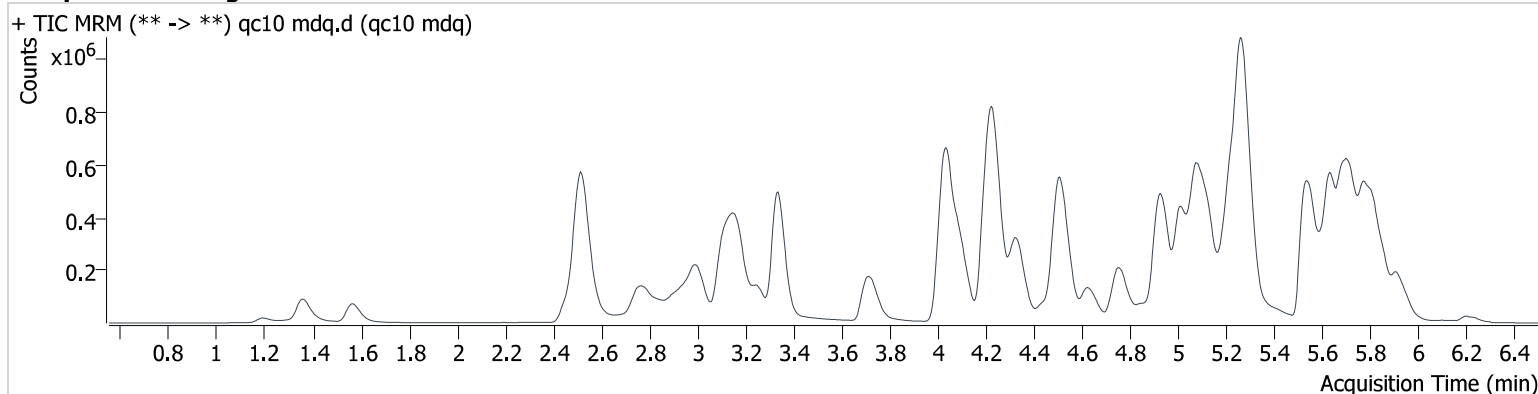
c2023-0__-__

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument	69679	Data File	qc10 mdq.d
Type	QC	Sample	qc10 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A2	Comment	
Injection Volume	3		
Acq. Date-Time	4/18/2023 12:22:02 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.113	3405	∞	129.38	7632.6	83417	1.003 ng/ml
7-aminoclonazepam	4.236	44174	2476.6	116.03	1813.1	220717	10.256 ng/ml
a-hydroxyalprazolam	5.655	16087	639.9	72.42	302.4	944614	9.112 ng/ml
alpha-PHP	4.905	64534	5114.5	249.06	6371.3	793091	10.544 ng/ml
alpha-PVP	4.336	227654	15532.7	52.96	5014.8	793091	10.500 ng/ml
Alprazolam	5.739	132606	∞	92.88	1422.6	280404	10.316 ng/ml
Amphetamine	3.000	143043	93678.1	274.34	142339.4	386908	10.533 ng/ml
Benzoylcegonine	3.843	4292	7808.1	44.18	130.5	14204	10.367 ng/ml
Buprenorphine	5.851	12565	7692.5	14.76	1713.7	140349	0.957 ng/ml
Bupropion	4.766	197264	4285.0	79.26	9371.6	575078	10.106 ng/ml
Carisoprodol	5.695	88980	∞	60.89	2038.1	290047	10.021 ng/ml
Chlordiazepoxide	5.828	27695	∞	179.82	1420.3	636788	10.940 ng/ml
Chlorpheniramine	5.089	351396	10460.9	0.28	39.3	1288640	9.923 ng/ml
Citalopram	5.206	192342	6082.3	34.76	6722.7	681757	9.815 ng/ml
Clonazepam	5.582	62430	29686.0	32.98	∞	115003	9.669 ng/ml
Clonazolam	5.524	72131	10522.1	38.34	35210.3	207558	10.170 ng/ml
Cocaine	4.241	163426	4944.2	49.42	5540.8	1220296	10.294 ng/ml
Codeine	2.539	24118	∞	91.36	1585.6	87351	10.152 ng/ml
Cyclobenzaprine	5.606	201486	1465664.6	8.65	2231.1	539537	10.952 ng/ml
Dextromethorphan	5.244	134936	6212.3	68.57	3655.3	577476	10.000 ng/ml
Dextrorphan	4.100	147163	12517.7	44.31	1122.4	676537	10.552 ng/ml
Diazepam	5.922	93783	∞	84.21	4554.2	322389	10.175 ng/ml
Dihydrocodeine	2.492	58136	1301.5	64.19	291.0	361853	10.596 ng/ml
Diphenhydramine	5.276	678118	37301.2	32.13	9897.0	2286809	10.062 ng/ml
Doxylamine	4.517	486020	9219.8	94.09	10940.9	1387819	10.332 ng/ml
Duloxetine	5.636	30616	232.0	11.64	91.6	88040	9.486 ng/ml
EDDP	5.234	176748	4517.1	44.53	3206.8	857811	9.673 ng/ml
Etizolam	5.785	13525	∞	392.52	12477.4	322389	10.291 ng/ml
Fentanyl	5.082	17059	407.8	124.47	714.1	761165	0.993 ng/ml
Flualprazolam	5.666	50138	4555.4	101.86	2311.7	207558	9.700 ng/ml
Fluorofentanyl	5.138	14844	10642.7	122.88	222.4	7589	0.975 ng/ml
Fluoxetine	5.693	217834	∞	5.93	34314.7	674493	10.268 ng/ml
Hydrocodone	2.987	68308	696.9	39.44	702.9	342920	10.055 ng/ml

AM #28 Multi-Drug Quant. Results

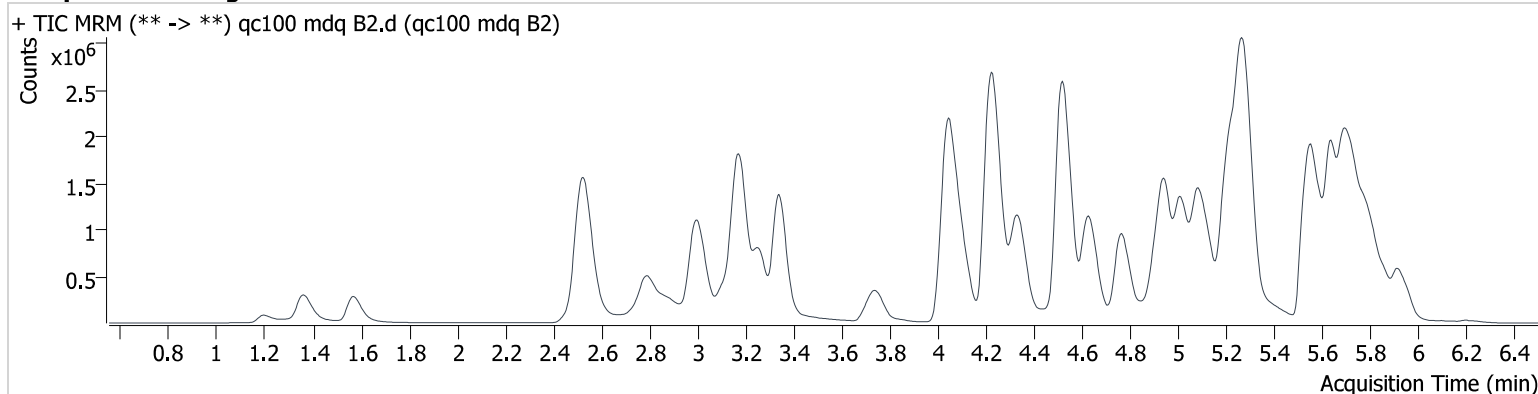
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.572	62691	2819.8	73.58	2231.7	179019	10.224 ng/ml
Hydroxyzine	5.696	169802	435.6	116.47	1095.0	1702483	9.650 ng/ml
Ketamine	4.025	168418	7110.2	35.66	1067.0	563987	10.535 ng/ml
Lamotrigine	4.279	13592	909.0	100.86	953.8	674493	9.425 ng/ml
Lorazepam	5.723	30514	1036.4	44.17	∞	370524	9.686 ng/ml
MDA	3.162	214192	∞	31.46	1199.1	495353	10.656 ng/ml
MDMA	3.258	122328	6639.5	125.51	4459.4	158589	8.887 ng/ml
Meprobamate	4.880	63193	1648.4	32.92	873.7	183931	10.305 ng/ml
Methadone	5.635	302998	6546.7	54.17	2737.0	937536	10.245 ng/ml
Methamphetamine	3.178	365024	∞	39.88	8188.4	1170192	9.969 ng/ml
Metoprolol	4.298	48063	5388.0	96.95	8709.0	495353	9.227 ng/ml
Mirtazapine	4.626	319218	20959.9	48.60	9907.8	676000	10.286 ng/ml
Mitragynine	5.220	52086	∞	29.95	∞	1702483	10.370 ng/ml
Morphine	1.196	11273	∞	20.39	∞	14323	9.337 ng/ml
Norbuprenorphine	4.978	1901	2487.9	96.33	3522.7	23376	1.030 ng/ml
Nordiazepam	5.866	70640	1881.7	58.22	2343.5	207558	10.003 ng/ml
Norfentanyl	4.050	4125	605.2	274.92	643.5	1218774	1.003 ng/ml
Noroxycodone	2.869	55057	1047.2	55.68	262.6	199436	9.746 ng/ml
O-desmethyl-tramadol	3.340	363348	43155.1	6.40	1814.3	1468932	10.375 ng/ml
O-Desmethylvenlafaxine	4.049	103186	199.7	241.80	1123.1	308181	10.104 ng/ml
Olanzapine	4.521	103747	1041.6	43.56	685.4	258037	10.608 ng/ml
Oxazepam	5.725	67856	97685.1	72.35	535.9	370524	9.746 ng/ml
Oxycodone	2.787	144537	1515.4	31.96	1765.7	467335	10.402 ng/ml
Oxymorphone	1.359	93075	∞	46.47	∞	299876	10.085 ng/ml
Phentermine	3.745	67235	1821.9	12.87	225.1	676000	10.696 ng/ml
Promethazine	5.526	248224	34733.1	40.27	3918.4	1147158	9.572 ng/ml
Pseudoephedrine	2.526	504954	∞	17.90	11092.1	1702483	10.058 ng/ml
Quetiapine	5.555	260171	50576.3	62.58	32197.3	332116	10.290 ng/ml
Sertraline	5.765	67505	5948.0	103.60	4225.3	266120	9.312 ng/ml
Temazepam	5.787	201600	2449.0	29.88	278.1	944614	10.084 ng/ml
Tramadol	4.217	385718	∞	3.44	509.6	1477554	10.396 ng/ml
Trazodone	5.194	234705	12647.5	71.43	4669.8	840404	11.326 ng/ml
Venlafaxine	5.017	258468	3351.3	47.96	1776.1	1346448	10.100 ng/ml
Zolpidem	4.944	353363	358420.5	26.67	9319.3	1580004	9.707 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument	69679	Data File	qc100 mdq B2.d
Type	QC	Sample	qc100 mdq B2
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B2	Comment	
Injection Volume	3		
Acq. Date-Time	4/18/2023 3:33:41 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.113	30765	42755.9	131.31	118419.5	77383	10.037 ng/ml
7-aminoclonazepam	4.236	376242	16676.6	116.66	27004.7	183417	110.185 ng/ml
a-hydroxyalprazolam	5.660	90923	13157.0	66.88	3336.8	560604	100.966 ng/ml
alpha-PHP	4.910	573065	62080.1	260.01	18170.4	727113	105.556 ng/ml
alpha-PVP	4.342	2130468	469355.6	52.73	6934.0	727113	104.643 ng/ml
Alprazolam	5.744	1015635	15792.7	90.09	12819.4	201901	106.354 ng/ml
Amphetamine	3.000	1139760	45641.6	276.34	116871.3	348253	103.617 ng/ml
Benzoylcegonine	3.843	42165	10144.6	40.27	1046.3	14810	97.451 ng/ml
Buprenorphine	5.861	116301	39088.5	16.64	17901.8	131388	9.332 ng/ml
Bupropion	4.766	1990173	269551.7	78.08	23149.1	581558	104.194 ng/ml
Carisoprodol	5.700	526384	198151.7	62.30	3621.7	177900	98.098 ng/ml
Chlordiazepoxide	5.823	190251	5115.9	166.54	9730.0	509333	99.240 ng/ml
Chlorpheniramine	5.094	3247157	∞	0.36	∞	1251855	97.378 ng/ml
Citalopram	5.200	1510927	509997.6	36.59	1007528.1	522604	99.747 ng/ml
Clonazepam	5.583	403496	12733.0	33.34	∞	70148	102.838 ng/ml
Clonazolam	5.524	502625	165516.0	37.93	24196.9	133327	101.492 ng/ml
Cocaine	4.241	1468700	3576793.2	48.83	58662.3	1122482	99.576 ng/ml
Codeine	2.539	169390	13105.9	91.31	33408.3	63455	103.538 ng/ml
Cyclobenzaprine	5.606	1659471	1678419.6	8.47	∞	477212	103.101 ng/ml
Dextromethorphan	5.244	1143087	91796.6	72.66	11160594.1	483207	100.735 ng/ml
Dextrorphan	4.100	1382080	489794.5	45.47	127682.7	654818	96.144 ng/ml
Diazepam	5.922	825381	∞	84.50	21191.0	279476	100.425 ng/ml
Dihydrocodeine	2.492	488075	3028.9	63.43	330.6	342940	104.123 ng/ml
Diphenhydramine	5.281	5915755	278697.7	31.53	110352.5	1982218	99.319 ng/ml
Doxylamine	4.517	4744067	760367.0	94.64	564665.9	1392291	103.595 ng/ml
Duloxetine	5.636	240556	4984.2	10.46	55.1	64509	101.412 ng/ml
EDDP	5.234	1506827	84655.8	42.98	116492.6	706702	97.738 ng/ml
Etizolam	5.785	115355	∞	381.47	∞	279476	99.160 ng/ml
Fentanyl	5.087	158622	6306.3	122.78	∞	686018	10.125 ng/ml
Flualprazolam	5.671	351355	∞	97.00	2890.2	133327	97.995 ng/ml
Fluorofentanyl	5.143	146227	617070.9	119.81	541.6	7360	9.495 ng/ml
Fluoxetine	5.698	1460001	2259580.6	6.75	61983.6	470014	99.889 ng/ml
Hydrocodone	2.982	575959	∞	38.11	3923.7	307242	102.855 ng/ml

AM #28 Multi-Drug Quant. Results

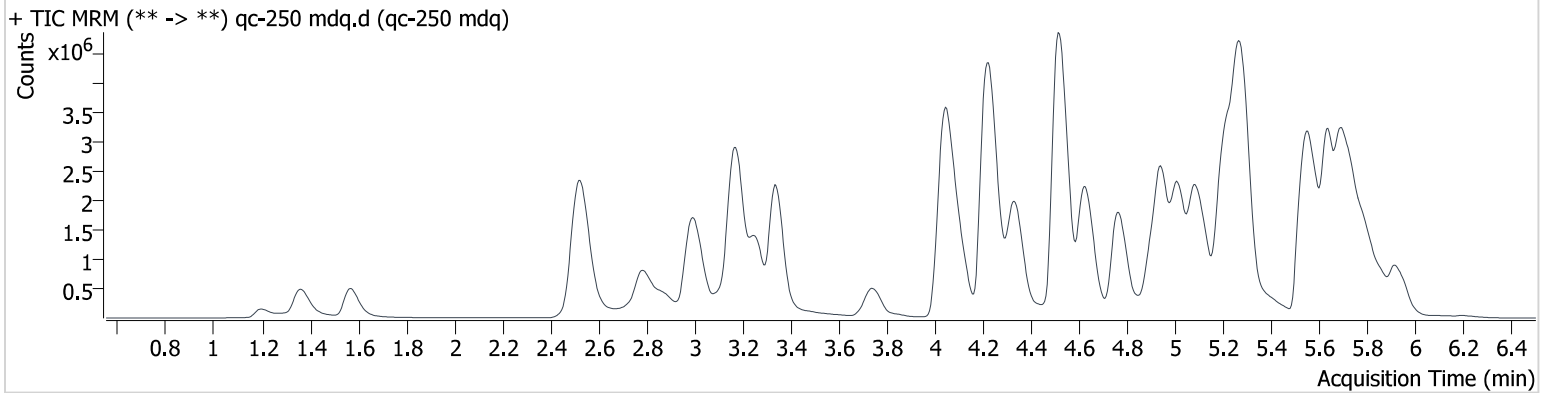
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.572	579205	12558.6	74.05	∞	166365	101.415 ng/ml
Hydroxyzine	5.701	1511716	405799.1	116.10	869483.5	1511434	98.439 ng/ml
Ketamine	4.025	1477820	325084.5	37.32	15476.4	523591	106.598 ng/ml
Lamotrigine	4.279	110430	25170.7	99.73	∞	470014	100.847 ng/ml
Lorazepam	5.723	129203	∞	46.28	773.2	145023	91.702 ng/ml
MDA	3.162	1492632	18402.5	30.34	14295.5	384913	103.230 ng/ml
MDMA	3.258	1230372	301552.7	113.85	199364.3	146986	97.689 ng/ml
Meprobamate	4.870	479310	8867.8	31.64	7661.8	146821	104.427 ng/ml
Methadone	5.640	2976882	373876.0	49.52	43163.6	906278	104.612 ng/ml
Methamphetamine	3.178	2843985	∞	42.33	48116.0	1184607	96.842 ng/ml
Metoprolol	4.298	388059	∞	98.46	∞	384913	95.149 ng/ml
Mirtazapine	4.631	3123595	241759.9	48.57	243615.2	646822	105.188 ng/ml
Mitragynine	5.220	403629	177675.5	31.75	∞	1511434	101.510 ng/ml
Morphine	1.196	108355	∞	18.68	∞	13240	98.716 ng/ml
Norbuprenorphine	4.973	15101	28579.3	98.16	170419.5	21450	9.878 ng/ml
Nordiazepam	5.871	455369	10248.2	60.74	26531.0	133327	101.038 ng/ml
Norfentanyl	4.061	32084	2588.9	277.56	3295.3	937195	10.226 ng/ml
Noroxycodone	2.869	450834	7945.1	53.56	2983.6	166053	93.946 ng/ml
O-desmethyl-tramadol	3.340	3472171	49468.4	6.46	15126.4	1479523	100.336 ng/ml
O-Desmethylvenlafaxine	4.049	926578	5732.0	241.38	7023.0	276653	102.923 ng/ml
Olanzapine	4.521	970086	21637.4	46.05	2812.2	261508	101.756 ng/ml
Oxazepam	5.735	269454	12370.1	73.10	∞	145023	95.565 ng/ml
Oxycodone	2.787	1286915	∞	30.50	143587.0	447759	105.662 ng/ml
Oxymorphone	1.359	867076	∞	47.06	∞	281446	100.718 ng/ml
Phentermine	3.750	564912	13369.0	12.00	6300.5	646822	102.870 ng/ml
Promethazine	5.532	2319926	36753254.8	39.24	13529.4	1059991	93.755 ng/ml
Pseudoephedrine	2.531	4451062	∞	17.59	∞	1511434	99.707 ng/ml
Quetiapine	5.560	2265926	3620957.6	62.90	3021187.5	293734	100.513 ng/ml
Sertraline	5.760	478134	62330.4	95.59	56232.8	174581	102.131 ng/ml
Temazepam	5.792	1156675	9177.3	31.16	3889.1	560604	97.303 ng/ml
Tramadol	4.218	3575303	∞	3.31	∞	1416928	106.407 ng/ml
Trazodone	5.194	1855677	73277.0	74.72	144747.5	789410	103.960 ng/ml
Venlafaxine	5.017	2528989	107404.0	47.34	19803.2	1302885	97.703 ng/ml
Zolpidem	4.949	3318364	∞	28.39	180663.1	1502675	98.990 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument	69679	Data File	qc-250 mdq.d
Type	QC	Sample	qc-250 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-C2	Comment	
Injection Volume	3		
Acq. Date-Time	4/18/2023 12:30:44 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	59734	132364.9	136.60	∞	60897	24.810 ng/ml
7-aminoclonazepam	4.236	571512	18693.1	118.63	44362.8	118040	260.813 ng/ml
a-hydroxyalprazolam	5.660	104647	248.2	68.87	1736.6	292387	224.816 ng/ml
alpha-PHP	4.905	1169077	52571.6	248.26	182286.3	573398	273.692 ng/ml
alpha-PVP	4.336	4209139	557659.0	54.19	72833.9	573398	261.751 ng/ml
Alprazolam	5.739	1622031	10861.4	93.27	∞	128220	266.930 ng/ml
Amphetamine	3.000	1903852	177372.9	266.90	157389.5	281304	215.685 ng/ml
Benzoylcegonine	3.843	87650	15782.1	41.47	3899.1	11949	251.031 ng/ml
Buprenorphine	5.861	255213	125771.3	16.00	65421.3	114712	23.431 ng/ml
Bupropion	4.766	4073098	284681.4	76.51	619360.2	482018	257.832 ng/ml
Carisoprodol	5.700	698563	∞	62.74	14791.1	89127	260.131 ng/ml
Chlordiazepoxide	5.828	313995	6210.1	154.44	8791.5	315798	264.528 ng/ml
Chlorpheniramine	5.089	6581257	∞	0.35	1232.1	1010050	245.142 ng/ml
Citalopram	5.200	2555997	96790.0	38.28	∞	351747	250.565 ng/ml
Clonazepam	5.582	527740	8074.9	33.24	1942.4	36436	259.014 ng/ml
Clonazolam	5.518	738614	∞	38.47	18685.3	76462	258.659 ng/ml
Cocaine	4.241	2815869	129754.4	47.93	127117.4	829025	258.311 ng/ml
Codeine	2.539	282567	55457.3	93.54	10554.1	45955	239.300 ng/ml
Cyclobenzaprine	5.606	3005395	89767.8	9.17	∞	350319	254.555 ng/ml
Dextromethorphan	5.244	2016328	87391.2	72.71	91025.4	343102	250.166 ng/ml
Dextrorphan	4.100	2711235	89786.0	45.97	151940.5	516247	238.165 ng/ml
Diazepam	5.922	1494457	∞	85.46	1594027091	203985	248.659 ng/ml
Dihydrocodeine	2.487	882051	2232.8	65.57	18796.9	276062	235.383 ng/ml
Diphenhydramine	5.281	10932042	342057.5	30.70	∞	1411975	257.319 ng/ml
Doxylamine	4.512	9619191	309801.8	93.99	193736.4	1162272	252.123 ng/ml
Duloxetine	5.636	372454	544.1	11.09	569.2	42531	238.112 ng/ml
EDDP	5.234	3214412	167200.5	43.53	138969.5	602813	244.053 ng/ml
Etizolam	5.785	205095	5711.9	384.57	121745.0	203985	241.208 ng/ml
Fentanyl	5.087	306427	18562.7	122.40	37810.8	518038	25.881 ng/ml
Flualprazolam	5.666	523710	2694.4	96.46	4306.9	76462	253.433 ng/ml
Fluorofentanyl	5.143	293777	19792.8	120.88	1110.3	5886	23.786 ng/ml
Fluoxetine	5.698	2380490	78666.5	6.59	71429.3	301643	253.977 ng/ml

AM #28 Multi-Drug Quant. Results

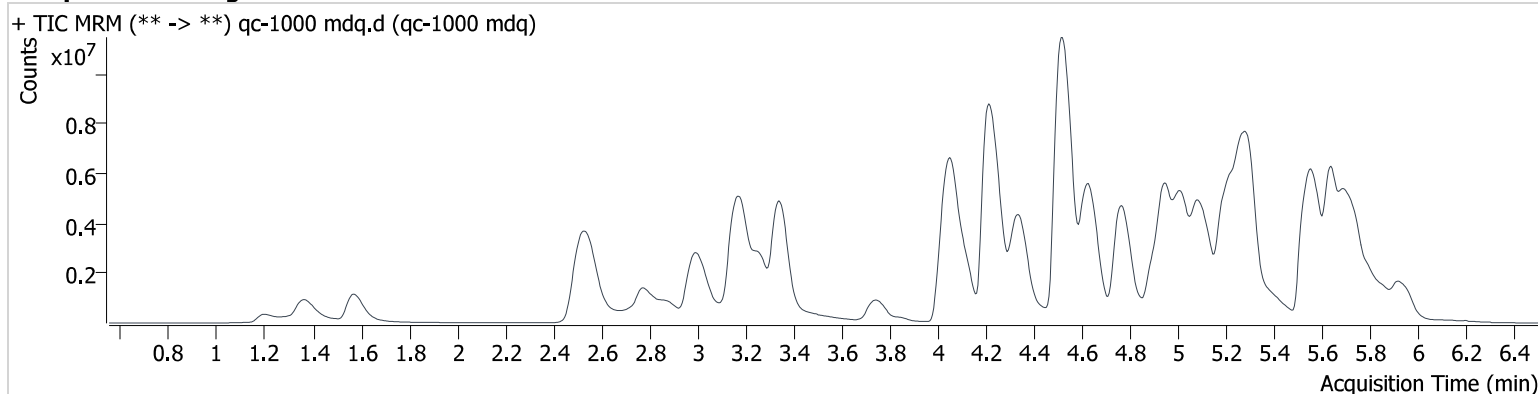
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	1098406	9823.1	38.48	4201.7	242481	249.927 ng/ml
Hydromorphone	1.572	1156669	7519.9	74.05	32572.6	133040	253.217 ng/ml
Hydroxyzine	5.701	2762317	1373806.2	116.36	242425.9	1080298	251.948 ng/ml
Ketamine	4.025	2721057	451508.4	36.94	12033.8	399211	258.604 ng/ml
Lamotrigine	4.274	186716	21477.8	97.16	53399.0	301643	264.304 ng/ml
Lorazepam	5.718	129729	1282.6	51.92	∞	56672	233.527 ng/ml
MDA	3.157	2251649	90989.3	29.60	11683.0	245461	245.508 ng/ml
MDMA	3.258	2306976	1476319.1	112.40	∞	112031	240.507 ng/ml
Meprobamate	4.870	739219	26762.1	30.99	5049.3	102124	232.473 ng/ml
Methadone	5.640	5875212	40263.6	50.07	86413.4	711652	263.007 ng/ml
Methamphetamine	3.173	5443953	∞	40.27	73158.2	979117	228.234 ng/ml
Metoprolol	4.298	622205	52061.4	97.89	∞	245461	239.116 ng/ml
Mirtazapine	4.626	6085403	259088.8	49.28	123607.3	503197	263.418 ng/ml
Mitragynine	5.215	760590	601675.5	31.53	12003.1	1080298	269.950 ng/ml
Morphine	1.196	219779	∞	19.48	∞	10231	259.399 ng/ml
Norbuprenorphine	4.973	27537	245969.4	93.25	6119.4	15777	24.677 ng/ml
Nordiazepam	5.876	642053	124327.0	61.32	10526.5	76462	248.513 ng/ml
Norfentanyl	4.061	52088	21558.7	282.10	3995.3	625403	24.892 ng/ml
Noroxycodone	2.869	775217	4445.2	49.73	8480.6	116207	230.519 ng/ml
O-desmethyl-tramadol	3.340	7045351	∞	6.39	23845.1	1218686	247.493 ng/ml
O-Desmethylvenlafaxine	4.049	1708649	1361.7	242.92	36453.8	208085	252.634 ng/ml
Olanzapine	4.521	2007093	23887.0	46.11	1955.4	251920	219.086 ng/ml
Oxazepam	5.735	270993	16276.6	75.80	3032.3	56672	245.374 ng/ml
Oxycodone	2.777	2312929	95861.2	30.97	26544.1	353180	242.145 ng/ml
Oxymorphone	1.359	1718836	∞	46.67	∞	224004	250.960 ng/ml
Phentermine	3.745	1080936	∞	10.80	∞	503197	254.699 ng/ml
Promethazine	5.526	4745408	744772.0	38.64	∞	848622	239.019 ng/ml
Pseudoephedrine	2.526	8137533	∞	16.84	∞	1080298	255.007 ng/ml
Quetiapine	5.560	3995329	180218.4	63.55	1522899.4	206083	252.463 ng/ml
Sertraline	5.755	833737	113061.7	98.82	172903.4	124879	249.200 ng/ml
Temazepam	5.792	1562234	78985.3	31.27	13060.2	292387	251.940 ng/ml
Tramadol	4.212	6679342	∞	3.33	∞	1132875	249.546 ng/ml
Trazodone	5.189	3177029	64608.3	75.57	161327.7	609711	231.858 ng/ml
Venlafaxine	5.017	5174884	218159.8	44.93	68257.5	1042600	249.075 ng/ml
Zolpidem	4.949	6352115	12879.2	28.77	141330.1	1165406	244.848 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument	69679	Data File	qc-1000 mdq.d
Type	QC	Sample	qc-1000 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-D2	Comment	
Injection Volume	3		
Acq. Date-Time	4/18/2023 12:39:26 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	171817	454411.5	137.03	341627.9	45490	95.621 ng/ml
7-aminoclonazepam	4.236	578315	65525.2	117.62	29178.9	41225	756.728 ng/ml
a-hydroxyalprazolam	5.671	89673	398.4	64.61	1821.6	74374	761.302 ng/ml
alpha-PHP	4.900	2637037	12117.7	254.91	72818.3	367373	964.568 ng/ml
alpha-PVP	4.342	11333484	18944615.8	52.82	853642.4	367373	1099.156 ng/ml
Alprazolam	5.744	2667013	∞	92.88	∞	54025	1040.648 ng/ml
Amphetamine	3.005	3271931	96685.5	254.70	352042.7	198783	526.442 ng/ml
Benzoylcegonine	3.843	349932	697288.0	41.40	30853.9	12278	975.330 ng/ml
Buprenorphine	5.861	654942	513287.3	15.75	199168.2	64517	106.857 ng/ml
Bupropion	4.766	12357613	1590442.4	70.67	156926.6	371619	1015.743 ng/ml
Carisoprodol	5.705	649835	600720.4	61.22	20305.2	21874	986.443 ng/ml
Chlordiazepoxide	5.833	562338	18589.4	134.58	∞	147220	1018.097 ng/ml
Chlorpheniramine	5.089	19101111	∞	0.36	4781.0	719707	999.595 ng/ml
Citalopram	5.190	3668851	120213.9	40.09	149417.9	134812	938.160 ng/ml
Clonazepam	5.588	489263	272225.0	31.76	∞	8375	1044.860 ng/ml
Clonazolam	5.508	901804	∞	37.68	23189.7	19022	1265.958 ng/ml
Cocaine	4.246	6048823	1781509.0	48.30	115139.2	456133	1008.172 ng/ml
Codeine	2.544	536903	57234.8	93.80	∞	22170	944.331 ng/ml
Cyclobenzaprine	5.600	5506428	1047593.9	8.05	4982.7	169609	963.684 ng/ml
Dextromethorphan	5.239	3784744	129041.3	72.04	108708.0	158618	1015.551 ng/ml
Dextrorphan	4.105	6976542	518707.7	45.38	379204.6	320377	985.268 ng/ml
Diazepam	5.927	3322469	∞	86.02	∞	106095	1061.853 ng/ml
Dihydrocodeine	2.482	2137118	25670.9	64.59	11683.1	225353	701.210 ng/ml
Diphenhydramine	5.297	22388517	657840.0	30.26	∞	713701	1041.919 ng/ml
Doxylamine	4.517	25966751	317151.2	98.34	526102.1	859295	921.499 ng/ml
Duloxetine	5.641	442873	1276.8	12.11	474.1	11720	1027.311 ng/ml
EDDP	5.234	9917996	133350.9	43.21	92295.5	444769	1019.798 ng/ml
Etizolam	5.785	455747	∞	379.57	24814.1	106095	1029.768 ng/ml
Fentanyl	5.082	597497	21527.8	126.83	15828821.6	256926	101.715 ng/ml
Flualprazolam	5.676	706618	118286.4	92.34	∞	19022	1371.034 ng/ml
Fluorofentanyl	5.143	789134	854199.5	114.75	52810.7	3419	109.848 ng/ml
Fluoxetine	5.703	3078197	53871.4	6.72	∞	98747	1003.596 ng/ml
Hydrocodone	2.982	3140903	∞	38.36	∞	181701	956.484 ng/ml

AM #28 Multi-Drug Quant. Results

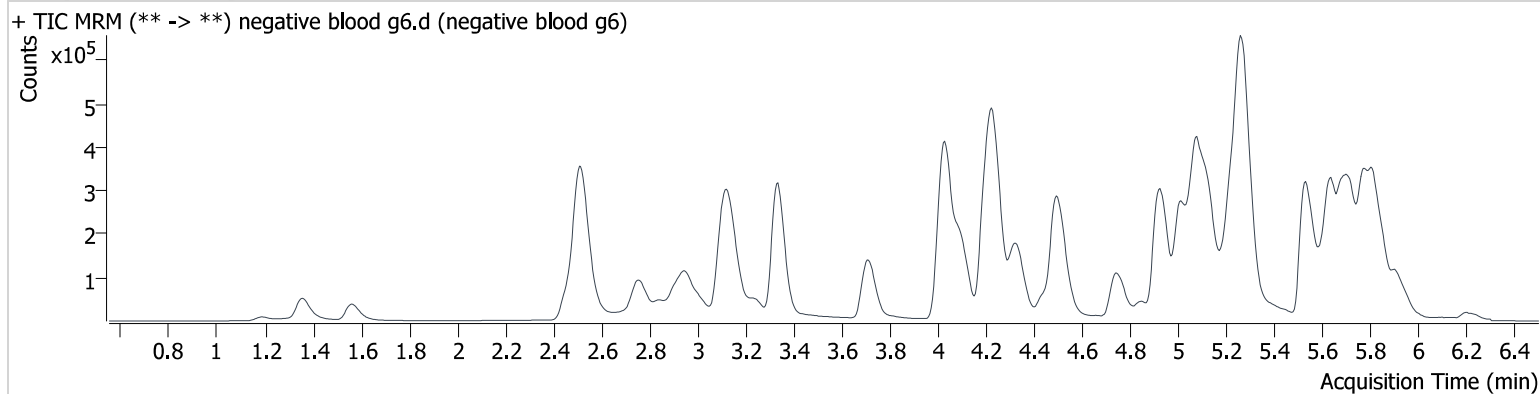
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.572	3140921	∞	73.98	∞	91010	1005.080 ng/ml
Hydroxyzine	5.701	5708069	2331926.1	117.61	125313.1	547549	1027.748 ng/ml
Ketamine	4.020	5806781	413649.2	37.17	98212.1	253805	869.989 ng/ml
Lamotrigine	4.274	243669	12455154.0	96.77	∞	98747	1051.106 ng/ml
Lorazepam	5.718	143904	7464.4	50.51	∞	12289	1189.092 ng/ml
MDA	3.137	2813905	65647.0	29.44	58314.3	105564	715.247 ng/ml
MDMA	3.258	5499753	615259.8	103.46	590018.9	63588	1010.562 ng/ml
Meprobamate	4.859	1139886	139911.6	31.23	18173.8	57108	642.393 ng/ml
Methadone	5.640	14440249	231739.5	49.03	108235.6	451017	1020.137 ng/ml
Methamphetamine	3.173	12150467	1480974.8	38.36	145318.2	817479	615.147 ng/ml
Metoprolol	4.293	1013529	114964.8	100.53	∞	105564	905.473 ng/ml
Mirtazapine	4.626	16372268	330186.3	48.46	1737477.3	364429	978.564 ng/ml
Mitragynine	5.204	1299118	62548.7	36.16	14482.9	547549	913.077 ng/ml
Morphine	1.196	569713	∞	20.06	∞	7535	913.454 ng/ml
Norbuprenorphine	4.973	52176	69526.9	97.19	31688.6	7047	105.092 ng/ml
Nordiazepam	5.876	742165	8425.8	61.29	4624.2	19022	1154.980 ng/ml
Norfentanyl	4.061	71786	6454.5	280.13	9118.1	219547	97.747 ng/ml
Noroxycodone	2.874	1510307	∞	48.81	∞	45861	1137.131 ng/ml
O-desmethyl-tramadol	3.340	19692067	294496.2	6.08	92374.0	873338	965.949 ng/ml
O-Desmethylvenlafaxine	4.054	3425627	37258.2	244.24	56260.4	108224	974.449 ng/ml
Olanzapine	4.521	4234226	15622.3	50.04	1950.8	220881	527.803 ng/ml
Oxazepam	5.725	230821	∞	77.45	63102.7	12289	962.742 ng/ml
Oxycodone	2.767	5126119	∞	30.93	30049.7	250002	760.460 ng/ml
Oxymorphone	1.359	4412917	∞	46.41	∞	153706	939.176 ng/ml
Phentermine	3.750	2513714	∞	9.78	13295.9	364429	820.383 ng/ml
Promethazine	5.526	11923764	2723713.8	36.74	∞	509165	999.913 ng/ml
Pseudoephedrine	2.536	16975698	∞	16.74	∞	547549	1049.502 ng/ml
Quetiapine	5.561	7873977	236794.7	62.09	660189.7	99555	1029.667 ng/ml
Sertraline	5.755	1135581	135036.3	99.73	78455.8	49120	863.322 ng/ml
Temazepam	5.792	1617819	166045.1	32.32	4000.7	74374	1025.635 ng/ml
Tramadol	4.207	16438664	∞	3.23	∞	708632	983.855 ng/ml
Trazodone	5.179	5510635	238920.1	75.51	295967.6	380445	646.587 ng/ml
Venlafaxine	5.017	13311220	321477.7	41.22	221278.1	619995	1075.786 ng/ml
Zolpidem	4.949	16753683	380700.9	27.64	300506.4	767614	981.507 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument	69679	Data File	negative blood g6.d
Type	Sample	Sample	negative blood g6
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F2	Comment	
Injection Volume	3		
Acq. Date-Time	4/18/2023 1:05:36 PM		
Sample Info.			

Sample Chromatogram

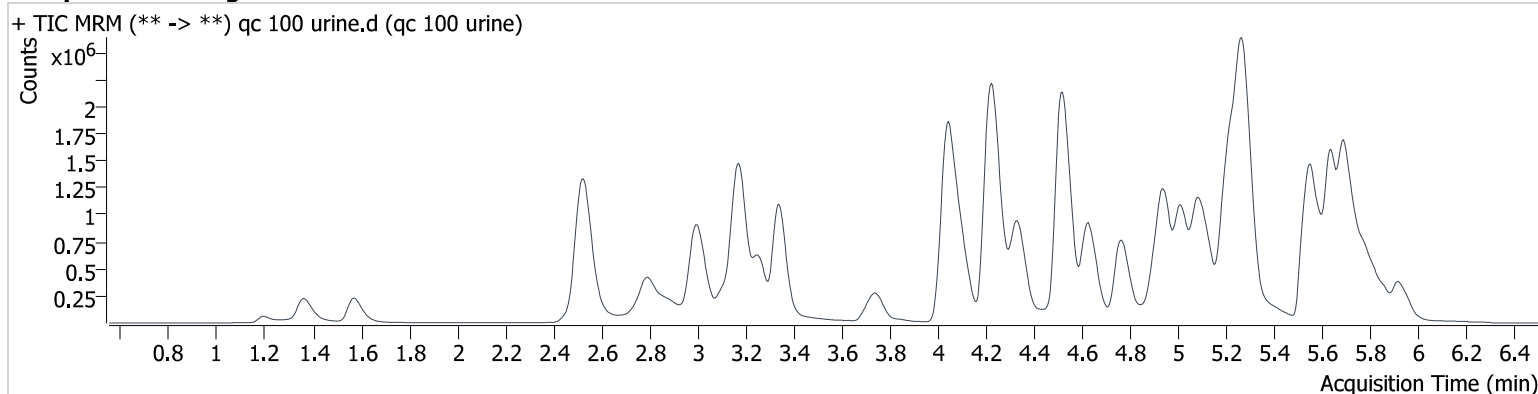


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument	69679	Data File	qc 100 urine.d
Type	Sample	Sample	qc 100 urine
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E2	Comment	
Injection Volume	3		
Acq. Date-Time	4/18/2023 12:56:54 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.113	25562	∞	136.27	19320.4	63425	10.176 ng/ml
7-aminoclonazepam	4.236	329067	14074.2	110.83	3952.9	157839	111.995 ng/ml
a-hydroxyalprazolam	5.660	61448	∞	63.93	1709.2	242096	158.948 ng/ml
alpha-PPH	4.905	478527	18230.5	251.20	53612.2	593142	108.060 ng/ml
alpha-PVP	4.336	1680758	76684.6	55.08	28762.7	593142	101.210 ng/ml
Alprazolam	5.739	550796	∞	96.42	1882125.8	108200	107.623 ng/ml
Amphetamine	3.000	917707	19563.1	272.05	127613.7	273945	106.091 ng/ml
Benzoylcegonine	3.843	37335	16587.7	43.06	447.5	13834	92.380 ng/ml
Buprenorphine	5.866	79965	∞	16.57	∞	81975	10.282 ng/ml
Bupropion	4.766	1562652	110996.1	76.57	21974.5	454131	104.769 ng/ml
Carisoprodol	5.690	328975	∞	59.92	2001.2	114443	95.299 ng/ml
Chlordiazepoxide	5.828	113853	822.9	172.56	3011.7	320134	94.194 ng/ml
Chlorpheniramine	5.089	2599070	8722.5	0.36	235.3	994387	98.127 ng/ml
Citalopram	5.200	1322284	37213.9	37.25	46275.9	429378	106.240 ng/ml
Clonazepam	5.588	172879	4052.5	31.38	1276.4	30075	102.769 ng/ml
Clonazolam	5.524	196496	63651.1	40.43	10688.6	58064	91.198 ng/ml
Cocaine	4.241	1175310	37299.3	48.37	29963.0	903519	98.997 ng/ml
Codeine	2.533	136346	33173.5	86.13	6307.3	52593	100.535 ng/ml
Cyclobenzaprine	5.606	1228594	64763.4	9.54	∞	376235	96.810 ng/ml
Dextromethorphan	5.244	917663	70232.1	72.47	33077.6	393443	99.320 ng/ml
Dextrorphan	4.105	1147816	∞	45.11	49606.6	549631	95.136 ng/ml
Diazepam	5.922	521200	6763.2	85.33	5324.3	175081	101.224 ng/ml
Dihydrocodeine	2.492	407764	6977.5	63.53	2150.3	279024	106.952 ng/ml
Diphenhydramine	5.276	4757702	∞	31.58	31908.0	1577935	100.340 ng/ml
Doxylamine	4.517	3776991	99983.2	93.63	73103.8	1128625	101.739 ng/ml
Duloxetine	5.636	209803	1177.2	10.86	141.8	56208	101.510 ng/ml
EDDP	5.234	1492706	67382.8	43.69	17866.9	709505	96.443 ng/ml
Etizolam	5.779	69444	122027.0	379.87	147453.0	175081	95.298 ng/ml
Fentanyl	5.082	130785	4054.2	122.25	637610.3	546137	10.486 ng/ml
Flualprazolam	5.671	249254	3817.2	94.98	83803.8	58064	159.133 ng/ml
Fluorofentanyl	5.143	118093	115415.2	123.47	870.6	6130	9.208 ng/ml
Fluoxetine	5.693	1113488	24368.1	6.43	66759.0	365270	98.025 ng/ml
Hydrocodone	2.982	472710	∞	39.47	5616.1	254159	102.040 ng/ml

AM #28 Multi-Drug Quant. Results

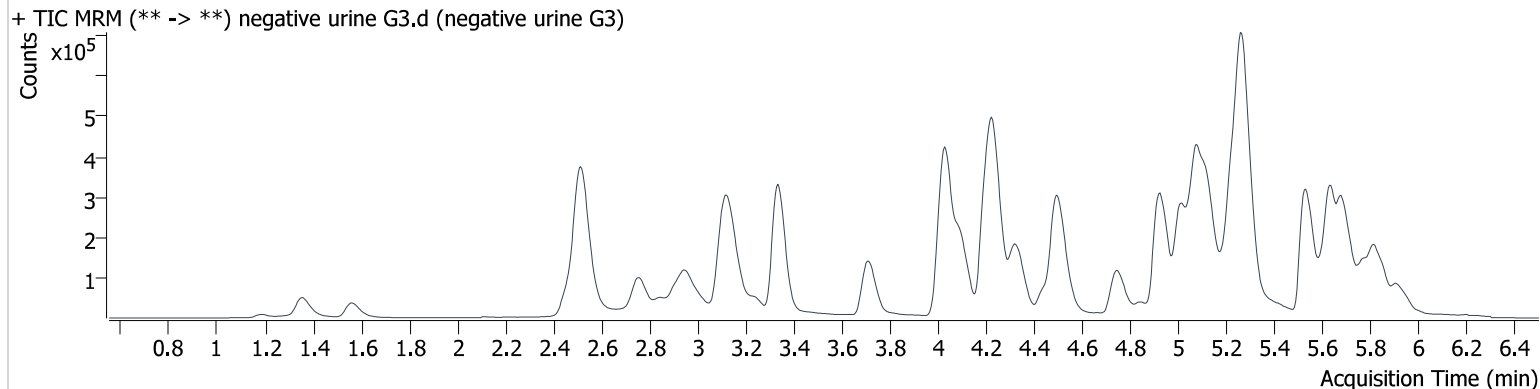
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.572	463315	32470.8	73.85	4003.5	132310	102.003 ng/ml
Hydroxyzine	5.696	1181365	11507.8	114.58	50303.7	1238477	93.873 ng/ml
Ketamine	4.025	1206057	∞	37.34	4824.7	417685	109.073 ng/ml
Lamotrigine	4.274	93004	6297.1	97.09	11786.4	365270	109.217 ng/ml
Lorazepam	5.713	50010	∞	50.90	2428.7	53627	95.925 ng/ml
MDA	3.162	1196865	23264.7	31.16	31036.8	302825	105.232 ng/ml
MDMA	3.258	975649	67536.4	105.96	21697.6	111034	102.554 ng/ml
Meprobamate	4.870	296244	4429.5	32.67	822.1	95810	98.866 ng/ml
Methadone	5.640	2418008	∞	51.28	25513.6	745170	103.343 ng/ml
Methamphetamine	3.178	2347934	263661.7	38.23	27833.8	914964	103.720 ng/ml
Metoprolol	4.298	322566	20035.0	99.29	∞	302825	100.526 ng/ml
Mirtazapine	4.626	2466379	44886.7	48.82	91654.3	472411	113.719 ng/ml
Mitragynine	5.220	434257	23742.4	32.17	82181.8	1238477	133.728 ng/ml
Morphine	1.196	77481	∞	20.20	∞	9553	97.825 ng/ml
Norbuprenorphine	4.973	11116	∞	98.01	8054.1	15716	9.925 ng/ml
Nordiazepam	5.876	207336	2078.0	59.45	4502.8	58064	105.639 ng/ml
Norfentanyl	4.061	27704	984.6	277.45	1995.6	827252	10.004 ng/ml
Noroxycodone	2.869	371314	2433.8	50.07	4442.1	134524	95.506 ng/ml
O-desmethyl-tramadol	3.340	2722220	55317.7	6.45	6005.7	1186352	98.099 ng/ml
O-Desmethylvenlafaxine	4.049	763925	3207.3	244.13	5112.2	236208	99.379 ng/ml
Olanzapine	4.521	895454	535.2	46.32	4112.3	238577	102.961 ng/ml
Oxazepam	5.720	97247	1261.0	61.13	94.4	53627	93.278 ng/ml
Oxycodone	2.787	1032334	48030.1	32.55	5677.9	372037	101.974 ng/ml
Oxymorphone	1.364	640038	∞	46.75	∞	207548	100.817 ng/ml
Phentermine	3.750	464035	∞	11.05	2530.0	472411	115.841 ng/ml
Promethazine	5.532	1769102	52199.6	40.16	76162.4	831275	91.175 ng/ml
Pseudoephedrine	2.531	3652550	∞	17.51	∞	1238477	99.852 ng/ml
Quetiapine	5.555	1804747	2597546.0	62.99	82919.1	231336	101.648 ng/ml
Sertraline	5.760	304385	713101.1	96.98	∞	118568	95.722 ng/ml
Temazepam	5.787	505108	8978.3	33.80	∞	242096	98.393 ng/ml
Tramadol	4.212	2920452	∞	3.33	∞	1150804	107.021 ng/ml
Trazodone	5.189	1572954	44787.4	70.62	∞	646522	107.637 ng/ml
Venlafaxine	5.017	2044709	46754.0	46.46	7710.5	1048492	98.157 ng/ml
Zolpidem	4.944	2643224	∞	28.22	98164.7	1194742	99.173 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument	69679	Data File	negative urine G3.d
Type	Sample	Sample	negative urine G3
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-G3	Comment	
Injection Volume	3		
Acq. Date-Time	4/18/2023 2:23:57 PM		
Sample Info.			

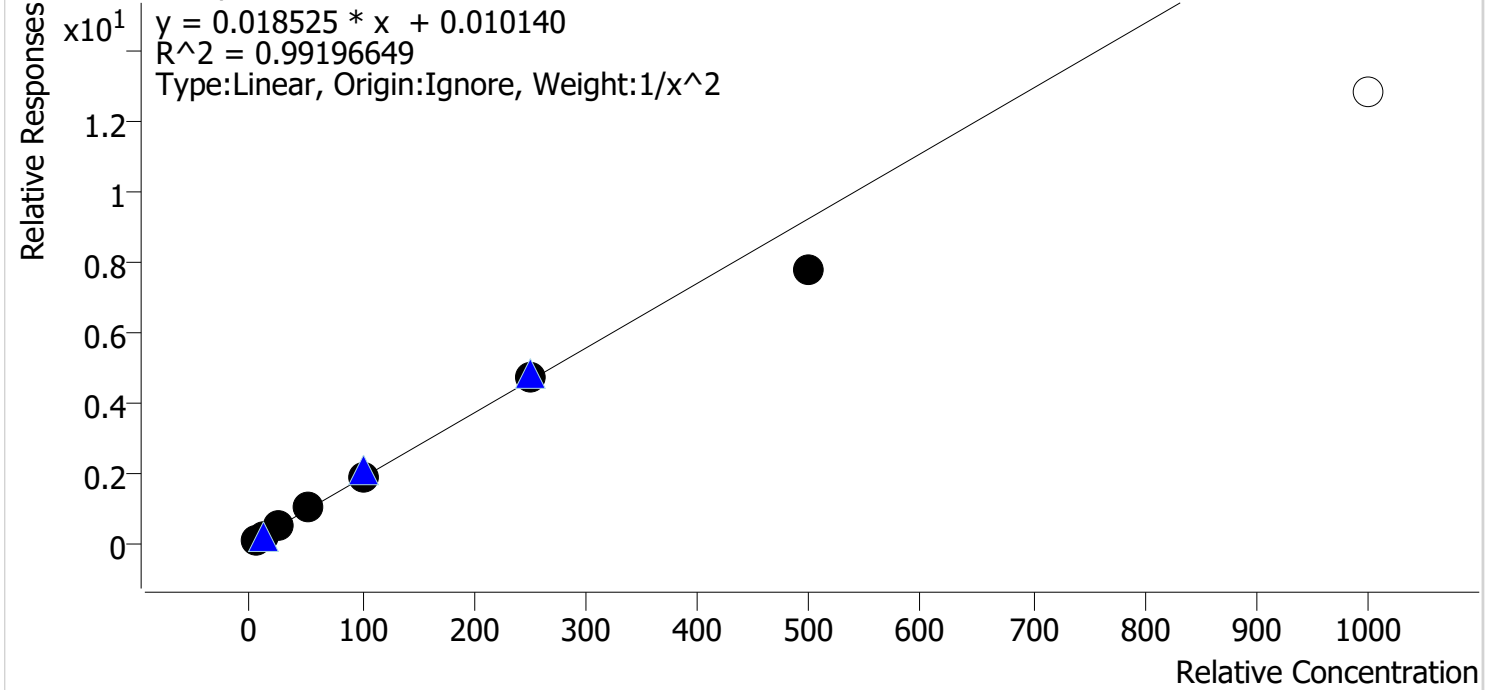
Sample Chromatogram



Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	7-aminoclonazepam	Internal Standard	7-Aminoclonazepam-D4

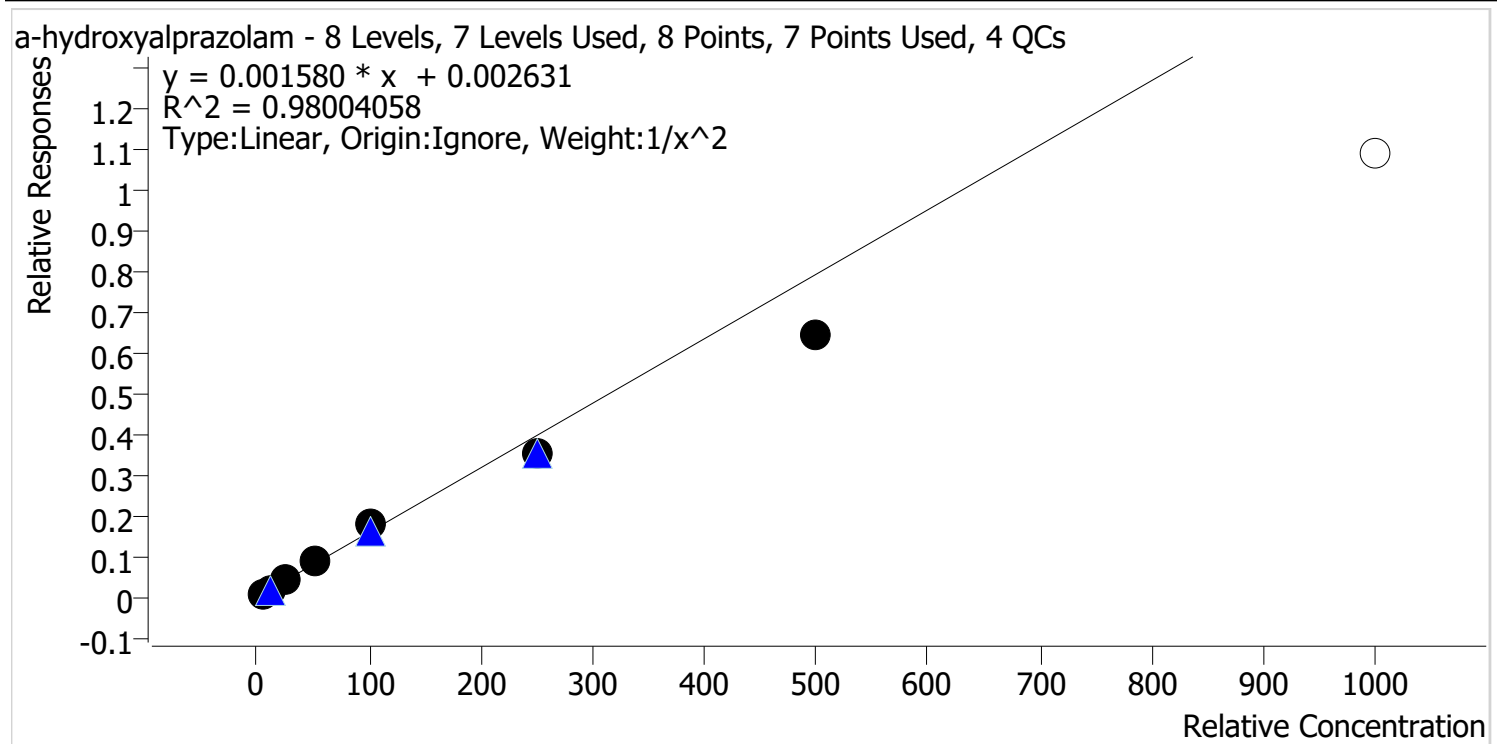
7-aminoclonazepam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdq	2	✓	10.0	10.2	102.3
cal 3 mdq	3	✓	25.0	26.0	104.1
cal 4 mdq	4	✓	50.0	52.9	105.9
cal 5 mdq	5	✓	100.0	103.8	103.8
cal 6 mdq	6	✓	250.0	257.0	102.8
cal 7 mdq	7	✓	500.0	419.1	83.8
cal 8 mdq	8	✗	1000.0	694.3	69.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5

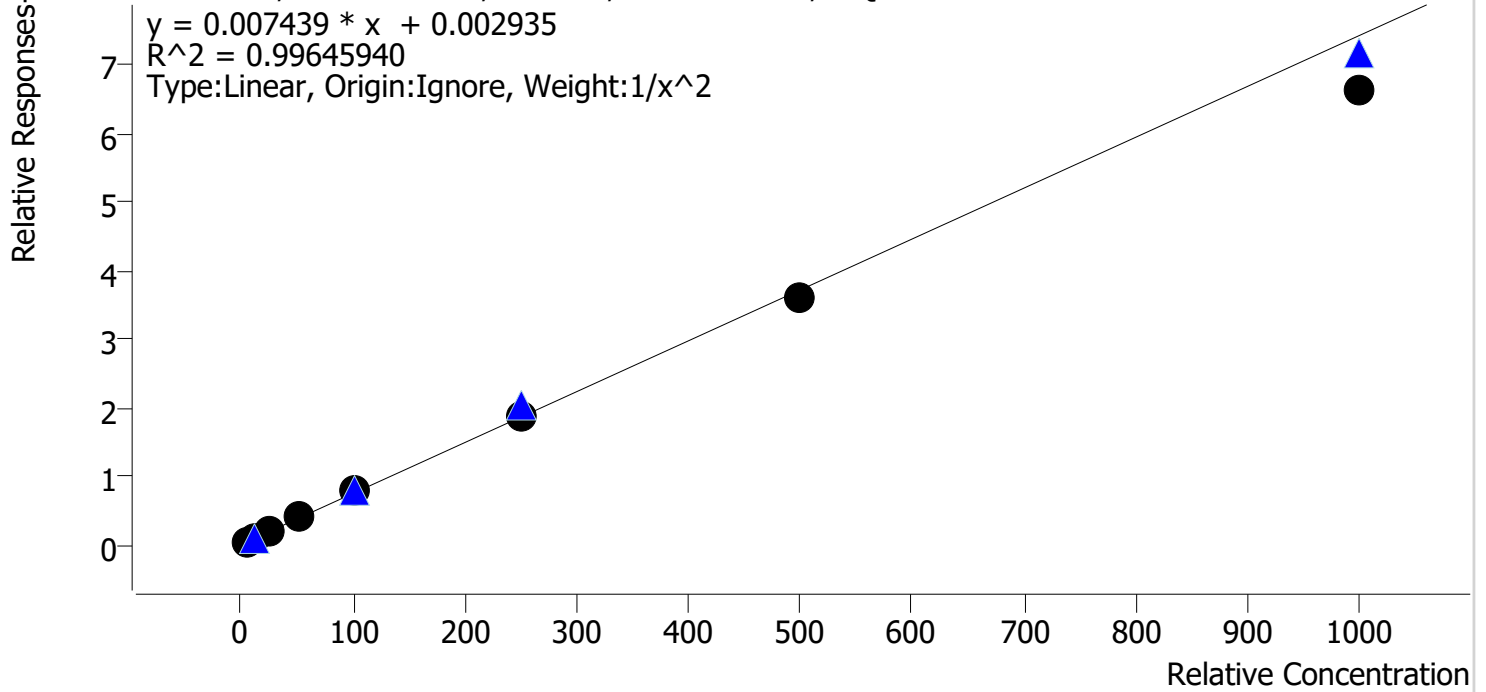


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.9
cal 2 mdq	2	✓	10.0	10.5	105.4
cal 3 mdq	3	✓	25.0	28.3	113.0
cal 4 mdq	4	✓	50.0	53.7	107.5
cal 5 mdq	5	✓	100.0	110.2	110.2
cal 6 mdq	6	✓	250.0	222.1	88.9
cal 7 mdq	7	✓	500.0	406.0	81.2
cal 8 mdq	8	✗	1000.0	688.5	68.8

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	alpha-PHP	Internal Standard	alpha-PVP-d8

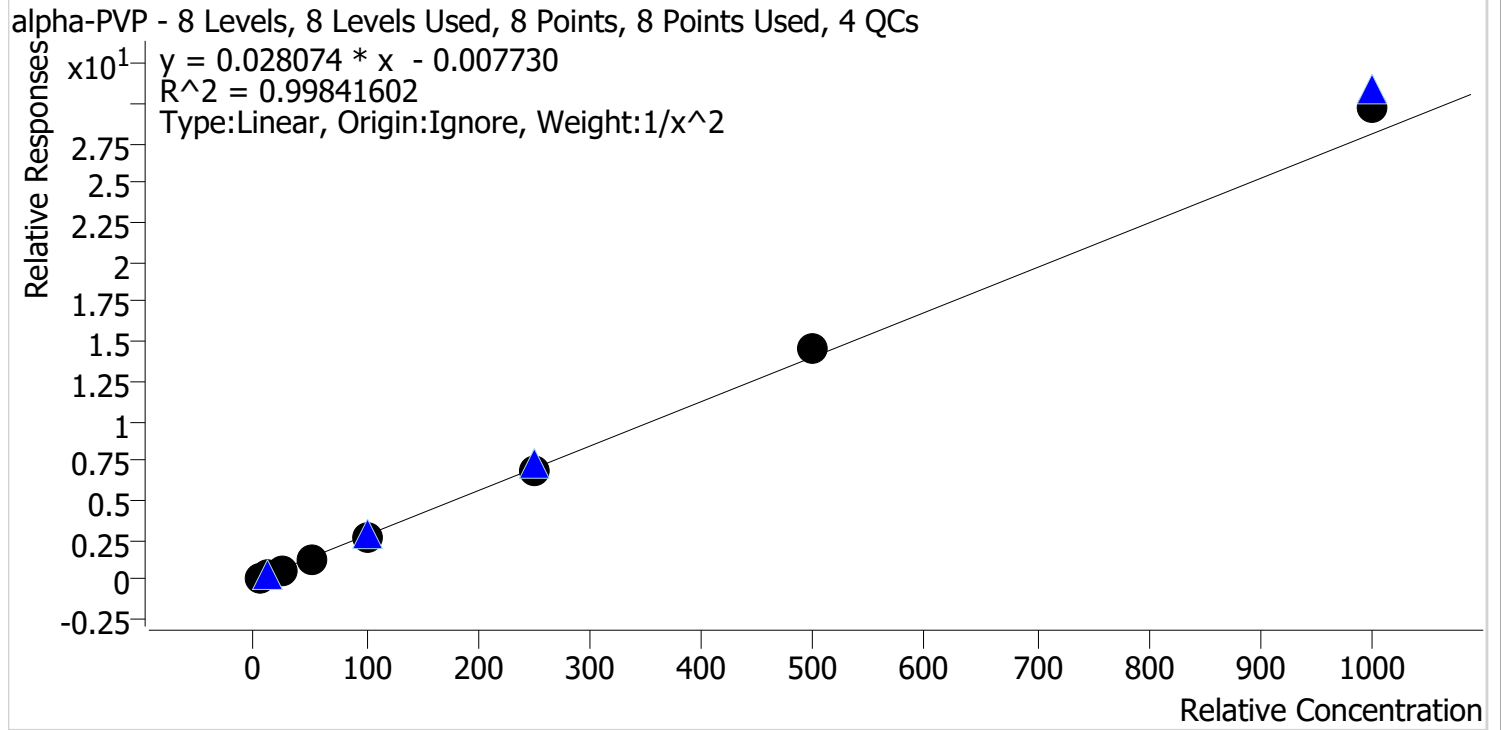
alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	26.2	104.8
cal 4 mdq	4	✓	50.0	51.9	103.9
cal 5 mdq	5	✓	100.0	105.3	105.3
cal 6 mdq	6	✓	250.0	252.1	100.9
cal 7 mdq	7	✓	500.0	486.6	97.3
cal 8 mdq	8	✓	1000.0	894.8	89.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

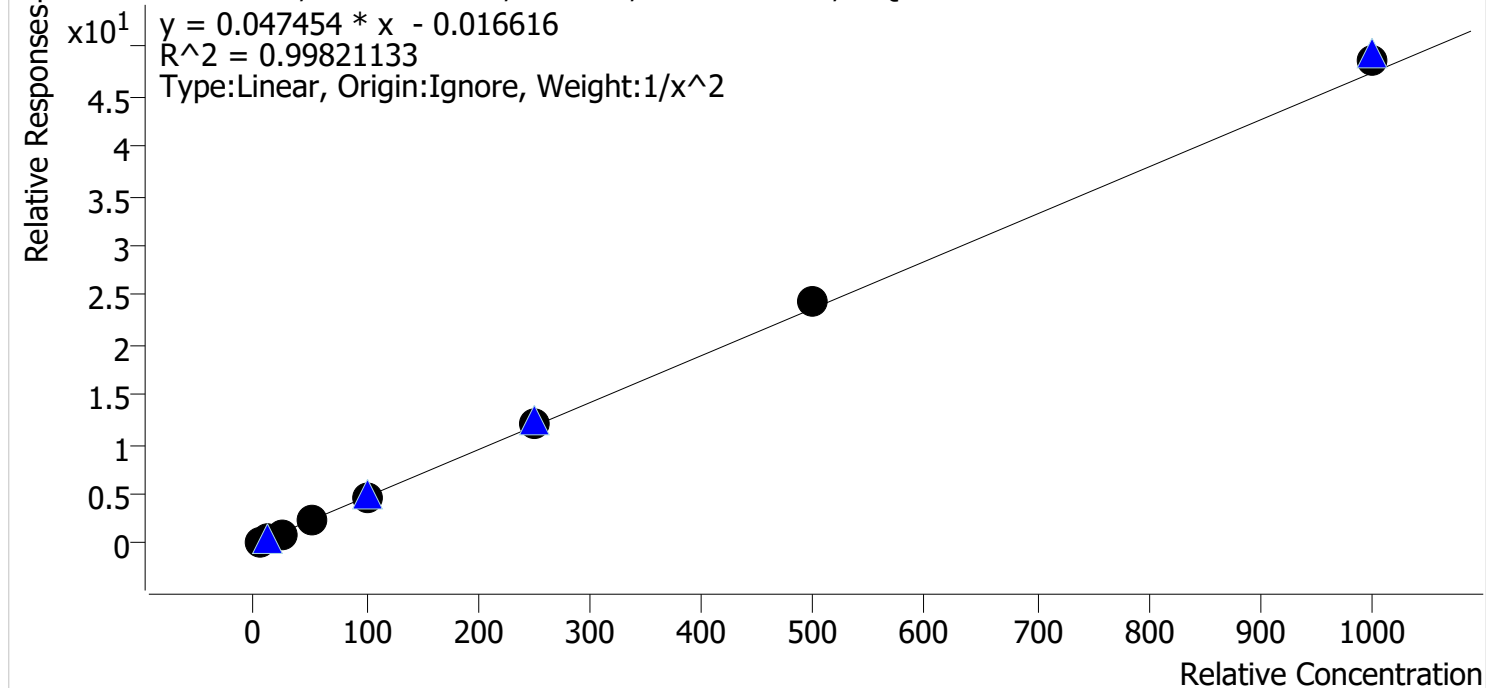


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.9
cal 2 mdq	2	✓	10.0	9.8	98.5
cal 3 mdq	3	✓	25.0	24.1	96.4
cal 4 mdq	4	✓	50.0	48.0	96.0
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	248.3	99.3
cal 7 mdq	7	✓	500.0	519.3	103.9
cal 8 mdq	8	✓	1000.0	1055.9	105.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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

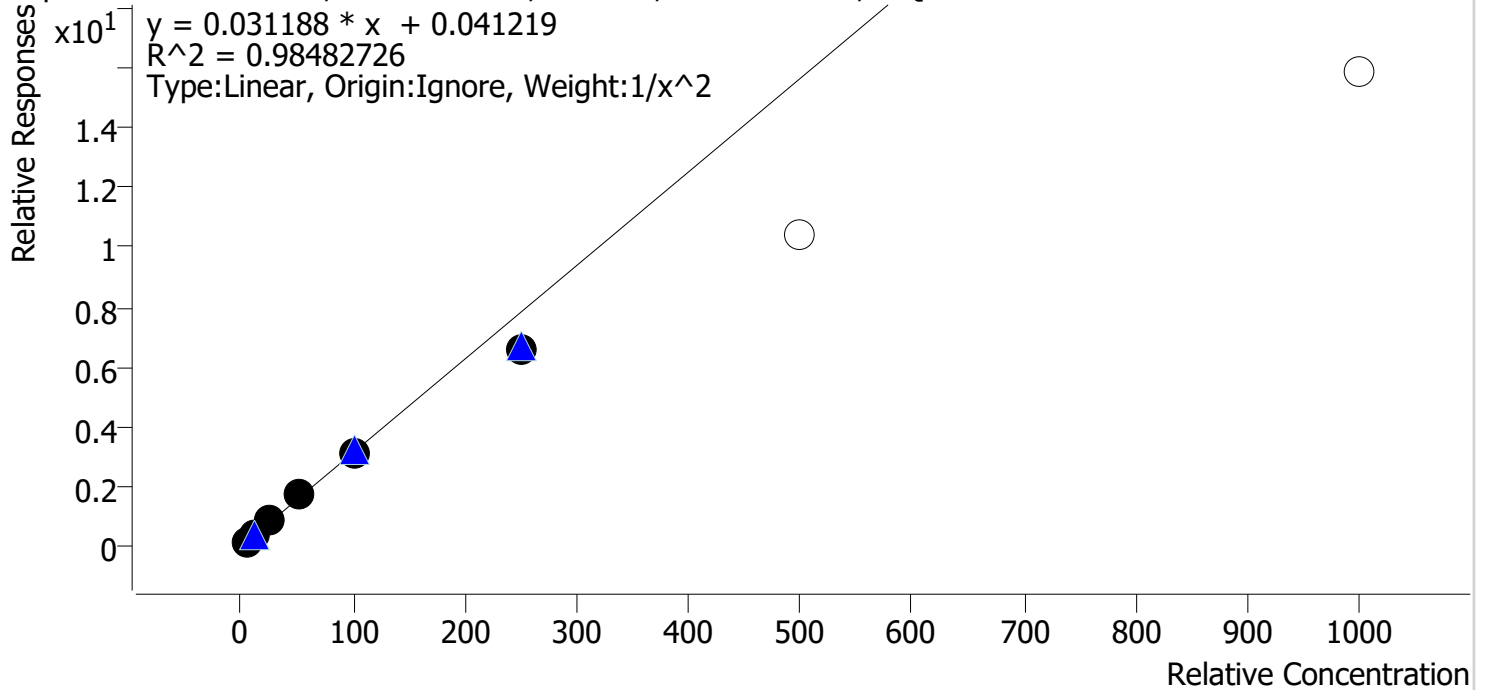


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	23.0	92.1
cal 4 mdq	4	✓	50.0	49.4	98.9
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	255.9	102.3
cal 7 mdq	7	✓	500.0	518.3	103.7
cal 8 mdq	8	✓	1000.0	1027.2	102.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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

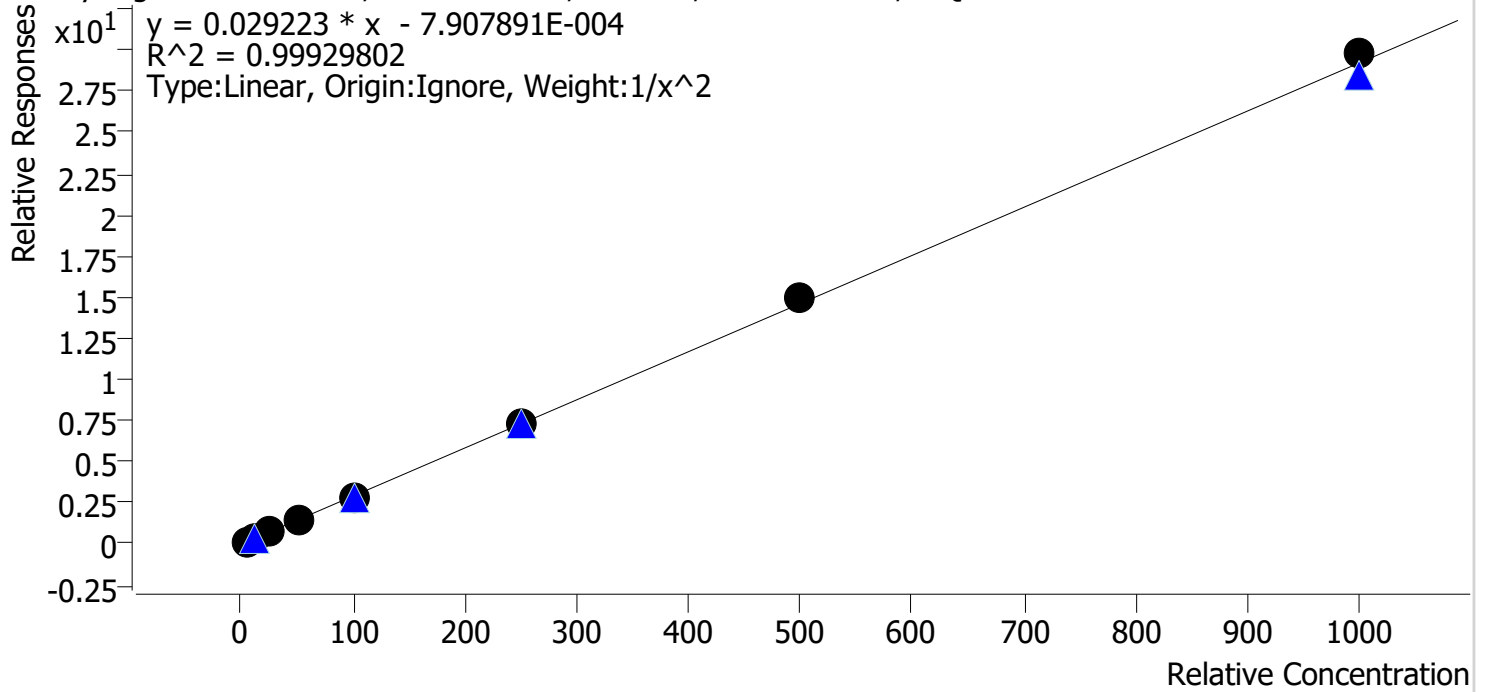


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.6
cal 2 mdq	2	✓	10.0	10.6	106.2
cal 3 mdq	3	✓	25.0	27.2	108.8
cal 4 mdq	4	✓	50.0	54.6	109.2
cal 5 mdq	5	✓	100.0	97.6	97.6
cal 6 mdq	6	✓	250.0	208.6	83.4
cal 7 mdq	7	✗	500.0	332.9	66.6
cal 8 mdq	8	✗	1000.0	507.8	50.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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

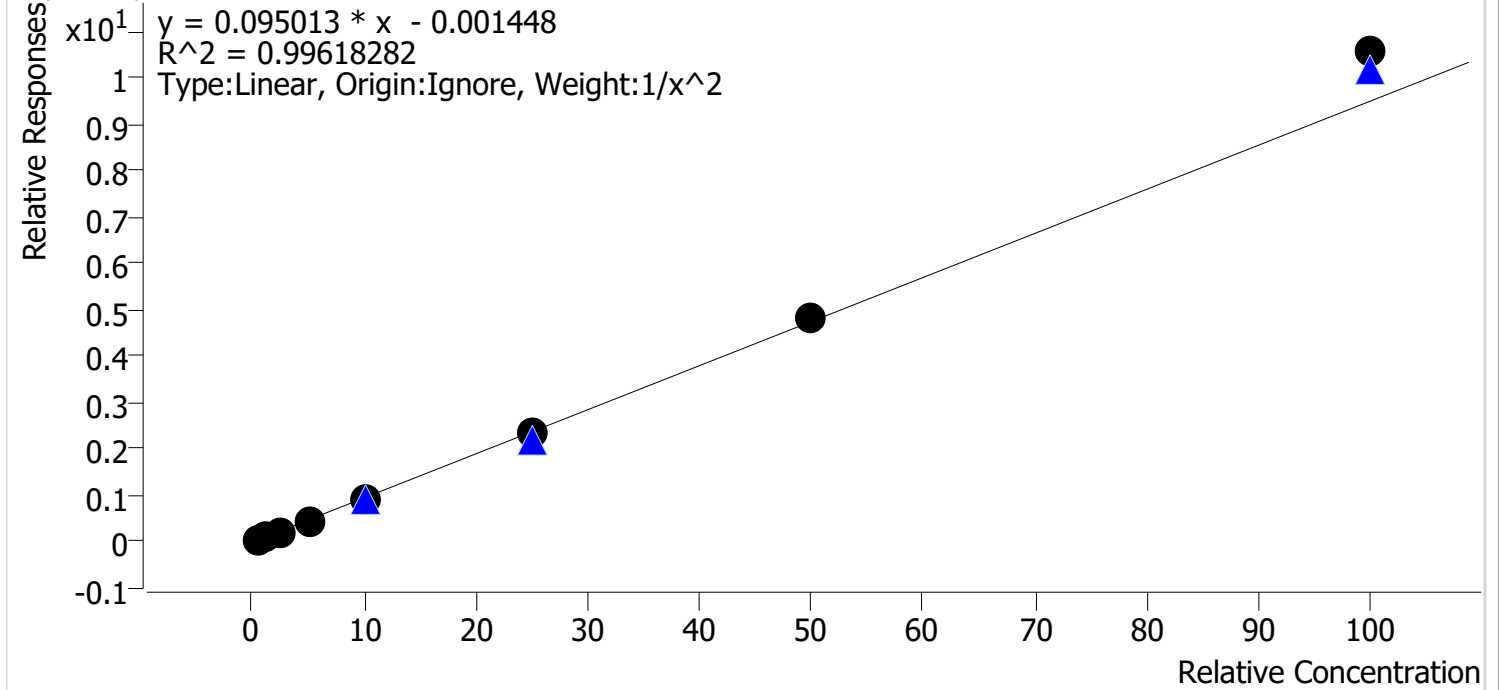


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.1
cal 2 mdq	2	✓	10.0	9.7	96.7
cal 3 mdq	3	✓	25.0	24.7	98.9
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	99.8	99.8
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	515.0	103.0
cal 8 mdq	8	✓	1000.0	1019.4	101.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

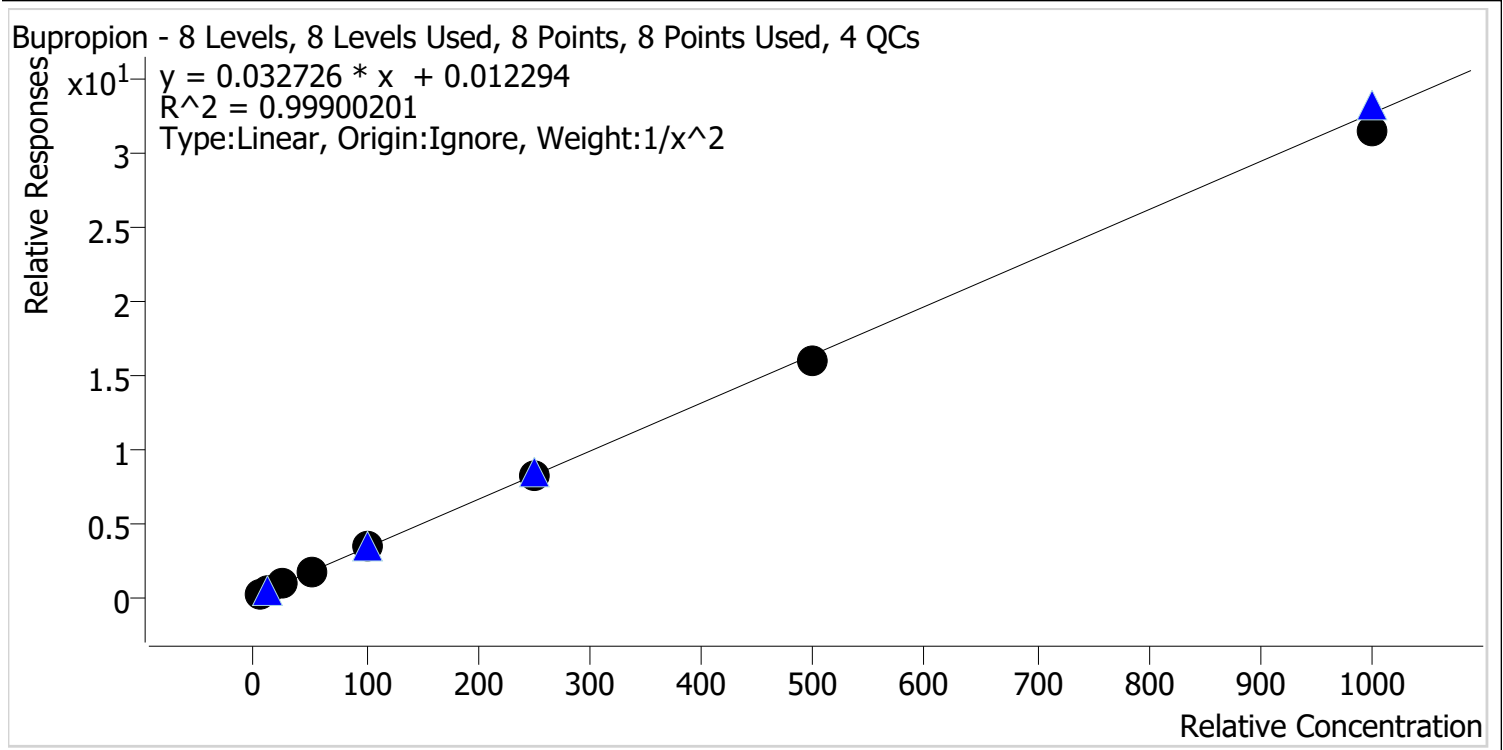
Buprenorphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	101.7
cal 2 mdq	2	✓	1.0	1.0	99.6
cal 3 mdq	3	✓	2.5	2.4	96.1
cal 4 mdq	4	✓	5.0	4.7	93.3
cal 5 mdq	5	✓	10.0	9.8	98.3
cal 6 mdq	6	✓	25.0	24.4	97.7
cal 7 mdq	7	✓	50.0	51.0	102.0
cal 8 mdq	8	✓	100.0	111.2	111.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

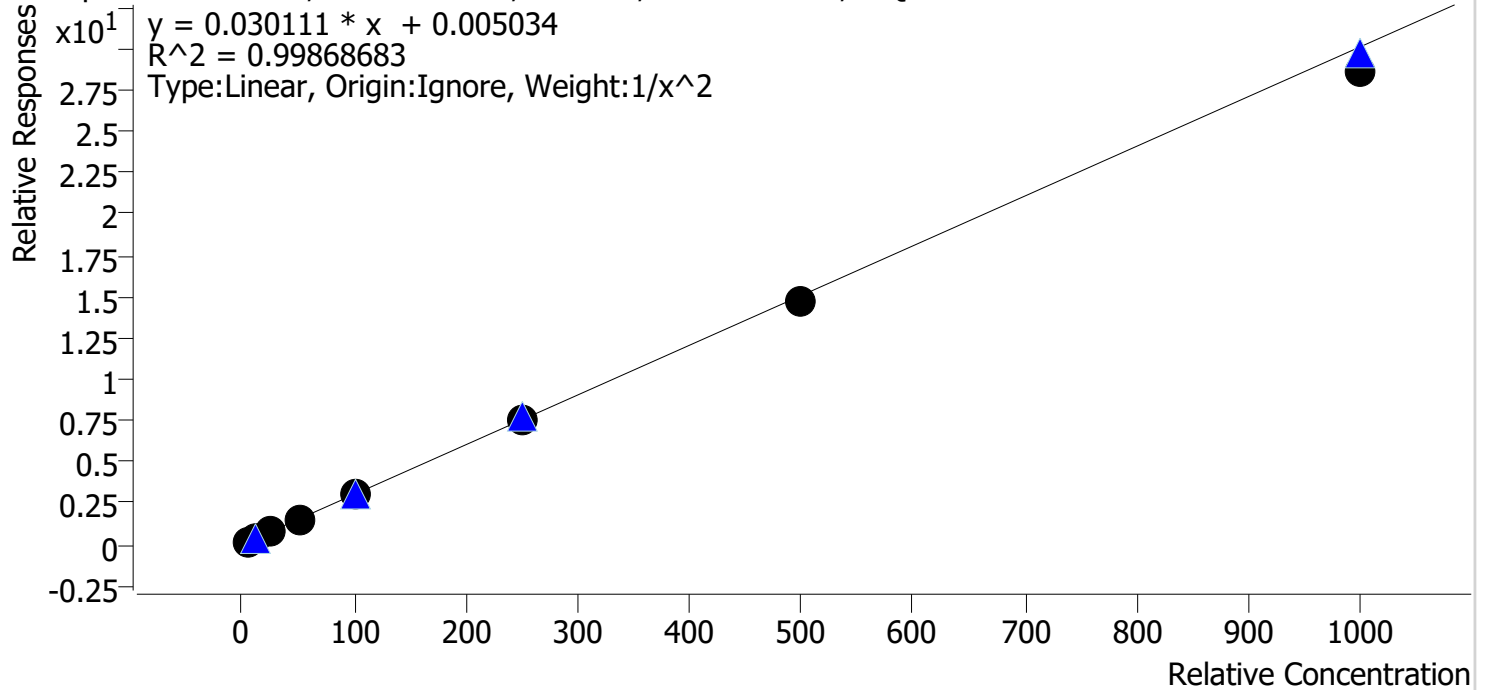


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.0
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	26.1	104.4
cal 4 mdq	4	✓	50.0	50.1	100.1
cal 5 mdq	5	✓	100.0	102.4	102.4
cal 6 mdq	6	✓	250.0	246.5	98.6
cal 7 mdq	7	✓	500.0	489.9	98.0
cal 8 mdq	8	✓	1000.0	964.1	96.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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

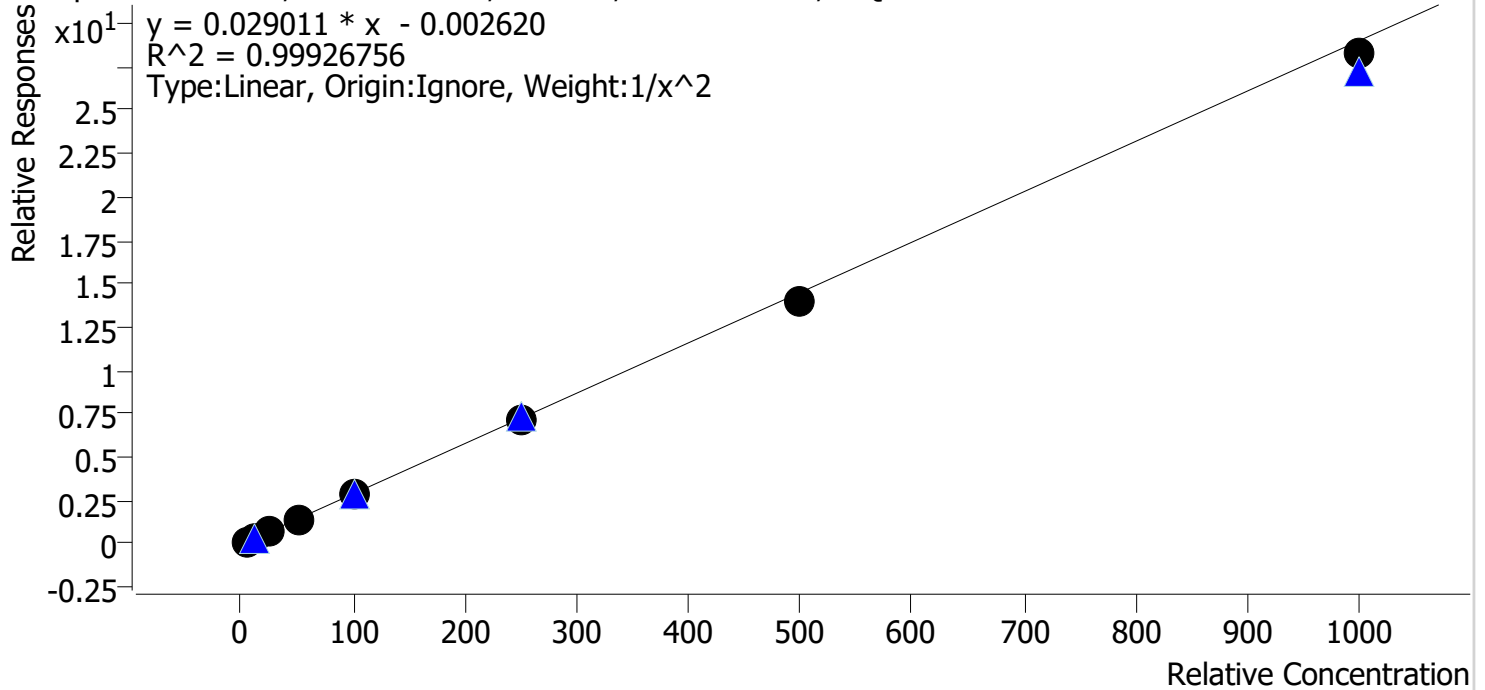


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.2
cal 2 mdq	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	25.9	103.7
cal 4 mdq	4	✓	50.0	49.7	99.3
cal 5 mdq	5	✓	100.0	104.1	104.1
cal 6 mdq	6	✓	250.0	249.4	99.7
cal 7 mdq	7	✓	500.0	490.0	98.0
cal 8 mdq	8	✓	1000.0	948.7	94.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

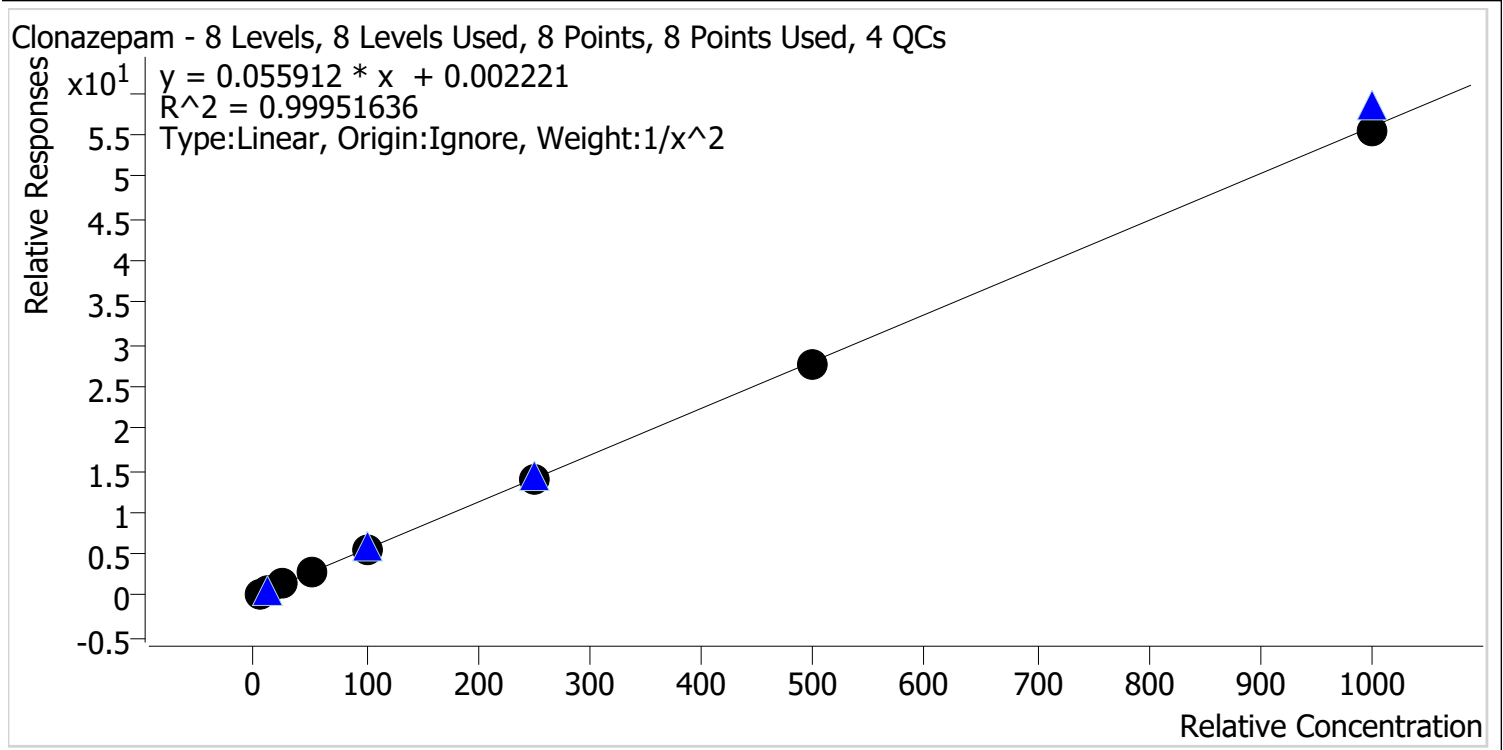
Citalopram - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.9
cal 2 mdq	2	✓	10.0	9.9	98.6
cal 3 mdq	3	✓	25.0	25.5	102.0
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	102.7	102.7
cal 6 mdq	6	✓	250.0	248.0	99.2
cal 7 mdq	7	✓	500.0	485.2	97.0
cal 8 mdq	8	✓	1000.0	974.4	97.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

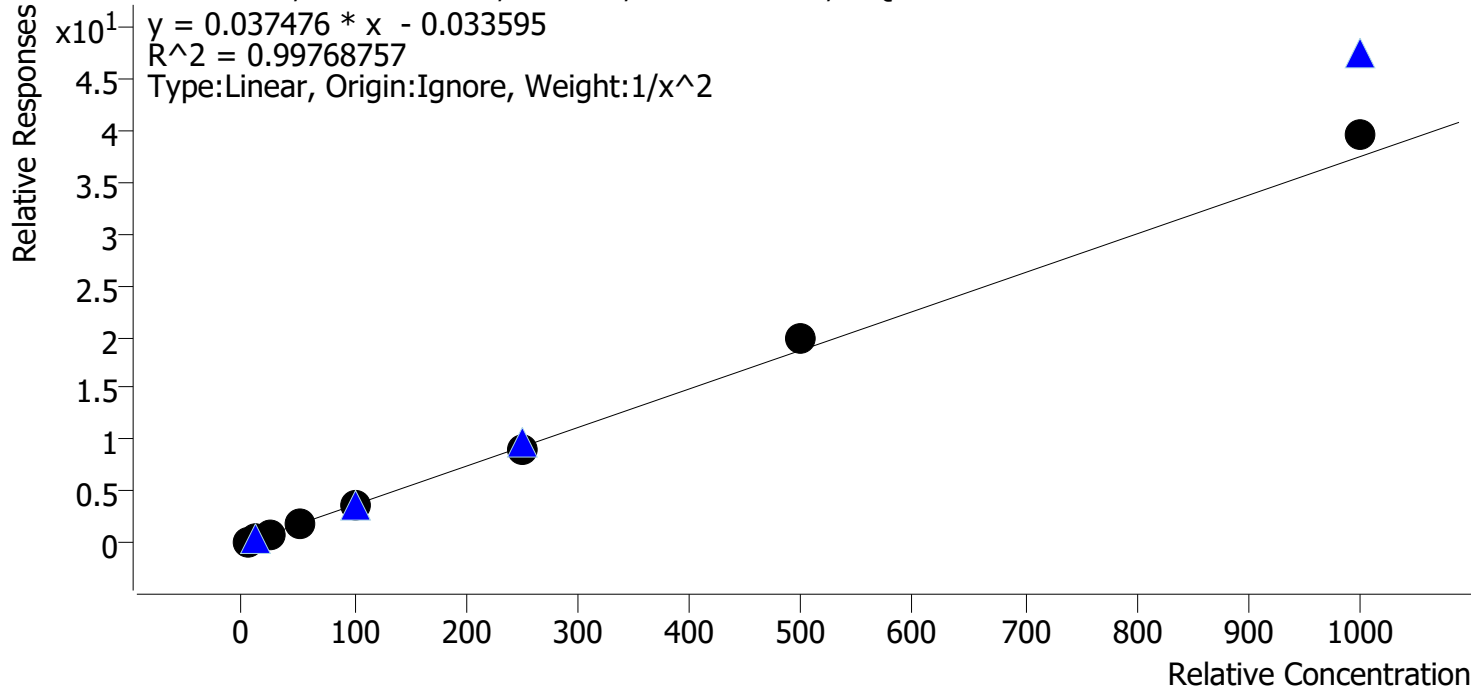


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.7	96.8
cal 3 mdq	3	✓	25.0	25.5	102.0
cal 4 mdq	4	✓	50.0	51.3	102.5
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	248.0	99.2
cal 7 mdq	7	✓	500.0	493.0	98.6
cal 8 mdq	8	✓	1000.0	990.1	99.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Nordiazepam-D5

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

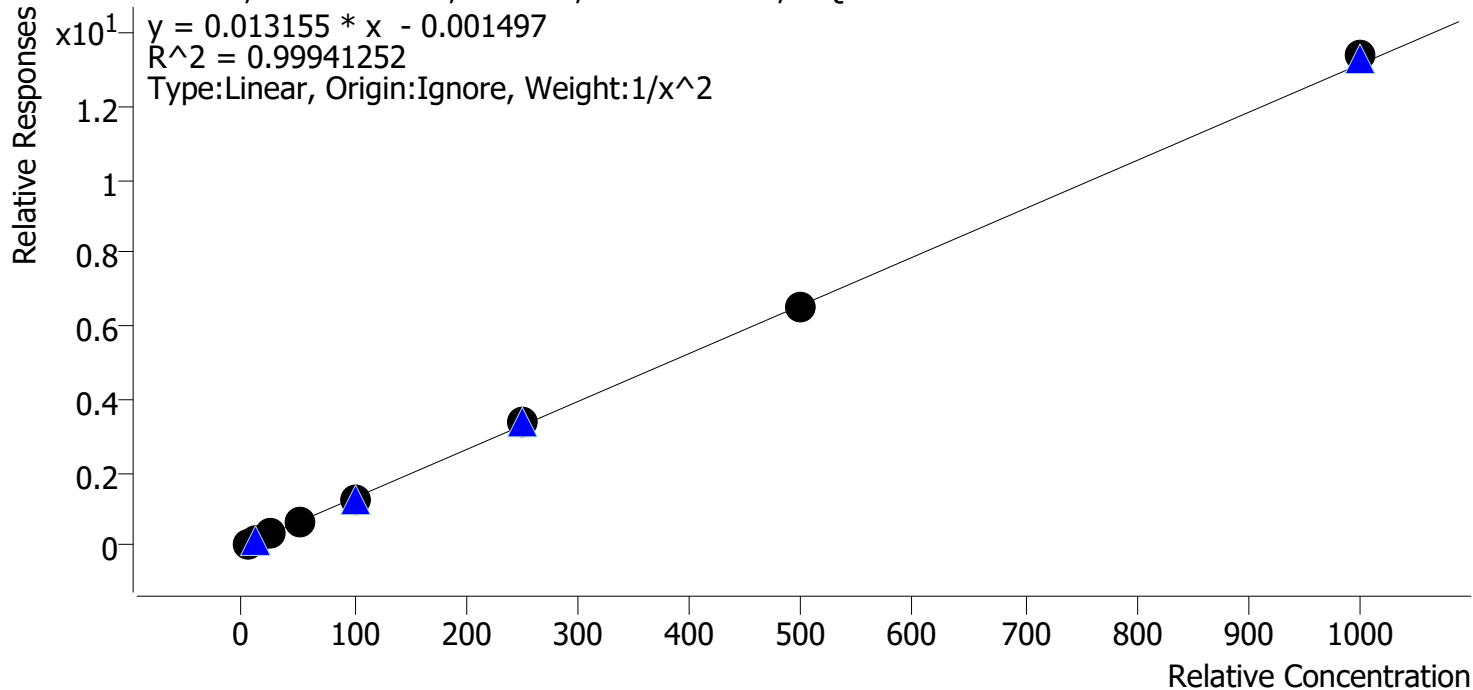


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.9
cal 2 mdq	2	✓	10.0	9.7	96.8
cal 3 mdq	3	✓	25.0	23.6	94.5
cal 4 mdq	4	✓	50.0	49.1	98.1
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	244.6	97.8
cal 7 mdq	7	✓	500.0	529.6	105.9
cal 8 mdq	8	✓	1000.0	1053.4	105.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



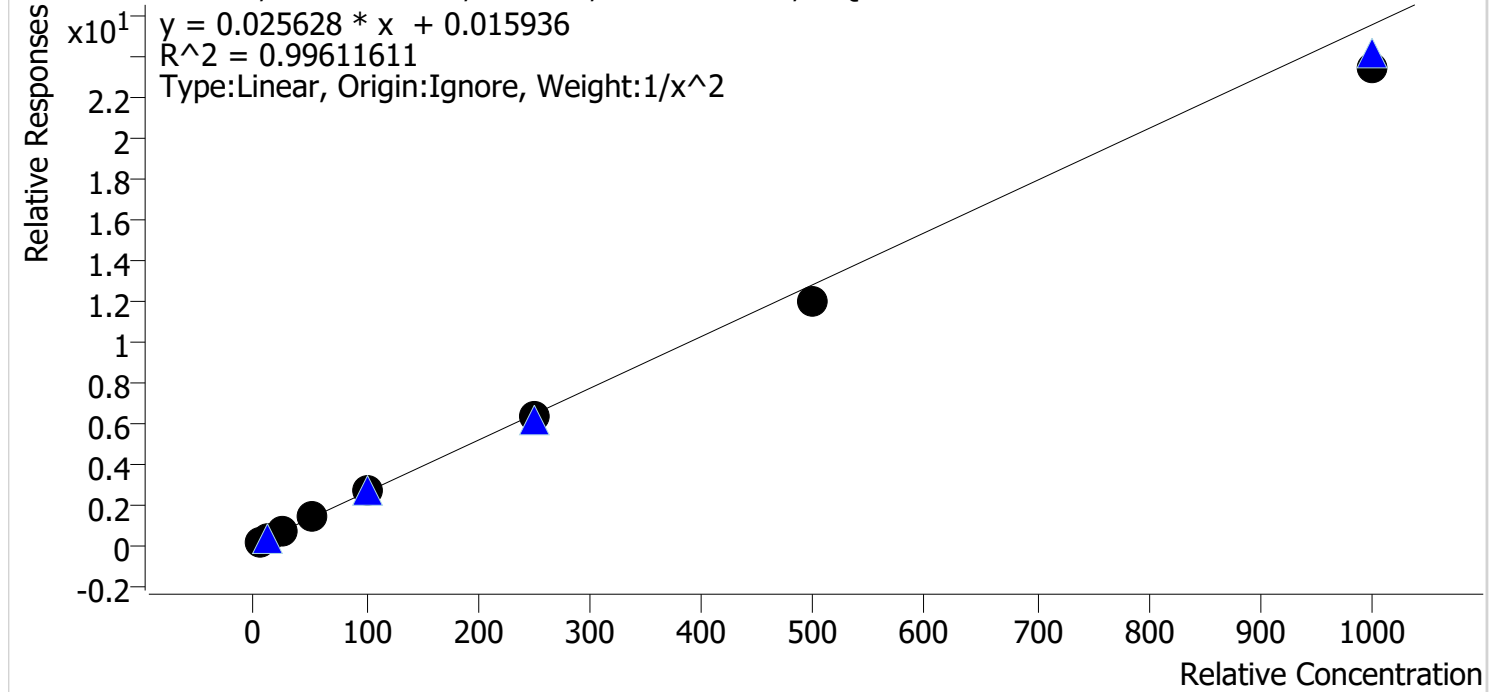
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdq	2	✓	10.0	9.7	97.5
cal 3 mdq	3	✓	25.0	25.3	101.1
cal 4 mdq	4	✓	50.0	48.3	96.7
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	256.5	102.6
cal 7 mdq	7	✓	500.0	497.9	99.6
cal 8 mdq	8	✓	1000.0	1017.9	101.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Codeine

Internal Standard Codeine-D6

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

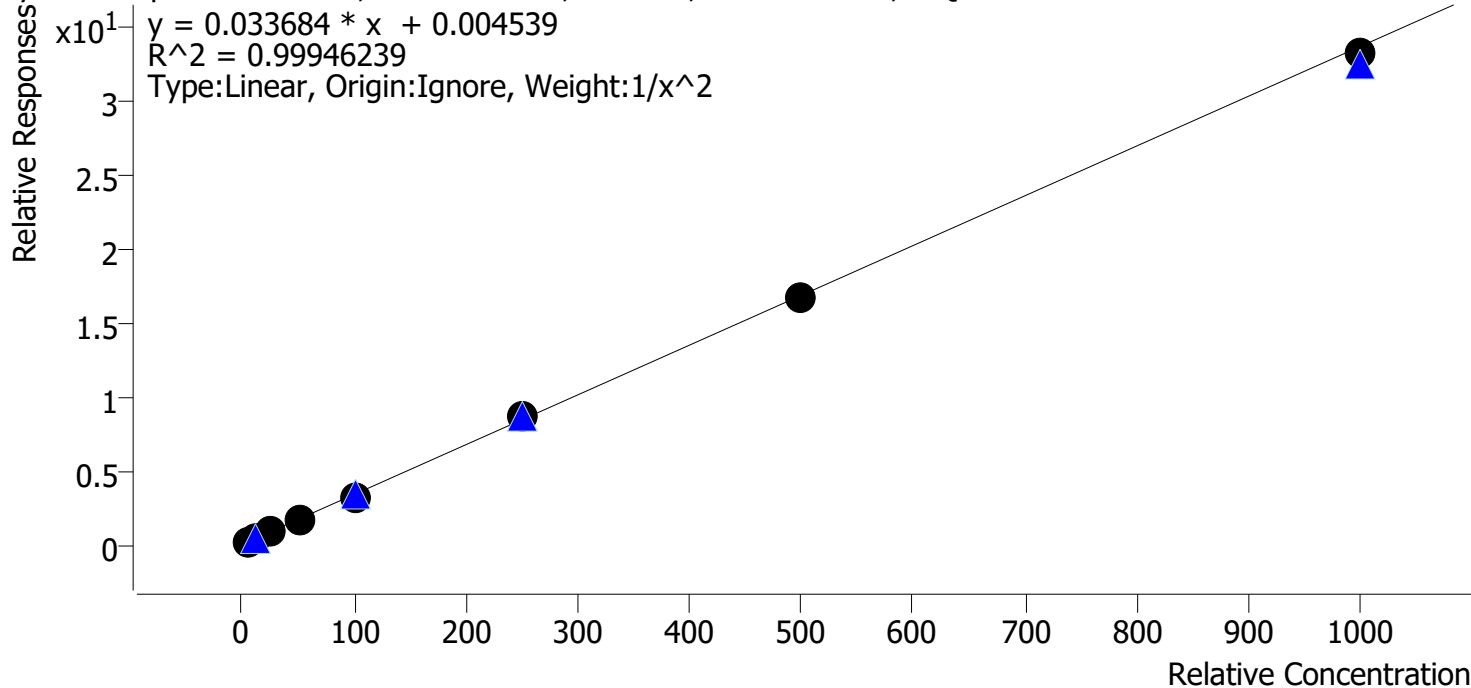


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.5
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	26.8	107.1
cal 4 mdq	4	✓	50.0	51.3	102.5
cal 5 mdq	5	✓	100.0	106.2	106.2
cal 6 mdq	6	✓	250.0	249.0	99.6
cal 7 mdq	7	✓	500.0	470.4	94.1
cal 8 mdq	8	✓	1000.0	917.7	91.8

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	Cyclobenzaprine	Internal Standard	Cyclobenzaprine-D3

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

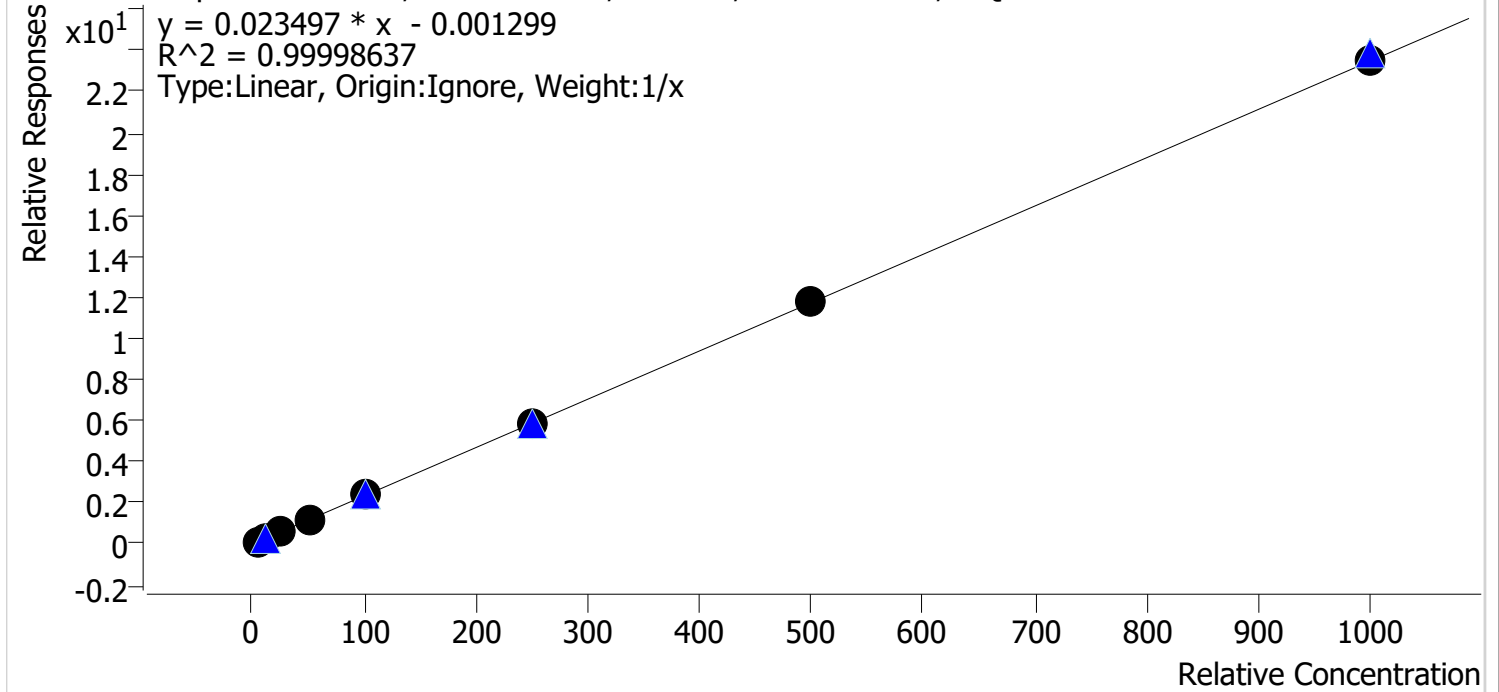


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	25.6	102.3
cal 4 mdq	4	✓	50.0	50.6	101.3
cal 5 mdq	5	✓	100.0	96.8	96.8
cal 6 mdq	6	✓	250.0	256.4	102.6
cal 7 mdq	7	✓	500.0	498.3	99.7
cal 8 mdq	8	✓	1000.0	985.7	98.6

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	Dextromethorphan	Internal Standard	Dextromethorphan-D3

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

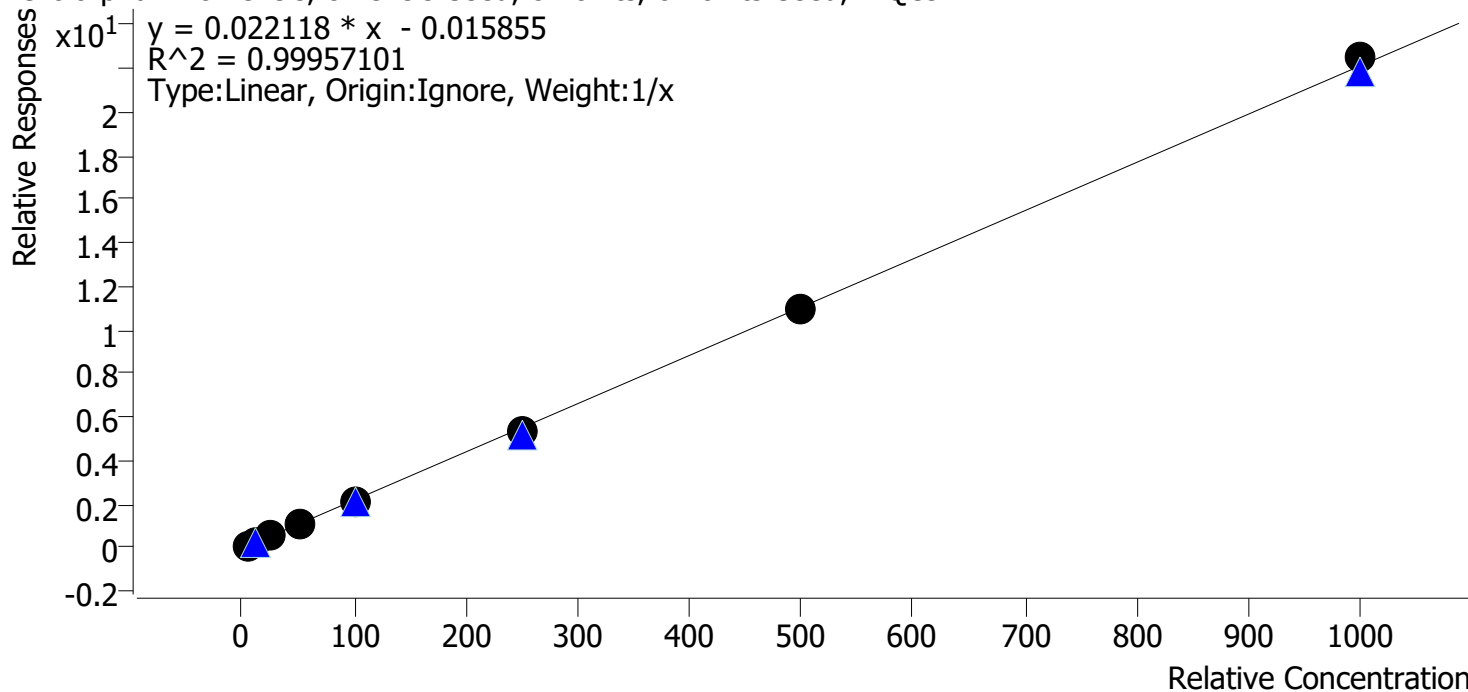


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	49.6	99.2
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdq	6	✓	250.0	249.2	99.7
cal 7 mdq	7	✓	500.0	501.1	100.2
cal 8 mdq	8	✓	1000.0	999.5	99.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

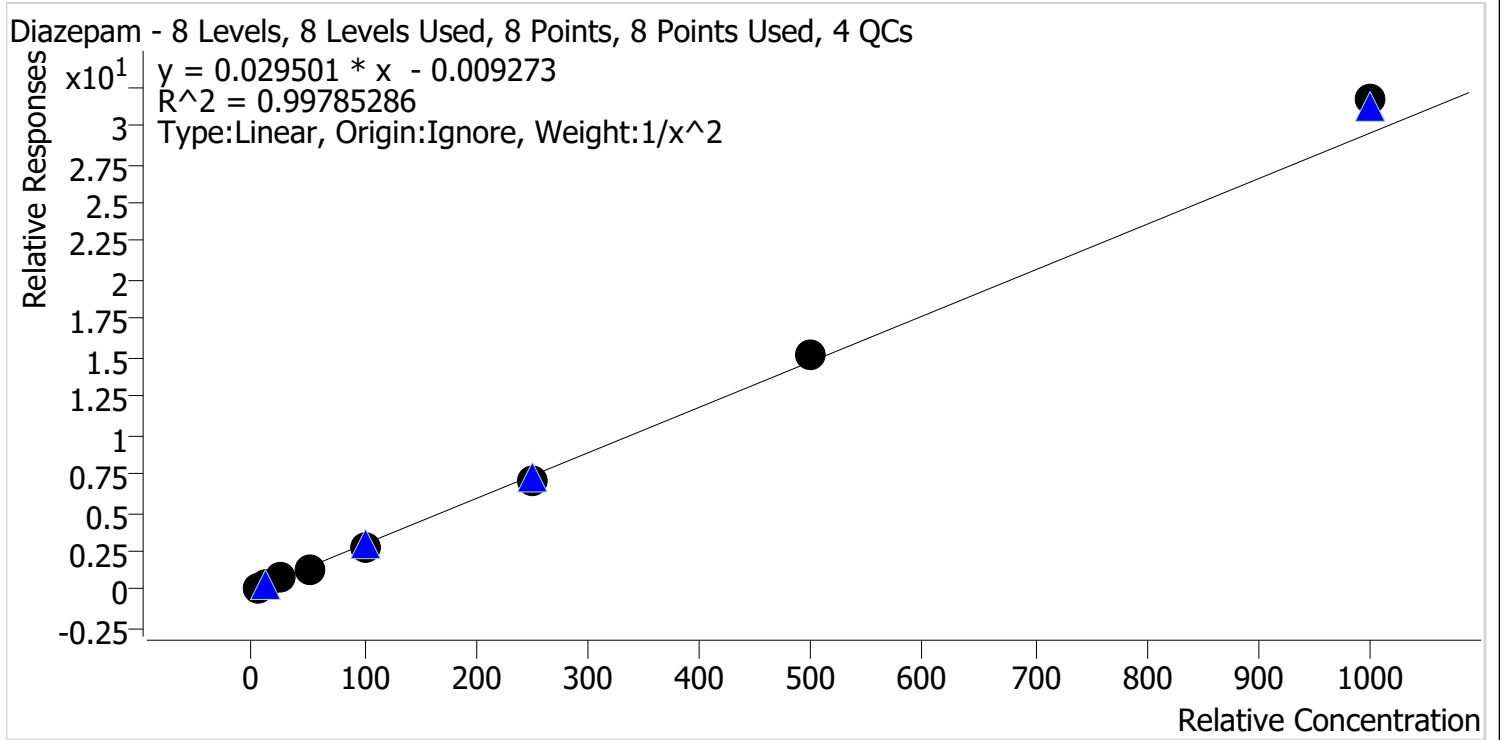
Dextrorphan - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.6	111.1
cal 2 mdq	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	47.6	95.2
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	244.9	97.9
cal 7 mdq	7	✓	500.0	492.5	98.5
cal 8 mdq	8	✓	1000.0	1017.2	101.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

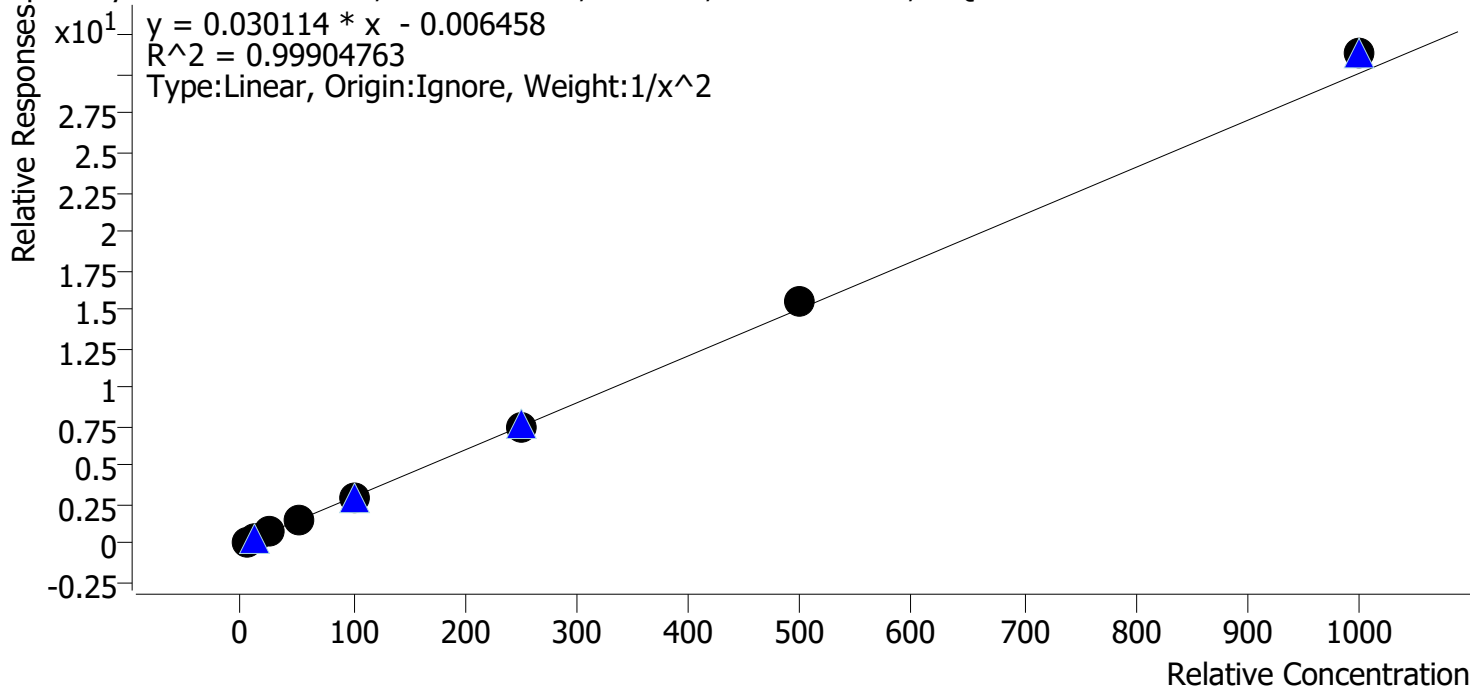


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	10.3	102.8
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	47.9	95.8
cal 5 mdq	5	✓	100.0	96.7	96.7
cal 6 mdq	6	✓	250.0	241.6	96.6
cal 7 mdq	7	✓	500.0	514.8	103.0
cal 8 mdq	8	✓	1000.0	1073.2	107.3

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	Diphenhydramine	Internal Standard	Diphenhydramine-D3

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

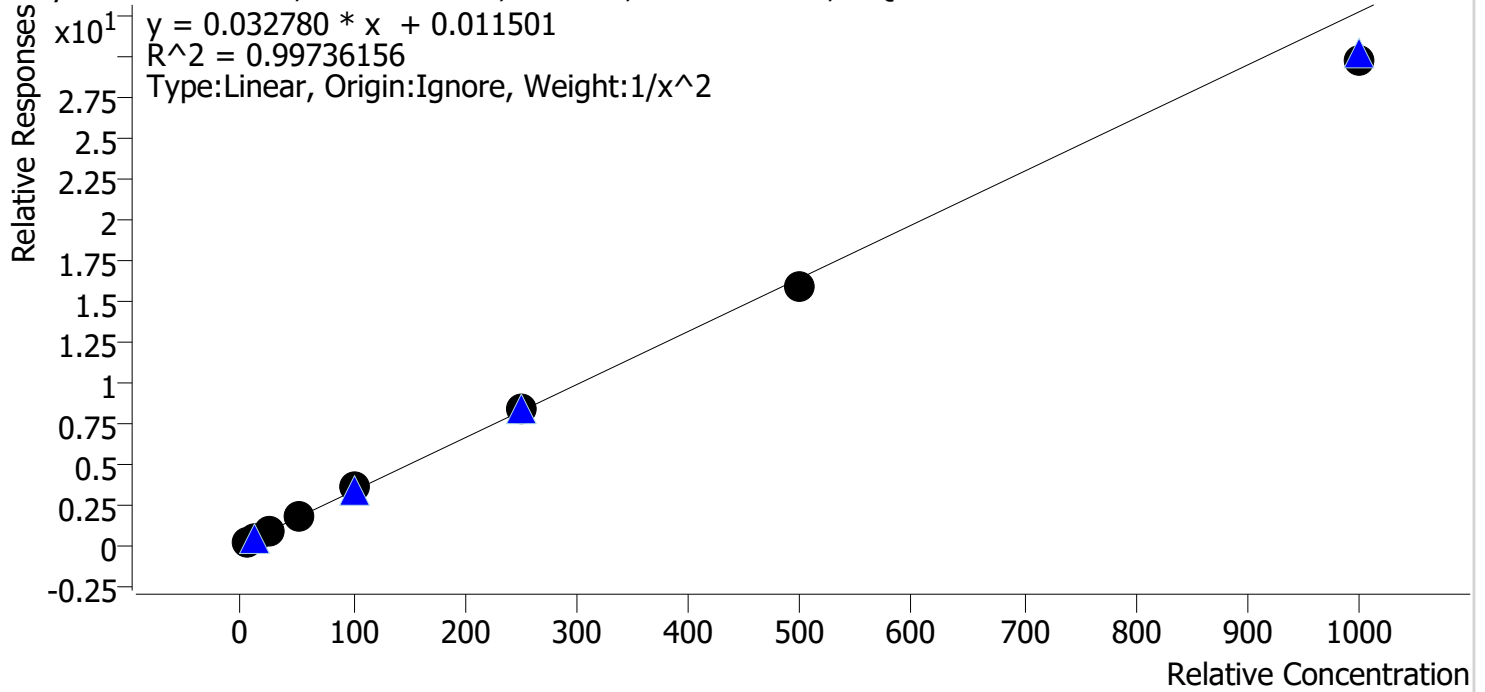


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	48.2	96.4
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	248.4	99.3
cal 7 mdq	7	✓	500.0	513.9	102.8
cal 8 mdq	8	✓	1000.0	1040.1	104.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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

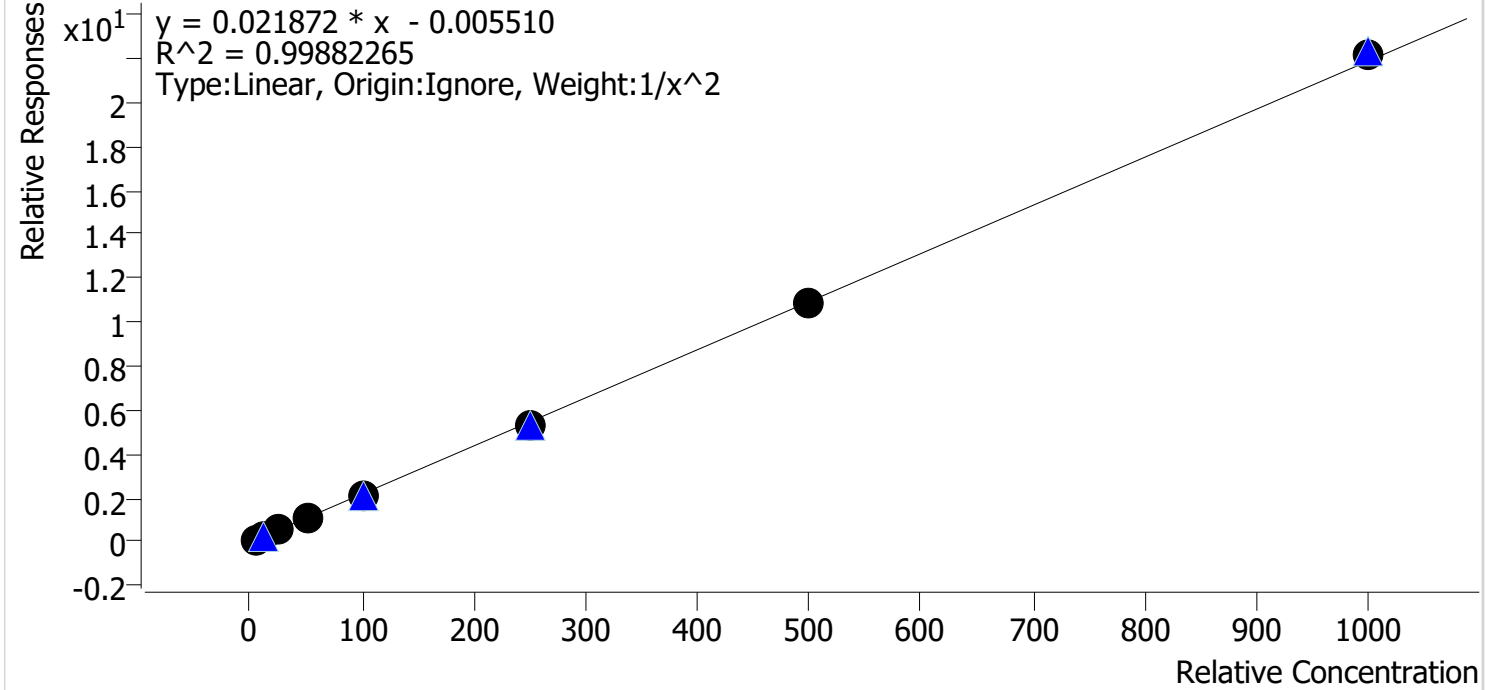


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.0
cal 2 mdq	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	25.7	102.6
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	104.9	104.9
cal 6 mdq	6	✓	250.0	255.2	102.1
cal 7 mdq	7	✓	500.0	483.2	96.6
cal 8 mdq	8	✓	1000.0	911.6	91.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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

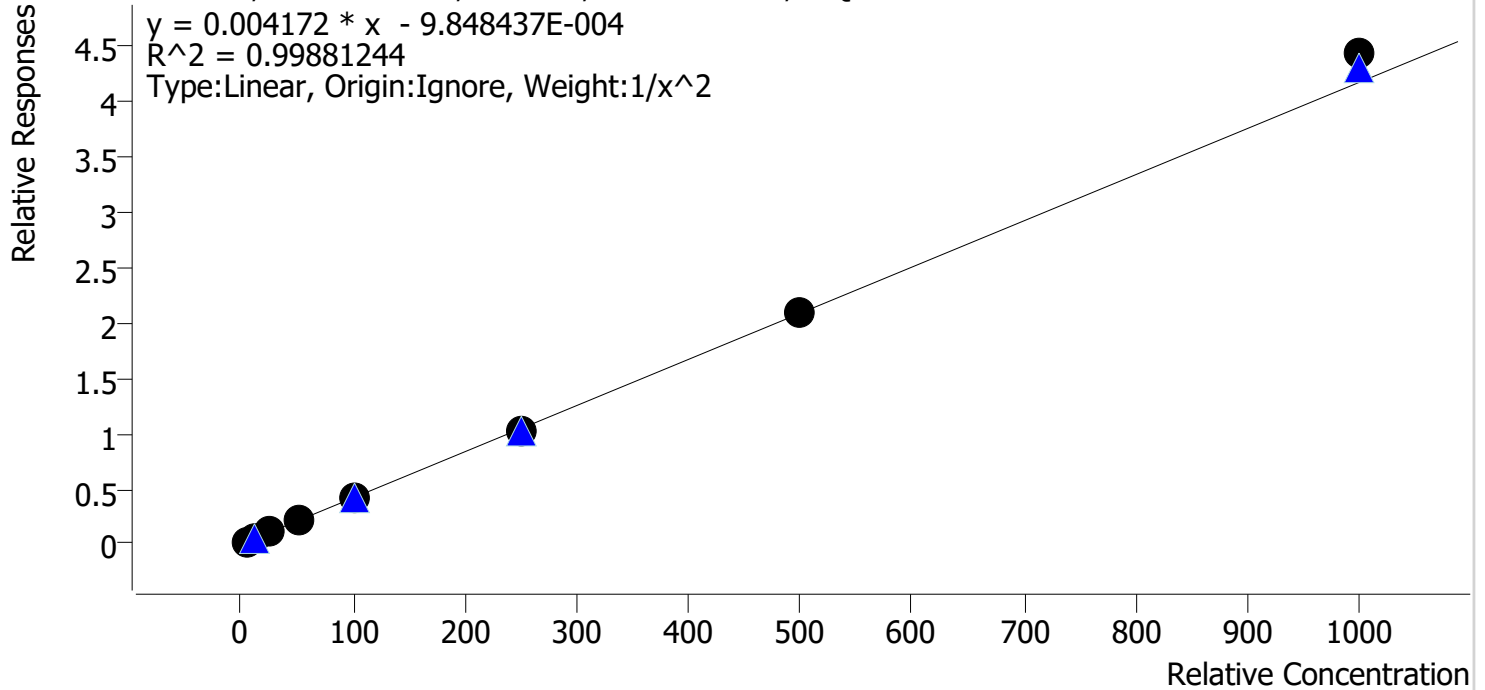


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdq	2	✓	10.0	10.4	104.3
cal 3 mdq	3	✓	25.0	26.1	104.4
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	244.9	98.0
cal 7 mdq	7	✓	500.0	497.7	99.5
cal 8 mdq	8	✓	1000.0	1012.7	101.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Diazepam-D5

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

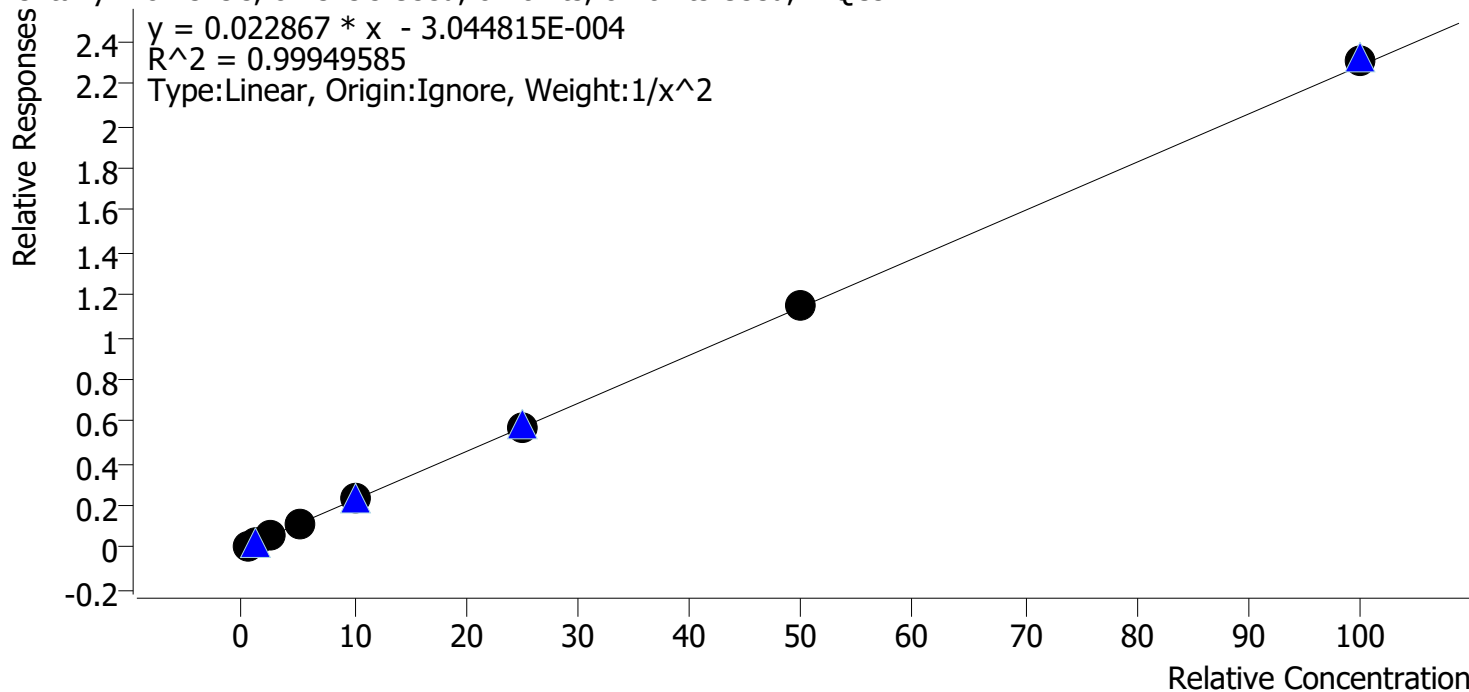


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	48.0	96.0
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	243.8	97.5
cal 7 mdq	7	✓	500.0	500.2	100.0
cal 8 mdq	8	✓	1000.0	1062.3	106.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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

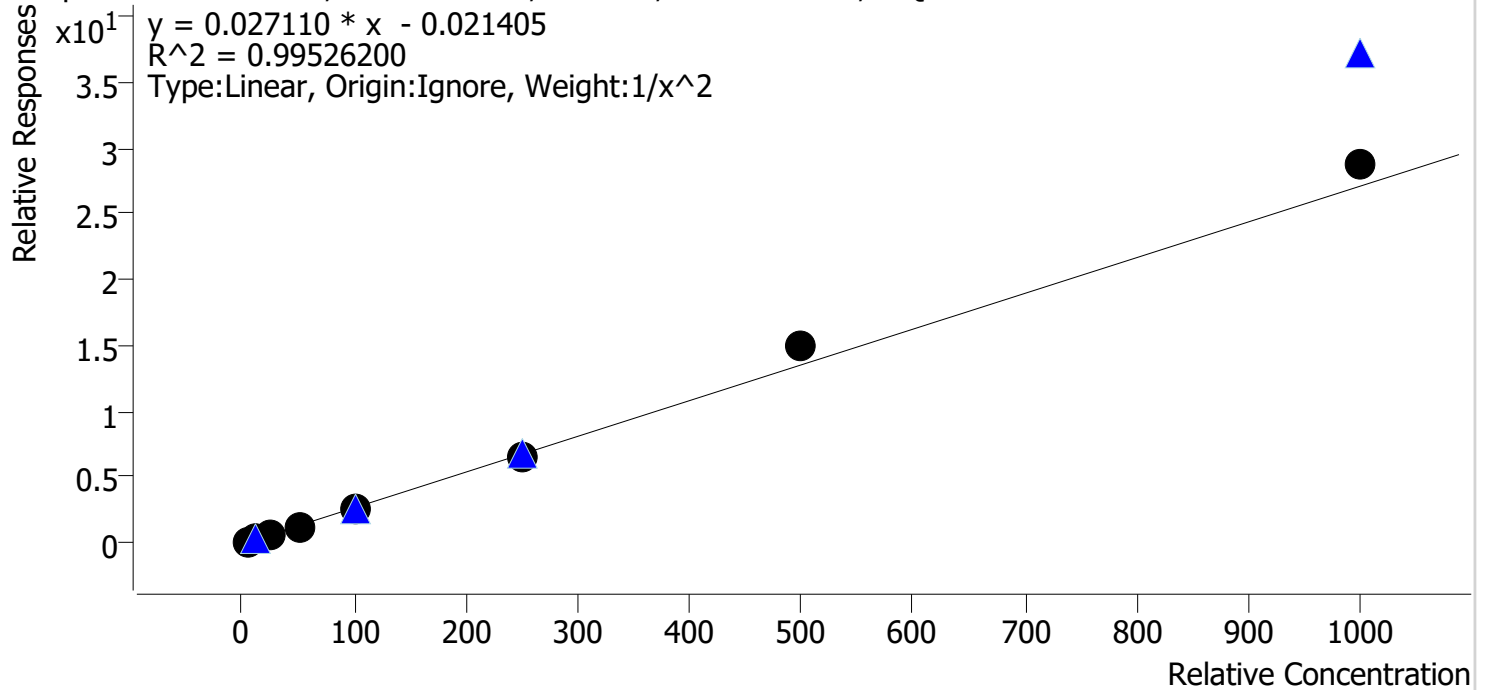


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	98.6
cal 2 mdq	2	✓	1.0	1.0	103.7
cal 3 mdq	3	✓	2.5	2.5	98.9
cal 4 mdq	4	✓	5.0	4.9	97.8
cal 5 mdq	5	✓	10.0	10.1	100.7
cal 6 mdq	6	✓	25.0	24.6	98.6
cal 7 mdq	7	✓	50.0	50.2	100.5
cal 8 mdq	8	✓	100.0	101.3	101.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Nordiazepam-D5

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

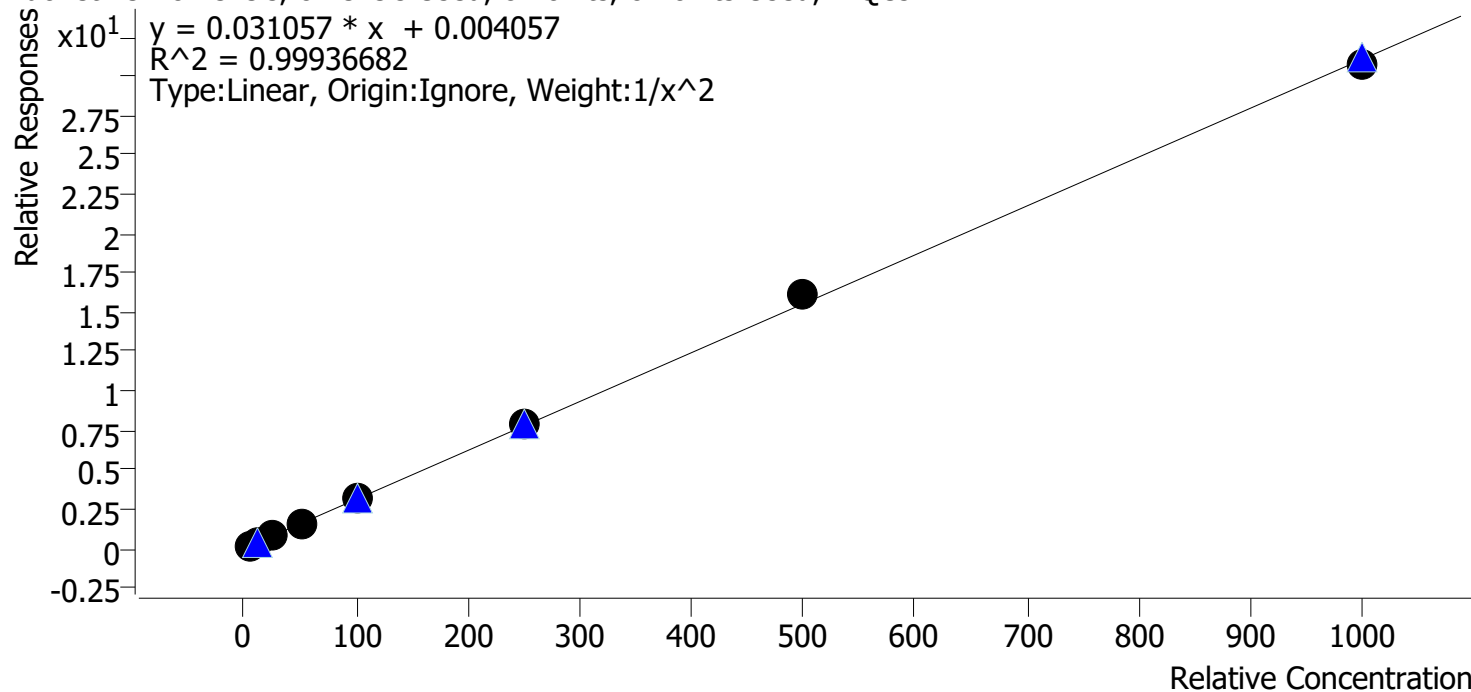


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.3
cal 2 mdq	2	✓	10.0	9.6	96.4
cal 3 mdq	3	✓	25.0	24.1	96.4
cal 4 mdq	4	✓	50.0	46.6	93.1
cal 5 mdq	5	✓	100.0	96.9	96.9
cal 6 mdq	6	✓	250.0	243.3	97.3
cal 7 mdq	7	✓	500.0	554.1	110.8
cal 8 mdq	8	✓	1000.0	1057.7	105.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

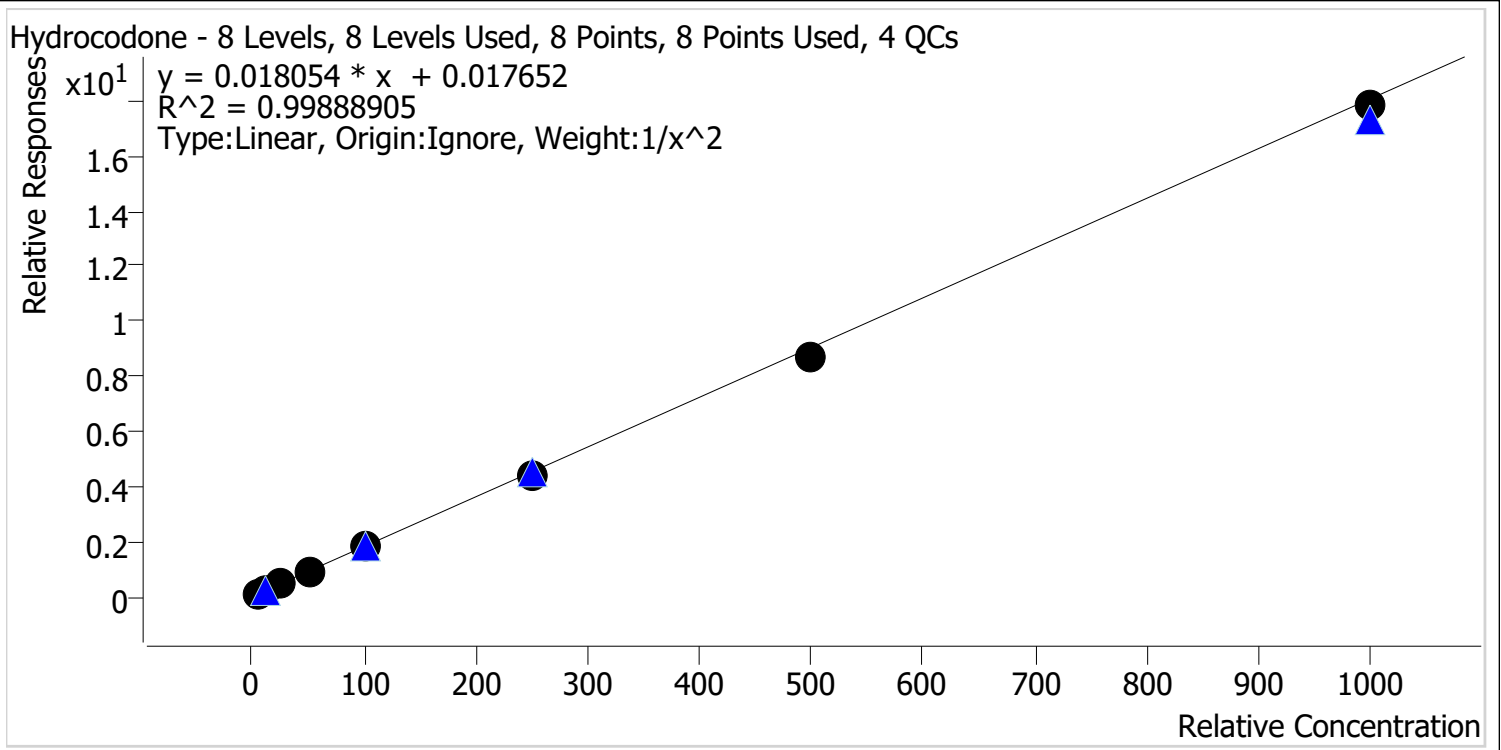
Fluoxetine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.7	97.4
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	48.5	97.0
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	252.7	101.1
cal 7 mdq	7	✓	500.0	516.9	103.4
cal 8 mdq	8	✓	1000.0	988.0	98.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

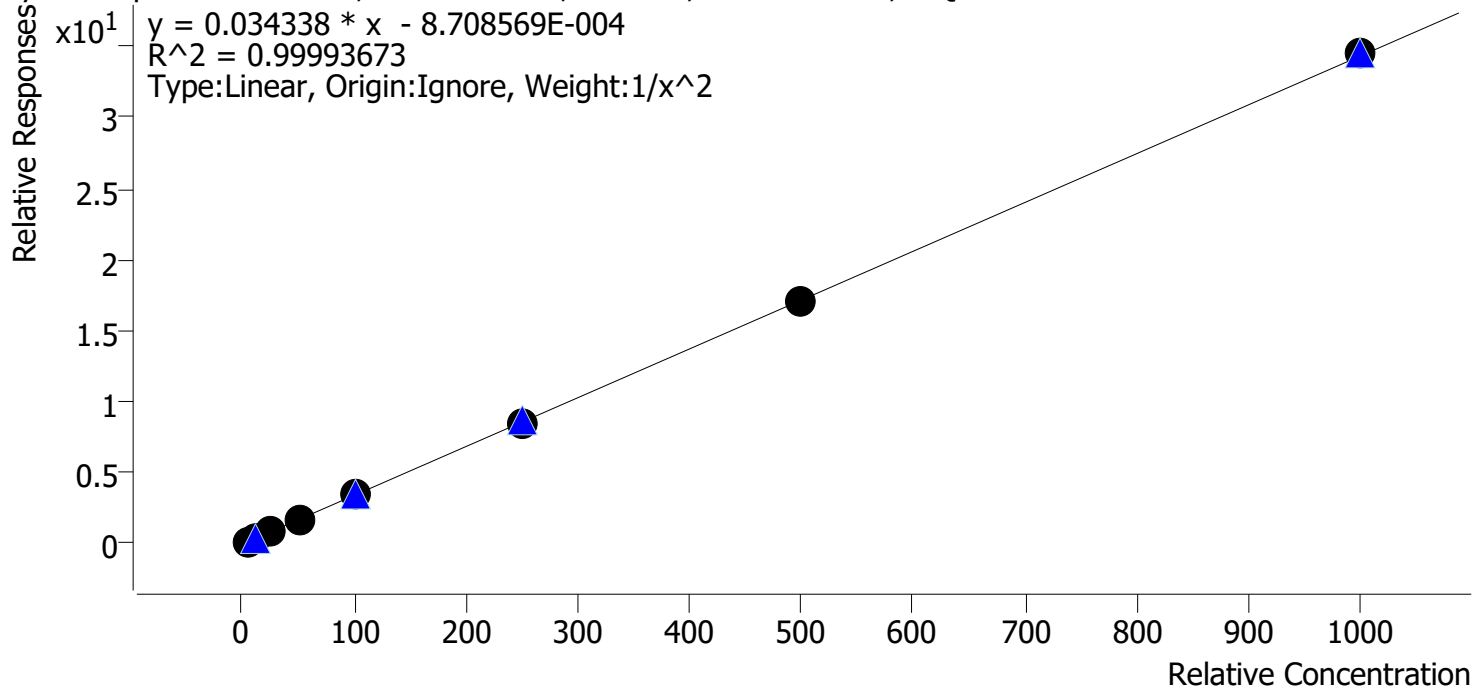


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.0
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	26.0	104.2
cal 4 mdq	4	✓	50.0	51.7	103.4
cal 5 mdq	5	✓	100.0	101.8	101.8
cal 6 mdq	6	✓	250.0	243.4	97.4
cal 7 mdq	7	✓	500.0	479.8	96.0
cal 8 mdq	8	✓	1000.0	986.5	98.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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

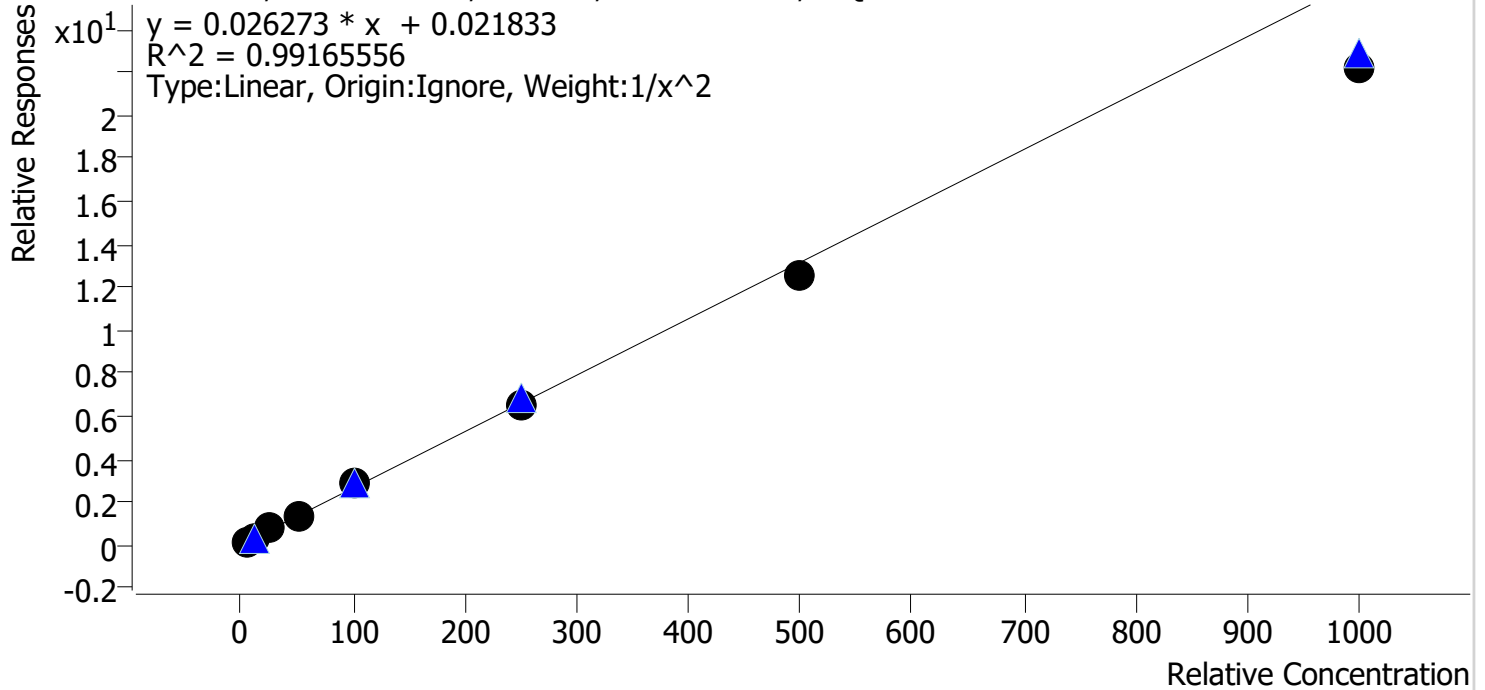


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	24.8	99.2
cal 4 mdq	4	✓	50.0	49.4	98.9
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	250.5	100.2
cal 7 mdq	7	✓	500.0	500.0	100.0
cal 8 mdq	8	✓	1000.0	1005.0	100.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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

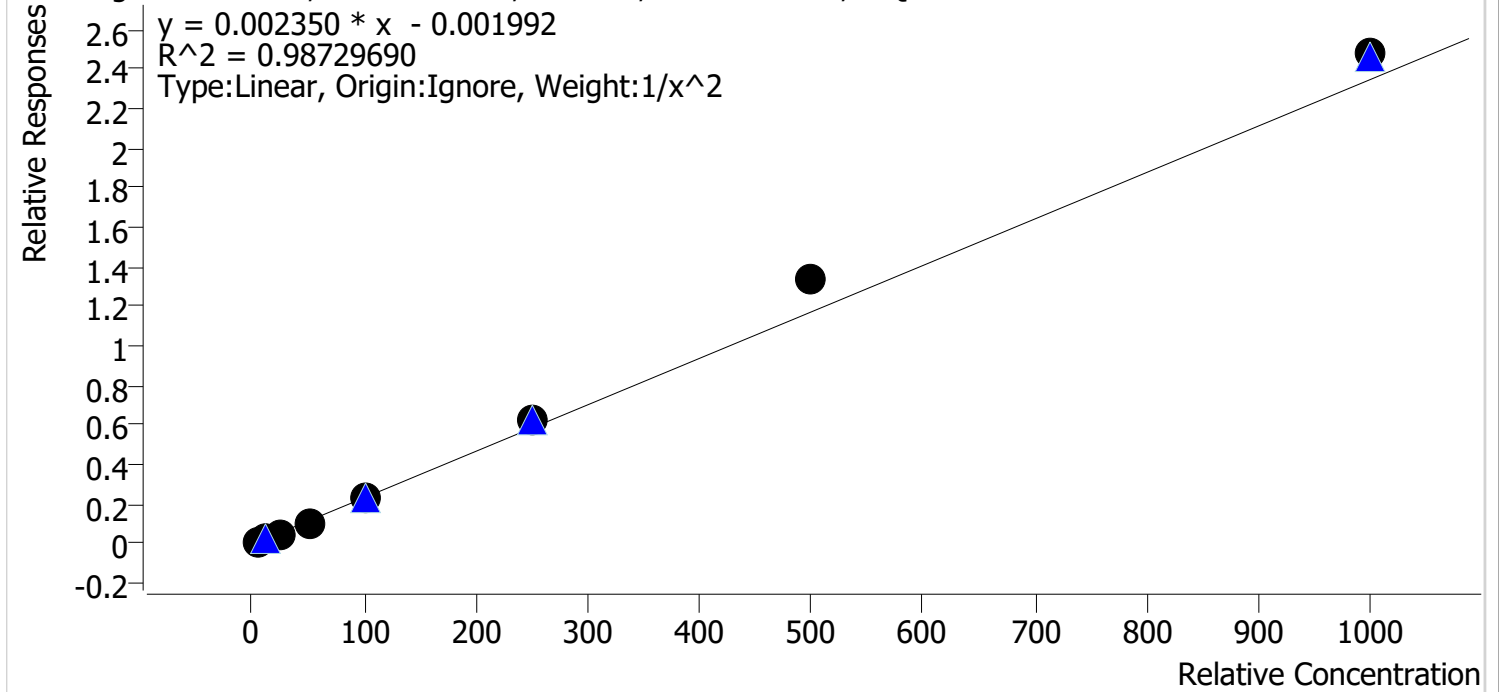


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.8
cal 2 mdq	2	✓	10.0	10.4	103.9
cal 3 mdq	3	✓	25.0	26.9	107.4
cal 4 mdq	4	✓	50.0	52.7	105.3
cal 5 mdq	5	✓	100.0	108.0	108.0
cal 6 mdq	6	✓	250.0	249.9	100.0
cal 7 mdq	7	✓	500.0	475.1	95.0
cal 8 mdq	8	✓	1000.0	845.8	84.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Fluoxetine-D6

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

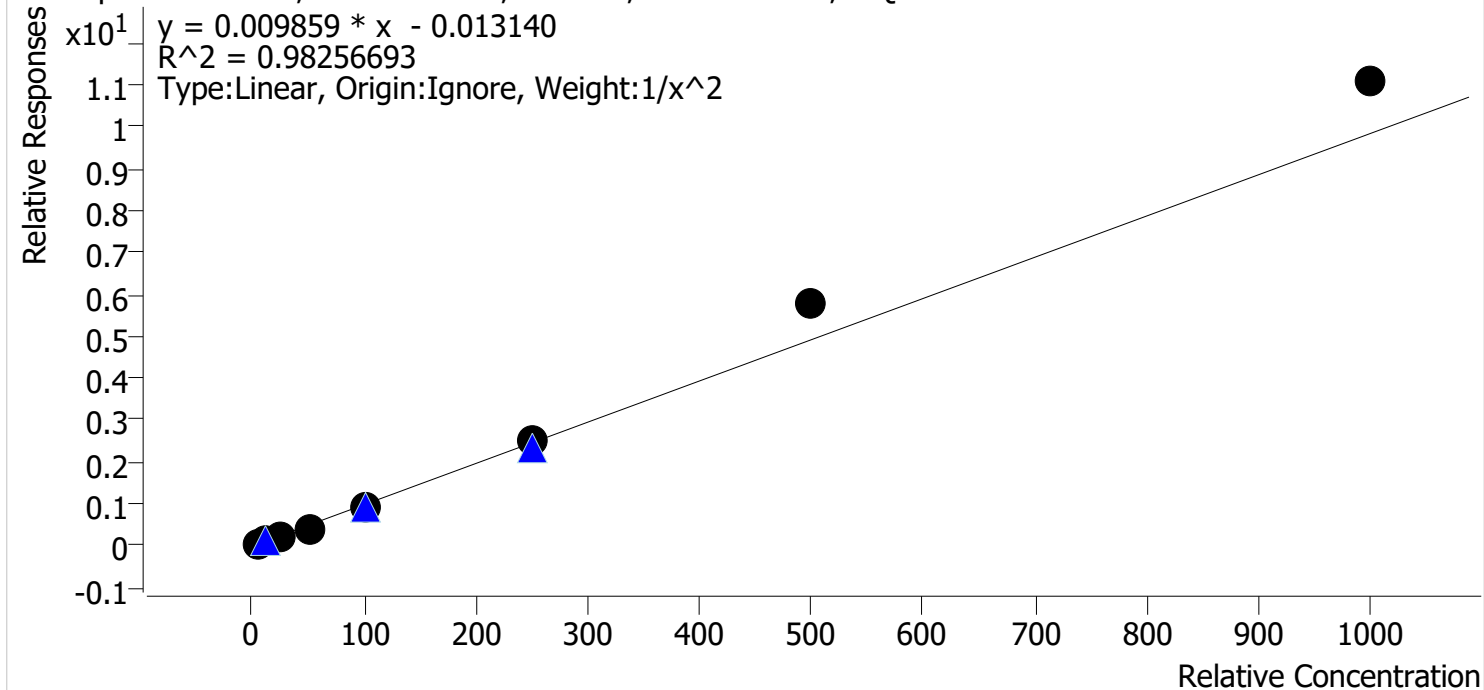


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.4	107.6
cal 2 mdq	2	✓	10.0	9.1	91.1
cal 3 mdq	3	✓	25.0	22.3	89.0
cal 4 mdq	4	✓	50.0	44.4	88.9
cal 5 mdq	5	✓	100.0	96.7	96.7
cal 6 mdq	6	✓	250.0	266.4	106.6
cal 7 mdq	7	✓	500.0	572.7	114.5
cal 8 mdq	8	✓	1000.0	1055.9	105.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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

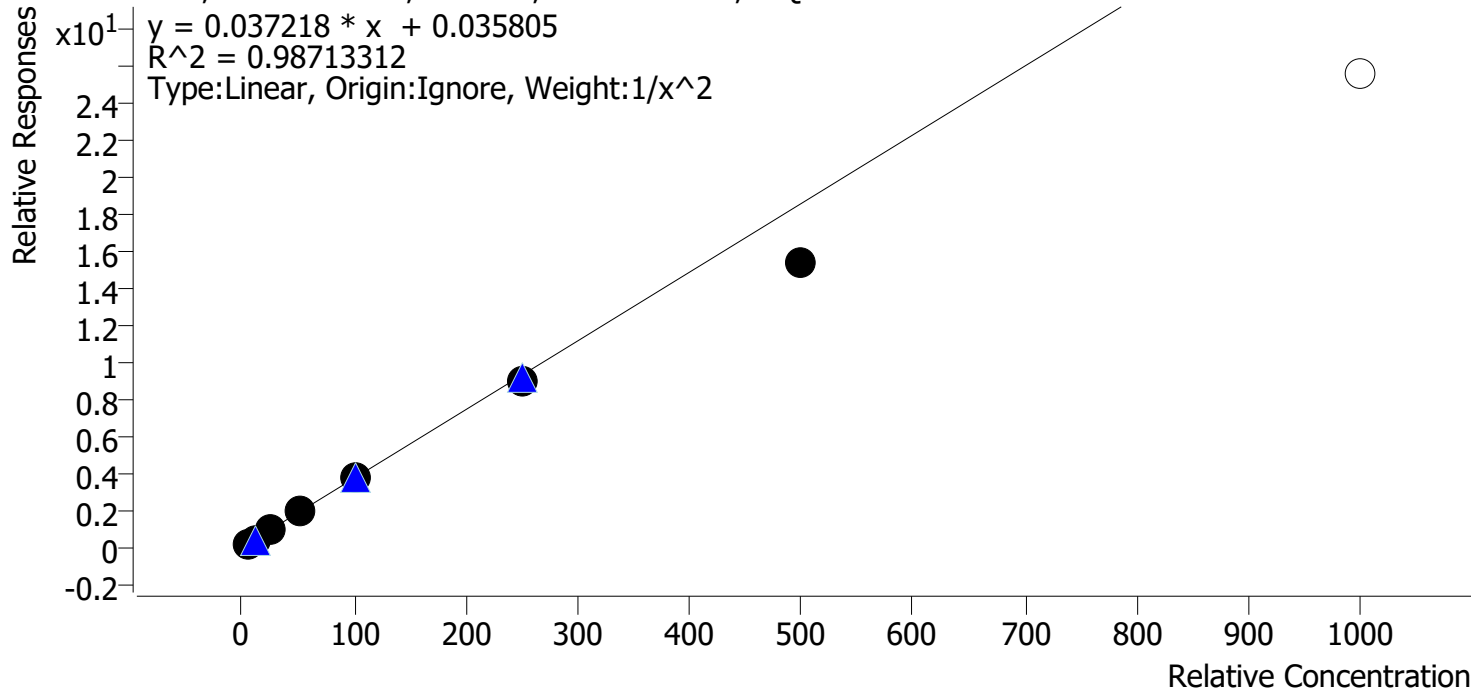


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	105.6
cal 2 mdq	2	✓	10.0	9.6	96.5
cal 3 mdq	3	✓	25.0	22.3	89.4
cal 4 mdq	4	✓	50.0	42.1	84.2
cal 5 mdq	5	✓	100.0	93.1	93.1
cal 6 mdq	6	✓	250.0	251.4	100.6
cal 7 mdq	7	✓	500.0	588.0	117.6
cal 8 mdq	8	✓	1000.0	1131.3	113.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

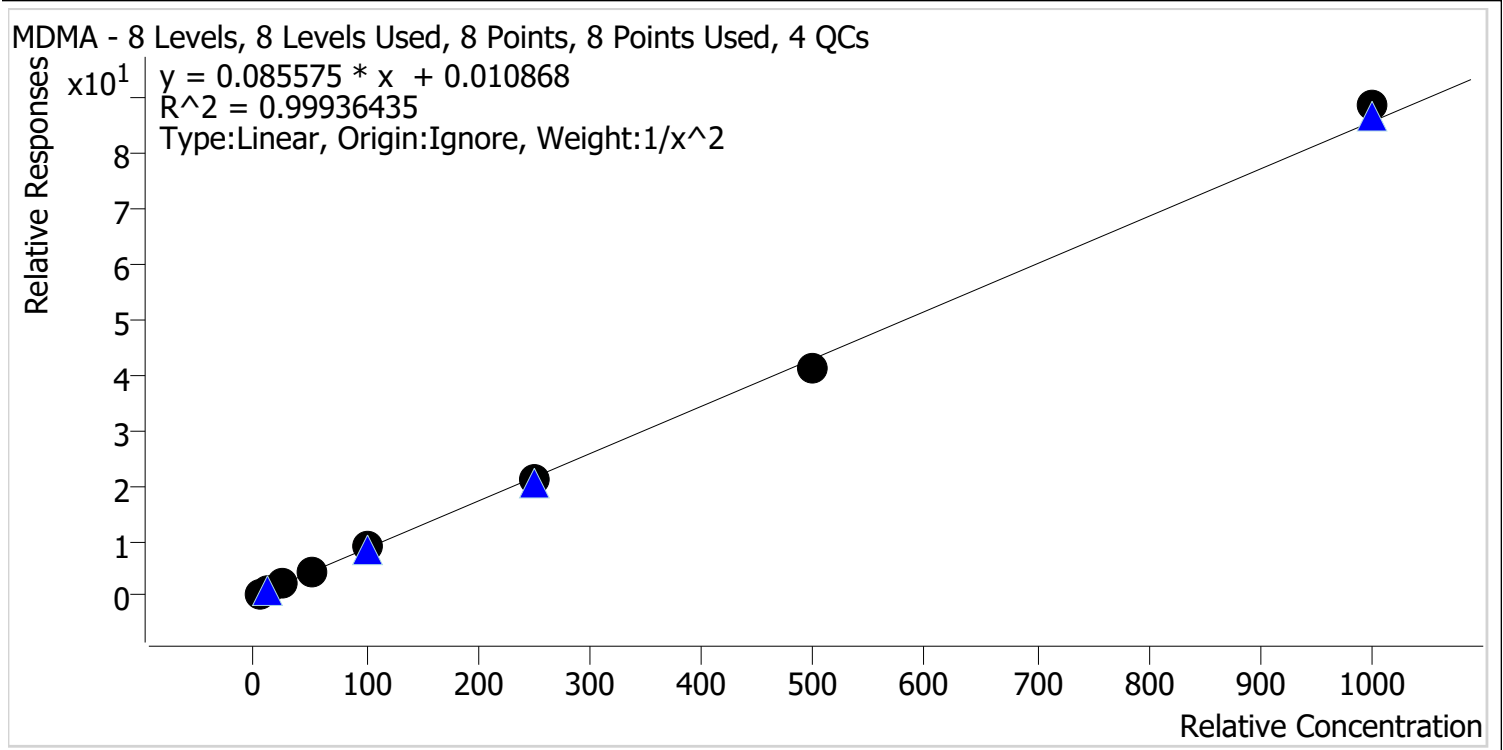
MDA - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.5
cal 2 mdq	2	✓	10.0	10.6	106.2
cal 3 mdq	3	✓	25.0	26.9	107.7
cal 4 mdq	4	✓	50.0	54.9	109.8
cal 5 mdq	5	✓	100.0	103.6	103.6
cal 6 mdq	6	✓	250.0	239.1	95.6
cal 7 mdq	7	✓	500.0	413.0	82.6
cal 8 mdq	8	✗	1000.0	690.1	69.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

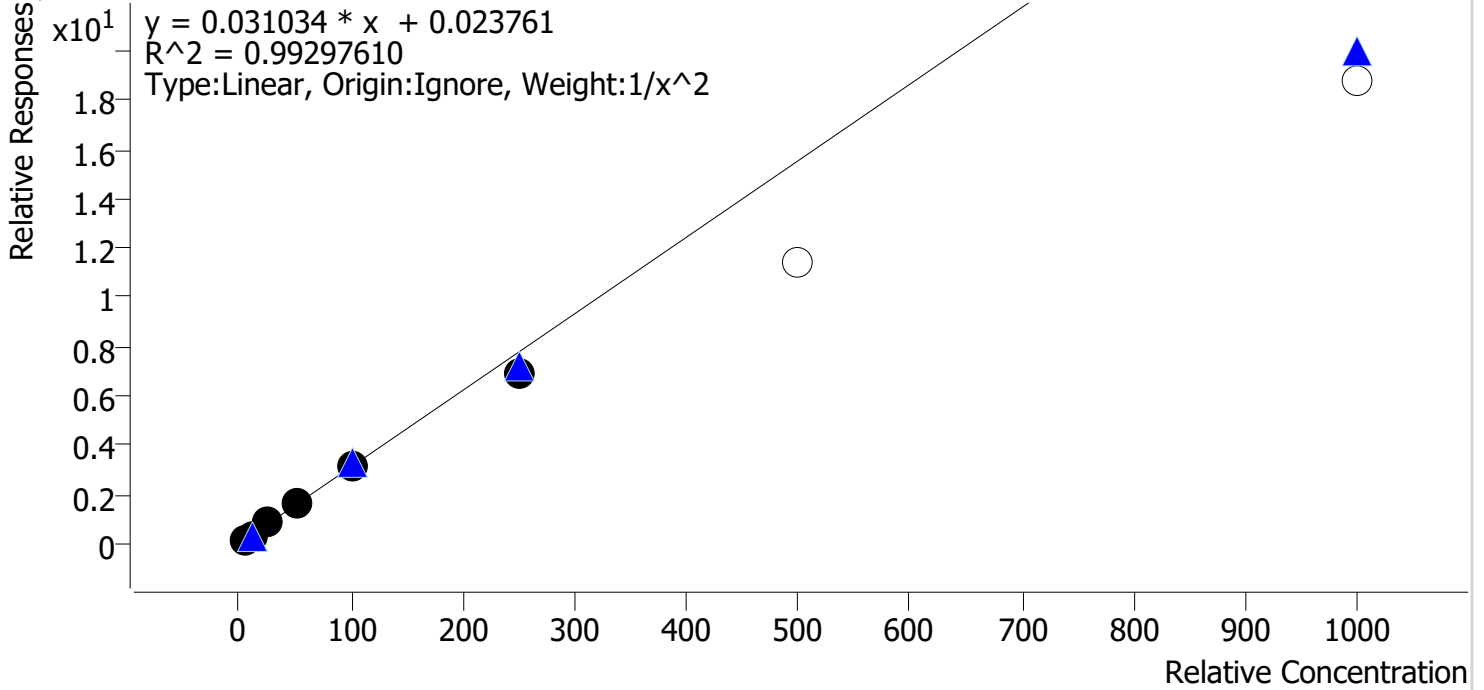


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	49.1	98.2
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	248.0	99.2
cal 7 mdq	7	✓	500.0	483.8	96.8
cal 8 mdq	8	✓	1000.0	1033.6	103.4

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	Meprobamate	Internal Standard	Meprobamate-D7

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

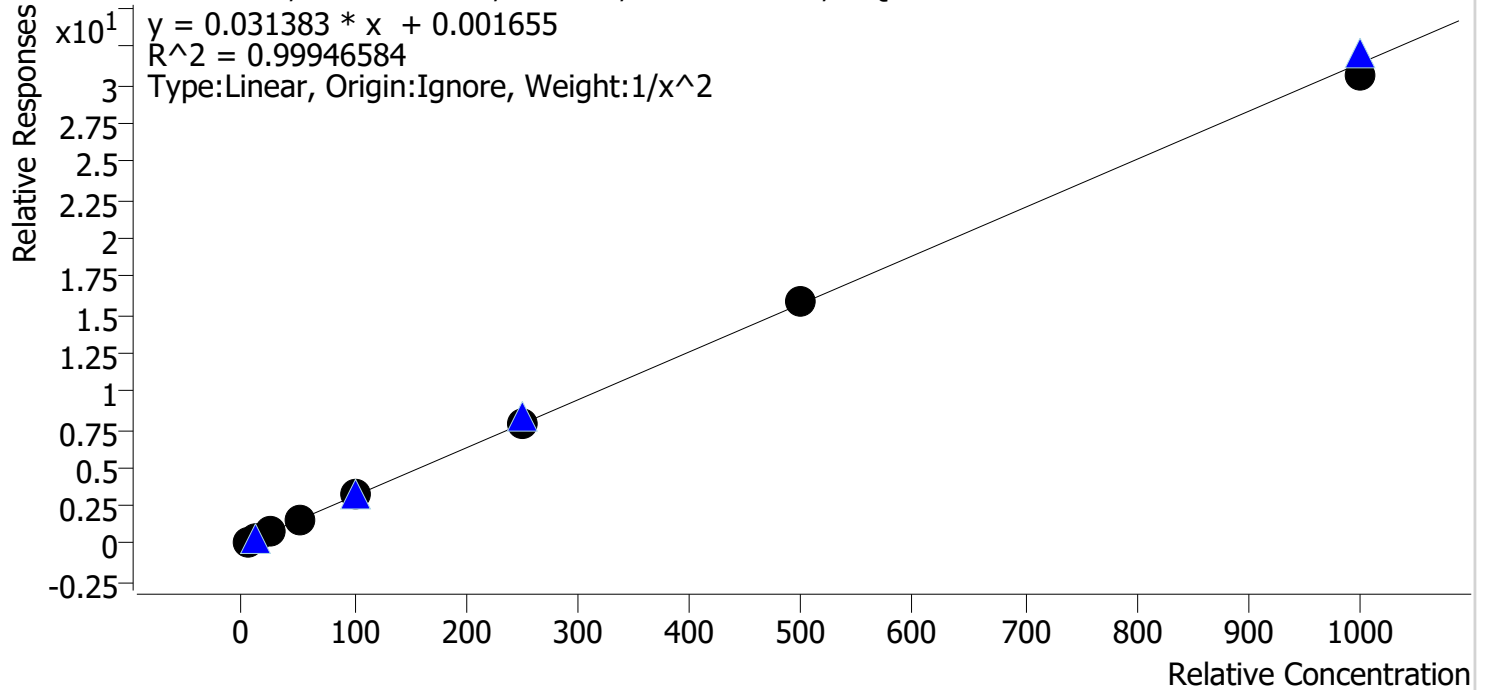


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.0
cal 2 mdq	2	✓	10.0	10.5	105.3
cal 3 mdq	3	✓	25.0	26.2	104.9
cal 4 mdq	4	✓	50.0	53.0	106.1
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	221.6	88.6
cal 7 mdq	7	✗	500.0	368.2	73.6
cal 8 mdq	8	✗	1000.0	606.1	60.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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

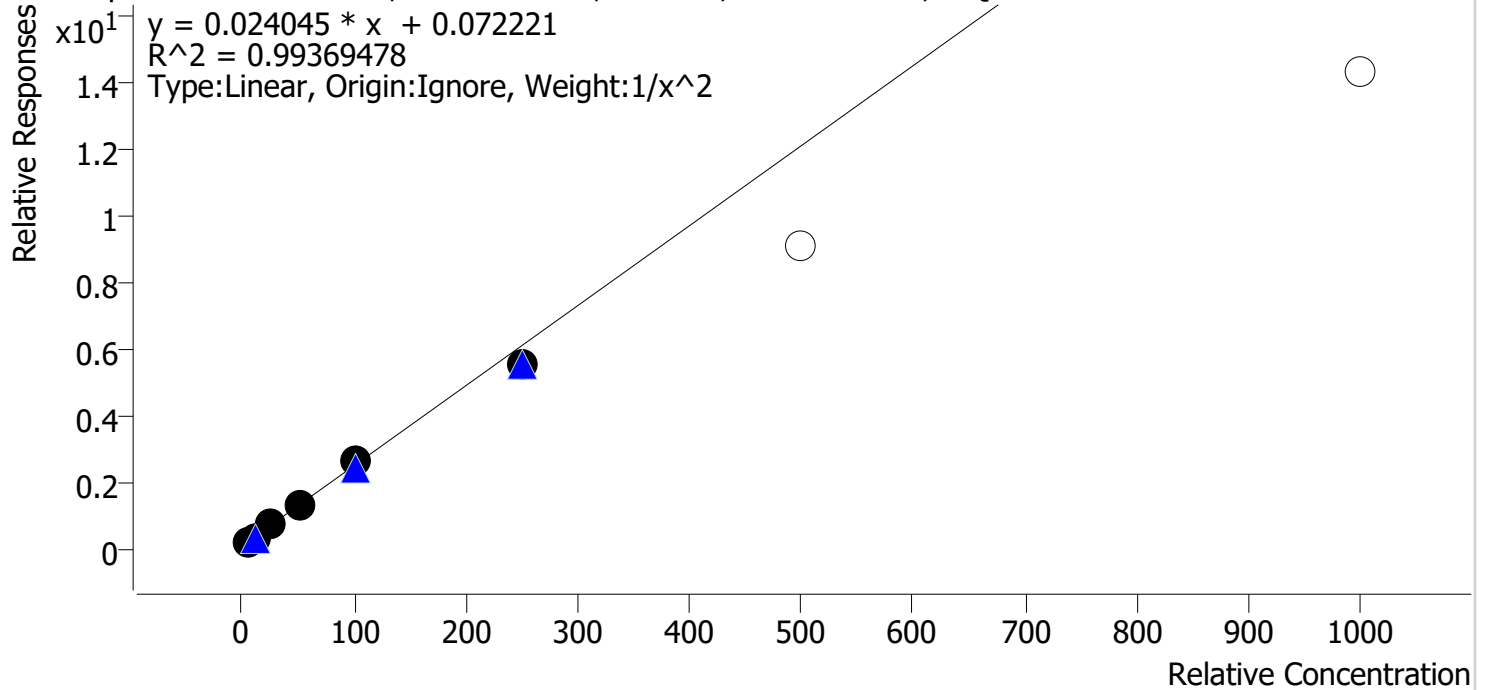


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.7	96.5
cal 3 mdq	3	✓	25.0	25.0	100.1
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	102.7	102.7
cal 6 mdq	6	✓	250.0	251.3	100.5
cal 7 mdq	7	✓	500.0	505.0	101.0
cal 8 mdq	8	✓	1000.0	978.1	97.8

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	Methamphetamine	Internal Standard	Methamphetamine-D11

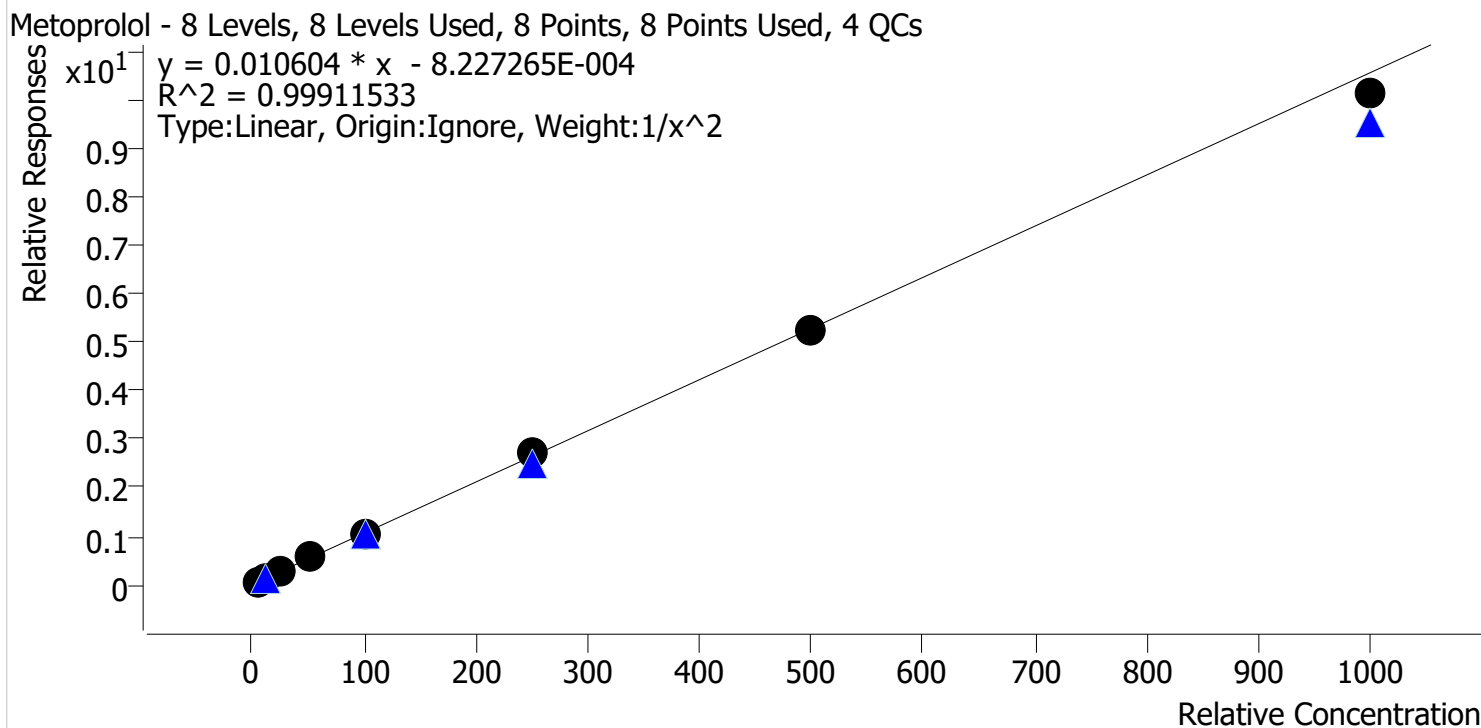
Methamphetamine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.5
cal 2 mdq	2	✓	10.0	10.8	108.1
cal 3 mdq	3	✓	25.0	25.5	102.0
cal 4 mdq	4	✓	50.0	50.0	99.9
cal 5 mdq	5	✓	100.0	104.5	104.5
cal 6 mdq	6	✓	250.0	224.9	89.9
cal 7 mdq	7	✗	500.0	375.5	75.1
cal 8 mdq	8	✗	1000.0	592.2	59.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5



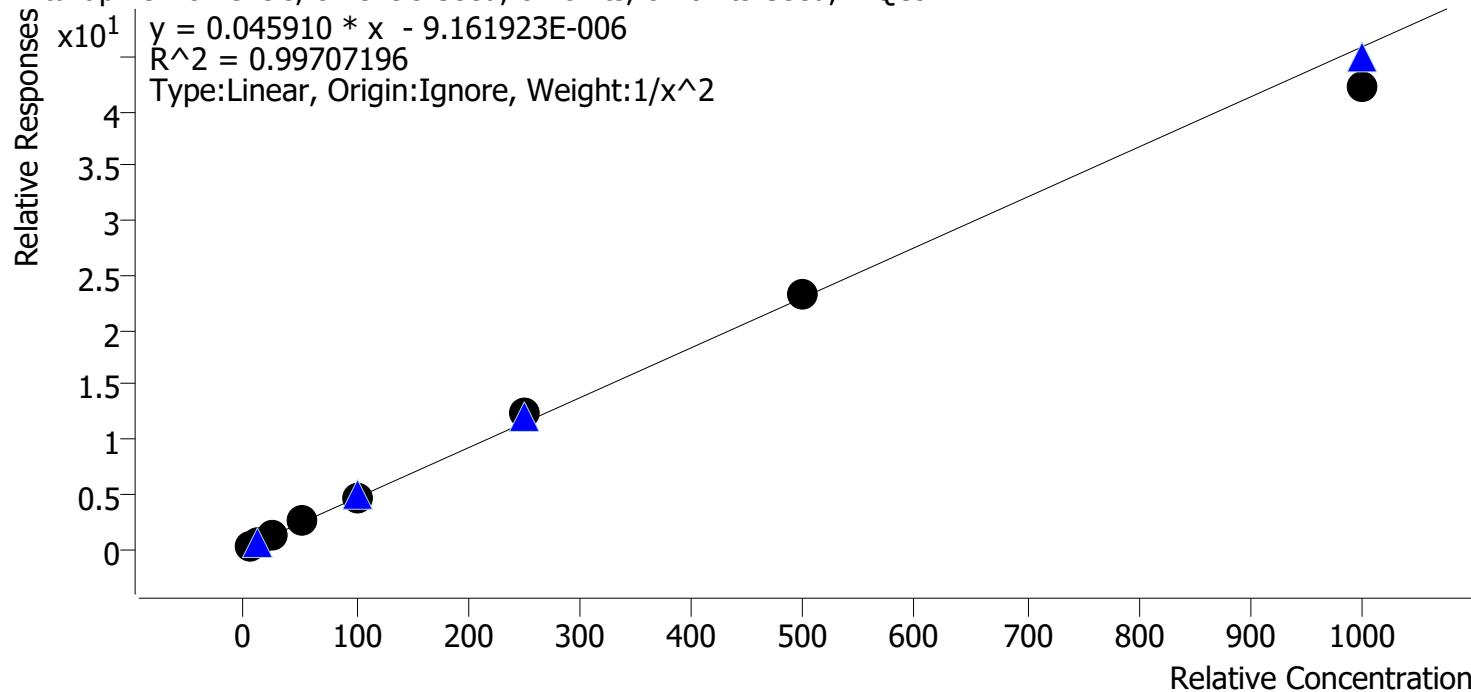
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	24.8	99.2
cal 4 mdq	4	✓	50.0	51.9	103.8
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	257.1	102.8
cal 7 mdq	7	✓	500.0	496.8	99.4
cal 8 mdq	8	✓	1000.0	959.1	95.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Mirtazapine

Internal Standard Phentermine-D5

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



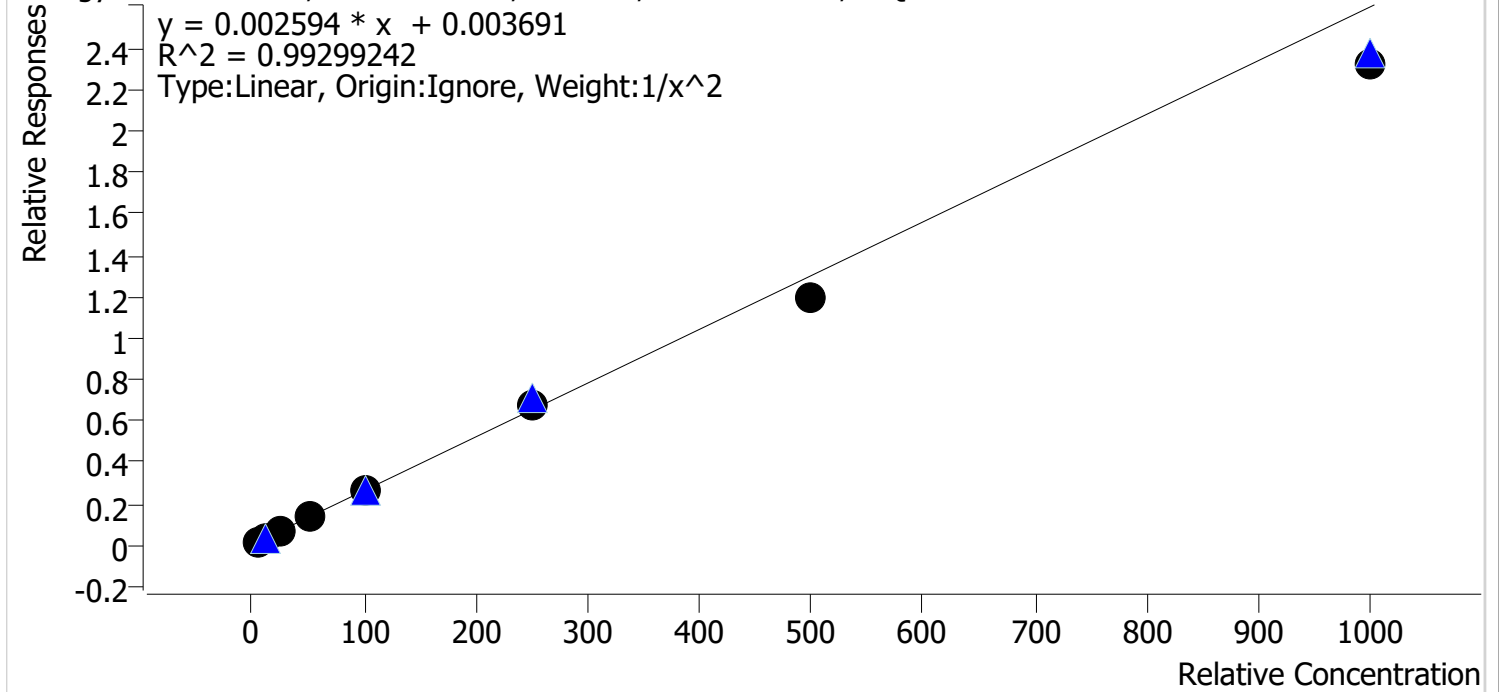
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	24.2	96.6
cal 4 mdq	4	✓	50.0	52.3	104.5
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	268.5	107.4
cal 7 mdq	7	✓	500.0	503.4	100.7
cal 8 mdq	8	✓	1000.0	919.8	92.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Mitragynine

Internal Standard Pseudoephedrine-D3

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

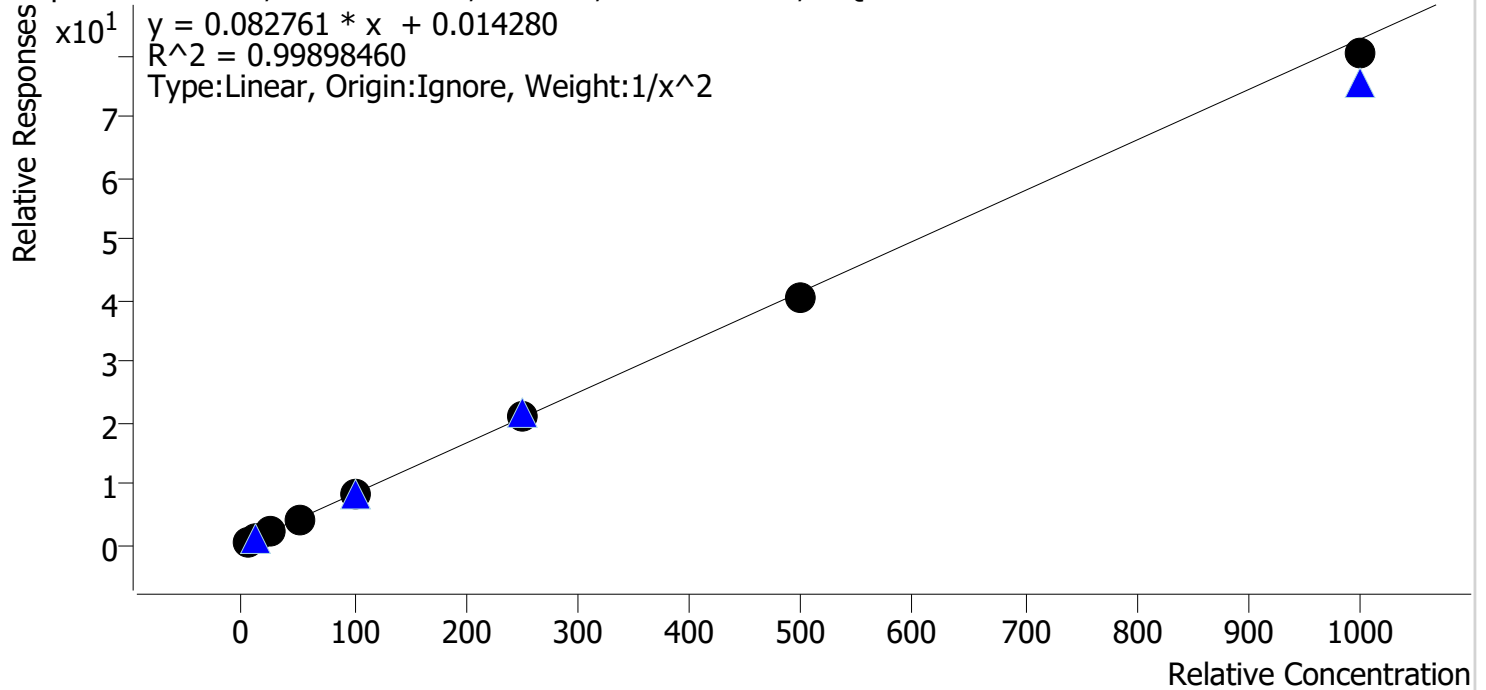


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.6
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	27.8	111.2
cal 4 mdq	4	✓	50.0	53.2	106.3
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	257.1	102.9
cal 7 mdq	7	✓	500.0	458.9	91.8
cal 8 mdq	8	✓	1000.0	891.5	89.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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

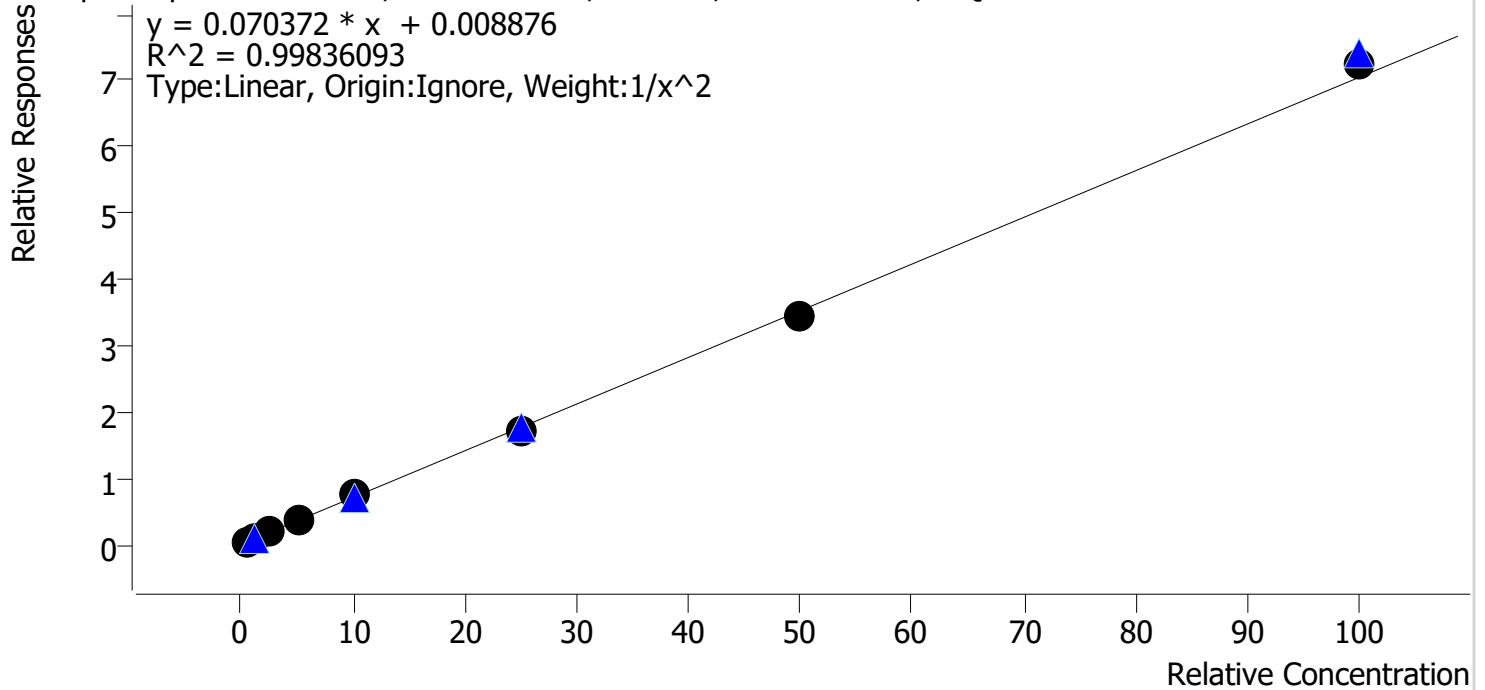


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.2
cal 2 mdq	2	✓	10.0	10.4	104.1
cal 3 mdq	3	✓	25.0	25.8	103.4
cal 4 mdq	4	✓	50.0	50.2	100.3
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	250.9	100.4
cal 7 mdq	7	✓	500.0	484.9	97.0
cal 8 mdq	8	✓	1000.0	971.4	97.1

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	Norbuprenorphine	Internal Standard	Norbuprenorphine-D3

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

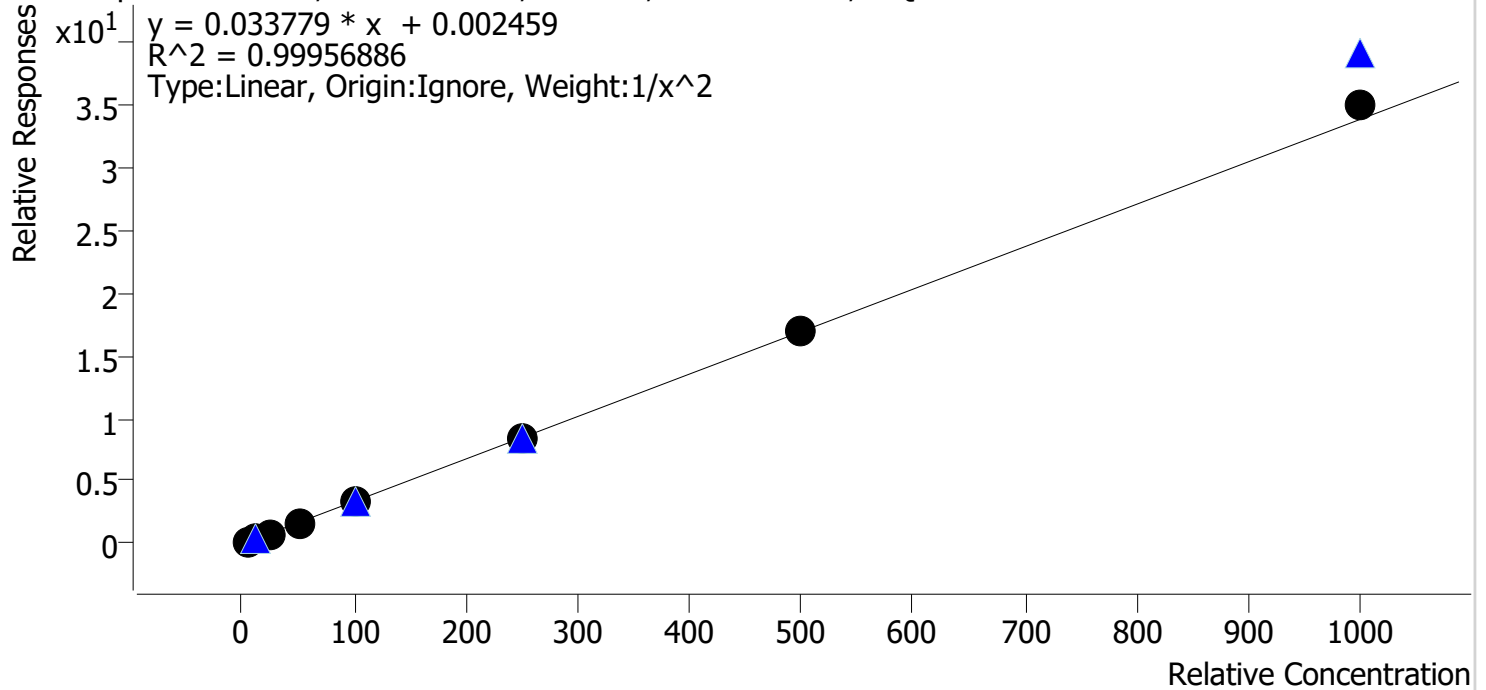


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	100.2
cal 2 mdq	2	✓	1.0	1.0	98.2
cal 3 mdq	3	✓	2.5	2.6	104.9
cal 4 mdq	4	✓	5.0	4.8	96.2
cal 5 mdq	5	✓	10.0	10.4	103.9
cal 6 mdq	6	✓	25.0	23.9	95.7
cal 7 mdq	7	✓	50.0	49.0	98.1
cal 8 mdq	8	✓	100.0	102.8	102.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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

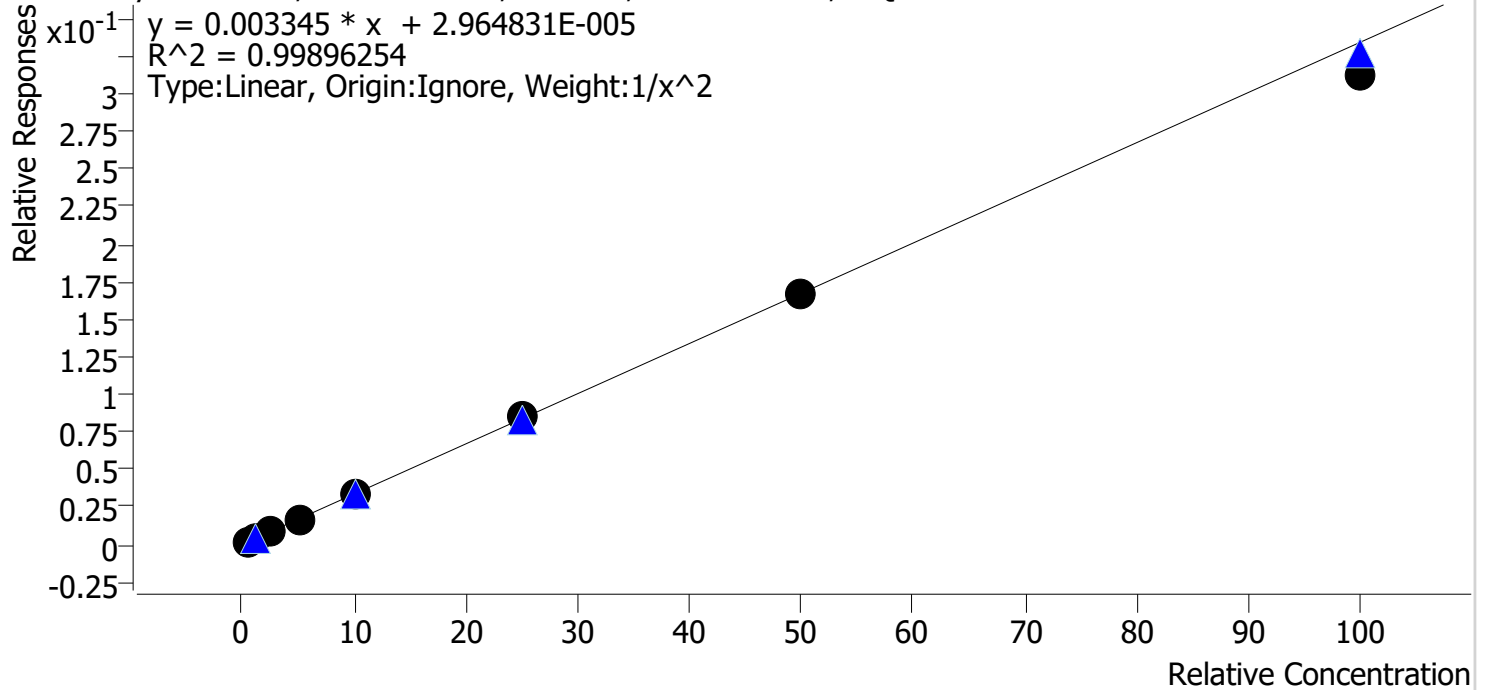


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	24.8	99.2
cal 4 mdq	4	✓	50.0	49.1	98.1
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	244.6	97.8
cal 7 mdq	7	✓	500.0	504.8	101.0
cal 8 mdq	8	✓	1000.0	1035.6	103.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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

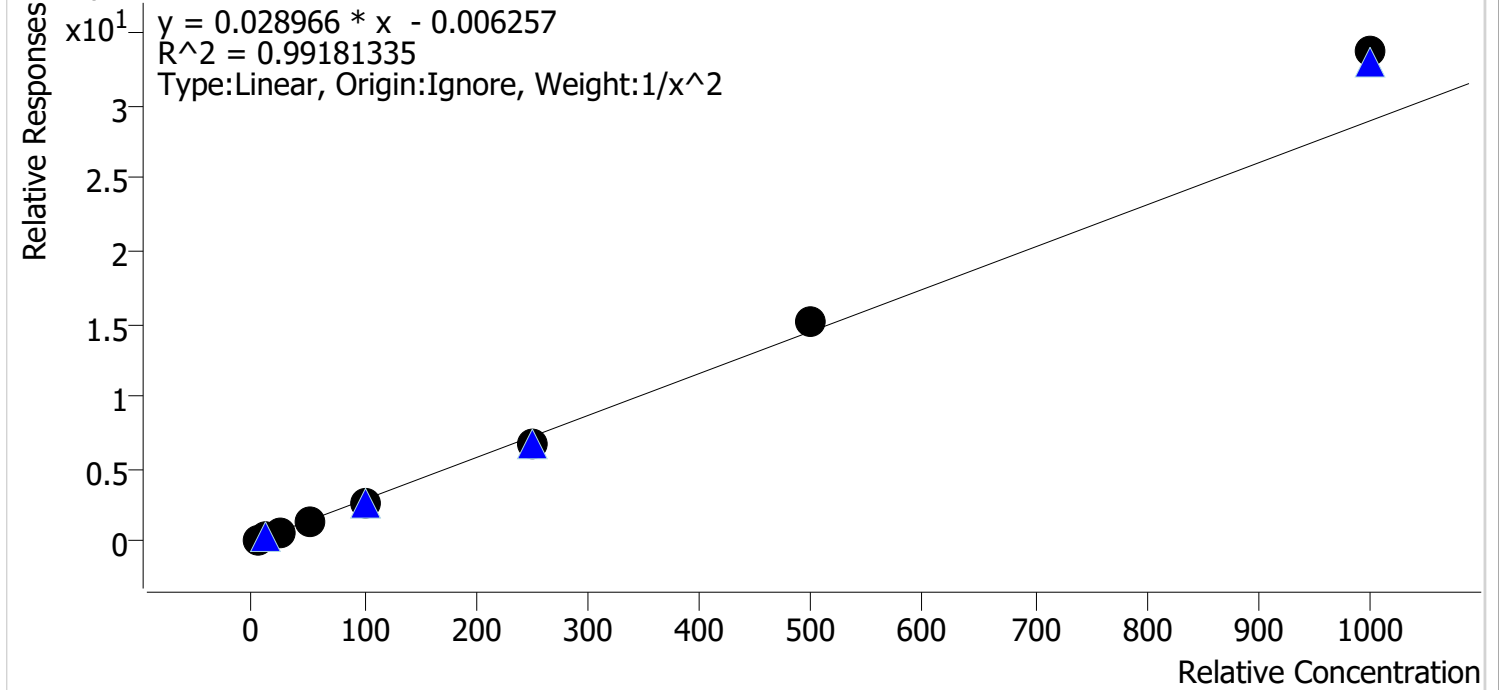


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	99.8
cal 2 mdq	2	✓	1.0	1.0	99.5
cal 3 mdq	3	✓	2.5	2.5	101.3
cal 4 mdq	4	✓	5.0	5.1	101.3
cal 5 mdq	5	✓	10.0	10.1	101.3
cal 6 mdq	6	✓	25.0	25.7	102.9
cal 7 mdq	7	✓	50.0	50.1	100.3
cal 8 mdq	8	✓	100.0	93.6	93.6

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	Noroxycodone	Internal Standard	Noroxycodone-D3

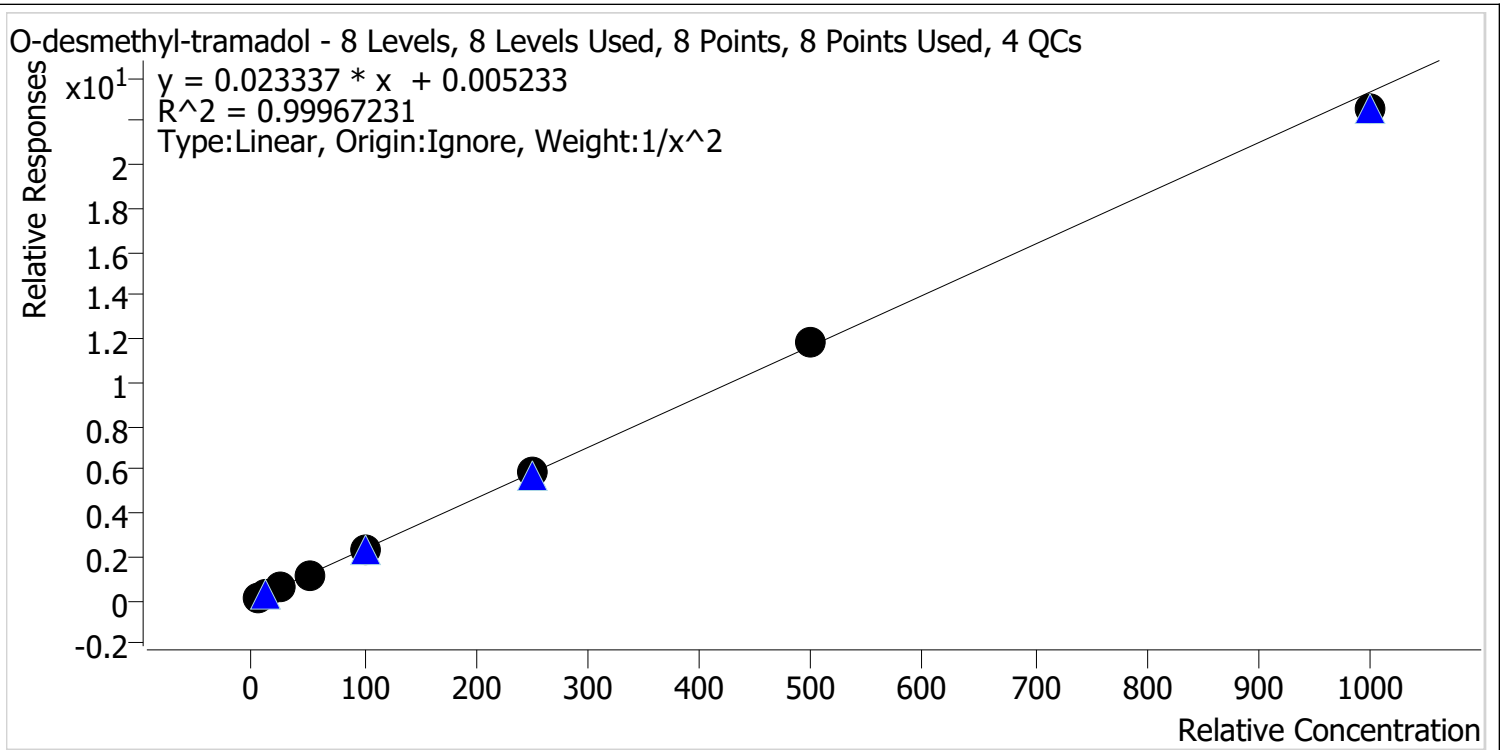
Noroxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.5
cal 2 mdq	2	✓	10.0	9.6	96.4
cal 3 mdq	3	✓	25.0	23.7	94.9
cal 4 mdq	4	✓	50.0	48.1	96.3
cal 5 mdq	5	✓	100.0	93.9	93.9
cal 6 mdq	6	✓	250.0	234.1	93.6
cal 7 mdq	7	✓	500.0	524.5	104.9
cal 8 mdq	8	✓	1000.0	1164.2	116.4

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	O-desmethyl-tramadol	Internal Standard	O-desmethyl-tramadol-D6



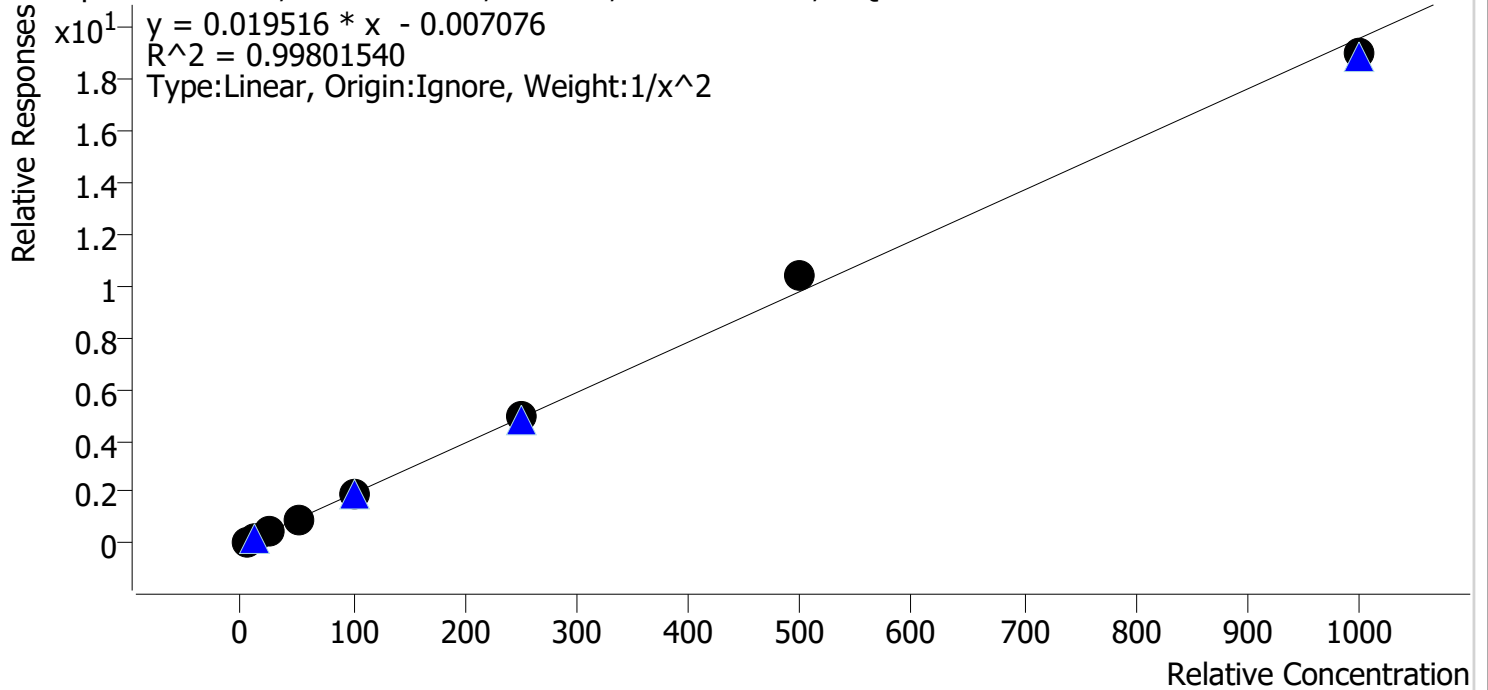
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	25.4	101.6
cal 4 mdq	4	✓	50.0	50.1	100.2
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	249.4	99.8
cal 7 mdq	7	✓	500.0	506.2	101.2
cal 8 mdq	8	✓	1000.0	965.4	96.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Oxazepam

Internal Standard Oxazepam-D5

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



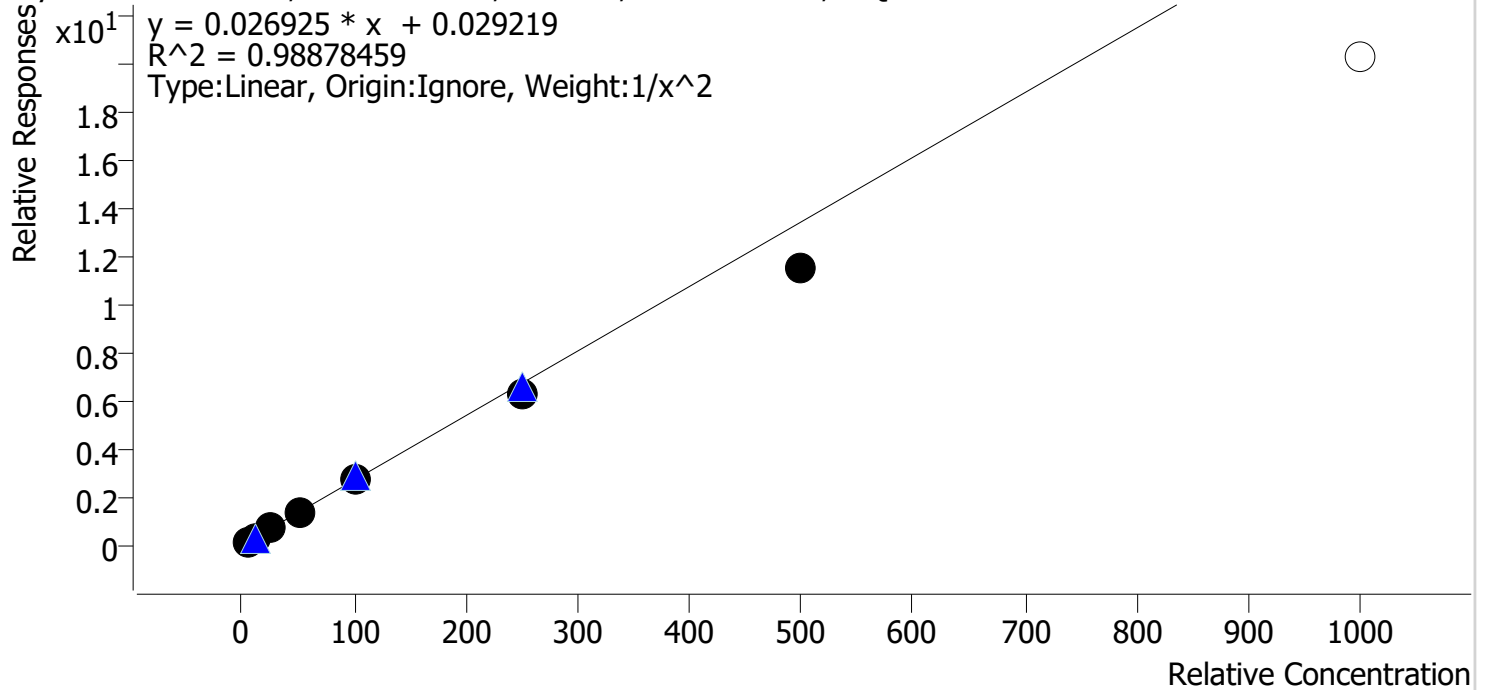
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.7	97.3
cal 3 mdq	3	✓	25.0	26.0	103.8
cal 4 mdq	4	✓	50.0	47.4	94.9
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	251.1	100.4
cal 7 mdq	7	✓	500.0	533.5	106.7
cal 8 mdq	8	✓	1000.0	970.1	97.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Oxycodone

Internal Standard Oxycodone-D6

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

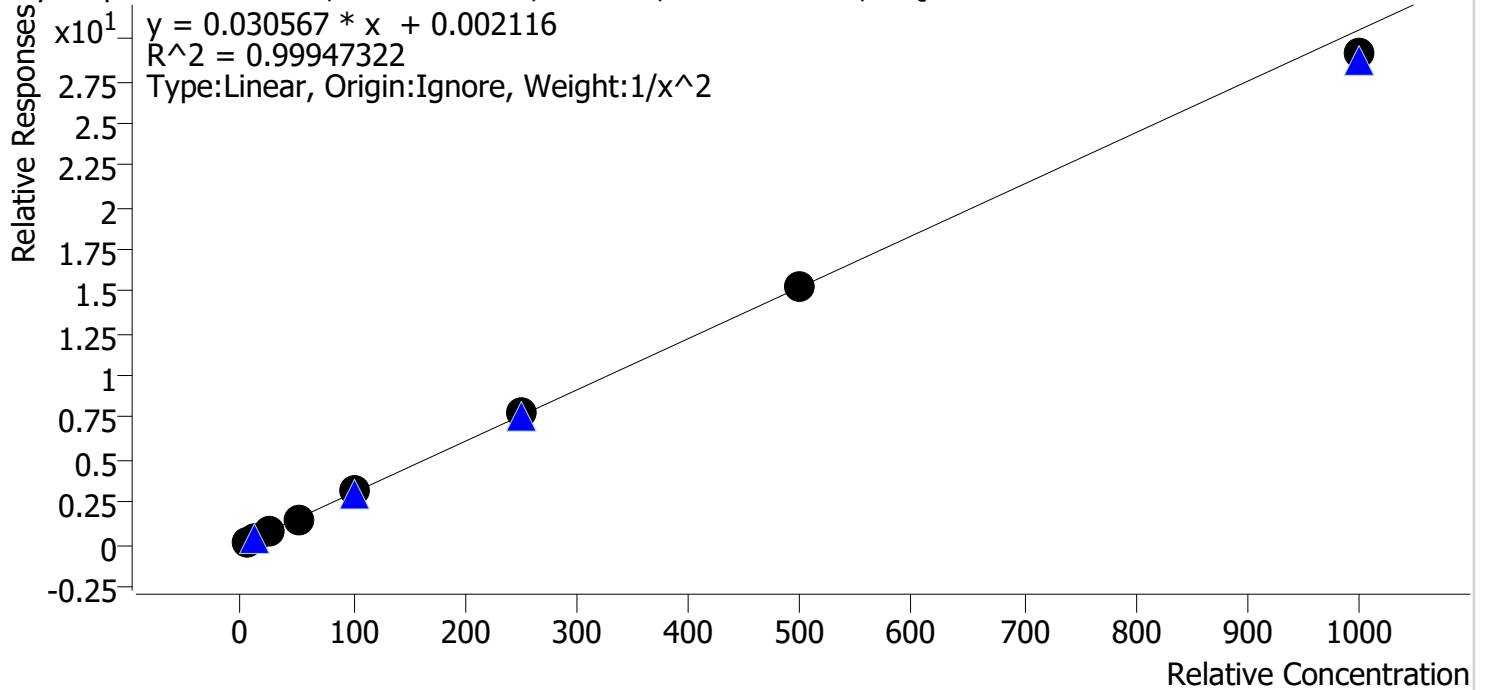


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.4
cal 2 mdq	2	✓	10.0	10.6	105.8
cal 3 mdq	3	✓	25.0	27.9	111.6
cal 4 mdq	4	✓	50.0	52.4	104.8
cal 5 mdq	5	✓	100.0	104.0	104.0
cal 6 mdq	6	✓	250.0	235.5	94.2
cal 7 mdq	7	✓	500.0	426.7	85.3
cal 8 mdq	8	✗	1000.0	754.6	75.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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

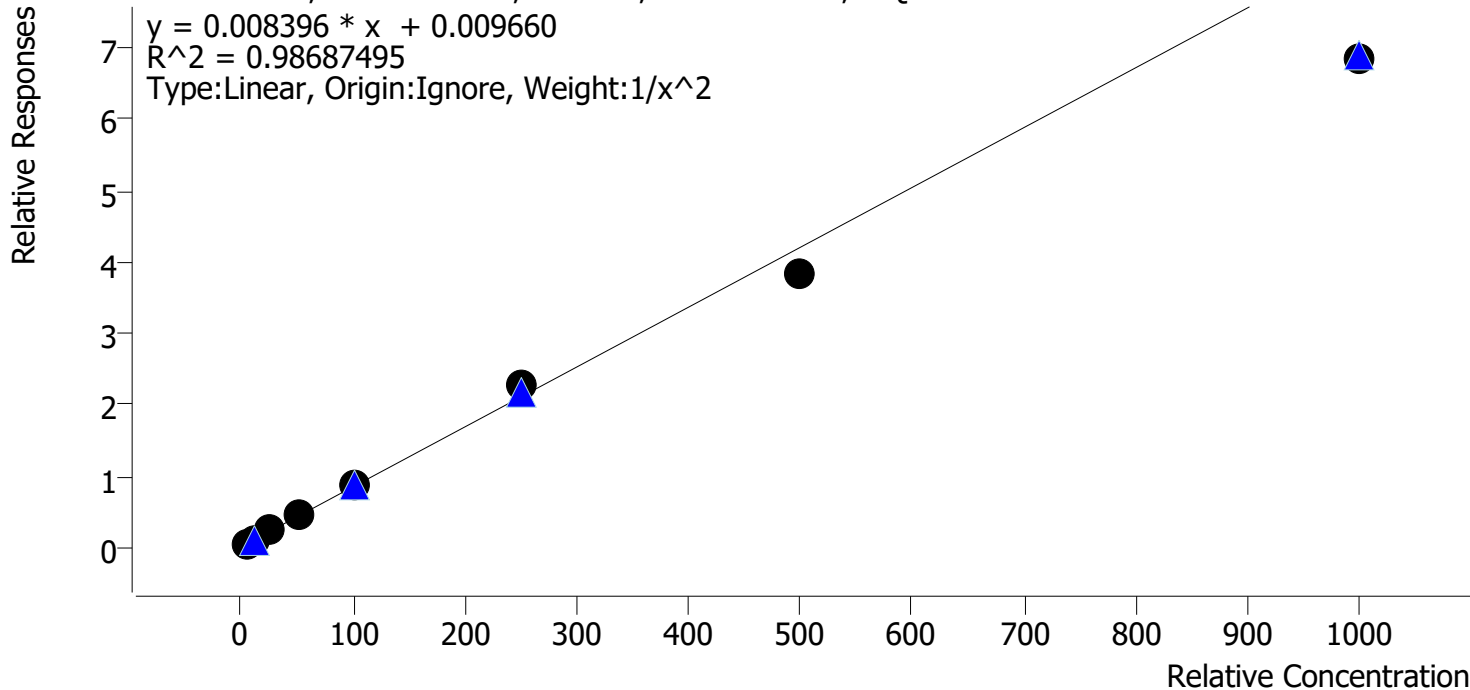


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	25.3	101.2
cal 4 mdq	4	✓	50.0	50.3	100.7
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	254.4	101.7
cal 7 mdq	7	✓	500.0	501.1	100.2
cal 8 mdq	8	✓	1000.0	953.9	95.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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

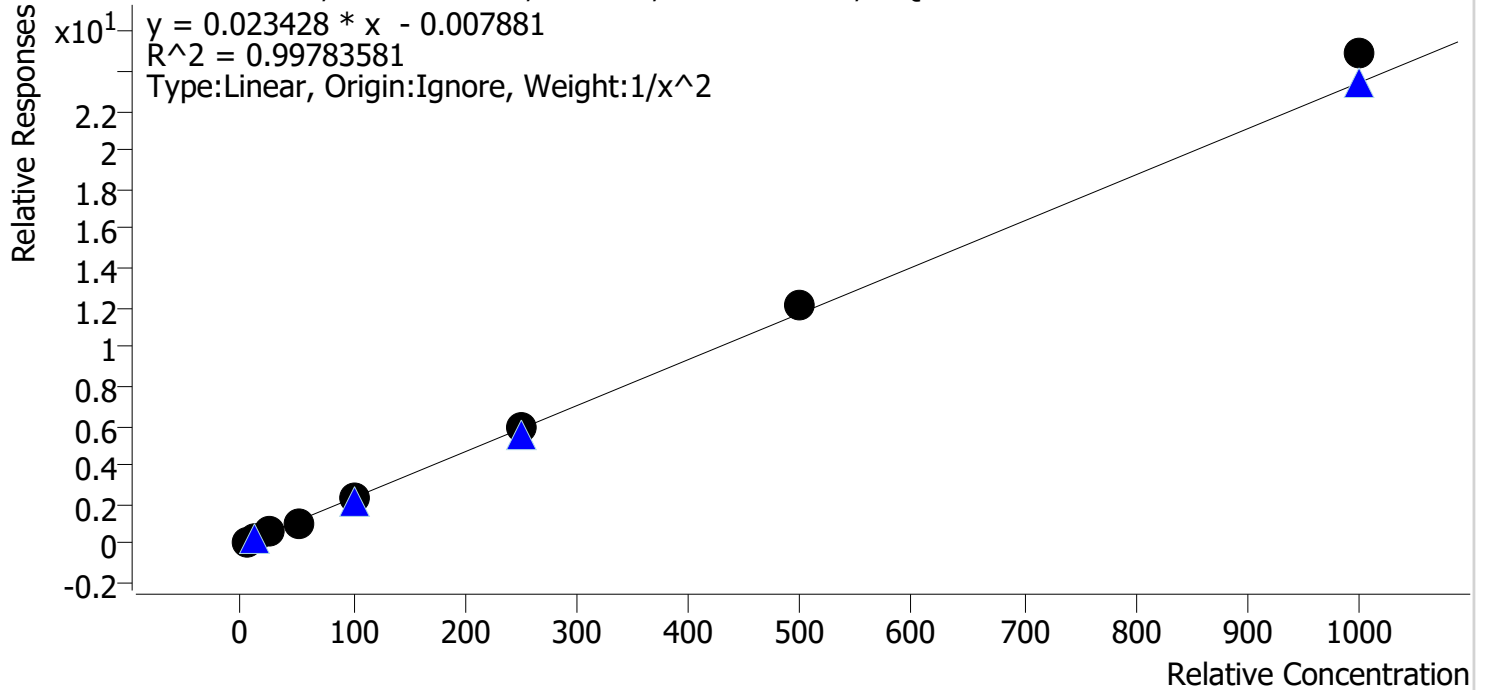


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.1
cal 2 mdq	2	✓	10.0	10.5	104.8
cal 3 mdq	3	✓	25.0	26.7	106.9
cal 4 mdq	4	✓	50.0	55.0	109.9
cal 5 mdq	5	✓	100.0	103.9	103.9
cal 6 mdq	6	✓	250.0	268.6	107.4
cal 7 mdq	7	✓	500.0	453.0	90.6
cal 8 mdq	8	✓	1000.0	813.3	81.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

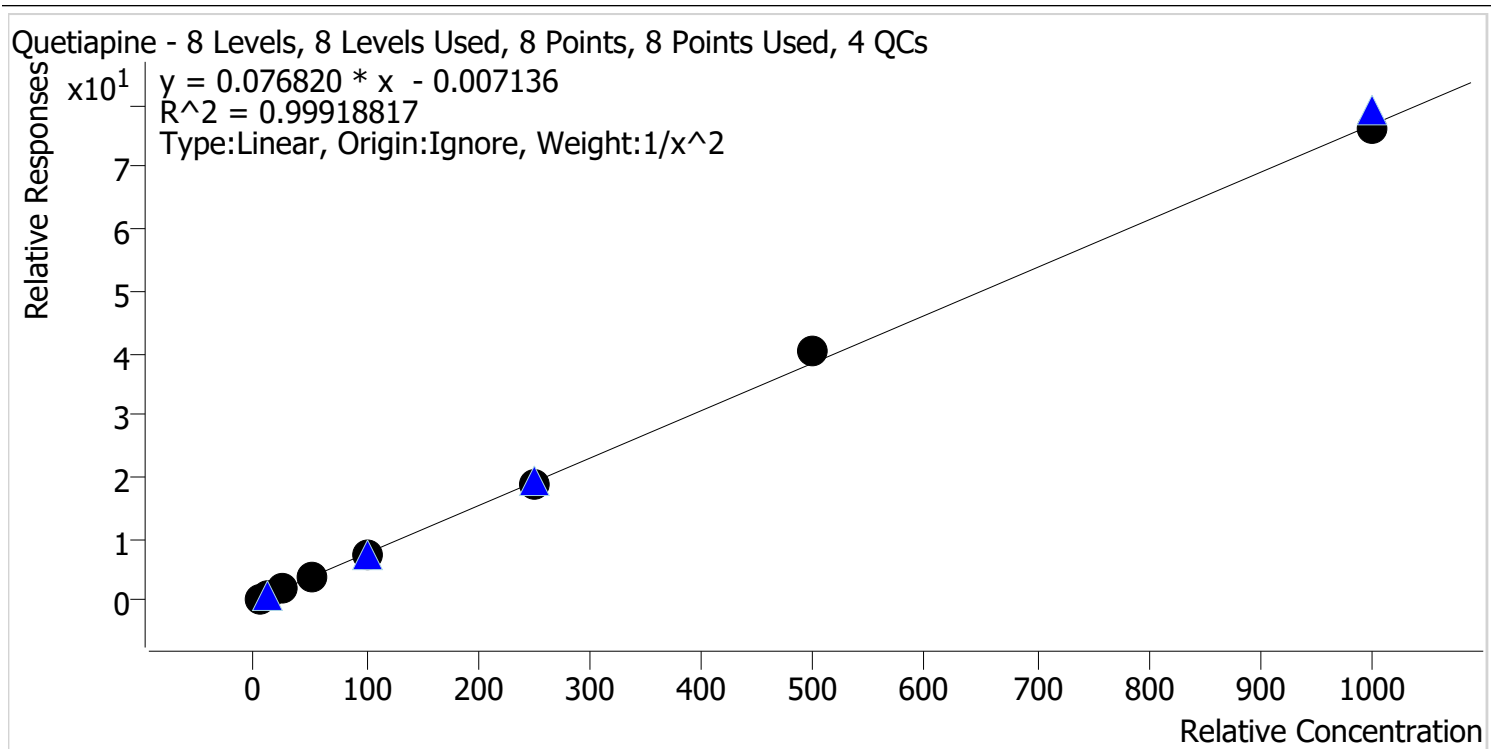
Promethazine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.0
cal 2 mdq	2	✓	10.0	9.6	96.4
cal 3 mdq	3	✓	25.0	24.0	95.9
cal 4 mdq	4	✓	50.0	47.7	95.5
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	250.5	100.2
cal 7 mdq	7	✓	500.0	518.8	103.8
cal 8 mdq	8	✓	1000.0	1063.0	106.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



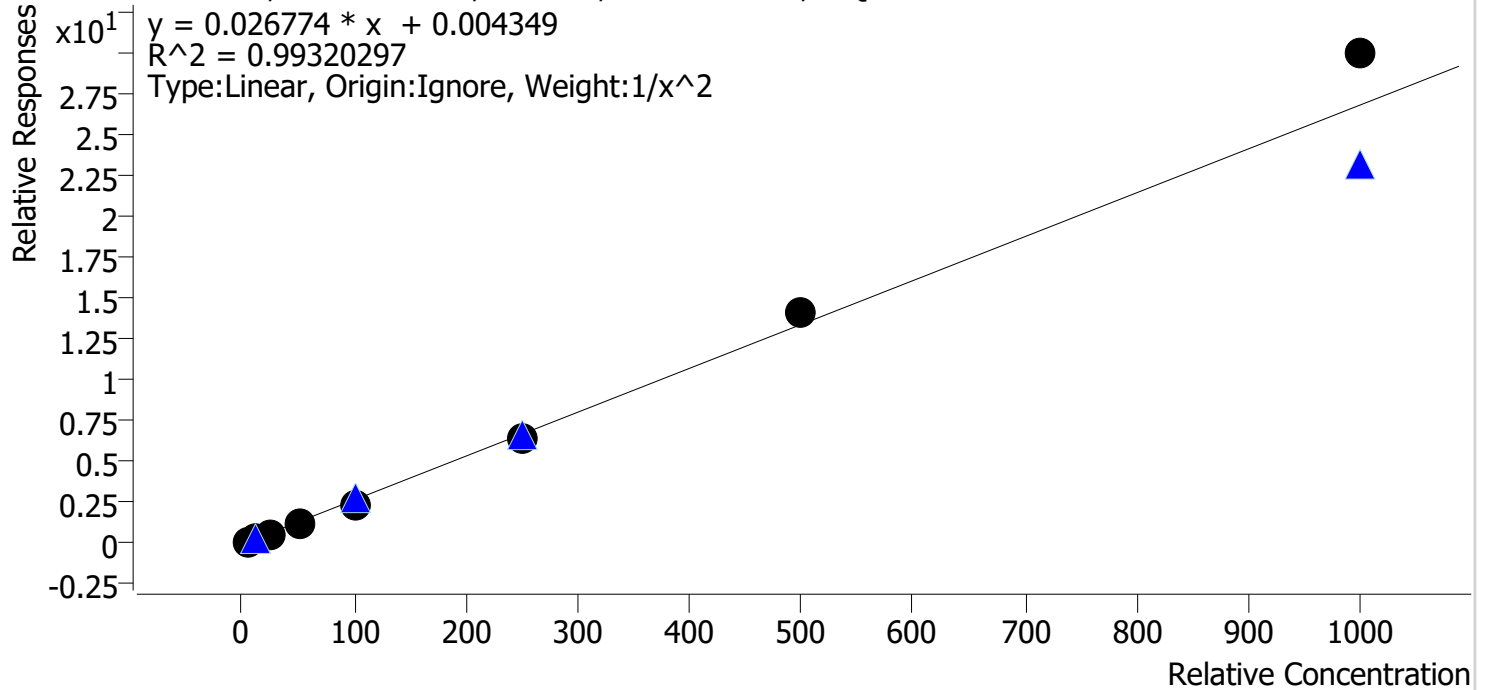
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	25.2	100.7
cal 4 mdq	4	✓	50.0	48.9	97.7
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	245.2	98.1
cal 7 mdq	7	✓	500.0	522.6	104.5
cal 8 mdq	8	✓	1000.0	994.7	99.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\1am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Sertraline Internal Standard Sertraline-D3

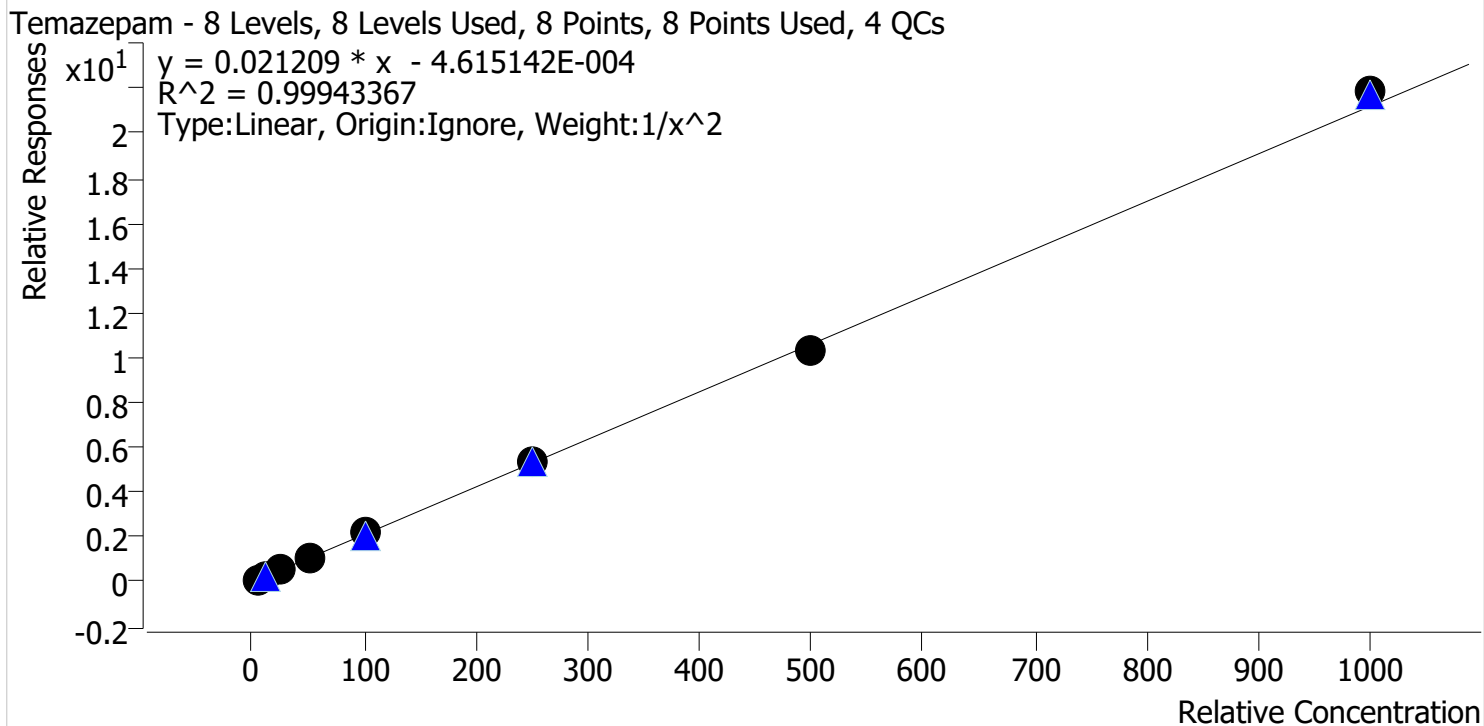
Sertraline - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.0
cal 2 mdq	2	✓	10.0	10.6	106.3
cal 3 mdq	3	✓	25.0	23.5	93.8
cal 4 mdq	4	✓	50.0	47.1	94.2
cal 5 mdq	5	✓	100.0	91.5	91.5
cal 6 mdq	6	✓	250.0	244.1	97.6
cal 7 mdq	7	✓	500.0	528.9	105.8
cal 8 mdq	8	✓	1000.0	1117.2	111.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

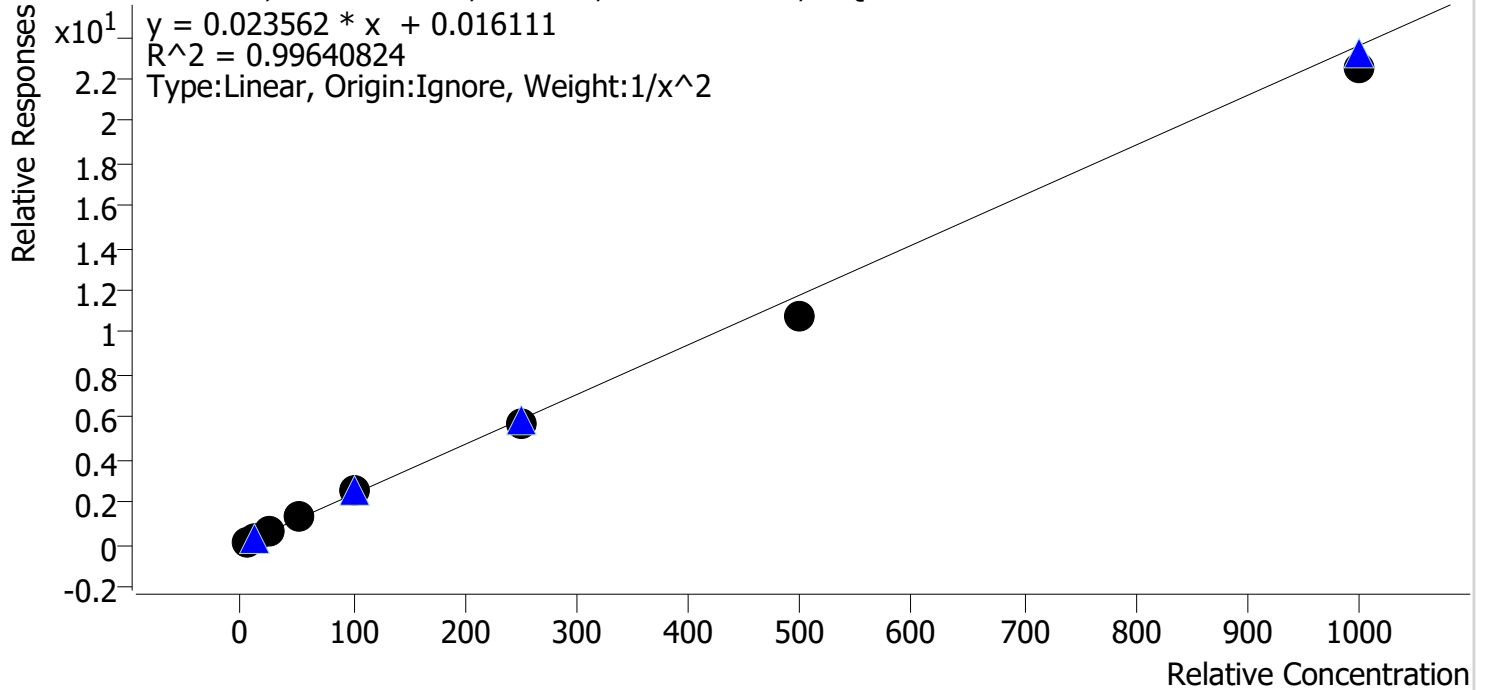


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.8	98.5
cal 3 mdq	3	✓	25.0	24.8	99.1
cal 4 mdq	4	✓	50.0	49.0	97.9
cal 5 mdq	5	✓	100.0	102.7	102.7
cal 6 mdq	6	✓	250.0	249.2	99.7
cal 7 mdq	7	✓	500.0	489.6	97.9
cal 8 mdq	8	✓	1000.0	1031.0	103.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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

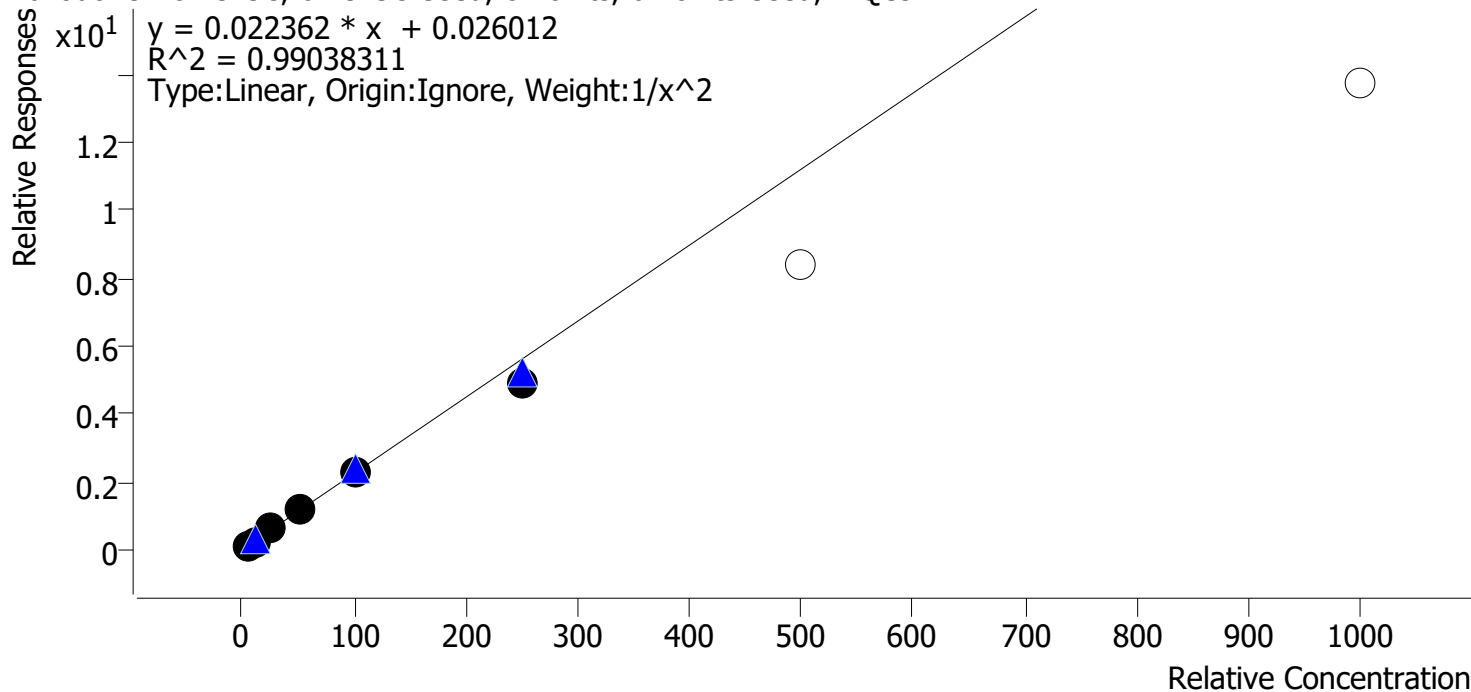


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.5
cal 2 mdq	2	✓	10.0	10.4	103.7
cal 3 mdq	3	✓	25.0	26.4	105.5
cal 4 mdq	4	✓	50.0	52.1	104.3
cal 5 mdq	5	✓	100.0	105.2	105.2
cal 6 mdq	6	✓	250.0	242.3	96.9
cal 7 mdq	7	✓	500.0	460.9	92.2
cal 8 mdq	8	✓	1000.0	957.4	95.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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

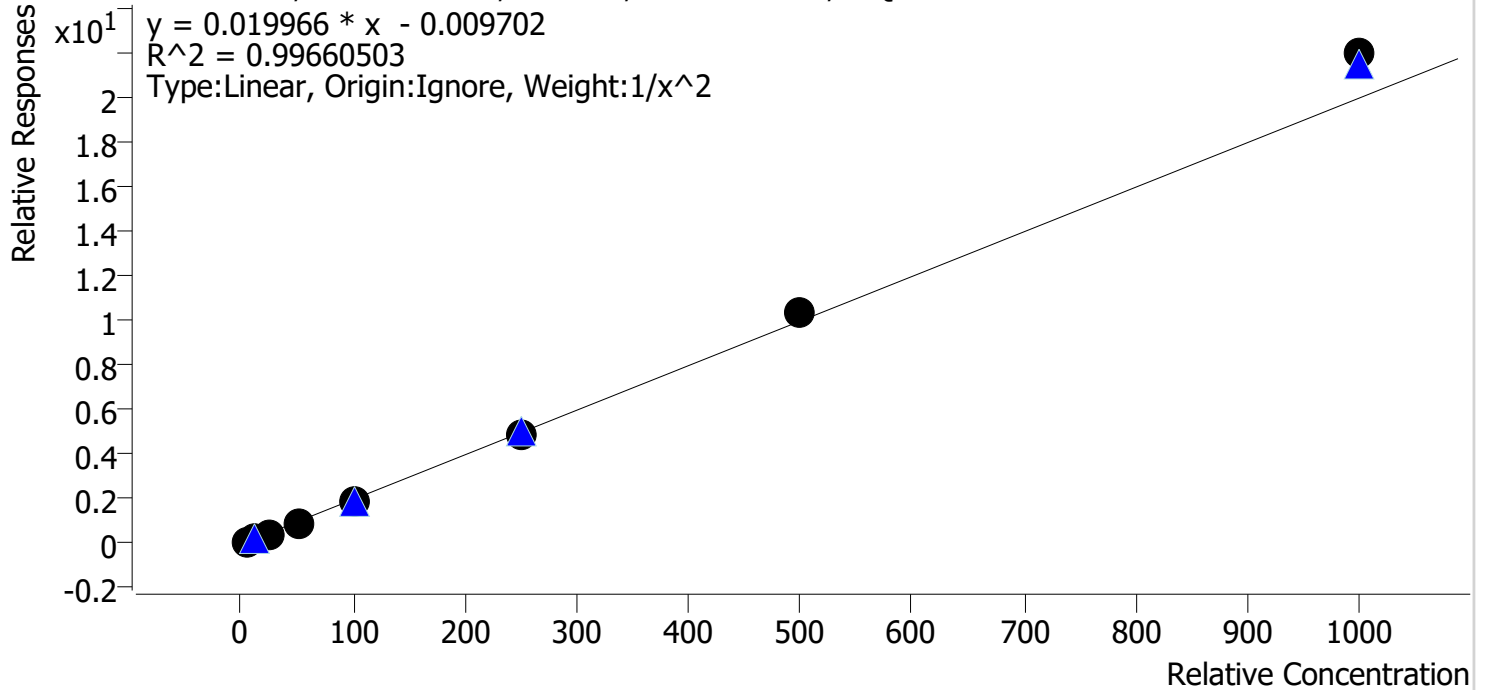


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.7
cal 2 mdq	2	✓	10.0	10.7	107.4
cal 3 mdq	3	✓	25.0	27.1	108.3
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdq	6	✓	250.0	217.7	87.1
cal 7 mdq	7	✗	500.0	374.1	74.8
cal 8 mdq	8	✗	1000.0	615.3	61.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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

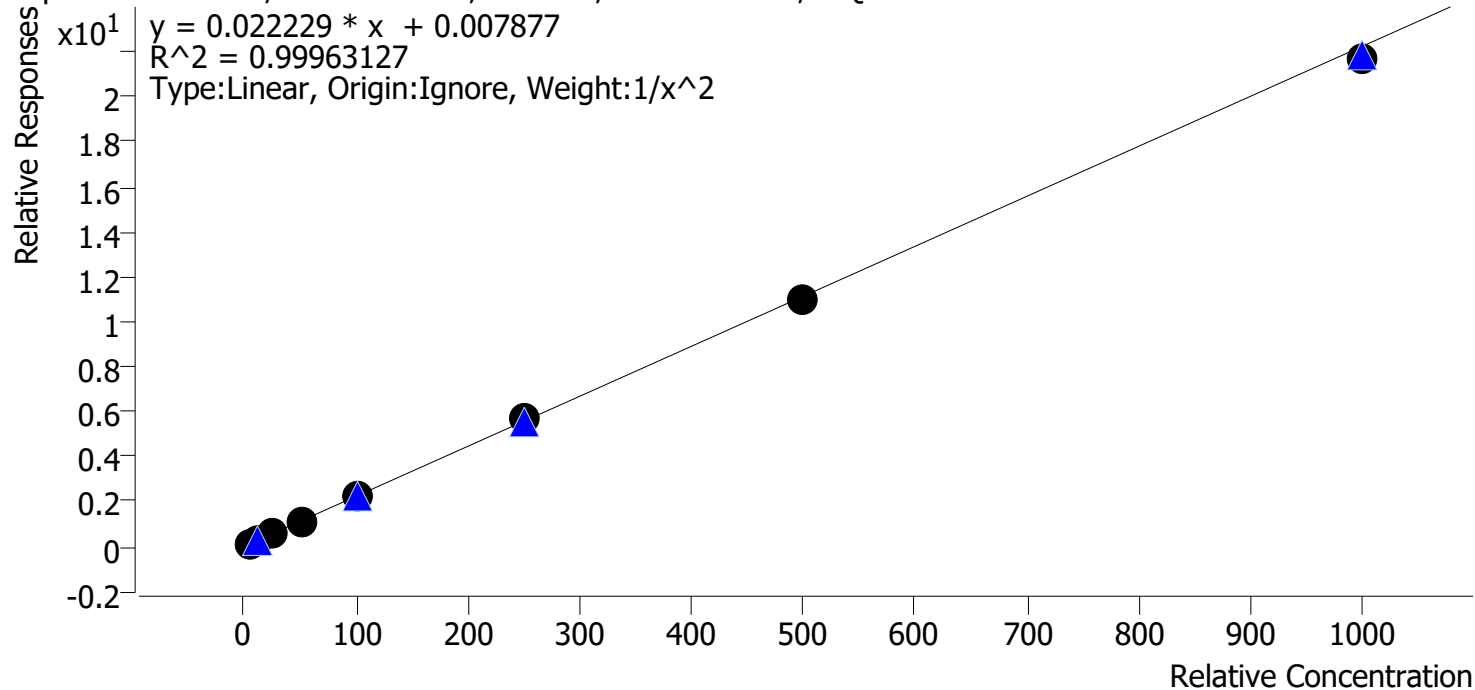


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.1
cal 2 mdq	2	✓	10.0	9.6	96.4
cal 3 mdq	3	✓	25.0	24.0	96.0
cal 4 mdq	4	✓	50.0	48.0	95.9
cal 5 mdq	5	✓	100.0	96.1	96.1
cal 6 mdq	6	✓	250.0	248.2	99.3
cal 7 mdq	7	✓	500.0	515.6	103.1
cal 8 mdq	8	✓	1000.0	1099.8	110.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Zolpidem Internal Standard Zolpidem-D6

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

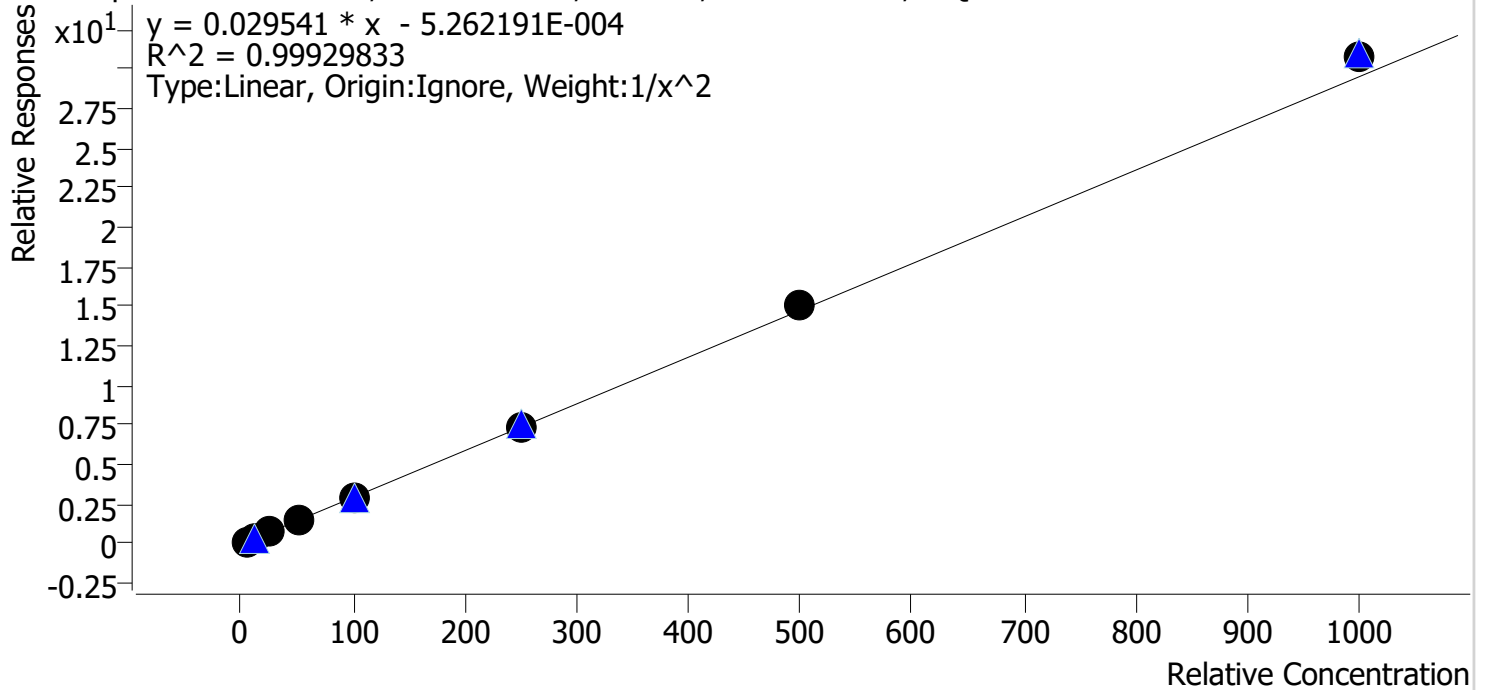


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	25.3	101.3
cal 4 mdq	4	✓	50.0	49.0	98.1
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	256.4	102.6
cal 7 mdq	7	✓	500.0	495.4	99.1
cal 8 mdq	8	✓	1000.0	977.8	97.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

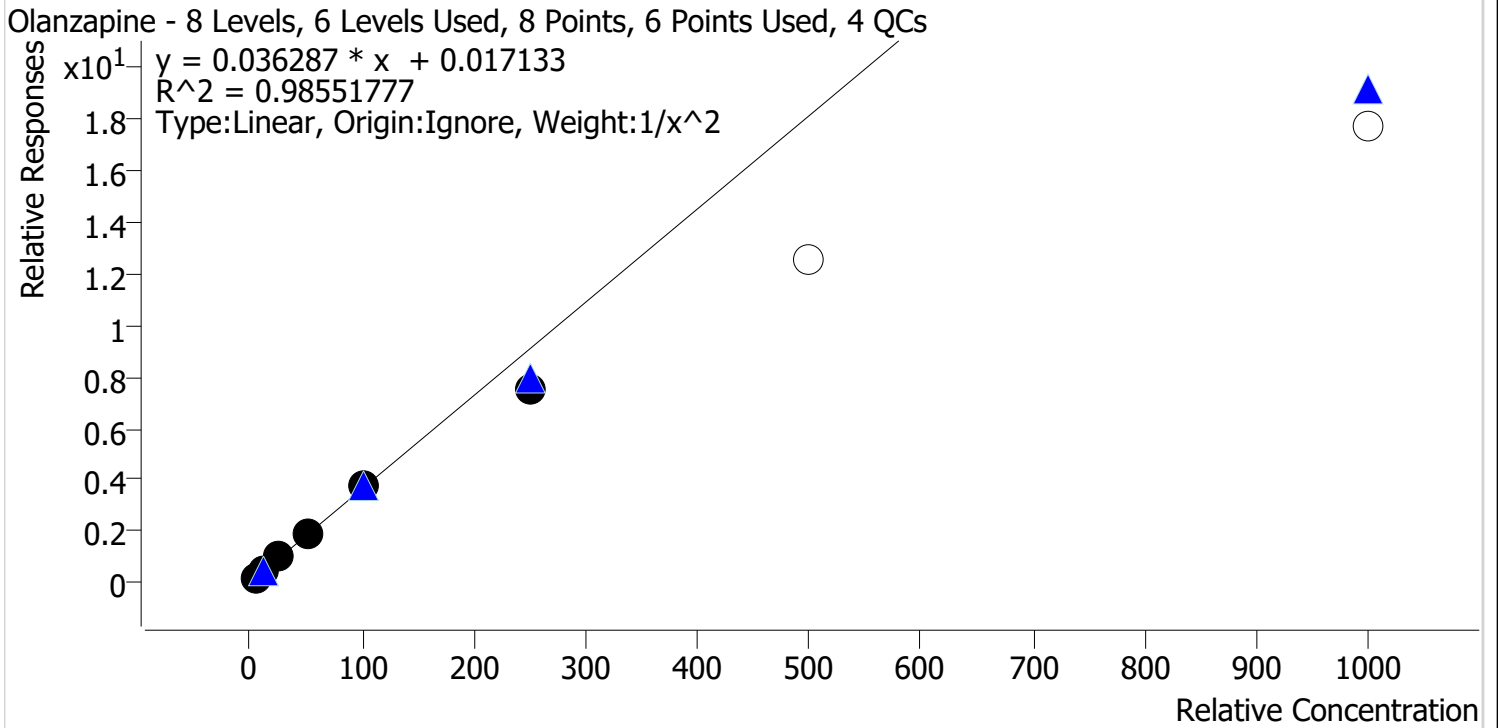
Pseudoephedrine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	24.5	98.2
cal 4 mdq	4	✓	50.0	48.5	96.9
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	249.1	99.6
cal 7 mdq	7	✓	500.0	508.2	101.6
cal 8 mdq	8	✓	1000.0	1042.6	104.3

Compound Calibration Report

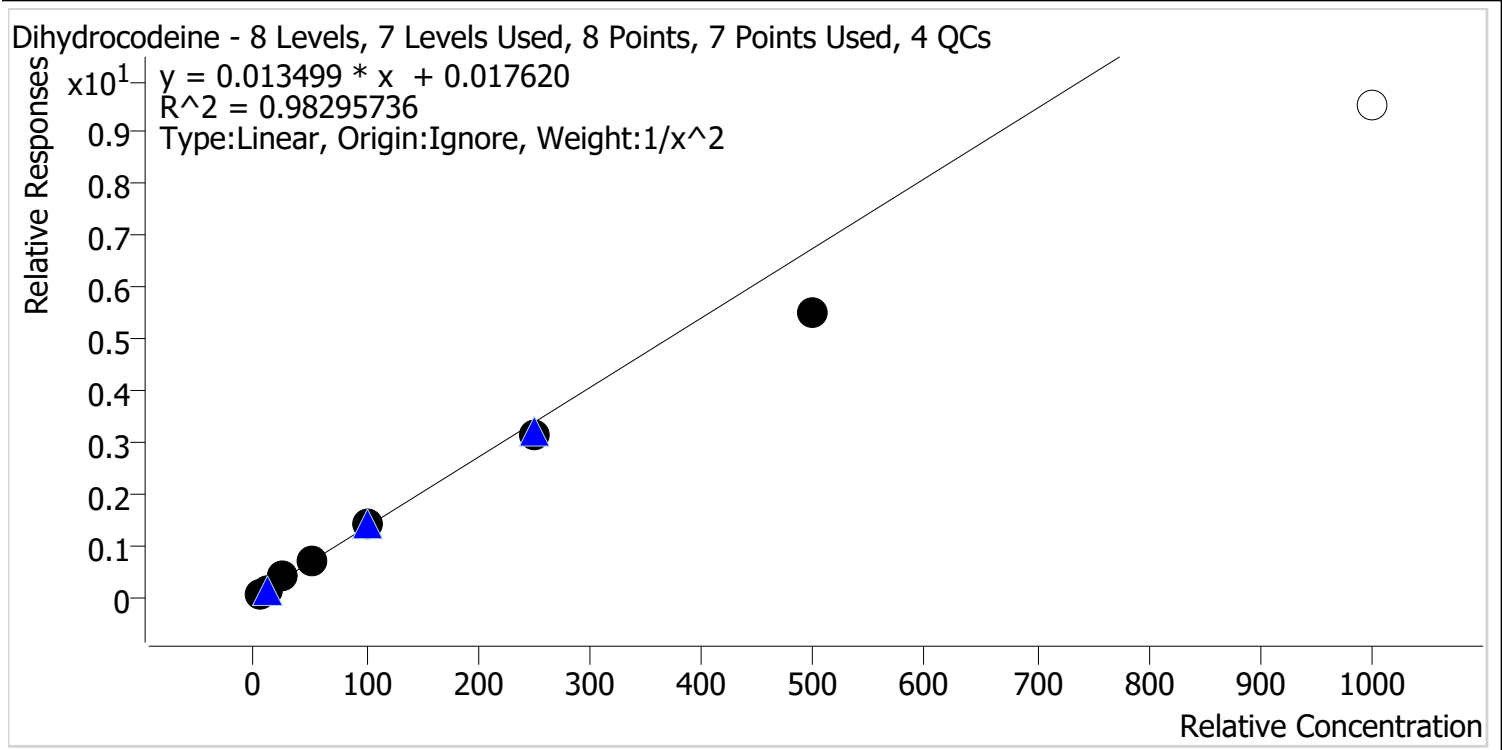
Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.4
cal 2 mdq	2	✓	10.0	10.7	107.0
cal 3 mdq	3	✓	25.0	27.4	109.4
cal 4 mdq	4	✓	50.0	52.1	104.2
cal 5 mdq	5	✓	100.0	102.2	102.2
cal 6 mdq	6	✓	250.0	207.0	82.8
cal 7 mdq	7	✗	500.0	345.3	69.1
cal 8 mdq	8	✗	1000.0	486.9	48.7

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	Dihydrocodeine	Internal Standard	Dihydrocodeine-D6

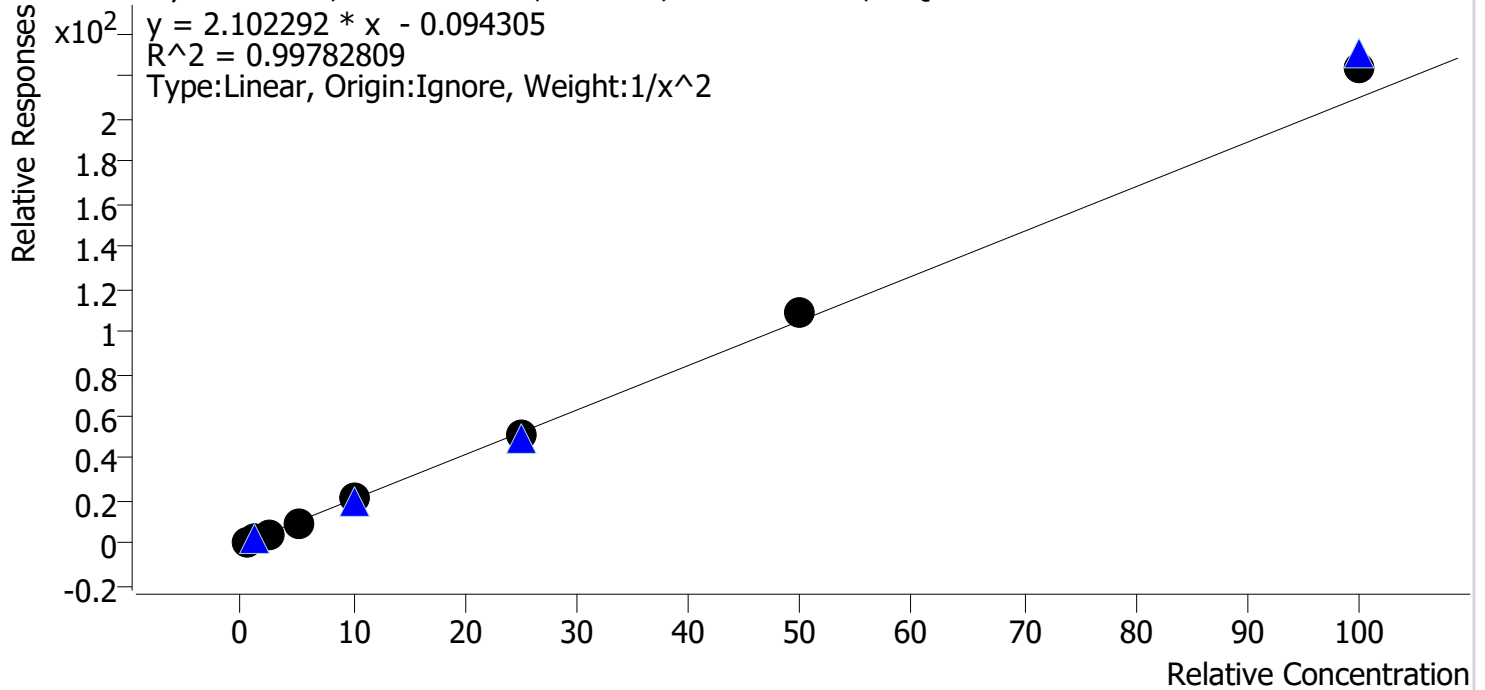


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.1
cal 2 mdq	2	✓	10.0	10.8	107.8
cal 3 mdq	3	✓	25.0	27.9	111.5
cal 4 mdq	4	✓	50.0	54.0	107.9
cal 5 mdq	5	✓	100.0	105.9	105.9
cal 6 mdq	6	✓	250.0	231.3	92.5
cal 7 mdq	7	✓	500.0	406.6	81.3
cal 8 mdq	8	✗	1000.0	704.2	70.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

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

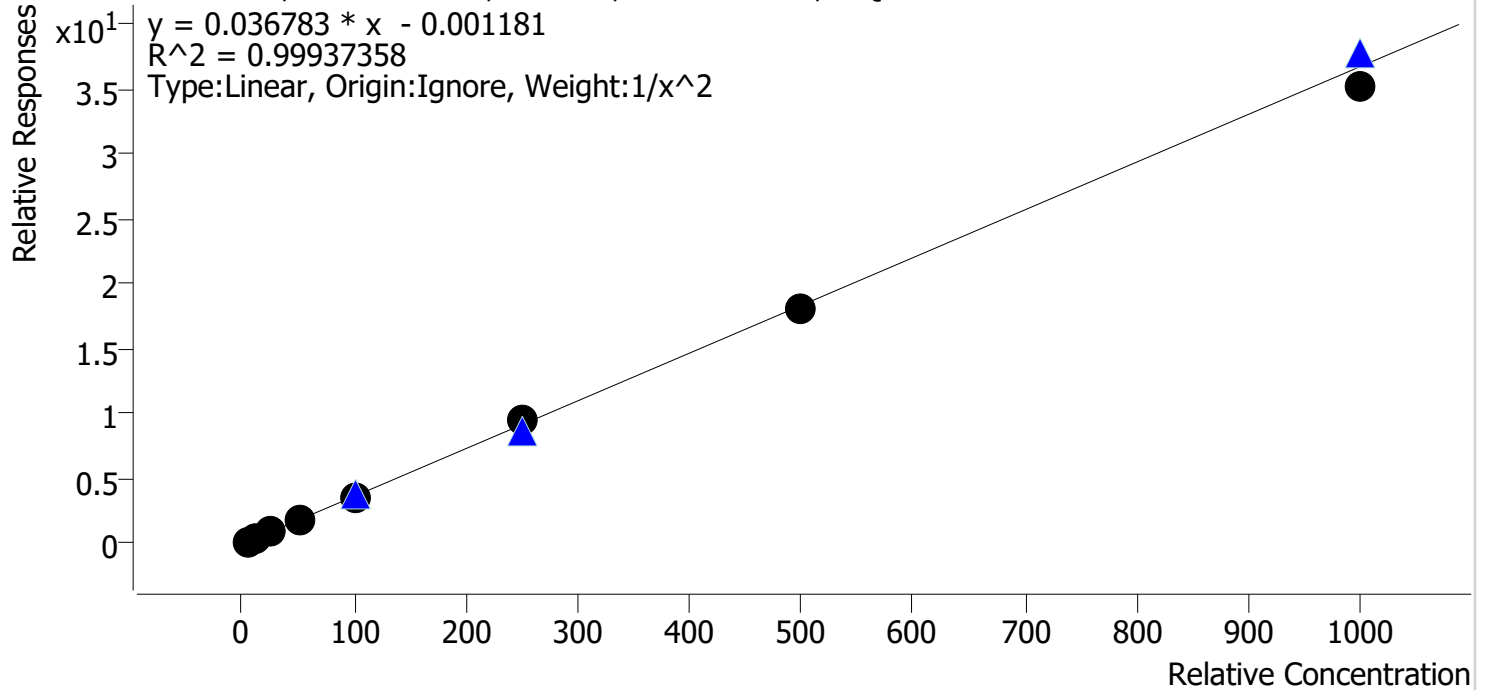


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	101.4
cal 2 mdq	2	✓	1.0	1.0	100.2
cal 3 mdq	3	✓	2.5	2.4	95.4
cal 4 mdq	4	✓	5.0	4.7	94.2
cal 5 mdq	5	✓	10.0	10.0	99.8
cal 6 mdq	6	✓	25.0	24.8	99.0
cal 7 mdq	7	✓	50.0	51.6	103.2
cal 8 mdq	8	✓	100.0	106.8	106.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-d3

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

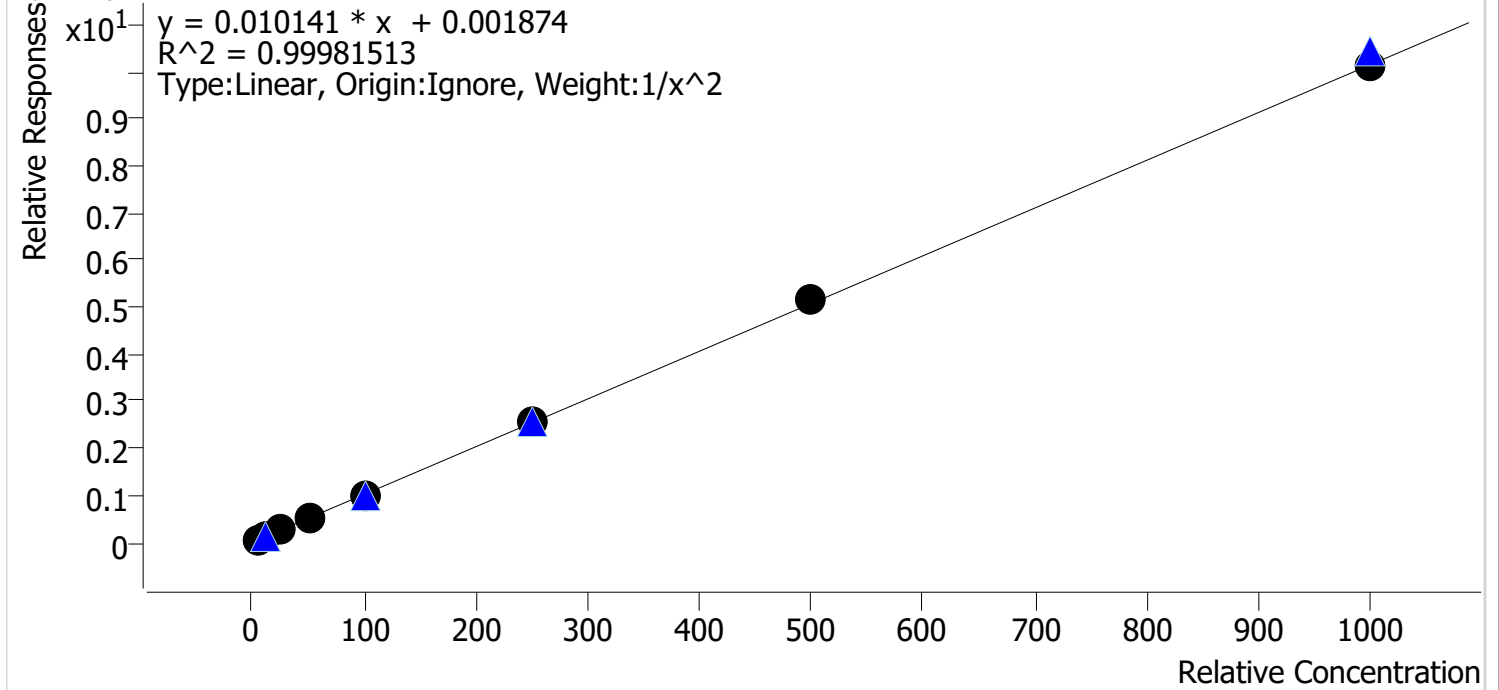


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	25.5	101.9
cal 4 mdq	4	✓	50.0	49.9	99.9
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	258.5	103.4
cal 7 mdq	7	✓	500.0	491.8	98.4
cal 8 mdq	8	✓	1000.0	961.9	96.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte Hydroxyzine **Internal Standard** Pseudoephedrine-D3

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

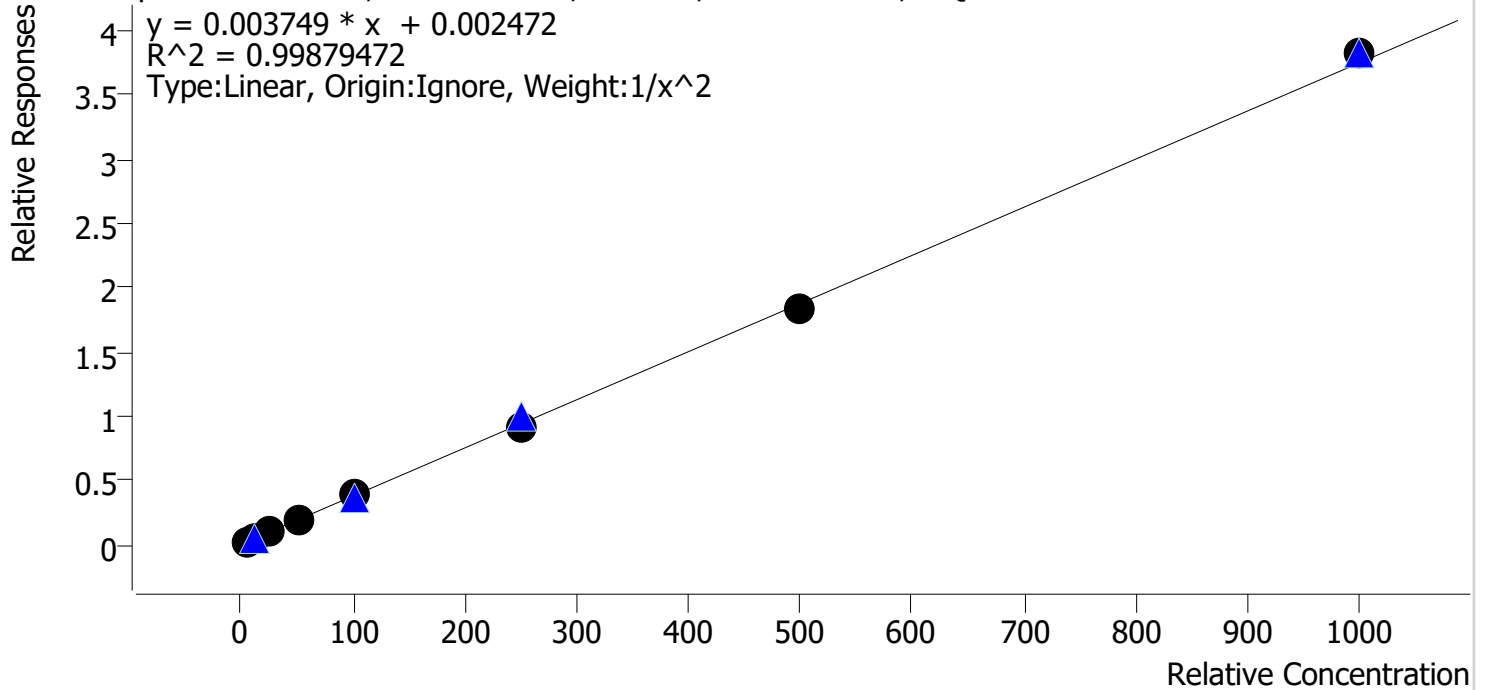


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.7	97.4
cal 3 mdq	3	✓	25.0	25.1	100.5
cal 4 mdq	4	✓	50.0	49.9	99.7
cal 5 mdq	5	✓	100.0	99.8	99.8
cal 6 mdq	6	✓	250.0	251.2	100.5
cal 7 mdq	7	✓	500.0	504.9	101.0
cal 8 mdq	8	✓	1000.0	998.4	99.8

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	Chlordiazepoxide	Internal Standard	Chlordiazepoxide-d5

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

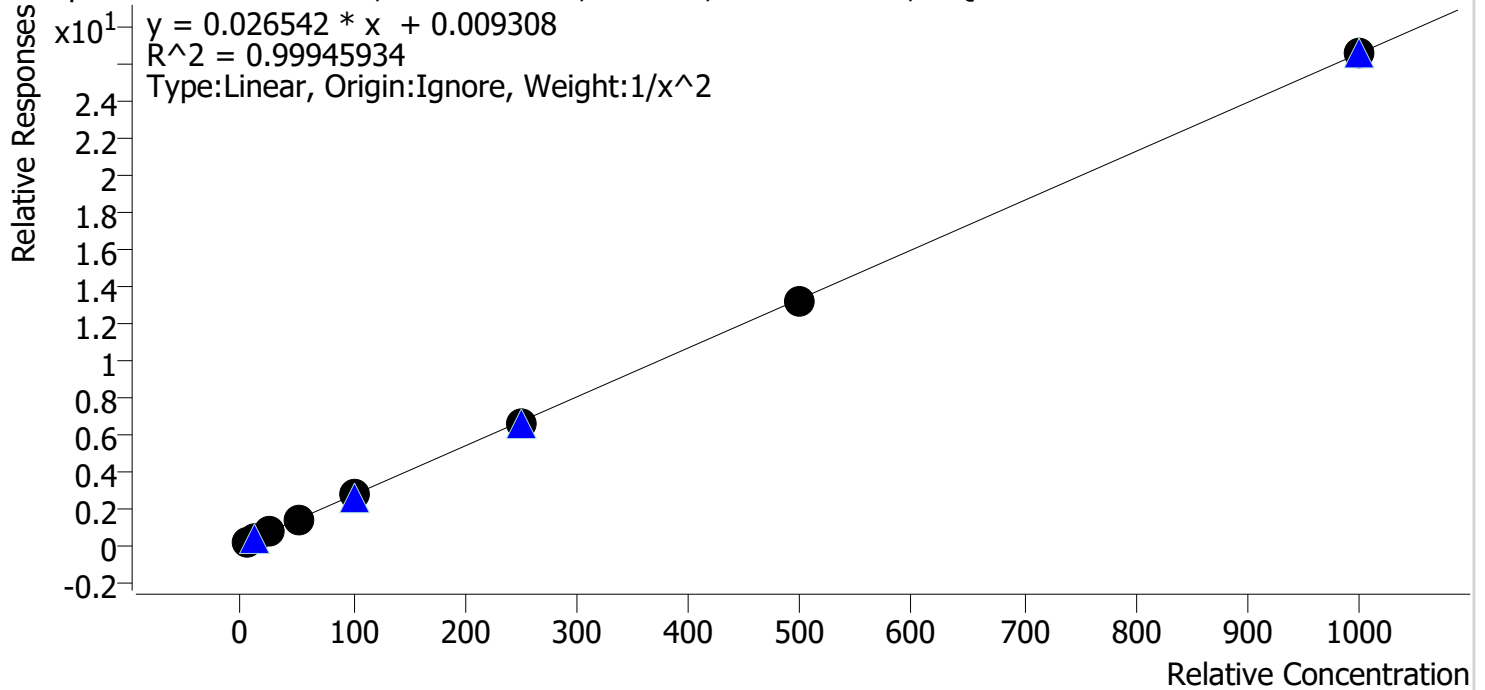


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.3
cal 2 mdq	2	✓	10.0	10.3	102.8
cal 3 mdq	3	✓	25.0	25.9	103.6
cal 4 mdq	4	✓	50.0	47.8	95.5
cal 5 mdq	5	✓	100.0	102.4	102.4
cal 6 mdq	6	✓	250.0	243.2	97.3
cal 7 mdq	7	✓	500.0	491.1	98.2
cal 8 mdq	8	✓	1000.0	1019.4	101.9

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin		
Last Cal. Update	4/19/2023 11:44 AM		
Analyst Name	ISP\datastor		
Analyte	Chlorpheniramine	Internal Standard	Chlorpheniramine-d6

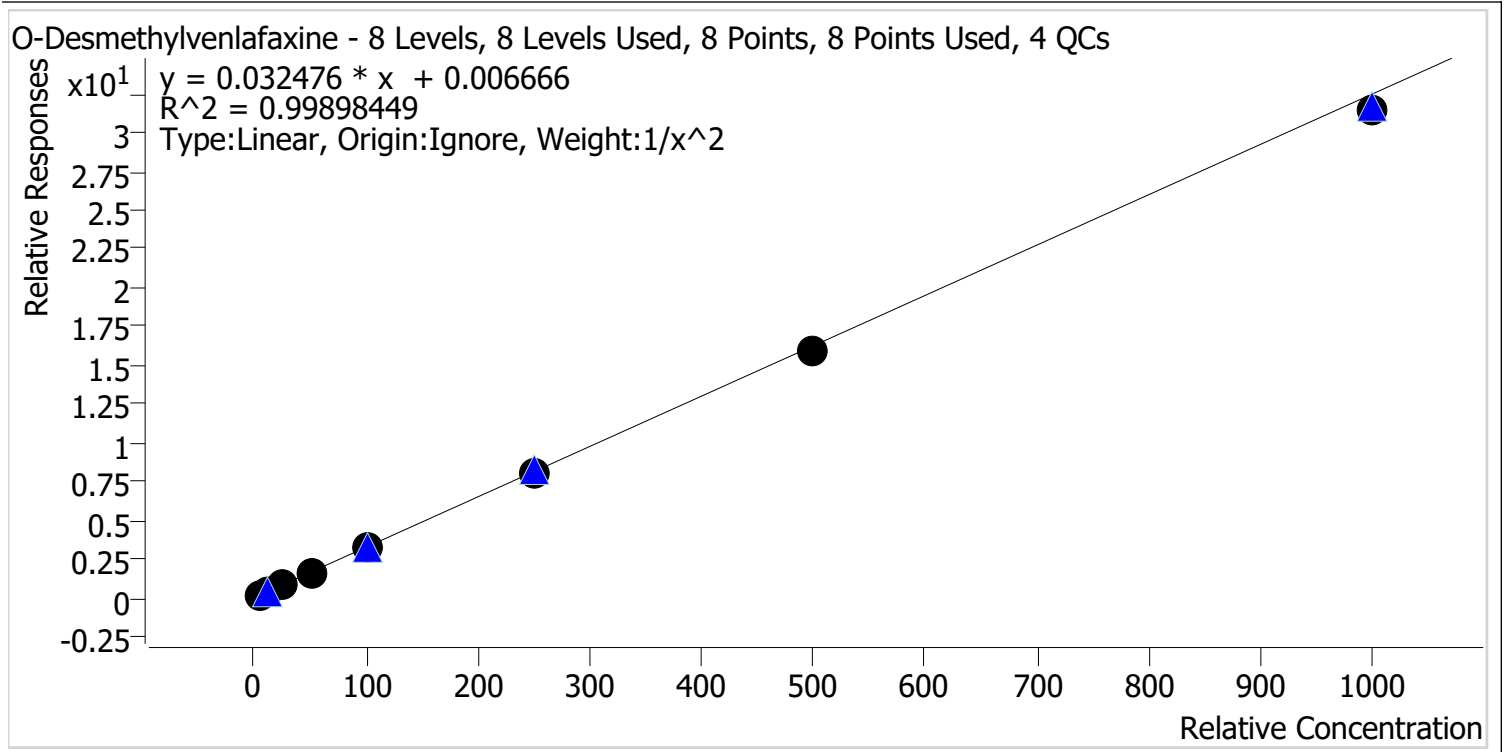
Chlorpheniramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.1
cal 2 mdq	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	25.8	103.0
cal 4 mdq	4	✓	50.0	49.7	99.5
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	243.8	97.5
cal 7 mdq	7	✓	500.0	493.3	98.7
cal 8 mdq	8	✓	1000.0	998.8	99.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Last Cal. Update 4/19/2023 11:44 AM
Analyst Name ISP\datastor
Analyte O-Desmethylvenlafaxine **Internal Standard** O-Desmethylvenlafaxine-d6



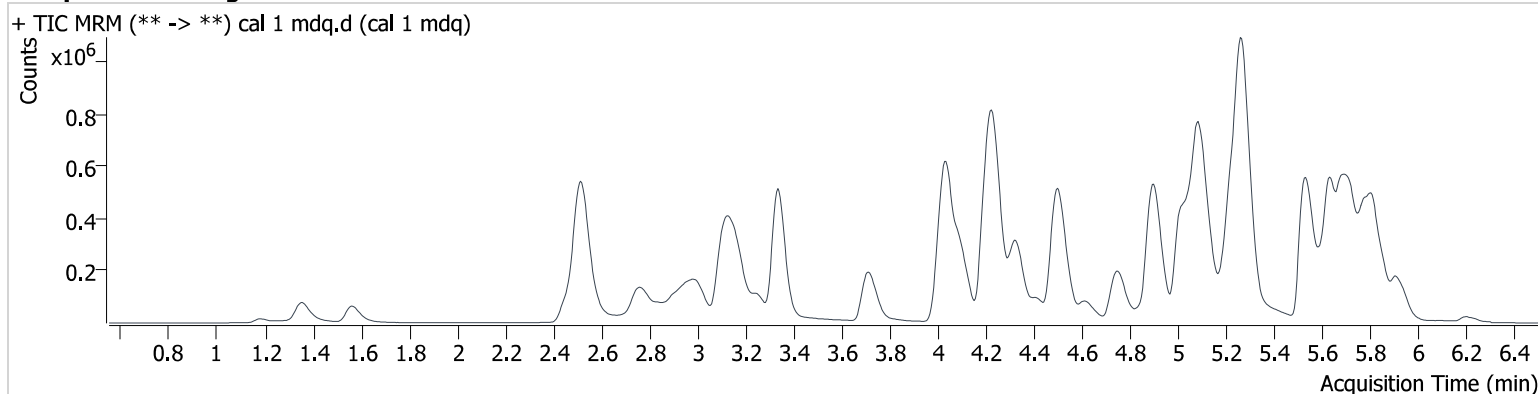
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.9
cal 2 mdq	2	✓	10.0	10.2	102.4
cal 3 mdq	3	✓	25.0	25.9	103.6
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdq	6	✓	250.0	245.1	98.0
cal 7 mdq	7	✓	500.0	486.3	97.3
cal 8 mdq	8	✓	1000.0	968.1	96.8

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument 69679 **Data File** cal 1 mdq.d
Type Cal **Sample** cal 1 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-A1 **Comment**
Injection Volume 3
Acq. Date-Time 4/18/2023 10:54:44 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	1866	∞	141.75	∞	91343	0.487 ng/ml
7-aminoclonazepam	4.236	25777	929.5	125.53	6057.5	256914	4.869 ng/ml
a-hydroxyalprazolam	5.660	9419	272.7	58.40	5994.5	937316	4.694 ng/ml
alpha-PHP	4.905	36100	1879.4	257.90	∞	911537	4.929 ng/ml
alpha-PVP	4.336	123338	45509.6	54.67	4916.1	911537	5.095 ng/ml
Alprazolam	5.734	69155	2944.8	95.16	1997.2	308033	5.081 ng/ml
Amphetamine	3.000	77759	16196.5	268.18	∞	411869	4.732 ng/ml
Benzoylcegonine	3.848	2309	6363.9	50.83	29.7	15563	5.105 ng/ml
Buprenorphine	5.815	6902	221.7	15.42	443.6	147279	0.508 ng/ml
Bupropion	4.761	114737	35805.6	78.50	1892.7	664703	4.899 ng/ml
Carisoprodol	5.695	51179	204400.1	60.78	268.4	334917	4.908 ng/ml
Chlordiazepoxide	5.823	15577	198.8	173.50	1207.6	745300	4.915 ng/ml
Chlorpheniramine	5.089	203385	17866.5	0.37	94.8	1457614	4.906 ng/ml
Citalopram	5.206	112188	3378.8	35.85	∞	788384	4.995 ng/ml
Clonazepam	5.588	36231	2312.0	31.65	3209.8	127395	5.047 ng/ml
Clonazolam	5.529	37822	6140.7	39.70	5741.0	237557	5.145 ng/ml
Cocaine	4.241	92195	167816.6	49.84	32801.5	1414875	5.067 ng/ml
Codeine	2.539	13519	3432.4	89.64	5593.6	95998	4.873 ng/ml
Cyclobenzaprine	5.606	112659	∞	8.55	1905.9	649437	5.015 ng/ml
Dextromethorphan	5.244	78503	3576.6	68.10	29702.6	668999	5.049 ng/ml
Dextrorphan	4.100	82058	7706.0	44.74	132168.3	766831	5.555 ng/ml
Diazepam	5.922	50868	3167.0	85.96	1192.7	369856	4.976 ng/ml
Dihydrocodeine	2.492	32581	3029.0	63.31	1887.3	405071	4.653 ng/ml
Diphenhydramine	5.276	390933	11830.4	31.49	11870.4	2674753	5.068 ng/ml
Doxylamine	4.512	278427	23559.7	93.93	∞	1617510	4.900 ng/ml
Duloxetine	5.636	18872	72.0	9.62	24.2	103799	4.975 ng/ml
EDDP	5.234	105043	20602.4	46.00	62153.7	1039860	4.871 ng/ml
Etizolam	5.785	7414	∞	383.89	26711.4	369856	5.040 ng/ml
Fentanyl	5.072	9717	891.8	126.02	25961.1	886295	0.493 ng/ml
Flualprazolam	5.666	28169	∞	105.03	∞	237557	5.163 ng/ml
Fluorofentanyl	5.128	8706	6555.8	128.57	116.1	8963	0.507 ng/ml
Fluoxetine	5.698	125493	98112.5	6.14	5538.5	775701	5.079 ng/ml
Hydrocodone	2.987	40424	1479.2	38.17	722.9	377577	4.952 ng/ml

AM #28 Multi-Drug Quant. Results

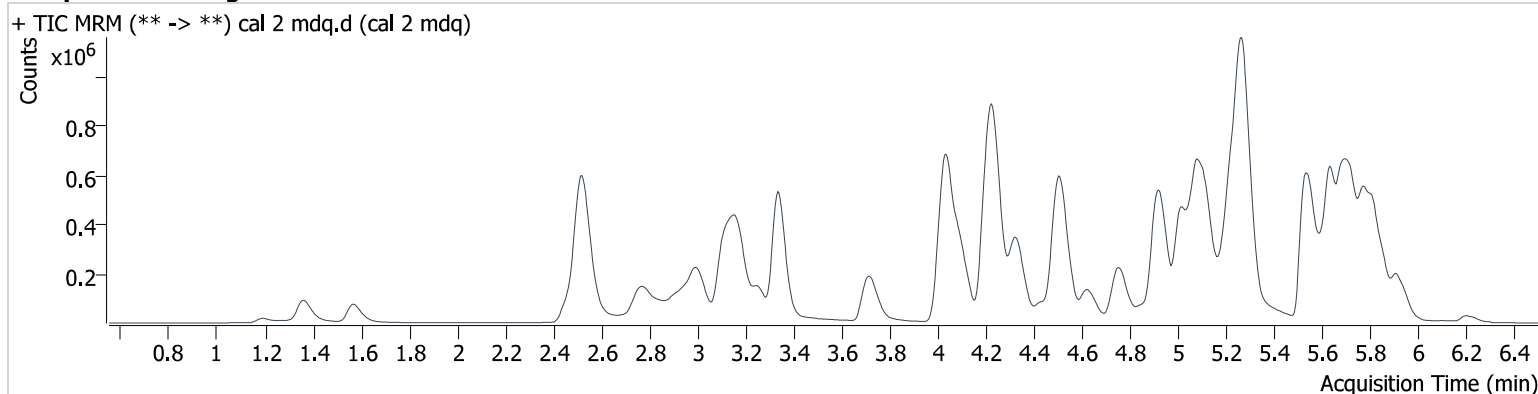
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.572	34477	1087.5	74.42	2095.0	201393	5.011 ng/ml
Hydroxyzine	5.691	101053	20969.6	119.77	111594.5	1899866	5.060 ng/ml
Ketamine	4.025	97954	4968.2	36.28	931.0	663546	4.788 ng/ml
Lamotrigine	4.274	8263	43861.3	97.89	∞	775701	5.381 ng/ml
Lorazepam	5.723	14919	∞	47.67	151.3	383635	5.278 ng/ml
MDA	3.167	112841	7648.8	32.28	680.2	533329	4.723 ng/ml
MDMA	3.258	73994	287704.3	121.16	4233.7	169073	4.987 ng/ml
Meprobamate	4.880	33588	2402.8	33.09	93.8	194375	4.802 ng/ml
Methadone	5.635	180864	2244.9	51.79	2255.0	1122663	5.081 ng/ml
Methamphetamine	3.178	237191	∞	40.00	4415.5	1267888	4.777 ng/ml
Metoprolol	4.298	28097	34785.9	95.95	8136.0	533329	5.046 ng/ml
Mirtazapine	4.616	174624	62544.6	47.67	921.9	761957	4.992 ng/ml
Mitragynine	5.210	30832	72285.7	29.34	∞	1899866	4.832 ng/ml
Morphine	1.186	6253	113927.6	20.07	∞	15007	4.862 ng/ml
Norbuprenorphine	4.973	1168	3510.8	100.39	2555.8	26466	0.501 ng/ml
Nordiazepam	5.866	40916	∞	59.66	∞	237557	5.026 ng/ml
Norfentanyl	4.056	2227	1977.0	272.65	303.8	1311088	0.499 ng/ml
Noroxycodone	2.874	29770	437.5	55.47	1283.9	207329	5.173 ng/ml
O-desmethyl-tramadol	3.345	206969	18372.4	6.65	1640.4	1704398	4.979 ng/ml
O-Desmethylvenlafaxine	4.049	58241	247.5	252.47	832.8	351704	4.894 ng/ml
Olanzapine	4.490	54292	694.7	44.76	485.0	288111	4.721 ng/ml
Oxazepam	5.725	35126	1266.3	72.24	279.2	383635	5.054 ng/ml
Oxycodone	2.787	81727	∞	32.41	1355.2	522964	4.719 ng/ml
Oxymorphone	1.359	50357	∞	47.39	∞	326118	4.982 ng/ml
Phentermine	3.750	37766	∞	13.44	176.5	761957	4.753 ng/ml
Promethazine	5.532	155616	76104.3	38.50	5564.0	1379243	5.152 ng/ml
Pseudoephedrine	2.526	283072	∞	17.82	∞	1899866	5.061 ng/ml
Quetiapine	5.544	145959	544176.1	65.63	119451.3	381172	5.078 ng/ml
Sertraline	5.760	40430	6876.4	88.76	402.3	295339	4.951 ng/ml
Temazepam	5.792	99975	1383.3	30.47	106.2	937316	5.051 ng/ml
Tramadol	4.212	219094	∞	3.55	105.0	1687407	4.827 ng/ml
Trazodone	5.158	125331	1154.5	79.04	3351.4	949907	4.737 ng/ml
Venlafaxine	5.017	149536	70577.1	49.96	1899.8	1603749	5.156 ng/ml
Zolpidem	4.913	207139	15341.7	27.53	19517.4	1745932	4.983 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument	69679	Data File	cal 2 mdq.d
Type	Cal	Sample	cal 2 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B1	Comment	
Injection Volume	3		
Acq. Date-Time	4/18/2023 11:03:38 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	3613	7093.8	129.26	∞	85191	1.043 ng/ml
7-aminoclonazepam	4.236	49227	4180.9	119.38	3335.8	246653	10.226 ng/ml
a-hydroxyalprazolam	5.660	18043	∞	68.15	1229.5	935847	10.535 ng/ml
alpha-PHP	4.905	66635	∞	249.09	2057.5	864242	9.970 ng/ml
alpha-PVP	4.336	232243	52888.2	53.26	9270.0	864242	9.847 ng/ml
Alprazolam	5.739	135866	120484.5	93.70	∞	296451	10.008 ng/ml
Amphetamine	3.000	144265	∞	279.68	16069.6	387204	10.625 ng/ml
Benzoylcegonine	3.848	4217	∞	47.03	113.7	14963	9.671 ng/ml
Buprenorphine	5.835	13908	1894.4	14.73	3643.8	149241	0.996 ng/ml
Bupropion	4.766	208227	3951.8	79.67	5886.9	600703	10.217 ng/ml
Carisoprodol	5.695	95208	95140.2	64.63	1147.4	304939	10.202 ng/ml
Chlordiazepoxide	5.828	27902	537.1	167.36	3119.8	680567	10.275 ng/ml
Chlorpheniramine	5.089	366651	33657.2	0.35	80.9	1300570	10.271 ng/ml
Citalopram	5.206	207390	7174.0	35.18	10639.1	731631	9.861 ng/ml
Clonazepam	5.583	67893	∞	34.51	437083.9	124902	9.682 ng/ml
Clonazolam	5.524	72787	11832.9	37.49	9062.9	221047	9.683 ng/ml
Cocaine	4.236	169565	18292.9	50.56	21188.3	1337948	9.748 ng/ml
Codeine	2.539	25170	3276.6	90.31	10642.8	91303	10.135 ng/ml
Cyclobenzaprine	5.606	205864	27339.9	8.11	140.8	612486	9.844 ng/ml
Dextromethorphan	5.244	146642	∞	69.52	603975.5	623300	10.068 ng/ml
Dextrorphan	4.100	149474	54631.4	47.45	159260.1	721603	10.082 ng/ml
Diazepam	5.922	99209	7691.4	83.46	3207.2	337417	10.281 ng/ml
Dihydrocodeine	2.497	63211	4631.8	60.86	228.5	387553	10.777 ng/ml
Diphenhydramine	5.276	710849	∞	32.24	5788.9	2431399	9.923 ng/ml
Doxylamine	4.517	523610	23472.0	92.53	282561.7	1513940	10.200 ng/ml
Duloxetine	5.636	36389	178.0	11.47	1369.2	99105	10.014 ng/ml
EDDP	5.234	217860	27900.4	42.22	∞	978917	10.427 ng/ml
Etizolam	5.779	13622	34255.4	413.13	∞	337417	9.912 ng/ml
Fentanyl	5.082	19016	404.2	118.97	17892.4	812130	1.037 ng/ml
Flualprazolam	5.666	53049	∞	98.41	∞	221047	9.642 ng/ml
Fluorofentanyl	5.138	16814	5751.8	128.45	402.3	8359	1.002 ng/ml
Fluoxetine	5.693	230159	361796.1	6.75	28205.6	750859	9.739 ng/ml
Hydrocodone	2.987	72436	2026.7	37.09	1111.8	366899	9.958 ng/ml

AM #28 Multi-Drug Quant. Results

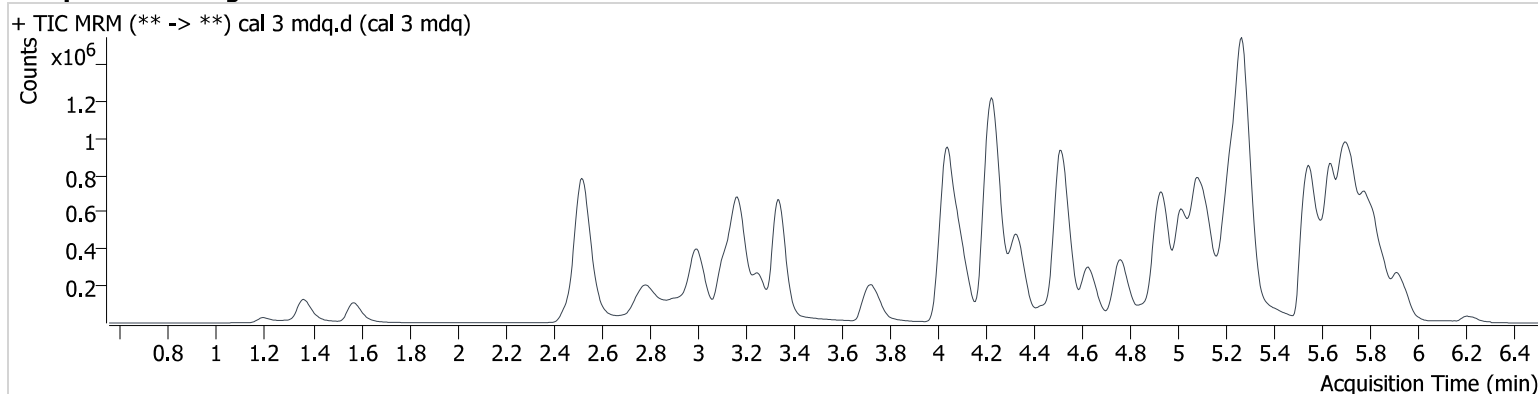
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.577	65371	5140.7	73.58	3457.3	190850	10.000 ng/ml
Hydroxyzine	5.696	185523	3537.2	118.64	62763.3	1842894	9.742 ng/ml
Ketamine	4.025	179913	221314.0	36.02	3535.2	610272	10.390 ng/ml
Lamotrigine	4.274	14573	6942.0	101.28	52511.2	750859	9.108 ng/ml
Lorazepam	5.728	30456	∞	46.26	427.0	371479	9.649 ng/ml
MDA	3.167	220212	9782.3	31.06	∞	510792	10.622 ng/ml
MDMA	3.258	139631	∞	118.47	24334.2	159575	10.098 ng/ml
Meprobamate	4.875	66230	39056.3	33.12	3849.6	188978	10.527 ng/ml
Methadone	5.635	323447	57551.1	53.90	11108.2	1062136	9.651 ng/ml
Methamphetamine	3.178	396516	9396.1	39.96	2852.4	1193910	10.809 ng/ml
Metoprolol	4.298	52471	4774.9	95.78	5250.0	510792	9.765 ng/ml
Mirtazapine	4.621	320126	25332.9	48.99	280513.9	692462	10.070 ng/ml
Mitragynine	5.220	55102	57428.3	29.26	∞	1842894	10.102 ng/ml
Morphine	1.196	11980	∞	18.92	∞	13677	10.412 ng/ml
Norbuprenorphine	4.978	1942	2911.6	95.76	∞	24896	0.982 ng/ml
Nordiazepam	5.866	74960	682860.2	59.40	4411.6	221047	9.966 ng/ml
Norfentanyl	4.061	4153	614.6	283.39	498.0	1237463	0.995 ng/ml
Noroxycodone	2.874	55997	862.4	55.61	898.1	205030	9.645 ng/ml
O-desmethyl-tramadol	3.340	378607	18473.1	6.82	3632.3	1585371	10.009 ng/ml
O-Desmethylvenlafaxine	4.049	108873	509.8	247.20	2736.2	320834	10.244 ng/ml
Olanzapine	4.511	108403	945.1	44.57	617.7	267303	10.704 ng/ml
Oxazepam	5.725	67946	667.2	74.86	1436.8	371479	9.734 ng/ml
Oxycodone	2.787	155830	10482.1	31.40	2775.5	496185	10.579 ng/ml
Oxymorphone	1.364	95650	∞	47.51	∞	310956	9.994 ng/ml
Phentermine	3.750	67634	∞	13.16	531.2	692462	10.482 ng/ml
Promethazine	5.532	278652	627972.5	41.27	3864.1	1278322	9.641 ng/ml
Pseudoephedrine	2.531	537425	15702.1	17.67	∞	1842894	9.889 ng/ml
Quetiapine	5.555	274345	∞	65.75	198744.3	371835	9.697 ng/ml
Sertraline	5.760	79658	7151.0	97.25	11072.8	275632	10.632 ng/ml
Temazepam	5.787	195045	12400.1	29.14	502.5	935847	9.848 ng/ml
Tramadol	4.218	408678	∞	3.62	69244.2	1569484	10.367 ng/ml
Trazodone	5.184	243973	∞	72.79	10010.7	916472	10.742 ng/ml
Venlafaxine	5.017	267458	11979.8	48.88	2222.8	1462943	9.642 ng/ml
Zolpidem	4.939	383544	24095.4	25.47	59554681.6	1660608	10.036 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument 69679 **Data File** cal 3 mdq.d
Type Cal **Sample** cal 3 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-C1 **Comment**
Injection Volume 3
Acq. Date-Time 4/18/2023 11:12:20 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.113	8473	28412.3	132.62	25023.3	83634	2.535 ng/ml
7-aminoclonazepam	4.236	121740	10992.6	117.72	12232.7	247318	26.025 ng/ml
a-hydroxyalprazolam	5.660	38215	631.9	72.48	518.8	808344	28.251 ng/ml
alpha-PHP	4.905	158133	8507.4	248.21	17211.9	799109	26.208 ng/ml
alpha-PVP	4.336	534762	3099888.8	56.46	30517.4	799109	24.112 ng/ml
Alprazolam	5.739	294411	4697.5	96.97	∞	273555	23.030 ng/ml
Amphetamine	3.000	330861	30295.2	300.86	74894.4	371823	27.210 ng/ml
Benzoylcegonine	3.843	10384	2539.8	40.69	189.1	14382	24.734 ng/ml
Buprenorphine	5.846	32089	1729.1	16.75	15344.3	141452	2.403 ng/ml
Bupropion	4.766	486537	326404.7	80.44	12691.5	561654	26.094 ng/ml
Carisoprodol	5.695	211370	183438.6	61.01	938.0	268952	25.933 ng/ml
Chlordiazepoxide	5.828	61841	∞	170.53	2917.6	621115	25.895 ng/ml
Chlorpheniramine	5.089	891023	∞	0.32	49.3	1286008	25.754 ng/ml
Citalopram	5.206	492379	13406.2	34.54	1744947.8	667770	25.506 ng/ml
Clonazepam	5.588	150588	730897.3	32.18	32862.8	105507	25.488 ng/ml
Clonazolam	5.524	165711	143948.7	38.38	6625.4	194464	23.635 ng/ml
Cocaine	4.241	413565	79695.3	48.90	53274.0	1249117	25.282 ng/ml
Codeine	2.539	57359	5155.8	88.77	4366.7	81709	26.769 ng/ml
Cyclobenzaprine	5.611	494283	111066.5	8.97	471.8	570580	25.583 ng/ml
Dextromethorphan	5.244	330260	44615.8	72.27	344761.7	573089	24.581 ng/ml
Dextrorphan	4.100	356687	∞	46.38	123012.9	687236	24.183 ng/ml
Diazepam	5.922	229574	76541.5	87.42	2789.1	320875	24.567 ng/ml
Dihydrocodeine	2.492	143759	2792.1	62.16	451.2	364839	27.884 ng/ml
Diphenhydramine	5.276	1656655	99932.5	32.86	17925.7	2295884	24.176 ng/ml
Doxylamine	4.517	1227664	142966.4	94.22	66785.1	1439930	25.658 ng/ml
Duloxetine	5.636	83659	879.5	9.72	185.0	89407	25.471 ng/ml
EDDP	5.234	476216	93905.1	40.94	∞	842520	26.095 ng/ml
Etizolam	5.779	33250	77616.0	392.89	64778.1	320875	25.071 ng/ml
Fentanyl	5.082	44279	1513.5	117.93	8040.5	787033	2.474 ng/ml
Flualprazolam	5.671	122906	1676.4	97.91	∞	194464	24.103 ng/ml
Fluorofentanyl	5.143	39502	1628.1	124.77	1569.1	8029	2.385 ng/ml
Fluoxetine	5.693	525662	557061.7	6.61	70282.5	676101	24.904 ng/ml
Hydrocodone	2.987	164481	3056.0	37.26	1740.1	337175	26.042 ng/ml

AM #28 Multi-Drug Quant. Results

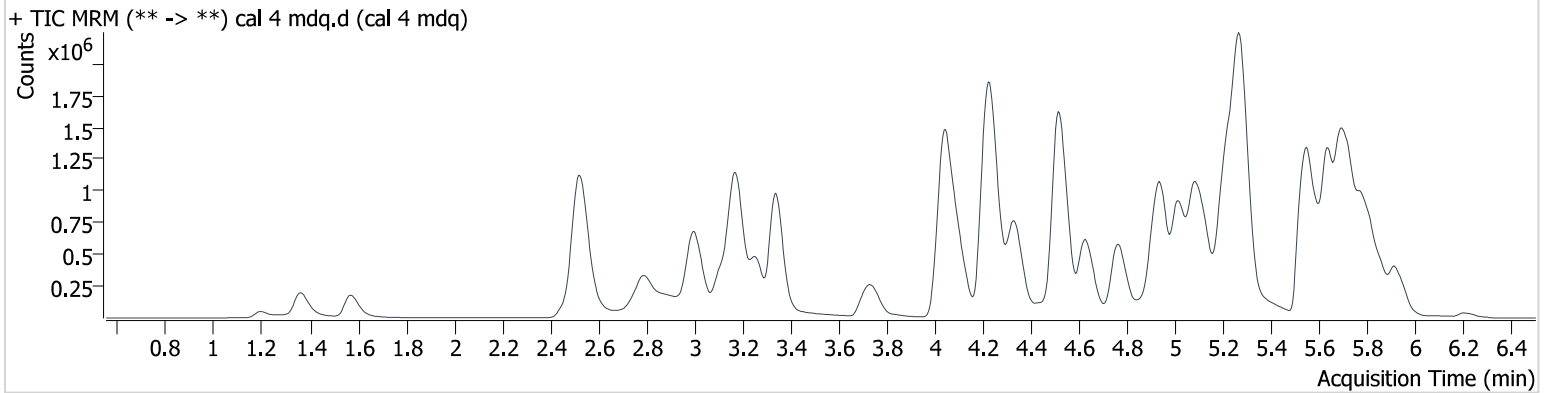
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.572	151113	7945.8	73.97	6112.2	177690	24.792 ng/ml
Hydroxyzine	5.696	440188	246515.9	116.35	153362.0	1714145	25.137 ng/ml
Ketamine	4.025	418585	304849.4	36.79	2849.4	575320	26.862 ng/ml
Lamotrigine	4.279	34003	3018.7	100.96	18690.3	676101	22.254 ng/ml
Lorazepam	5.723	59404	∞	47.20	125.7	286761	22.345 ng/ml
MDA	3.167	485975	4815601.4	30.97	15549.6	468239	26.924 ng/ml
MDMA	3.258	326643	914621.0	119.06	25617.9	153030	24.816 ng/ml
Meprobamate	4.880	148586	6100.0	33.44	766.1	177366	26.228 ng/ml
Methadone	5.640	775399	40347.8	51.99	8434.2	985606	25.015 ng/ml
Methamphetamine	3.178	816120	∞	40.34	3794.8	1190413	25.509 ng/ml
Metoprolol	4.298	122754	∞	93.37	16429.9	468239	24.800 ng/ml
Mirtazapine	4.626	762139	∞	49.65	122740.5	687071	24.162 ng/ml
Mitragynine	5.220	129948	103547.2	28.45	8735.5	1714145	27.797 ng/ml
Morphine	1.196	27495	∞	19.30	19807.8	12772	25.840 ng/ml
Norbuprenorphine	4.973	4519	4605.0	101.23	32267.5	23370	2.622 ng/ml
Nordiazepam	5.871	163399	∞	61.28	3103.9	194464	24.802 ng/ml
Norfentanyl	4.050	9682	837.5	274.58	1002.8	1138843	2.533 ng/ml
Noroxycodone	2.869	124076	1909.3	54.01	3590.4	182126	23.735 ng/ml
O-desmethyl-tramadol	3.340	913820	21046.1	6.46	6613.0	1528661	25.391 ng/ml
O-Desmethylvenlafaxine	4.049	257619	2798.4	244.18	3789.7	303918	25.896 ng/ml
Olanzapine	4.516	262738	492.6	44.22	1342.7	260227	27.352 ng/ml
Oxazepam	5.730	143213	6651.2	65.47	844.4	286761	25.952 ng/ml
Oxycodone	2.787	366566	22634.7	31.85	4066.2	469889	27.889 ng/ml
Oxymorphone	1.364	225499	∞	46.50	∞	290725	25.306 ng/ml
Phentermine	3.750	160814	3848.5	13.28	1300.4	687071	26.726 ng/ml
Promethazine	5.532	654118	∞	41.40	35593.7	1180555	23.986 ng/ml
Pseudoephedrine	2.531	1242231	10325.4	17.65	108591.6	1714145	24.549 ng/ml
Quetiapine	5.555	650997	1227716.6	64.09	686814.3	337939	25.169 ng/ml
Sertraline	5.765	166487	16736.2	102.02	35169.3	263331	23.452 ng/ml
Temazepam	5.787	424519	16128.2	30.12	1128.8	808344	24.783 ng/ml
Tramadol	4.218	955923	∞	3.62	6515.9	1499400	26.374 ng/ml
Trazodone	5.189	557884	375142.3	72.64	166766.9	883758	27.067 ng/ml
Venlafaxine	5.017	662441	28103.5	46.65	3712.1	1410716	24.004 ng/ml
Zolpidem	4.944	910402	16619.3	27.40	875588.4	1594390	25.333 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument 69679 **Data File** cal 4 mdq.d
Type Cal **Sample** cal 4 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-D1 **Comment**
Injection Volume 3
Acq. Date-Time 4/18/2023 11:21:02 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.113	16891	39606.7	136.03	135997.8	83499	5.092 ng/ml
7-aminoclonazepam	4.236	246017	11005.1	116.17	26742.7	248250	52.949 ng/ml
a-hydroxyalprazolam	5.660	61690	28421.4	70.16	1605.2	704648	53.734 ng/ml
alpha-PHP	4.905	325163	18126.4	252.45	59528.8	835089	51.950 ng/ml
alpha-PVP	4.336	1118900	132732.5	55.50	50846.8	835089	48.001 ng/ml
Alprazolam	5.739	569174	∞	90.67	∞	244291	49.448 ng/ml
Amphetamine	3.000	633572	10318.4	286.68	206728.1	363237	54.605 ng/ml
Benzoylcegonine	3.843	21028	∞	42.17	337.8	14811	48.609 ng/ml
Buprenorphine	5.851	67056	15918.3	15.78	5097.0	151786	4.665 ng/ml
Bupropion	4.766	1031448	138615.1	80.19	16810.6	624910	50.060 ng/ml
Carisoprodol	5.695	344359	2908310.5	61.17	2613.0	229481	49.668 ng/ml
Chlordiazepoxide	5.823	102366	2148.4	184.37	4585.0	563865	47.760 ng/ml
Chlorpheniramine	5.094	1778090	15472.0	0.35	478.6	1337762	49.727 ng/ml
Citalopram	5.206	966923	94965.1	33.85	831646.2	648021	51.523 ng/ml
Clonazepam	5.583	259020	19353.3	33.71	82333.3	90315	51.254 ng/ml
Clonazolam	5.524	316010	646163.9	37.90	171991.8	175102	49.053 ng/ml
Cocaine	4.241	826159	175472.9	49.51	1214656.7	1302277	48.338 ng/ml
Codeine	2.539	105667	∞	94.97	∞	79471	51.259 ng/ml
Cyclobenzaprine	5.606	987688	149254.1	8.83	7100.8	577402	50.648 ng/ml
Dextromethorphan	5.244	679097	32168.1	69.85	∞	583126	49.619 ng/ml
Dextrorphan	4.105	742626	∞	45.30	∞	716095	47.605 ng/ml
Diazepam	5.922	454009	5366.4	86.49	9167.1	323364	47.907 ng/ml
Dihydrocodeine	2.492	282094	2329.7	63.26	1065.1	378188	53.950 ng/ml
Diphenhydramine	5.281	3344070	∞	32.44	7825939.8	2313391	48.217 ng/ml
Doxylamine	4.517	2575795	549663.9	95.05	172440.1	1521136	51.306 ng/ml
Duloxetine	5.636	156786	2640.2	9.71	585.3	85404	49.942 ng/ml
EDDP	5.239	888813	36583.2	43.59	93846.9	840738	48.587 ng/ml
Etizolam	5.785	64420	∞	397.13	181798.9	323364	47.982 ng/ml
Fentanyl	5.082	89349	2243.8	123.57	127740.7	801591	4.888 ng/ml
Flualprazolam	5.671	217274	4661.5	101.29	2860.1	175102	46.560 ng/ml
Fluorofentanyl	5.143	82427	52043.6	126.02	166.7	8404	4.710 ng/ml
Fluoxetine	5.698	973072	9871728.8	6.75	176911.7	643976	48.523 ng/ml
Hydrocodone	2.987	326707	56366.1	38.80	∞	343515	51.701 ng/ml

AM #28 Multi-Drug Quant. Results

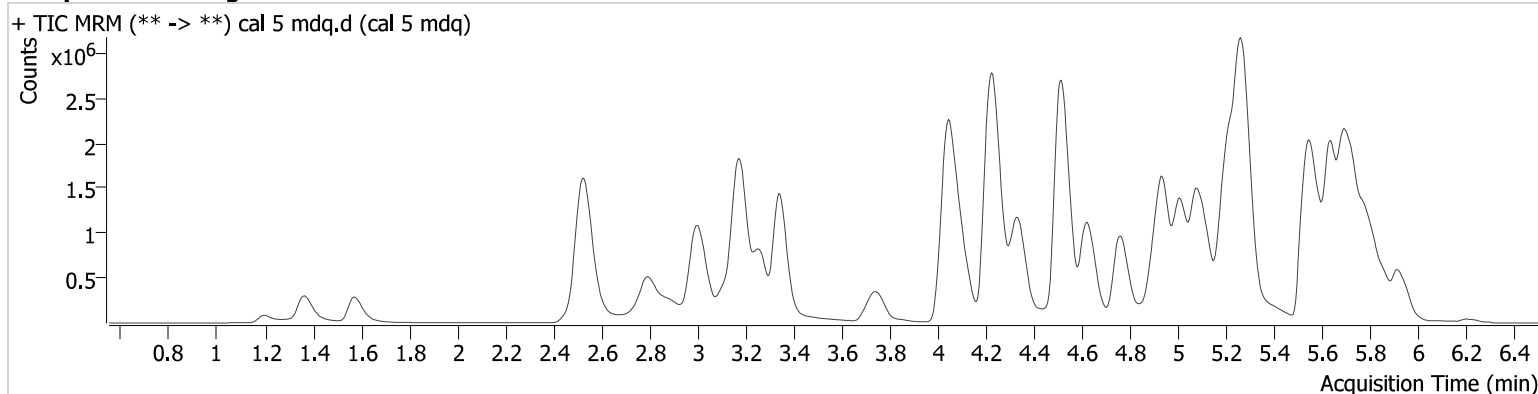
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.572	314304	60584.3	74.26	5858.8	185232	49.440 ng/ml
Hydroxyzine	5.701	887849	251814.8	117.60	350900.3	1749046	49.869 ng/ml
Ketamine	4.025	825453	76626.9	37.32	8794.3	587405	52.656 ng/ml
Lamotrigine	4.279	65968	6777.7	102.06	263393.1	643976	44.448 ng/ml
Lorazepam	5.718	86900	∞	50.33	∞	216172	42.109 ng/ml
MDA	3.167	915740	38702.9	30.39	26138.8	440510	54.893 ng/ml
MDMA	3.258	682517	∞	115.62	43013.0	162008	49.103 ng/ml
Meprobamate	4.875	272459	42051.6	32.53	4415.8	163193	53.031 ng/ml
Methadone	5.640	1622198	2938383.5	52.23	38064.6	1034986	49.890 ng/ml
Methamphetamine	3.178	1587988	964494.7	42.10	∞	1246674	49.972 ng/ml
Metoprolol	4.303	242066	∞	96.35	∞	440510	51.897 ng/ml
Mirtazapine	4.626	1618072	271113.5	48.67	183630.1	674405	52.260 ng/ml
Mitragynine	5.220	247707	141646.6	32.71	84273.1	1749046	53.165 ng/ml
Morphine	1.196	58241	∞	19.13	∞	13978	50.174 ng/ml
Norbuprenorphine	4.973	8327	∞	102.57	∞	23969	4.811 ng/ml
Nordiazepam	5.871	290658	5646112493 038.8	60.31	25099.2	175102	49.068 ng/ml
Norfentanyl	4.061	18989	40033.1	266.90	3251.5	1118481	5.067 ng/ml
Noroxycodone	2.874	249512	3506.3	53.26	846.8	179737	48.141 ng/ml
O-desmethyl-tramadol	3.340	1903717	87314.9	6.54	18527.9	1620843	50.104 ng/ml
O-Desmethylvenlafaxine	4.049	536048	4010.5	239.84	9901.5	324095	50.724 ng/ml
Olanzapine	4.516	526801	1323.8	46.01	6039.2	276167	52.096 ng/ml
Oxazepam	5.725	198564	15490.4	72.32	3107.0	216172	47.428 ng/ml
Oxycodone	2.787	711860	61716.5	31.94	12132.9	494522	52.379 ng/ml
Oxymorphone	1.359	467657	∞	46.78	∞	303588	50.326 ng/ml
Phentermine	3.750	317786	∞	12.44	1166.9	674405	54.972 ng/ml
Promethazine	5.532	1368861	∞	39.73	14123.4	1232851	47.729 ng/ml
Pseudoephedrine	2.526	2503233	∞	17.44	16475.8	1749046	48.465 ng/ml
Quetiapine	5.555	1287039	∞	66.60	688731.6	343600	48.853 ng/ml
Sertraline	5.765	328772	104023.5	100.77	94989.1	259748	47.113 ng/ml
Temazepam	5.792	731385	25597.6	30.09	15340.7	704648	48.960 ng/ml
Tramadol	4.217	1975697	∞	3.51	∞	1587261	52.144 ng/ml
Trazodone	5.189	1042215	67424.3	78.96	85578.1	905550	50.305 ng/ml
Venlafaxine	5.017	1384152	584578.7	47.65	21472.4	1459857	47.973 ng/ml
Zolpidem	4.949	1856020	143389.2	27.54	856368.4	1690610	49.034 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument	69679	Data File	cal 5 mdq.d
Type	Cal	Sample	cal 5 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E1	Comment	
Injection Volume	3		
Acq. Date-Time	4/18/2023 11:29:44 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.118	30134	181870.1	138.48	140193.5	74784	10.174 ng/ml
7-aminoclonazepam	4.236	380333	5175.4	119.03	23198.6	196827	103.762 ng/ml
a-hydroxyalprazolam	5.660	88097	∞	64.35	∞	498172	110.238 ng/ml
alpha-PHP	4.900	598344	8144.4	252.96	29663.0	760945	105.311 ng/ml
alpha-PVP	4.336	2096417	48583.4	54.67	70847.6	760945	98.409 ng/ml
Alprazolam	5.739	959974	∞	91.11	∞	206018	98.542 ng/ml
Amphetamine	3.005	1061469	14559.3	293.82	∞	343938	97.634 ng/ml
Benzoylcegonine	3.848	42057	62790.6	43.07	565.7	14431	99.758 ng/ml
Buprenorphine	5.851	121227	1262.4	16.71	13706.4	129961	9.833 ng/ml
Bupropion	4.761	1975508	∞	77.14	24189.5	587409	102.389 ng/ml
Carisoprodol	5.695	513120	722203.6	61.43	∞	163375	104.139 ng/ml
Chlordiazepoxide	5.828	189245	∞	155.53	3828.4	489653	102.421 ng/ml
Chlorpheniramine	5.089	3470092	222472.8	0.34	236.8	1294895	100.616 ng/ml
Citalopram	5.200	1588053	27962.1	37.37	77609.9	533374	102.719 ng/ml
Clonazepam	5.582	385865	34704.2	33.10	203495.0	68336	100.951 ng/ml
Clonazolam	5.524	492033	11829.6	38.29	44296.3	134482	98.526 ng/ml
Cocaine	4.241	1510048	347135.2	48.67	831026.4	1156149	99.399 ng/ml
Codeine	2.539	177548	27240.4	93.60	20197.1	64880	106.157 ng/ml
Cyclobenzaprine	5.606	1642301	148589.5	9.05	932.6	502771	96.839 ng/ml
Dextromethorphan	5.239	1178383	∞	72.40	135076.3	497238	100.915 ng/ml
Dextrorphan	4.100	1357438	67281.9	46.05	360103.5	631102	97.965 ng/ml
Diazepam	5.922	808393	∞	86.88	∞	284398	96.667 ng/ml
Dihydrocodeine	2.492	505676	4000.3	63.88	978.8	349466	105.886 ng/ml
Diphenhydramine	5.276	6032838	765794.9	31.71	131906.2	2004748	100.145 ng/ml
Doxylamine	4.512	4779343	280836.9	94.61	629211.0	1385311	104.895 ng/ml
Duloxetine	5.636	258127	3541.6	10.60	517.8	69763	100.625 ng/ml
EDDP	5.234	1498452	∞	43.87	62986.8	701024	97.982 ng/ml
Etizolam	5.785	118418	∞	382.10	38396.0	284398	100.030 ng/ml
Fentanyl	5.077	164153	24316.8	124.45	800207.1	713701	10.072 ng/ml
Flualprazolam	5.671	350333	∞	97.22	3358.4	134482	96.880 ng/ml
Fluorofentanyl	5.138	157562	545.2	119.87	528.5	7546	9.977 ng/ml
Fluoxetine	5.698	1593722	61371.4	6.60	87489.6	506908	101.104 ng/ml
Hydrocodone	2.987	575481	7424.8	39.56	∞	309995	101.848 ng/ml

AM #28 Multi-Drug Quant. Results

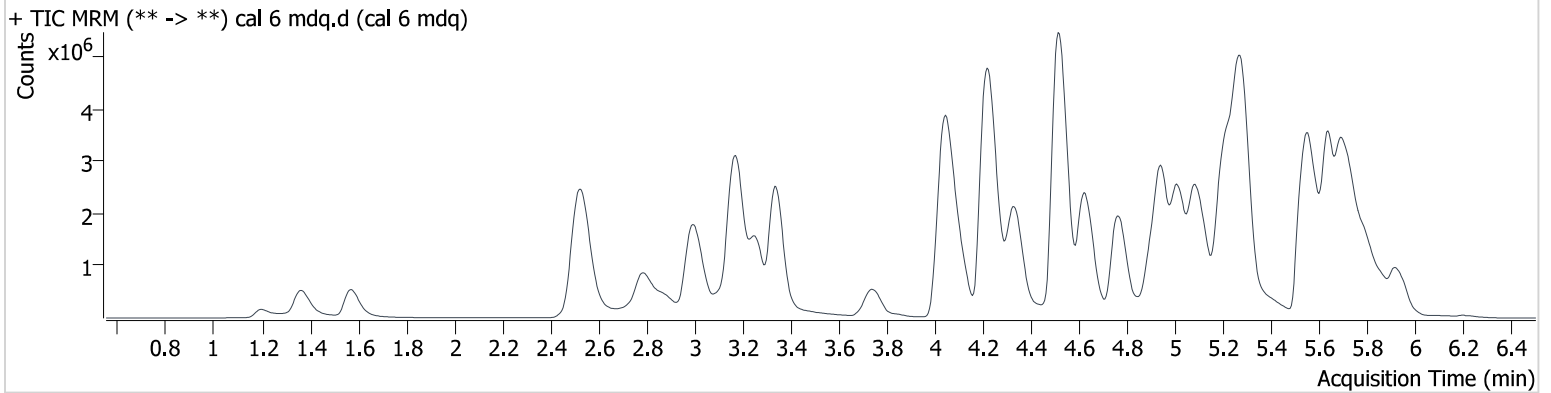
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.572	585158	4928.2	73.73	5056.9	168732	101.020 ng/ml
Hydroxyzine	5.701	1579402	2990.8	114.06	743107.4	1557787	99.788 ng/ml
Ketamine	4.025	1499980	133235.9	37.17	48606.9	524537	108.013 ng/ml
Lamotrigine	4.279	114134	487782.7	97.25	∞	506908	96.679 ng/ml
Lorazepam	5.718	118570	∞	46.74	∞	131106	93.068 ng/ml
MDA	3.167	1449006	39409.0	30.42	6352.6	372329	103.603 ng/ml
MDMA	3.264	1267365	106055.6	113.75	60767.2	144295	102.509 ng/ml
Meprobamate	4.870	444317	37806.5	32.83	6298.4	143390	99.081 ng/ml
Methadone	5.635	3021320	192319.3	52.22	89458.6	937011	102.690 ng/ml
Methamphetamine	3.178	3025709	83449.8	39.98	62497.4	1171023	104.455 ng/ml
Metoprolol	4.298	395916	144019.4	97.74	∞	372329	100.353 ng/ml
Mirtazapine	4.621	2938474	∞	49.07	143979.0	651553	98.235 ng/ml
Mitragynine	5.215	414064	31986.2	30.68	239846.0	1557787	101.029 ng/ml
Morphine	1.196	108286	∞	19.59	∞	13003	100.453 ng/ml
Norbuprenorphine	4.968	15063	168965.3	96.54	12867.1	20348	10.393 ng/ml
Nordiazepam	5.871	455063	3615.6	59.90	12310.5	134482	100.102 ng/ml
Norfentanyl	4.061	32005	8762.1	276.48	1970.0	943606	10.132 ng/ml
Noroxycodone	2.874	429602	7573.3	52.67	3516.2	158289	93.912 ng/ml
O-desmethyl-tramadol	3.345	3613577	189472.2	6.39	29892.4	1529449	101.015 ng/ml
O-Desmethylvenlafaxine	4.049	953349	11490.9	242.53	8681.1	285625	102.570 ng/ml
Olanzapine	4.516	952528	2483.4	45.21	573.4	255789	102.150 ng/ml
Oxazepam	5.730	251756	4248.4	70.00	397.5	131106	98.754 ng/ml
Oxycodone	2.787	1270068	77057.7	31.55	599372.4	448868	104.004 ng/ml
Oxymorphone	1.364	863326	∞	46.33	∞	278922	101.190 ng/ml
Phentermine	3.755	574730	6473.9	11.63	2358.1	651553	103.909 ng/ml
Promethazine	5.532	2573691	554363.2	38.51	16916.7	1114854	98.873 ng/ml
Pseudoephedrine	2.531	4564780	576428.0	17.29	17306.6	1557787	99.211 ng/ml
Quetiapine	5.555	2311764	∞	62.10	2781508.4	298153	101.026 ng/ml
Sertraline	5.760	517587	37470.4	106.68	54083.4	210897	91.503 ng/ml
Temazepam	5.787	1085266	27197.4	29.67	2394.3	498172	102.736 ng/ml
Tramadol	4.217	3633075	∞	3.38	∞	1456365	105.191 ng/ml
Trazodone	5.189	1904351	∞	74.10	∞	826374	101.892 ng/ml
Venlafaxine	5.012	2616529	228780.5	47.14	70209.7	1370199	96.126 ng/ml
Zolpidem	4.939	3419617	260363.4	27.15	41481.7	1515329	101.166 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument	69679	Data File	cal 6 mdq.d
Type	Cal	Sample	cal 6 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F1	Comment	
Injection Volume	3		
Acq. Date-Time	4/18/2023 11:38:27 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	67550	125360.7	136.92	546482.9	68073	25.099 ng/ml
7-aminoclonazepam	4.236	614358	57582.7	117.84	99389.8	128792	256.952 ng/ml
a-hydroxyalprazolam	5.655	100177	1194.8	65.16	446.1	283249	222.136 ng/ml
alpha-PHP	4.900	1208948	11516.6	256.30	∞	643539	252.148 ng/ml
alpha-PVP	4.338	4480945	364249.4	54.16	330579.7	643539	248.297 ng/ml
Alprazolam	5.744	1616430	36242.8	93.86	5061.2	133309	255.867 ng/ml
Amphetamine	3.000	1977414	154691.4	264.49	18972554.8	302066	208.578 ng/ml
Benzoylcegonine	3.843	100748	15526.7	40.81	25977.1	13745	250.843 ng/ml
Buprenorphine	5.856	271544	∞	15.98	∞	117131	24.415 ng/ml
Bupropion	4.766	4446731	1421666.3	76.04	135289.6	550419	246.487 ng/ml
Carisoprodol	5.700	701070	∞	61.41	7470.5	93309	249.357 ng/ml
Chlordiazepoxide	5.828	319450	8105.6	148.91	∞	349422	243.174 ng/ml
Chlorpheniramine	5.089	7460085	∞	0.34	1518.8	1151157	243.814 ng/ml
Citalopram	5.200	2684490	70432.5	38.79	1369222.3	373197	248.037 ng/ml
Clonazepam	5.588	530908	15764.1	32.64	135602.5	38277	248.030 ng/ml
Clonazolam	5.518	744871	287980.6	38.87	293996.8	81557	244.604 ng/ml
Cocaine	4.241	3089373	1796907.2	47.61	278765.2	915945	256.507 ng/ml
Codeine	2.539	309407	9463.6	93.22	7245.2	48370	248.973 ng/ml
Cyclobenzaprine	5.606	3258803	816299.8	8.97	7699490268	377116	256.406 ng/ml
Dextromethorphan	5.239	2175078	336076.0	72.56	425385.3	371499	249.234 ng/ml
Dextrorphan	4.100	2883421	426857.6	45.91	∞	533962	244.867 ng/ml
Diazepam	5.927	1600758	∞	86.04	∞	224915	241.569 ng/ml
Dihydrocodeine	2.487	986584	4031.4	63.40	4840.7	314184	231.311 ng/ml
Diphenhydramine	5.281	11760769	∞	30.70	148872.2	1573909	248.351 ng/ml
Doxylamine	4.512	10873167	∞	93.90	∞	1298131	255.168 ng/ml
Duloxetine	5.636	402990	1598.5	11.34	493.3	42383	258.531 ng/ml
EDDP	5.234	3393935	161260.0	44.02	106630.9	634238	244.915 ng/ml
Etizolam	5.785	228612	∞	387.02	∞	224915	243.844 ng/ml
Fentanyl	5.082	323158	14487.9	127.50	∞	573900	24.638 ng/ml
Flualprazolam	5.671	536163	2221.8	97.94	3333.9	81557	243.282 ng/ml
Fluorofentanyl	5.143	334868	6787.6	121.44	1769.5	6445	24.758 ng/ml
Fluoxetine	5.698	2548847	306170.0	6.65	109987.0	324572	252.727 ng/ml

AM #28 Multi-Drug Quant. Results

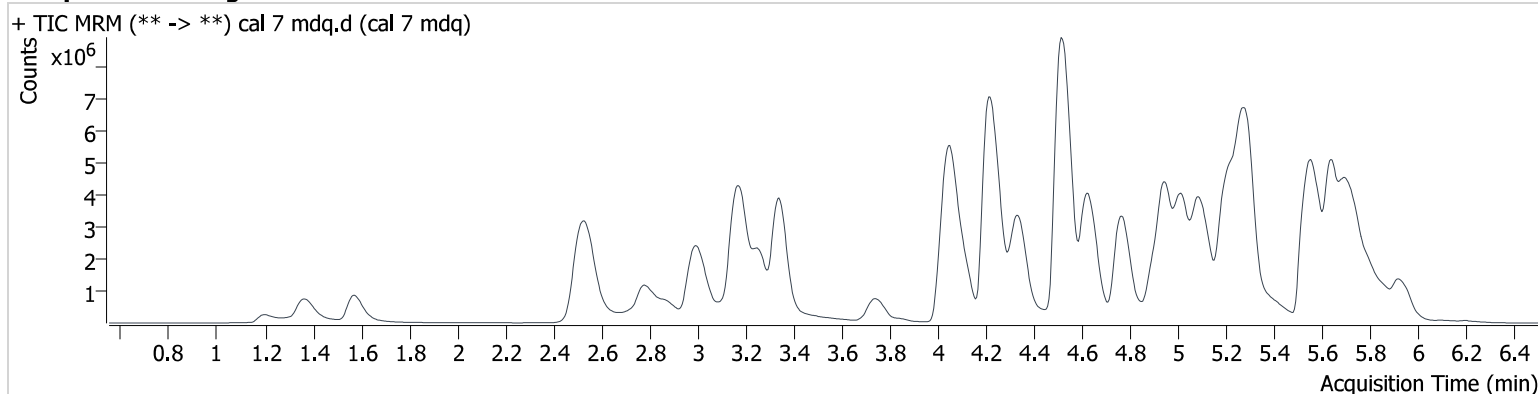
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	2.982	1224364	23450.7	39.24	∞	277533	243.377 ng/ml
Hydromorphone	1.572	1259517	∞	74.28	7304.2	146418	250.540 ng/ml
Hydroxyzine	5.701	3049015	2191.0	114.13	2451781.3	1195913	251.211 ng/ml
Ketamine	4.020	2922392	108512.9	37.65	23047.7	443599	249.920 ng/ml
Lamotrigine	4.274	202524	32394.1	92.75	6820.5	324572	266.421 ng/ml
Lorazepam	5.718	126213	5245.6	46.93	∞	51194	251.405 ng/ml
MDA	3.157	2258270	77671.3	30.10	6813.0	252770	239.084 ng/ml
MDMA	3.253	2624413	219067.7	111.74	181846.4	123619	247.957 ng/ml
Meprobamate	4.870	751335	15704.0	32.46	10853.2	108894	221.558 ng/ml
Methadone	5.640	6487384	967953.7	48.31	895536.1	822302	251.331 ng/ml
Methamphetamine	3.173	6063154	509025.7	39.70	153728.3	1106596	224.866 ng/ml
Metoprolol	4.298	688891	90785.8	94.51	∞	252770	257.082 ng/ml
Mirtazapine	4.626	6446855	178974.8	49.35	1534248.4	523020	268.487 ng/ml
Mitragynine	5.215	802254	75975.5	30.92	22153.0	1195913	257.143 ng/ml
Morphine	1.196	239276	∞	19.23	∞	11515	250.896 ng/ml
Norbuprenorphine	4.973	29769	39607.5	97.62	31320.6	17585	23.930 ng/ml
Nordiazepam	5.876	674094	10942.7	61.59	8878.4	81557	244.614 ng/ml
Norfentanyl	4.056	52485	26514.5	279.00	2682.9	609697	25.728 ng/ml
Noroxycodone	2.874	802793	∞	51.62	5738.9	118500	234.094 ng/ml
O-desmethyl-tramadol	3.340	7890536	∞	6.30	70100.3	1354517	249.389 ng/ml
O-Desmethylvenlafaxine	4.049	1872932	3045.3	241.46	3230.0	235131	245.065 ng/ml
Olanzapine	4.516	2023189	4424.4	48.44	8479.2	268742	206.993 ng/ml
Oxazepam	5.730	250528	37499.7	72.44	4043.5	51194	251.108 ng/ml
Oxycodone	2.777	2567957	∞	31.23	16482.1	403221	235.450 ng/ml
Oxymorphone	1.359	1879875	∞	46.21	∞	241716	254.362 ng/ml
Phentermine	3.745	1184344	∞	10.66	6874.1	523020	268.550 ng/ml
Promethazine	5.532	5402863	1681862.3	39.00	82903.4	921695	250.542 ng/ml
Pseudoephedrine	2.531	8798754	∞	17.07	∞	1195913	249.072 ng/ml
Quetiapine	5.560	4354211	466630.4	63.86	2031046.1	231271	245.178 ng/ml
Sertraline	5.760	909707	127707.8	96.24	159688.2	139094	244.117 ng/ml
Temazepam	5.792	1497134	37062.9	29.70	2089.5	283249	249.231 ng/ml
Tramadol	4.207	7369564	∞	3.42	∞	1287384	242.268 ng/ml
Trazodone	5.189	3474995	3986531.1	74.63	109328.0	710082	217.685 ng/ml
Venlafaxine	5.018	5793897	78278.1	44.58	160722.5	1171543	248.178 ng/ml
Zolpidem	4.944	7331850	∞	27.80	157930.9	1284653	256.396 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument	69679	Data File	cal 7 mdq.d
Type	Cal	Sample	cal 7 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-G1	Comment	
Injection Volume	3		
Acq. Date-Time	4/18/2023 11:47:09 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	119976	448362.4	133.62	∞	62645	48.470 ng/ml
7-aminoclonazepam	4.236	572195	24629.8	118.98	1969.3	73604	419.105 ng/ml
a-hydroxyalprazolam	5.660	96823	600.9	63.87	174.6	150277	406.041 ng/ml
alpha-PHP	4.900	1979576	28985.4	251.84	8025.5	546415	486.630 ng/ml
alpha-PVP	4.339	7961869	238776.4	53.14	171679.0	546415	519.298 ng/ml
Alprazolam	5.744	2221717	∞	94.14	∞	90383	518.346 ng/ml
Amphetamine	3.000	2763047	85174.9	261.22	134186.4	265061	332.917 ng/ml
Benzoylcegonine	3.843	201197	149289.2	41.19	5382.5	13370	514.980 ng/ml
Buprenorphine	5.861	481964	226912.8	15.88	34404.1	99444	51.025 ng/ml
Bupropion	4.766	8202556	1465136.8	73.02	2208058.9	511276	489.856 ng/ml
Carisoprodol	5.705	680269	1112993.4	61.15	81017.9	46087	490.039 ng/ml
Chlordiazepoxide	5.833	450561	37473.8	141.82	27084.5	244376	491.080 ng/ml
Chlorpheniramine	5.089	13294617	93519.4	0.36	3760.2	1014587	493.346 ng/ml
Citalopram	5.195	3437057	∞	39.80	2379796.1	244222	485.196 ng/ml
Clonazepam	5.588	538012	21652.5	32.97	1237108.1	19515	493.030 ng/ml
Clonazolam	5.513	847223	17075.2	39.02	38109.6	42761	529.592 ng/ml
Cocaine	4.241	4762648	155797.2	50.50	620986.6	727245	497.935 ng/ml
Codeine	2.544	438335	33014.6	92.53	30706.1	36311	470.410 ng/ml
Cyclobenzaprine	5.600	4676987	3013093.1	8.22	∞	278574	498.290 ng/ml
Dextromethorphan	5.244	3140392	∞	72.84	∞	266767	501.065 ng/ml
Dextrorphan	4.105	4914879	∞	46.00	169837.1	451844	492.511 ng/ml
Diazepam	5.927	2539335	∞	85.81	∞	167291	514.850 ng/ml
Dihydrocodeine	2.482	1582133	7088.6	63.89	2328.4	287312	406.618 ng/ml
Diphenhydramine	5.292	17843756	670325.2	29.97	243110.6	1153528	513.895 ng/ml
Doxylamine	4.512	18947869	4755008.6	97.49	1148308.1	1195469	483.161 ng/ml
Duloxetine	5.641	453410	687.2	11.39	11574.4	25065	491.811 ng/ml
EDDP	5.239	6446844	1705637.9	44.11	137631.6	592516	497.718 ng/ml
Etizolam	5.785	348949	20536.4	388.03	25101.4	167291	500.155 ng/ml
Fentanyl	5.082	495400	140465.0	124.97	1681732.2	431427	50.230 ng/ml
Flualprazolam	5.671	641415	50559.4	93.07	15841.4	42761	554.089 ng/ml
Fluorofentanyl	5.143	588217	503539.0	116.87	16760.4	5427	51.599 ng/ml
Fluoxetine	5.703	2968620	181339.5	6.18	79472.5	184876	516.901 ng/ml
Hydrocodone	2.982	2080186	∞	40.65	∞	239663	479.779 ng/ml

AM #28 Multi-Drug Quant. Results

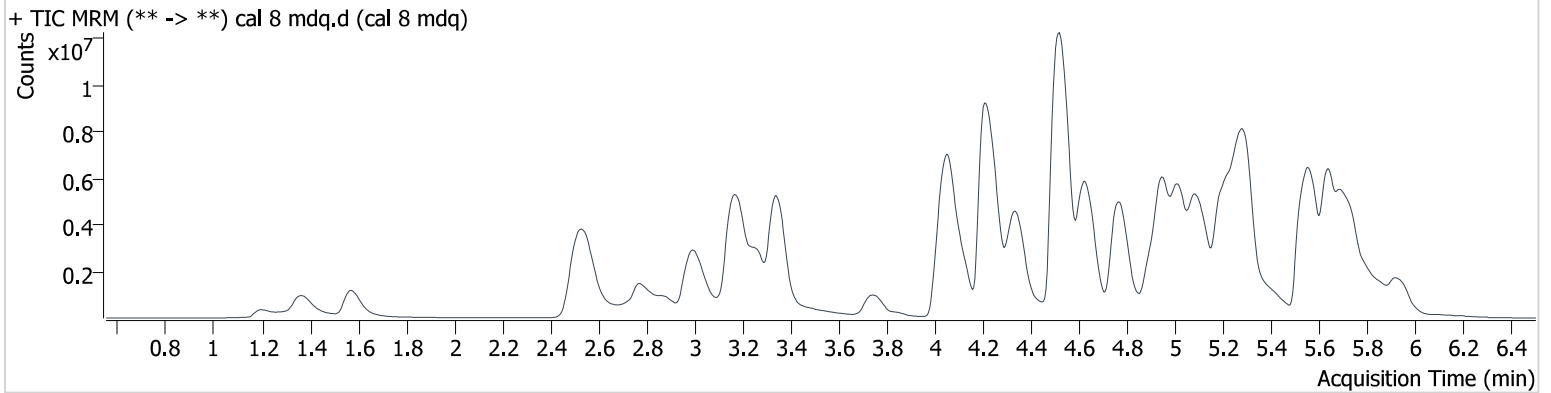
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.572	2176793	∞	74.09	5735.9	126803	499.955 ng/ml
Hydroxyzine	5.701	4524815	54727.9	118.63	204721.3	883330	504.915 ng/ml
Ketamine	4.020	4610811	∞	36.35	41500.8	368715	475.140 ng/ml
Lamotrigine	4.279	248391	19626.0	98.69	17930.4	184876	572.689 ng/ml
Lorazepam	5.723	130553	∞	50.08	∞	22572	588.022 ng/ml
MDA	3.147	2676345	∞	29.57	66145.2	173691	413.047 ng/ml
MDMA	3.258	4032827	162465.2	109.76	283581.5	97385	483.788 ng/ml
Meprobamate	4.865	975901	294890.2	31.51	18024.7	85227	368.199 ng/ml
Methadone	5.640	10779428	190998.3	48.37	198223.1	680031	505.034 ng/ml
Methamphetamine	3.173	9543496	1450784.1	38.76	∞	1048705	375.467 ng/ml
Metoprolol	4.298	914840	75927.3	98.28	∞	173691	496.766 ng/ml
Mirtazapine	4.626	11365355	381763.0	48.89	252802.6	491748	503.424 ng/ml
Mitragynine	5.209	1054919	52026.4	35.03	∞	883330	458.892 ng/ml
Morphine	1.196	400475	∞	20.05	∞	9976	484.871 ng/ml
Norbuprenorphine	4.973	43446	58462.1	98.68	74600.4	12560	49.027 ng/ml
Nordiazepam	5.876	729220	∞	59.63	10997.4	42761	504.785 ng/ml
Norfentanyl	4.061	65246	50468.1	272.75	6170.2	389091	50.125 ng/ml
Noroxycodone	2.874	1181214	12965.3	50.31	6366.2	77783	524.482 ng/ml
O-desmethyl-tramadol	3.340	14072516	241970.1	6.12	∞	1190603	506.243 ng/ml
O-Desmethylvenlafaxine	4.049	2789968	6005.7	244.96	49346.4	176596	486.260 ng/ml
Olanzapine	4.521	3179401	2377.1	46.84	6293.2	253371	345.335 ng/ml
Oxazepam	5.730	234868	6996.4	72.66	4904.6	22572	533.527 ng/ml
Oxycodone	2.772	3985111	∞	31.29	35625.7	346024	426.660 ng/ml
Oxymorphone	1.364	3170072	∞	46.49	∞	206949	501.062 ng/ml
Phentermine	3.745	1875255	∞	10.19	13100.7	491748	453.042 ng/ml
Promethazine	5.526	9148475	2028575.7	37.14	94824.5	753209	518.771 ng/ml
Pseudoephedrine	2.531	13261830	∞	16.97	∞	883330	508.238 ng/ml
Quetiapine	5.562	6488040	144798.3	61.65	544733.3	161628	522.638 ng/ml
Sertraline	5.760	1149836	338778.7	87.54	99339.5	81182	528.852 ng/ml
Temazepam	5.797	1560516	29717.6	33.46	4314.6	150277	489.628 ng/ml
Tramadol	4.207	12242690	∞	3.29	∞	1125798	460.850 ng/ml
Trazodone	5.184	4807815	∞	75.45	206414.5	572947	374.095 ng/ml
Venlafaxine	5.017	9928541	227575.5	42.82	165174.6	965336	515.604 ng/ml
Zolpidem	4.950	12251035	478220.4	28.26	17535.1	1111675	495.413 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\041823\QuantResults\mdq.batch.bin
Calibration Last Update 4/19/2023 11:44:24 AM

Instrument	69679	Data File	cal 8 mdq.d
Type	Cal	Sample	cal 8 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-H1	Comment	
Injection Volume	3		
Acq. Date-Time	4/18/2023 12:04:35 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	188718	∞	136.69	∞	49755	96.023 ng/ml
7-aminoclonazepam	4.236	503188	27935.8	119.53	62752.4	39094	694.261 ng/ml
a-hydroxyalprazolam	5.671	79168	612.1	67.23	∞	72592	688.456 ng/ml
alpha-PHP	4.900	2682706	36969.5	255.89	∞	402857	894.812 ng/ml
alpha-PVP	4.336	11938781	4084127.7	53.14	1000582.2	402857	1055.884 ng/ml
Alprazolam	5.744	2636174	∞	93.17	24810.1	54097	1027.245 ng/ml
Amphetamine	3.005	3324920	89818.2	256.93	440076.1	209400	507.798 ng/ml
Benzoylcegonine	3.843	352921	719717.2	42.26	13610.8	11847	1019.433 ng/ml
Buprenorphine	5.866	670993	∞	15.60	117017.5	63489	111.248 ng/ml
Bupropion	4.766	13259439	1170456.1	69.71	183540.2	420108	964.055 ng/ml
Carisoprodol	5.705	628653	1242650.7	59.40	13846.9	22003	948.691 ng/ml
Chlordiazepoxide	5.838	576874	18322.7	125.67	5015.1	150831	1019.413 ng/ml
Chlorpheniramine	5.094	20663181	190399.1	0.35	1080.0	779187	998.795 ng/ml
Citalopram	5.190	3833790	249195.9	38.23	∞	135635	974.385 ng/ml
Clonazepam	5.582	431463	∞	32.22	221629.2	7793	990.148 ng/ml
Clonazolam	5.508	821063	13859.2	37.53	38649.2	20816	1053.403 ng/ml
Cocaine	4.245	6477884	511978.9	48.15	7680850.9	483817	1017.903 ng/ml
Codeine	2.544	570963	19162.2	94.79	∞	24261	917.673 ng/ml
Cyclobenzaprine	5.600	5604254	650969.1	8.30	2083.6	168761	985.733 ng/ml
Dextromethorphan	5.250	3906884	81001.2	72.69	77445.2	166372	999.468 ng/ml
Dextrorphan	4.105	7267161	3981432.4	44.83	259238.0	323228	1017.233 ng/ml
Diazepam	5.927	3428497	∞	85.13	∞	108327	1073.157 ng/ml
Dihydrocodeine	2.482	2286693	7051.0	64.38	768.7	240095	704.225 ng/ml
Diphenhydramine	5.297	23573110	∞	29.46	∞	752787	1040.086 ng/ml
Doxylamine	4.517	28485019	223197.4	98.88	1212902.2	952886	911.576 ng/ml
Duloxetine	5.652	424875	736.6	12.34	246.0	12009	961.917 ng/ml
EDDP	5.234	10645512	291514.1	43.22	211873.1	480731	1012.720 ng/ml
Etizolam	5.790	480047	∞	377.75	21124.6	108327	1062.318 ng/ml
Fentanyl	5.087	630650	101938.7	124.20	872768.6	272339	101.283 ng/ml
Flualprazolam	5.671	596460	2840.0	101.26	5919.0	20816	1057.714 ng/ml
Fluorofentanyl	5.143	863054	960054.0	113.89	4669.7	3844	106.848 ng/ml
Fluoxetine	5.703	3036840	237214.7	6.97	162312.1	98959	987.993 ng/ml
Hydrocodone	2.982	3461913	14143.6	38.71	11699.0	194178	986.529 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.572	3193887	∞	73.80	∞	92549	1005.032 ng/ml
Hydroxyzine	5.701	5911177	1058692.1	118.86	1726711.8	583686	998.419 ng/ml
Ketamine	4.014	6138220	374267.7	36.97	∞	275969	845.763 ng/ml
Lamotrigine	4.274	245315	∞	95.38	∞	98959	1055.940 ng/ml
Lorazepam	5.723	146780	∞	53.66	232297.8	13176	1131.266 ng/ml
MDA	3.137	2772012	119519.9	29.75	68201.0	107779	690.085 ng/ml
MDMA	3.264	5558962	753998.0	109.06	477945.6	62842	1033.571 ng/ml
Meprobamate	4.865	1127197	247330.4	30.89	8638.7	59854	606.061 ng/ml
Methadone	5.640	15077061	433857.7	48.64	1043701.8	491136	978.116 ng/ml
Methamphetamine	3.173	12896070	1019549.5	38.43	∞	901038	592.236 ng/ml
Metoprolol	4.293	1096103	775921.6	96.83	∞	107779	959.115 ng/ml
Mirtazapine	4.626	17015514	513516.3	48.18	556428.3	402965	919.754 ng/ml
Mitragynine	5.204	1352162	170671.8	34.72	24826.6	583686	891.488 ng/ml
Morphine	1.196	572569	∞	20.26	∞	7121	971.393 ng/ml
Norbuprenorphine	4.973	52771	∞	97.88	69579.8	7286	102.792 ng/ml
Nordiazepam	5.876	728253	∞	60.15	4881.9	20816	1035.626 ng/ml
Norfentanyl	4.061	67002	20625.2	280.22	14391.2	213934	93.627 ng/ml
Noroxycodone	2.880	1542239	∞	47.89	5421.2	45740	1164.232 ng/ml
O-desmethyl-tramadol	3.340	21572205	363534.7	5.98	150594.8	957259	965.407 ng/ml
O-Desmethylvenlafaxine	4.054	3632005	38388.4	244.05	91833.3	115494	968.114 ng/ml
Olanzapine	4.526	4056604	19792.0	48.18	11210.0	229378	486.896 ng/ml
Oxazepam	5.730	249367	17050.9	70.06	∞	13176	970.071 ng/ml
Oxycodone	2.767	5502701	∞	30.67	35907.2	270461	754.567 ng/ml
Oxymorphone	1.364	4657599	∞	46.44	∞	159722	953.917 ng/ml
Phentermine	3.750	2755645	∞	9.62	14001.3	402965	813.326 ng/ml
Promethazine	5.526	13014339	701468.6	35.02	52539.5	522737	1063.010 ng/ml
Pseudoephedrine	2.536	17977055	∞	16.70	∞	583686	1042.602 ng/ml
Quetiapine	5.560	8007578	∞	62.21	429649.7	104808	994.658 ng/ml
Sertraline	5.755	1284033	185686.7	102.00	195391.0	42923	1117.155 ng/ml
Temazepam	5.792	1587266	∞	32.98	8370.5	72592	1030.965 ng/ml
Tramadol	4.202	17598190	∞	3.20	∞	779589	957.370 ng/ml
Trazodone	5.179	5676229	∞	75.88	722574.4	411743	615.335 ng/ml
Venlafaxine	5.021	14472092	1078277.3	40.72	366677.2	659355	1099.775 ng/ml
Zolpidem	4.949	18277108	433032.0	27.94	44337.9	840624	977.758 ng/ml