



REVIEWED
By Sarah Collins at 10:38 am, Jan 27, 2023

1/26/2023

Worklist: 6227

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
C2022-2701	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2708	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2729	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2776	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2780	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2791	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
C2022-2792	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2816	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2817	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2842	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2847	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2900	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-2903	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
C2022-2908	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0011	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0046	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0058	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0099	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ	
C2023-0108	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0118	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2023-0130	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date 1/23/23 Analyst: Anne Nord
Plate lot#: 220802 Item: IDP-121-3CDA Plate re-test: 02/02/23

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) Pipette ID: 390993 or 250µL hydrolyzed urine in wells of analytical (standards) plate.
- ☒ 3. Pipette 250µL 00.5M 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 hydroxy alprazolam 5-500 cal 8 dropped due to accuracy
Amphetamine 5-500 cal 8 dropped due to accuracy
Buprenorphine 1-100 cal 1 dropped due to poor response and peak shape.
Chlordiazepoxide – not evaluated due to rising ratios
Codeine- not evaluated due to poor chromatography split peaks
Dihydrocodeine – not evaluated due to poor peak shape and split peaks
DMT – not evaluated due to rising ratios
Flualprazolam 5-500 cal 8 dropped due to accuracy
Hydrocodone – evaluated qualitatively due to peak shape.
Hydromorphone – evaluated qualitatively due to peak shape.



Meprobamate 5-500 cal 8 dropped due to accuracy
Morphine - not evaluated due to poor chromatography and retention time shift of internal standard
Norhydrocodone – not evaluated due to rising ratios
Noroxycodone – evaluated qualitatively due to peak shape
Oxymorphone – not evaluated due to poor chromatography – peaks are very wide
Oxycodone – evaluated qualitatively due to peak shape
Phentermine – 5-500 cal 8 dropped due to accuracy
Temazepam – 5-500 cal 8 dropped due to peak shape of IS and Target. Evaluated qualitatively
Trazodone – 5-500 cal 8 dropped due to accuracy
Duloxetine - 25-1000 cal 1 and 2 dropped due to poor response and peak shape on qualifier ion.

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	negative blood	2842-1	2908-1	c2023-0108-1						
B	IS + Cal. 2	IS + QC_2	2729-1	2847-1	2780-1	c2023-0130-1						
C	IS + Cal. 3	IS + QC 3	2701-2	2900-1	2792-1	negative urine						
D	IS + Cal. 4	IS + QC_4	2776-4	c2023-0046-1	2817-1							
E	IS + Cal. 5	urine QC2	2708-1	c2023-0011-1	2816-2							
F	IS + Cal. 6			c2023-0058-1								
G	IS + Cal. 7		2791	c2023-0118-1								
H	IS + Cal. 8		2903		c2023-0099-1							

plate position 2

blank in front

c2022-____-

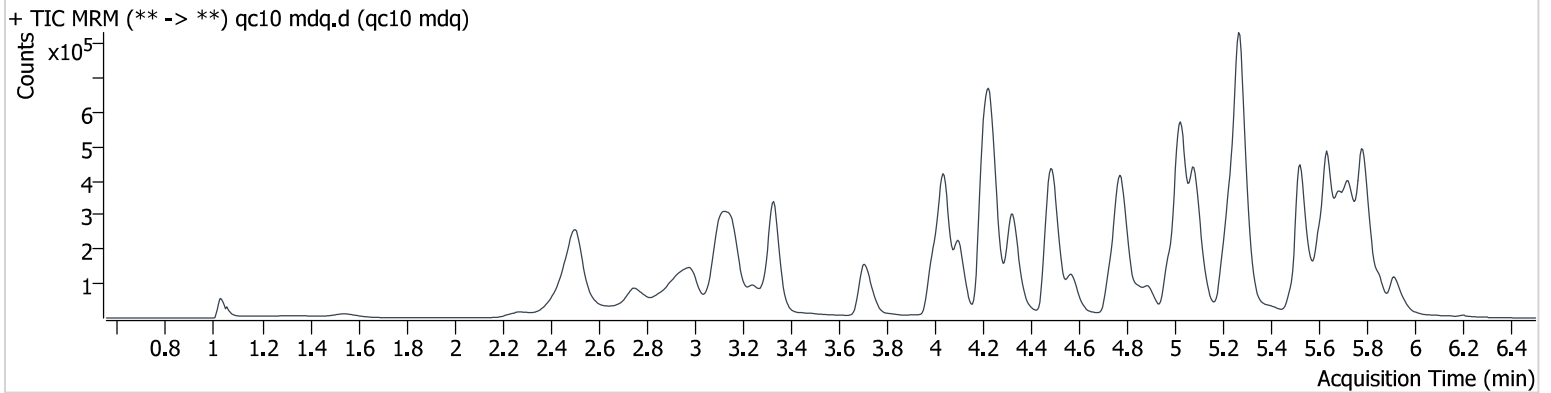
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

Instrument 69679
Type QC
Acq. Method mdqp1 1-21-21long.m
Sample Position P2-A2
Injection Volume 3
Acq. Date-Time 1/23/2023 2:58:37 PM
Sample Info.

Data File qc10 mdq.d
Sample qc10 mdq
Operator Anne Nord
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	2484	15763.5	133.94	6210.9	61116	1.014 ng/ml
7-aminoclonazepam	4.221	22722	1268.2	121.38	751.8	116967	10.762 ng/ml
a-hydroxyalprazolam	5.660	8464	∞	69.02	∞	343412	10.068 ng/ml
alpha-PHP	4.900	47487	3207.4	246.11	18805.7	581642	10.047 ng/ml
alpha-PVP	4.331	158129	7429.4	55.30	5367.2	581642	10.011 ng/ml
Alprazolam	5.739	78436	∞	94.52	∞	270420	9.878 ng/ml
Amphetamine	2.990	115624	1942.8	280.29	5578.1	323729	10.588 ng/ml
Benzoylcegonine	3.838	3119	67.5	39.50	83.8	10806	9.587 ng/ml
Buprenorphine	5.627	4301	1790.1	15.61	315.7	78475	0.764 ng/ml
Bupropion	4.751	132520	∞	75.55	2232.2	402438	9.624 ng/ml
Carisoprodol	5.695	57982	76835.7	65.14	712.0	167471	9.786 ng/ml
Chlorpheniramine	5.084	253438	2349.3	0.37	444.6	902023	10.364 ng/ml
Citalopram	5.206	120010	10927.1	31.10	7274.0	421963	10.667 ng/ml
Clonazepam	5.582	55579	51677.0	34.58	24674.1	103922	10.500 ng/ml
Clonazolam	5.524	43447	4483.5	40.36	2709.6	103922	10.302 ng/ml
Cocaine	4.236	115086	15313.1	49.67	3855.0	897707	10.053 ng/ml
Cyclobenzaprine	5.606	146729	153303.7	8.78	102.1	420321	9.919 ng/ml
Dextromethorphan	5.244	94925	4699.1	70.44	9849.0	423462	10.356 ng/ml
Dextrorphan	4.105	98530	6238.8	44.17	2985.6	440400	10.794 ng/ml
Diazepam	5.917	50544	2701.1	81.31	7329.9	213488	10.158 ng/ml
Diphenhydramine	5.271	384873	12941.9	33.27	8195.6	1710250	10.007 ng/ml
Doxylamine	4.497	334027	20177.3	95.79	13464.5	1054395	10.269 ng/ml
Duloxetine	5.636	13209	100.1	9.55	74.9	40392	10.400 ng/ml
EDDP	5.234	87108	31878.6	42.82	997.6	399905	10.095 ng/ml
Etizolam	5.779	8492	11311.2	395.93	∞	213488	10.466 ng/ml
Fentanyl	5.051	13633	966.0	117.47	1006.1	611181	0.994 ng/ml
Flualprazolam	5.671	35132	2532.3	101.08	8588.4	270420	10.534 ng/ml
Fluorofentanyl	5.102	10735	3406.1	128.12	17.8	6308	0.999 ng/ml
Fluoxetine	5.693	100261	89322.1	6.55	15343.6	294432	10.279 ng/ml
Hydrocodone	2.972	56560	1009.5	38.28	1208.2	290298	9.803 ng/ml
Hydromorphone	1.547	16197	437.7	75.52	520.1	47926	9.690 ng/ml
Hydroxyzine	5.675	68660	806.5	109.65	13194.9	938689	10.393 ng/ml
Ketamine	4.004	104548	9196.2	37.60	3527.9	445283	10.160 ng/ml

AM #28 Multi-Drug Quant. Results

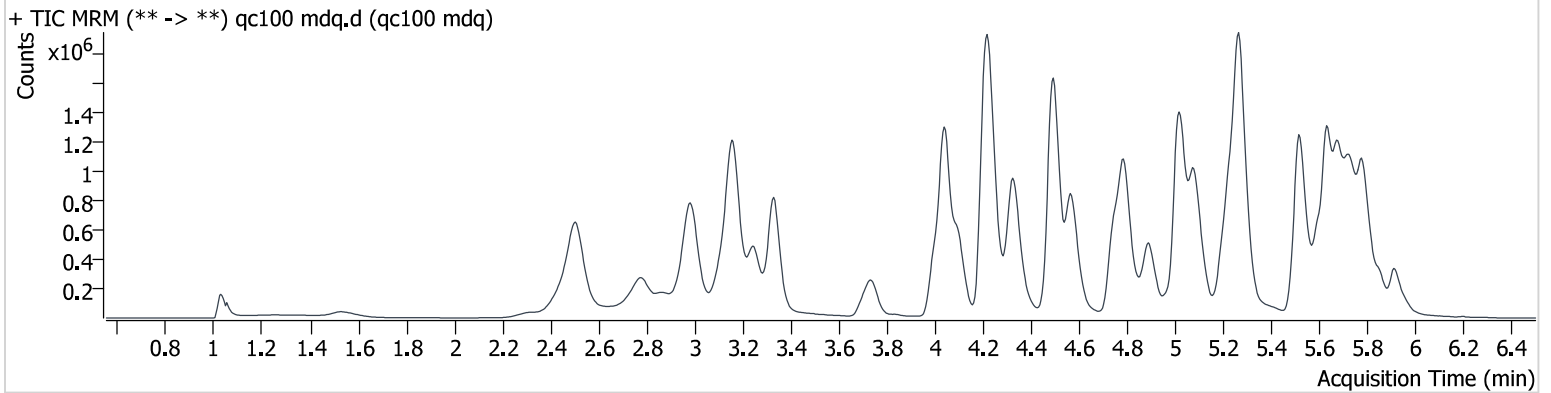
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.259	9615	1090.4	99.68	∞	431063	9.913 ng/ml
Lorazepam	5.713	46350	∞	43.17	∞	343412	10.618 ng/ml
MDA	3.157	164093	3796.5	31.22	∞	431063	10.693 ng/ml
MDMA	3.248	95610	10698.9	110.48	3158.3	96477	9.938 ng/ml
Meprobamate	4.875	52034	4270.3	33.14	1668.6	165625	9.983 ng/ml
Methadone	5.635	213909	84495.4	55.32	∞	762915	9.707 ng/ml
Methamphetamine	3.168	270284	2624.7	39.90	3313.6	852857	10.186 ng/ml
Metoprolol	4.298	25248	6668.3	100.22	∞	431063	9.672 ng/ml
Mirtazapine	4.569	220830	8665.9	48.36	12364.8	96477	9.694 ng/ml
Mitragynine	5.184	43813	68970.5	28.12	9513.7	1052922	10.062 ng/ml
Norbuprenorphine	4.968	667	1247.1	117.49	1563.7	9961	0.927 ng/ml
Nordiazepam	5.860	45206	2377.7	58.18	5436.6	138856	10.556 ng/ml
Norfentanyl	4.050	2492	845.8	252.37	1765.3	671189	1.080 ng/ml
Noroxycodone	2.864	38053	1352.3	56.98	379.2	128137	9.684 ng/ml
O-desmethyl-tramadol	3.335	236457	12679.3	6.57	∞	933384	10.042 ng/ml
O-Desmethylvenlafaxine	4.043	65976	429.3	241.01	2106.7	212699	10.396 ng/ml
Olanzapine	4.337	68163	768.0	43.02	117.3	162435	10.183 ng/ml
Oxazepam	5.725	80135	∞	66.68	294.7	343412	10.195 ng/ml
Oxycodone	2.772	102421	4868.3	31.78	755.4	292233	10.165 ng/ml
Phentermine	3.745	47213	562.6	11.36	386.0	494879	10.634 ng/ml
Promethazine	5.526	198390	16364.3	41.14	4849.8	938689	10.111 ng/ml
Pseudoephedrine	2.516	256713	27513.4	18.21	1199.6	1052922	9.936 ng/ml
Quetiapine	5.497	95995	9561.6	64.20	842362.8	149911	10.041 ng/ml
Sertraline	5.760	43035	59990.4	100.11	8558.7	176513	9.679 ng/ml
Temazepam	5.781	154806	1471.5	28.08	588.9	646312	10.325 ng/ml
Tramadol	4.212	268114	2648.6	3.42	235.2	1086080	10.082 ng/ml
Trazodone	5.015	130352	3151.5	80.00	4767.3	527599	10.949 ng/ml
Venlafaxine	5.017	172392	8282.5	48.96	1894.2	891683	9.444 ng/ml
Zolpidem	4.790	254475	16148.4	25.60	3652.1	921670	10.248 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B2	Comment	
Injection Volume	3		
Acq. Date-Time	1/23/2023 7:52:48 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.103	20362	29995.7	132.21	∞	49081	10.383 ng/ml
7-aminoclonazepam	4.216	207506	3978.7	117.94	15388.4	113488	106.246 ng/ml
a-hydroxyalprazolam	5.660	52565	675.3	66.51	505.1	215891	96.208 ng/ml
alpha-PHP	4.895	373887	11813.8	242.29	67568.7	453851	97.160 ng/ml
alpha-PVP	4.326	1229854	220339.1	55.14	39025.1	453851	98.130 ng/ml
Alprazolam	5.739	567675	33892.2	91.08	7773.1	195294	97.003 ng/ml
Amphetamine	2.985	879373	104747.5	256.85	45349.0	253533	110.694 ng/ml
Benzoylcegonine	3.838	25628	108055.8	42.83	717.7	8826	101.471 ng/ml
Buprenorphine	5.633	33970	3465.6	17.16	22794.2	55634	10.077 ng/ml
Bupropion	4.746	1057604	284215.8	74.55	15902.0	330100	98.201 ng/ml
Carisoprodol	5.695	371517	229942.5	63.37	4147.7	111574	95.778 ng/ml
Chlorpheniramine	5.084	2002902	∞	0.33	1292.8	743736	100.950 ng/ml
Citalopram	5.206	855540	54866.6	35.94	703860.0	322142	100.440 ng/ml
Clonazepam	5.577	397144	471013.2	33.54	2080876.0	74753	103.167 ng/ml
Clonazolam	5.518	315765	∞	41.00	2059.3	74753	96.402 ng/ml
Cocaine	4.236	870328	125532.6	49.30	301996.8	695338	98.339 ng/ml
Cyclobenzaprine	5.600	1048790	301480.0	9.52	∞	321963	94.058 ng/ml
Dextromethorphan	5.239	688252	∞	73.55	∞	311725	101.243 ng/ml
Dextrophan	4.100	775125	111393.5	44.25	∞	355854	100.914 ng/ml
Diazepam	5.917	383575	6327.0	86.82	21292.2	168069	98.285 ng/ml
Diphenhydramine	5.271	2938830	87259.4	33.11	217718.0	1305449	97.781 ng/ml
Doxylamine	4.492	2694889	261196.2	94.21	883843.8	859760	102.830 ng/ml
Duloxetine	5.631	94705	1001.1	10.57	905.3	27188	98.177 ng/ml
EDDP	5.234	742688	209267.6	42.37	1063477.6	350366	96.290 ng/ml
Etizolam	5.779	60408	∞	401.48	∞	168069	102.188 ng/ml
Fentanyl	5.046	105901	8080.8	119.36	21619.5	468326	9.887 ng/ml
Flualprazolam	5.666	242150	3401.4	99.43	∞	195294	103.836 ng/ml
Fluorofentanyl	5.102	82462	6497.2	128.94	1089.1	4804	9.281 ng/ml
Fluoxetine	5.693	665654	∞	6.76	53760.9	200088	99.576 ng/ml
Hydrocodone	2.967	400645	9872.7	41.31	28117.4	211208	98.758 ng/ml
Hydromorphone	1.532	164564	2017.0	76.30	624.4	47013	103.328 ng/ml
Hydroxyzine	5.670	521147	1500.3	116.19	502751.0	725355	104.467 ng/ml
Ketamine	4.004	828780	45641.5	37.03	8574.7	356482	105.370 ng/ml

AM #28 Multi-Drug Quant. Results

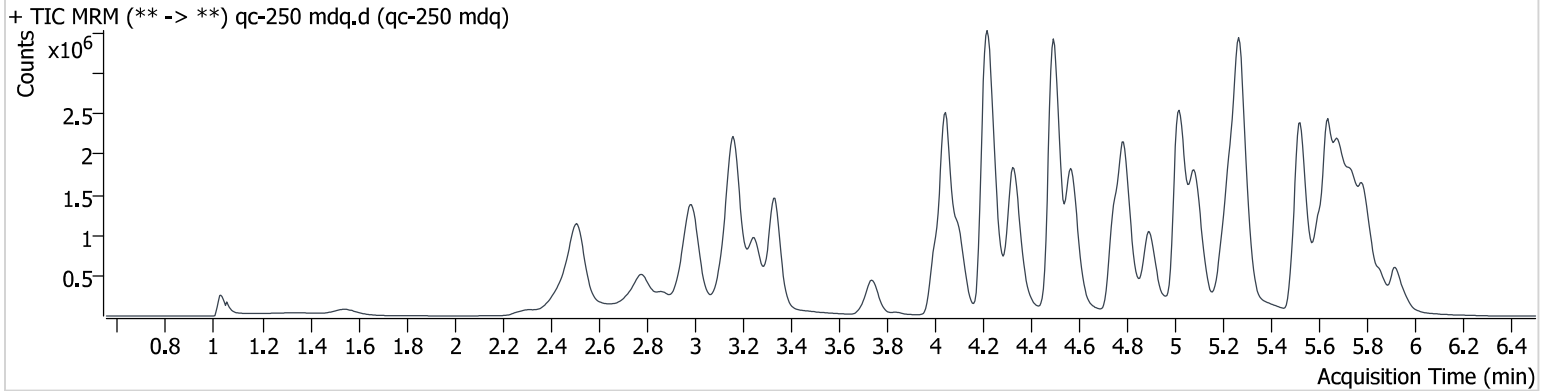
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.259	69042	1979.5	101.51	∞	335152	94.978 ng/ml
Lorazepam	5.713	259197	∞	45.85	933.0	215891	107.517 ng/ml
MDA	3.152	1176469	27950.7	30.51	18256.0	335152	106.868 ng/ml
MDMA	3.248	736890	∞	112.45	49880.6	74701	101.466 ng/ml
Meprobamate	4.870	383321	19869.8	32.01	6923.6	122167	111.421 ng/ml
Methadone	5.635	1714466	167390.9	53.47	703030.0	574791	103.357 ng/ml
Methamphetamine	3.163	1599620	∞	40.82	∞	693250	104.791 ng/ml
Metoprolol	4.293	196240	636835.0	97.95	13739.3	335152	96.376 ng/ml
Mirtazapine	4.569	1715402	258520.8	49.00	64896.9	74701	96.152 ng/ml
Mitragynine	5.179	313835	26935.1	31.13	∞	827784	101.804 ng/ml
Norbuprenorphine	4.968	4974	12689.7	104.45	4180.7	8329	9.955 ng/ml
Nordiazepam	5.861	332377	171127.9	60.72	9551.3	107171	101.415 ng/ml
Norfentanyl	4.050	17560	2334.8	275.12	785.4	502809	9.473 ng/ml
Noroxycodone	2.859	300572	10317.6	50.23	695.2	99564	100.719 ng/ml
O-desmethyl-tramadol	3.330	1913032	370636.8	6.50	37424.3	770598	102.324 ng/ml
O-Desmethylvenlafaxine	4.043	514059	1982.6	240.75	30796.5	173865	101.437 ng/ml
Olanzapine	4.337	552945	4519.5	43.98	229.9	130184	104.398 ng/ml
Oxazepam	5.720	498770	10822.5	68.48	8459.1	215891	102.079 ng/ml
Oxycodone	2.772	764934	∞	31.70	∞	202523	116.101 ng/ml
Phentermine	3.740	363925	∞	10.71	3707.2	402867	104.251 ng/ml
Promethazine	5.521	1585899	2622647.2	38.69	16736.1	725355	99.593 ng/ml
Pseudoephedrine	2.511	2061444	37751.3	17.34	7899.2	827784	100.963 ng/ml
Quetiapine	5.497	778077	75541.8	64.76	18752.9	117650	109.163 ng/ml
Sertraline	5.755	314348	841698.1	98.74	83986.8	128260	96.130 ng/ml
Temazepam	5.781	1053488	9432.3	29.23	9701.8	451936	101.010 ng/ml
Tramadol	4.212	2081528	∞	3.34	4730.3	873109	100.451 ng/ml
Trazodone	5.015	1008406	22228.4	80.58	727724.3	451469	104.280 ng/ml
Venlafaxine	5.012	1406475	98255.5	46.99	26314.5	708210	92.792 ng/ml
Zolpidem	4.790	1978249	1247504.9	27.20	1235377.3	756881	100.378 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

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	1/23/2023 3:07:32 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.103	43288	∞	134.27	218496.6	42227	25.660 ng/ml
7-aminoclonazepam	4.216	368126	27308.5	117.81	4082.2	83917	255.731 ng/ml
a-hydroxyalprazolam	5.660	81897	∞	63.75	2516.8	135380	238.488 ng/ml
alpha-PHP	4.895	813620	51179.2	253.88	194973.4	378981	252.454 ng/ml
alpha-PVP	4.326	2601876	375001.8	54.45	113095.5	378981	248.333 ng/ml
Alprazolam	5.739	1127395	2465.7	91.73	∞	151117	248.618 ng/ml
Amphetamine	2.990	1671932	51713.6	255.29	98293.3	213043	251.600 ng/ml
Benzoylcegonine	3.838	59170	42020.3	42.52	1478.8	7846	264.443 ng/ml
Buprenorphine	5.627	71107	4366.3	14.95	4942.8	47679	24.836 ng/ml
Bupropion	4.746	2310162	407644.1	73.22	81101.1	286312	248.104 ng/ml
Carisoprodol	5.695	626511	9857135.0	61.71	9871.7	74920	240.829 ng/ml
Chlorpheniramine	5.084	4377523	117934.6	0.36	9243.8	648096	253.477 ng/ml
Citalopram	5.206	1740328	92046.5	37.67	101016.9	249377	264.093 ng/ml
Clonazepam	5.577	757044	15975.7	32.90	6406516842 58548.0	55899	262.793 ng/ml
Clonazepam	5.529	634018	1773370.5	37.61	28203.9	55899	257.429 ng/ml
Cocaine	4.236	1810298	222799.3	49.12	∞	569290	249.871 ng/ml
Cyclobenzaprine	5.606	2294842	354682.4	8.77	∞	258948	256.199 ng/ml
Dextromethorphan	5.239	1406625	1104181.5	72.81	75425.4	249002	258.904 ng/ml
Dextrorphan	4.100	1657799	345983.7	45.03	336686.6	308646	248.141 ng/ml
Diazepam	5.917	832730	8511.2	85.01	∞	143041	250.772 ng/ml
Diphenhydramine	5.271	6244192	137766.2	32.03	152487.5	1078536	251.062 ng/ml
Doxylamine	4.497	5948661	482166.7	96.41	295873.3	766473	254.816 ng/ml
Duloxetine	5.631	192169	1386.9	11.34	393.9	22098	243.138 ng/ml
EDDP	5.234	1878211	98260.1	42.30	94327.4	346544	245.850 ng/ml
Etizolam	5.779	123164	824045.2	392.38	∞	143041	246.129 ng/ml
Fentanyl	5.046	221313	4359.1	124.20	291790.6	388302	24.889 ng/ml
Flualprazolam	5.671	439076	3252.1	96.62	∞	151117	243.839 ng/ml
Fluorofentanyl	5.102	186500	9704.4	120.95	2451.7	3981	25.174 ng/ml
Fluoxetine	5.693	1369500	43356.7	6.45	49258.5	164185	249.519 ng/ml
Hydrocodone	2.966	868060	3141.9	38.80	34091.2	181037	250.215 ng/ml
Hydromorphone	1.547	305826	888.0	71.54	408.3	32215	280.769 ng/ml
Hydroxyzine	5.670	1108599	66017.7	117.60	427478.6	629371	256.508 ng/ml

AM #28 Multi-Drug Quant. Results

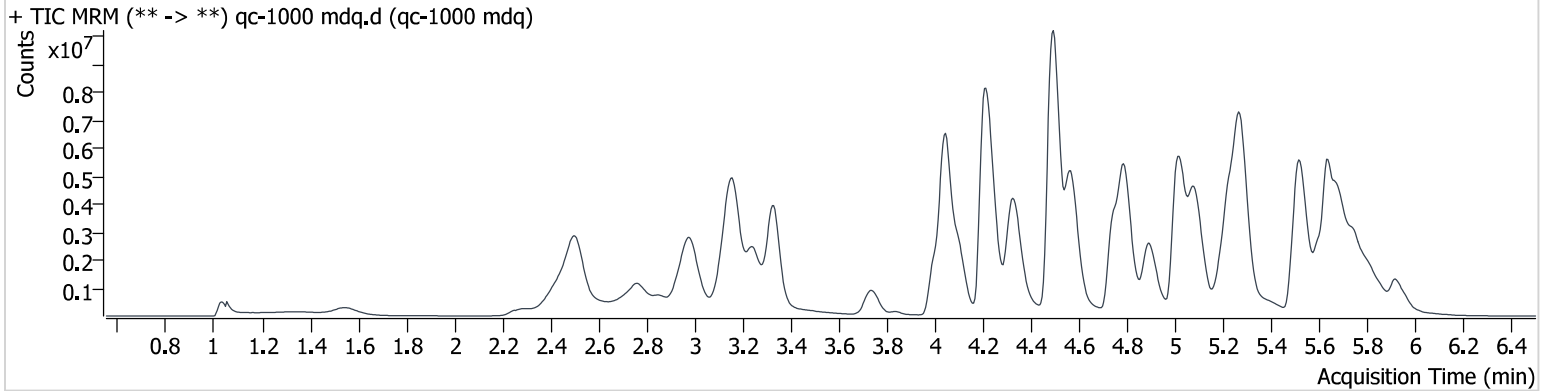
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Ketamine	4.004	1752318	617191.2	37.39	27677.3	307526	259.030 ng/ml
Lamotrigine	4.264	138762	161552.0	98.64	823992.7	246552	260.205 ng/ml
Lorazepam	5.713	346323	40189.8	51.04	1901.7	135380	230.963 ng/ml
MDA	3.152	2128799	12266.0	29.90	32636.7	246552	264.334 ng/ml
MDMA	3.248	1593795	81083.2	112.17	∞	63647	258.009 ng/ml
Meprobamate	4.870	705871	6321.1	31.49	23788.2	97259	259.432 ng/ml
Methadone	5.635	3750321	127629.9	51.79	99846.7	515287	252.210 ng/ml
Methamphetamine	3.163	3493516	435531.5	38.84	2711303.7	628062	259.494 ng/ml
Metoprolol	4.293	384352	82780.0	97.09	∞	246552	256.533 ng/ml
Mirtazapine	4.569	3782508	330070.9	48.72	279525.4	63647	248.645 ng/ml
Mitragynine	5.179	693175	408680.2	31.84	289825.0	724633	258.767 ng/ml
Norbuprenorphine	4.968	11228	1133517.8	101.62	∞	7799	24.297 ng/ml
Nordiazepam	5.860	680079	32033.3	60.01	13000.7	88540	251.317 ng/ml
Norfentanyl	4.056	36004	1918.5	274.22	7946.1	399161	24.338 ng/ml
Noroxycodone	2.864	607502	37106.9	50.00	∞	83329	243.582 ng/ml
O-desmethyl-tramadol	3.335	4191281	131608.5	6.42	82224.9	685979	252.487 ng/ml
O-Desmethylvenlafaxine	4.043	1102729	7680.0	242.39	42406.8	148887	254.516 ng/ml
Olanzapine	4.337	1158213	3703.2	45.81	2384.4	108677	262.171 ng/ml
Oxazepam	5.720	771981	1362837.0	69.38	7163.2	135380	252.143 ng/ml
Oxycodone	2.772	1664685	∞	31.44	197358.5	207352	247.533 ng/ml
Phentermine	3.745	735483	9144.9	10.16	∞	341023	249.479 ng/ml
Promethazine	5.521	3610526	108993.3	37.42	25293.9	629371	260.446 ng/ml
Pseudoephedrine	2.516	4482465	59919.5	17.59	317129.6	724633	250.704 ng/ml
Quetiapine	5.497	1675444	446728.7	62.98	31968.1	101767	272.620 ng/ml
Sertraline	5.755	606532	1006561.7	98.75	1527264.1	95977	247.667 ng/ml
Temazepam	5.787	1894120	33245.0	29.98	8614.8	324072	253.356 ng/ml
Tramadol	4.215	4337505	∞	3.36	3219.9	758109	241.573 ng/ml
Trazodone	5.015	2096092	254322.0	77.84	33119.4	389168	252.388 ng/ml
Venlafaxine	5.012	3033577	∞	46.77	24040.1	596455	236.930 ng/ml
Zolpidem	4.790	4340619	327406.7	26.90	221210.2	667440	250.353 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

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	1/23/2023 3:16:26 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.092	130496	1050429.9	136.26	732156.9	33525	97.444 ng/ml
7-aminoclonazepam	4.211	704328	2520.3	118.72	458807.1	58510	702.773 ng/ml
a-hydroxyalprazolam	5.655	78715	409.0	70.68	328.7	24588	1260.486 ng/ml
alpha-PHP	4.895	2411493	95061.1	252.44	40151.8	257207	1100.942 ng/ml
alpha-PVP	4.328	7112799	2208265.9	54.28	262934.0	257207	999.722 ng/ml
Alprazolam	5.739	2248032	15156.3	96.19	4333.5	74215	1008.766 ng/ml
Amphetamine	2.985	3934007	270845.5	245.91	452978.5	166986	757.101 ng/ml
Benzoylcegonine	3.833	236527	3566010.8	43.93	3933.3	7770	1069.051 ng/ml
Buprenorphine	5.627	131210	4918.5	14.73	1889.6	21811	100.652 ng/ml
Bupropion	4.746	6846413	983066.1	68.92	700781.4	238074	885.603 ng/ml
Carisoprodol	5.700	775910	2103630.7	62.40	213968.3	23146	965.978 ng/ml
Chlorpheniramine	5.084	13948256	253243.4	0.35	20972.8	521461	1004.356 ng/ml
Citalopram	5.200	3762990	326578.3	39.31	3086551.6	139387	1021.915 ng/ml
Clonazepam	5.577	1133348	13096128.7	33.69	3649391.1	22526	975.938 ng/ml
Clonazepam	5.539	1040893	∞	39.58	∞	22526	1046.175 ng/ml
Cocaine	4.236	4634267	440910.7	48.73	170656.3	360917	1009.022 ng/ml
Cyclobenzaprine	5.600	5258129	114249.1	8.99	6542.8	159972	950.709 ng/ml
Dextromethorphan	5.239	3034722	161121.3	73.37	420074.7	130514	1065.407 ng/ml
Dextropropoxyphene	4.100	4787609	1884244.6	45.44	268425.6	220971	999.494 ng/ml
Diazepam	5.922	2300399	∞	84.99	4132.2	100603	985.107 ng/ml
Diphenhydramine	5.276	16156689	2032270.2	30.77	∞	669101	1046.307 ng/ml
Doxylamine	4.492	19352920	∞	97.14	2689094.2	671799	946.200 ng/ml
Duloxetine	5.636	381584	500.5	11.66	6891.9	11613	915.080 ng/ml
EDDP	5.235	7492469	182055.5	41.47	114302.3	337196	1007.229 ng/ml
Etizolam	5.779	318245	∞	379.21	66951.1	100603	906.790 ng/ml
Fentanyl	5.046	549305	22020.7	129.33	305254.4	225150	106.471 ng/ml
Flualprazolam	5.676	660725	12264.4	94.08	1911.0	74215	747.942 ng/ml
Fluorofentanyl	5.102	532896	37568.2	118.77	8662.6	2582	110.632 ng/ml
Fluoxetine	5.701	3268292	∞	7.08	146667.6	97141	1006.160 ng/ml
Hydrocodone	2.956	2393521	∞	40.84	∞	125081	999.701 ng/ml
Hydromorphone	1.547	1142088	1166.4	76.34	928.2	33360	1013.367 ng/ml
Hydroxyzine	5.675	2893513	78100.8	118.03	4137.6	440775	956.703 ng/ml
Ketamine	3.999	4719135	1386894.9	35.59	38944.7	230707	931.253 ng/ml

AM #28 Multi-Drug Quant. Results

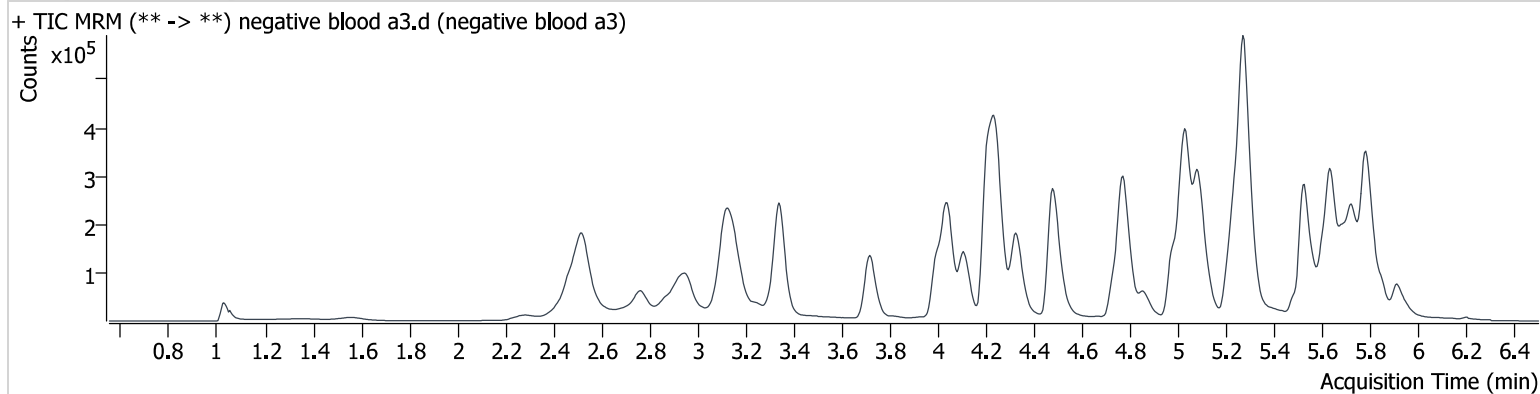
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.264	263243	15165.6	96.61	369179.4	128954	944.886 ng/ml
Lorazepam	5.713	245728	17171.0	49.05	2936.8	24588	907.095 ng/ml
MDA	3.132	3581818	79190.9	29.14	42410.2	128954	852.574 ng/ml
MDMA	3.243	4394074	457803.7	110.12	∞	45489	996.085 ng/ml
Meprobamate	4.865	1270505	339667.0	31.20	16545.5	61429	741.731 ng/ml
Methadone	5.635	10791294	471506.4	50.89	238608.6	386858	966.666 ng/ml
Methamphetamine	3.158	10732990	935381.9	38.23	84614.5	615997	823.245 ng/ml
Metoprolol	4.293	786819	1580037.8	97.32	∞	128954	1003.964 ng/ml
Mirtazapine	4.569	11347093	∞	48.25	849454.1	45489	1043.266 ng/ml
Mitragynine	5.173	1921483	5371319.1	34.65	483595.8	602397	865.769 ng/ml
Norbuprenorphine	4.968	44402	17352.6	99.08	189188.3	7582	99.492 ng/ml
Nordiazepam	5.866	1452516	∞	60.45	23512.6	43655	1088.979 ng/ml
Norfentanyl	4.056	88913	101312.8	277.06	8027.5	224906	106.396 ng/ml
Noroxycodone	2.854	1297547	∞	49.13	∞	41028	1057.507 ng/ml
O-desmethyl-tramadol	3.330	13912028	969666.4	6.08	113920.5	574544	1001.942 ng/ml
O-Desmethylvenlafaxine	4.043	3151813	1631.5	244.91	130233.6	109700	988.106 ng/ml
Olanzapine	4.337	3167821	9328.1	45.79	1869.3	79023	986.549 ng/ml
Oxazepam	5.720	553762	6407.2	71.24	∞	24588	996.223 ng/ml
Oxycodone	2.751	5082744	∞	30.98	∞	171674	914.659 ng/ml
Phentermine	3.740	1901913	∞	9.65	26083.9	285586	771.245 ng/ml
Promethazine	5.521	10887155	654511.7	35.19	143890.8	440775	1119.609 ng/ml
Pseudoephedrine	2.506	15173453	908554.8	17.13	84359.7	602397	1020.679 ng/ml
Quetiapine	5.492	4606669	1301408.2	60.61	4741547.5	78287	975.895 ng/ml
Sertraline	5.755	1267369	64205.6	96.22	1246203.1	49382	1005.413 ng/ml
Temazepam	5.807	2643263	409644.0	31.34	4884.0	108988	1051.487 ng/ml
Tramadol	4.210	11913501	∞	3.21	∞	543300	926.858 ng/ml
Trazodone	5.010	4762127	140003.8	78.15	80049.3	327453	682.592 ng/ml
Venlafaxine	5.012	9544321	582769.3	40.58	133918.7	441407	1005.797 ng/ml
Zolpidem	4.790	13040556	952480.8	27.54	295725.1	502358	1000.488 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

Instrument	69679	Data File	negative blood a3.d
Type	Sample	Sample	negative blood a3
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A3	Comment	
Injection Volume	3		
Acq. Date-Time	1/23/2023 3:43:10 PM		
Sample Info.			

Sample Chromatogram

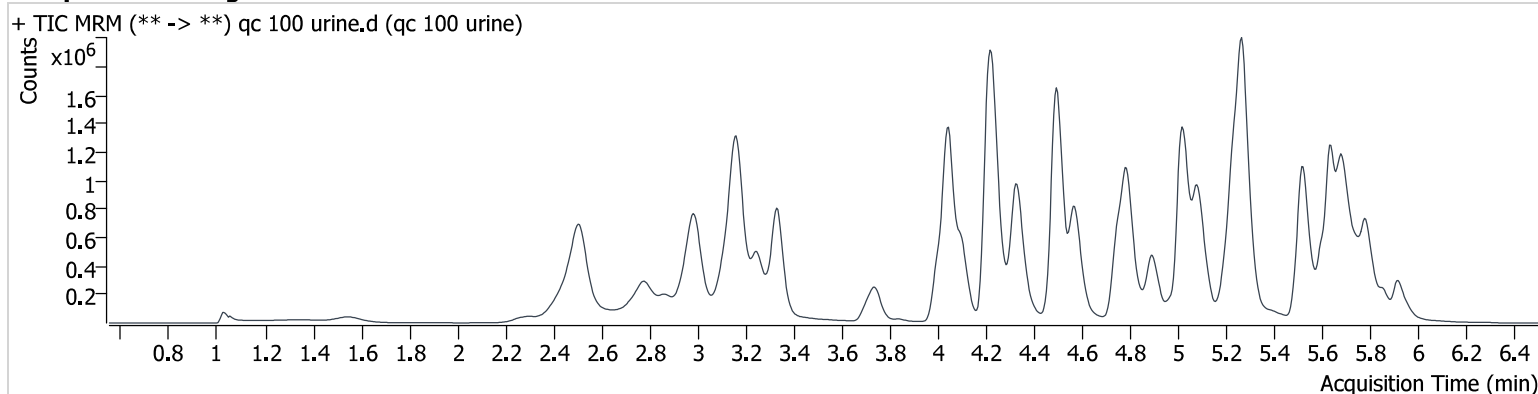


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

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	1/23/2023 3:34:16 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.103	20014	148324.9	135.05	36600.3	50717	9.876 ng/ml
7-aminoclonazepam	4.221	205742	10379.0	119.15	3885.9	111172	107.545 ng/ml
a-hydroxyalprazolam	5.660	42057	232.4	73.05	2964.1	101182	163.980 ng/ml
alpha-PHP	4.895	354633	6708.3	248.96	20747.4	435897	95.958 ng/ml
alpha-PVP	4.331	1160349	36733.3	55.66	22863.0	435897	96.401 ng/ml
Alprazolam	5.739	400306	∞	92.81	∞	132706	100.656 ng/ml
Amphetamine	2.990	902253	∞	256.40	97004.4	264865	108.699 ng/ml
Benzoylcegonine	3.838	31600	4105.2	42.99	780.5	10626	103.939 ng/ml
Buprenorphine	5.627	33077	4385.2	15.63	3630.3	56101	9.725 ng/ml
Bupropion	4.751	1019139	102756.2	74.03	8577.0	319130	97.881 ng/ml
Carisoprodol	5.690	276140	∞	63.63	12593.9	88626	89.610 ng/ml
Chlorpheniramine	5.084	1930443	25369.9	0.34	2610.2	720889	100.381 ng/ml
Citalopram	5.206	820284	141278.8	35.54	16679.4	304657	101.830 ng/ml
Clonazepam	5.582	265792	25056.3	34.85	10710.2	50576	102.053 ng/ml
Clonazepam	5.524	107372	29879.0	39.66	7335.8	50576	48.871 ng/ml
Cocaine	4.236	833763	312109.7	48.04	39356.1	650103	100.763 ng/ml
Cyclobenzaprine	5.600	957953	105646.2	8.57	∞	286029	96.710 ng/ml
Dextromethorphan	5.244	649884	53593.7	71.90	45158.9	285298	104.451 ng/ml
Dextrorphan	4.100	756824	66245.7	45.66	77878.9	354084	99.033 ng/ml
Diazepam	5.917	351458	6630.7	86.14	3998.3	151559	99.866 ng/ml
Diphenhydramine	5.271	2790437	109190.6	32.30	52971.9	1242463	97.551 ng/ml
Doxylamine	4.492	2702029	255468.3	95.08	68690.6	857527	103.372 ng/ml
Duloxetine	5.636	133790	3832.6	10.67	146.8	36220	104.029 ng/ml
EDDP	5.234	1256508	25109.7	41.85	47986.1	591830	96.441 ng/ml
Etizolam	5.779	49262	∞	395.39	∞	151559	92.320 ng/ml
Fentanyl	5.051	94547	1790.3	128.22	17972.8	439117	9.415 ng/ml
Flualprazolam	5.671	215804	∞	94.50	∞	132706	136.303 ng/ml
Fluorofentanyl	5.102	80394	2715.1	124.53	5754.5	4756	9.141 ng/ml
Fluoxetine	5.693	747656	192506.8	6.75	∞	226983	98.592 ng/ml
Hydrocodone	2.966	393134	∞	40.20	3058.1	222559	91.938 ng/ml
Hydromorphone	1.547	154926	246.5	67.48	197.5	44986	101.653 ng/ml
Hydroxyzine	5.670	484741	1735.7	116.43	2399.3	677420	104.044 ng/ml
Ketamine	4.004	787798	46208.5	37.10	4937.0	341931	104.417 ng/ml

AM #28 Multi-Drug Quant. Results

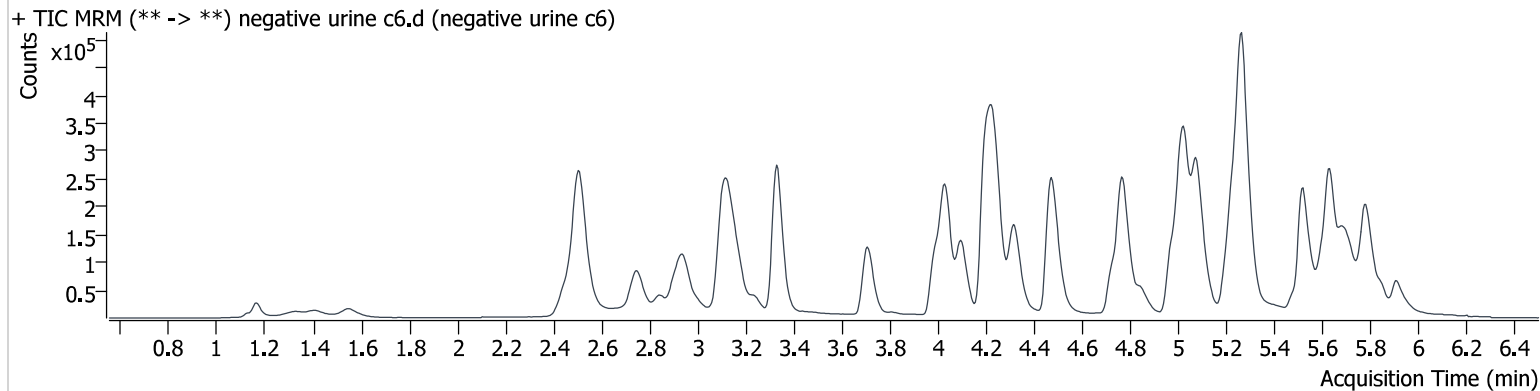
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.264	67370	3851.5	98.83	41862.0	309629	100.341 ng/ml
Lorazepam	5.707	106149	1059.5	44.77	15519.1	101182	93.740 ng/ml
MDA	3.152	1129307	98307.7	31.96	∞	309629	111.079 ng/ml
MDMA	3.248	781280	49708.9	108.44	21257.1	76932	104.467 ng/ml
Meprobamate	4.875	328248	6632.0	31.16	4038.3	113863	102.265 ng/ml
Methadone	5.635	1638375	245704.0	51.56	14466.8	571887	99.271 ng/ml
Methamphetamine	3.168	1992114	∞	39.23	∞	780764	116.392 ng/ml
Metoprolol	4.298	193686	26698.1	96.86	6325.9	309629	102.960 ng/ml
Mirtazapine	4.569	1646264	42989.2	49.43	128308.7	76932	89.609 ng/ml
Mitragynine	5.179	346131	22058.4	30.57	114134.1	973547	95.392 ng/ml
Norbuprenorphine	4.968	6533	2485.1	103.76	18771.8	10305	10.580 ng/ml
Nordiazepam	5.861	257282	7745.2	60.95	29847.3	82004	102.596 ng/ml
Norfentanyl	4.056	23997	8183.5	279.32	3539.3	686648	9.480 ng/ml
Noroxycodone	2.859	383655	11354.5	49.93	1995.1	127120	100.692 ng/ml
O-desmethyl-tramadol	3.335	1928613	50585.8	6.58	6785.7	807745	98.396 ng/ml
O-Desmethylvenlafaxine	4.043	517992	3012.0	246.73	6371.2	179719	98.877 ng/ml
Olanzapine	4.337	661898	6188.3	45.41	3186.2	164192	99.078 ng/ml
Oxazepam	5.715	209690	5814.5	67.66	508.6	101182	91.555 ng/ml
Oxycodone	2.772	844323	∞	31.50	11819.9	242701	106.883 ng/ml
Phentermine	3.745	358628	∞	10.51	1031.8	390419	106.016 ng/ml
Promethazine	5.521	1467242	31007.3	38.61	72075.2	677420	98.666 ng/ml
Pseudoephedrine	2.511	2355675	32743.0	17.56	12201.7	973547	98.101 ng/ml
Quetiapine	5.497	739219	93602.2	62.25	3491263.5	110891	110.038 ng/ml
Sertraline	5.755	200615	170744.4	98.75	3930.0	82233	95.687 ng/ml
Temazepam	5.781	632105	16529.3	30.12	1830.0	279226	98.093 ng/ml
Tramadol	4.212	2048790	∞	3.39	∞	869038	99.331 ng/ml
Trazodone	5.015	942176	31200.9	81.85	18242.1	424039	103.730 ng/ml
Venlafaxine	5.017	1397749	96767.2	45.69	2368.6	688319	94.871 ng/ml
Zolpidem	4.790	1896308	31395.1	27.75	36023.6	728984	99.901 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

Instrument	69679	Data File	negative urine c6.d
Type	Sample	Sample	negative urine c6
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-C6	Comment	
Injection Volume	3		
Acq. Date-Time	1/23/2023 6:41:27 PM		
Sample Info.			

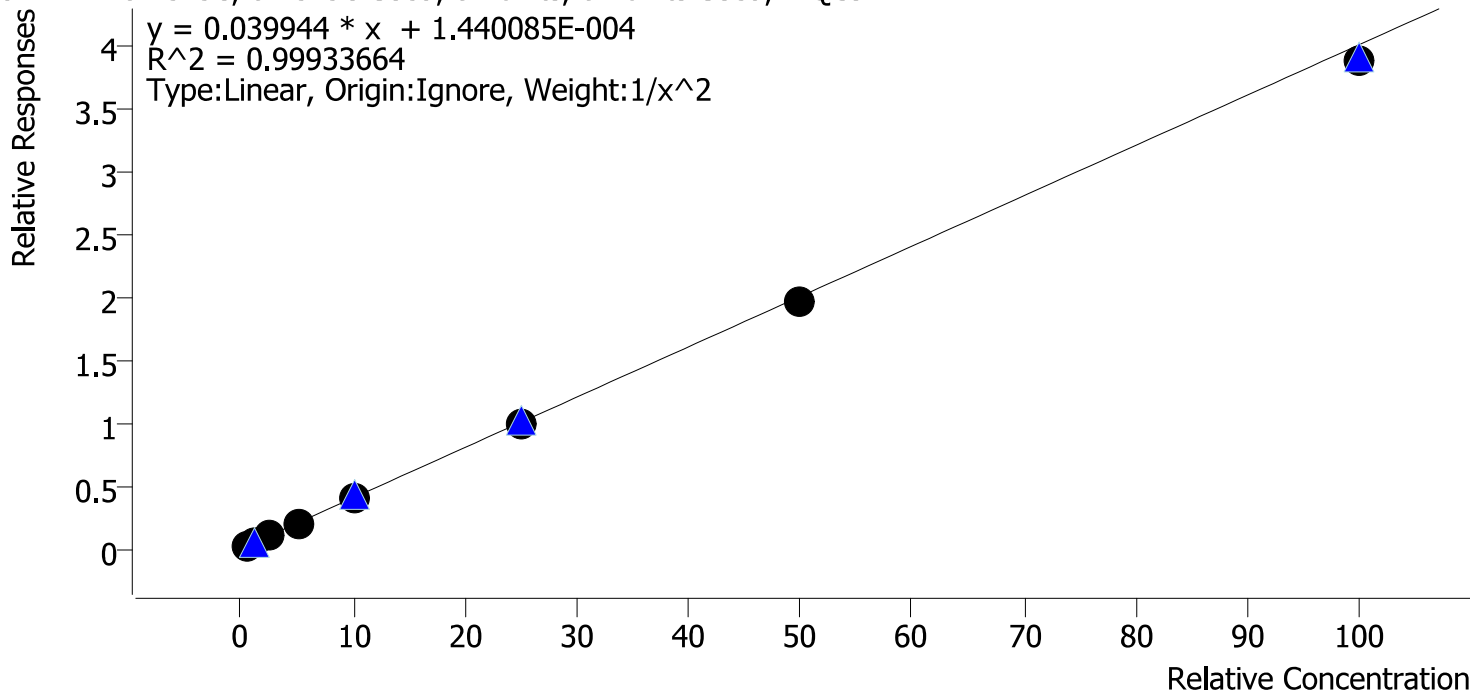
Sample Chromatogram



Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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

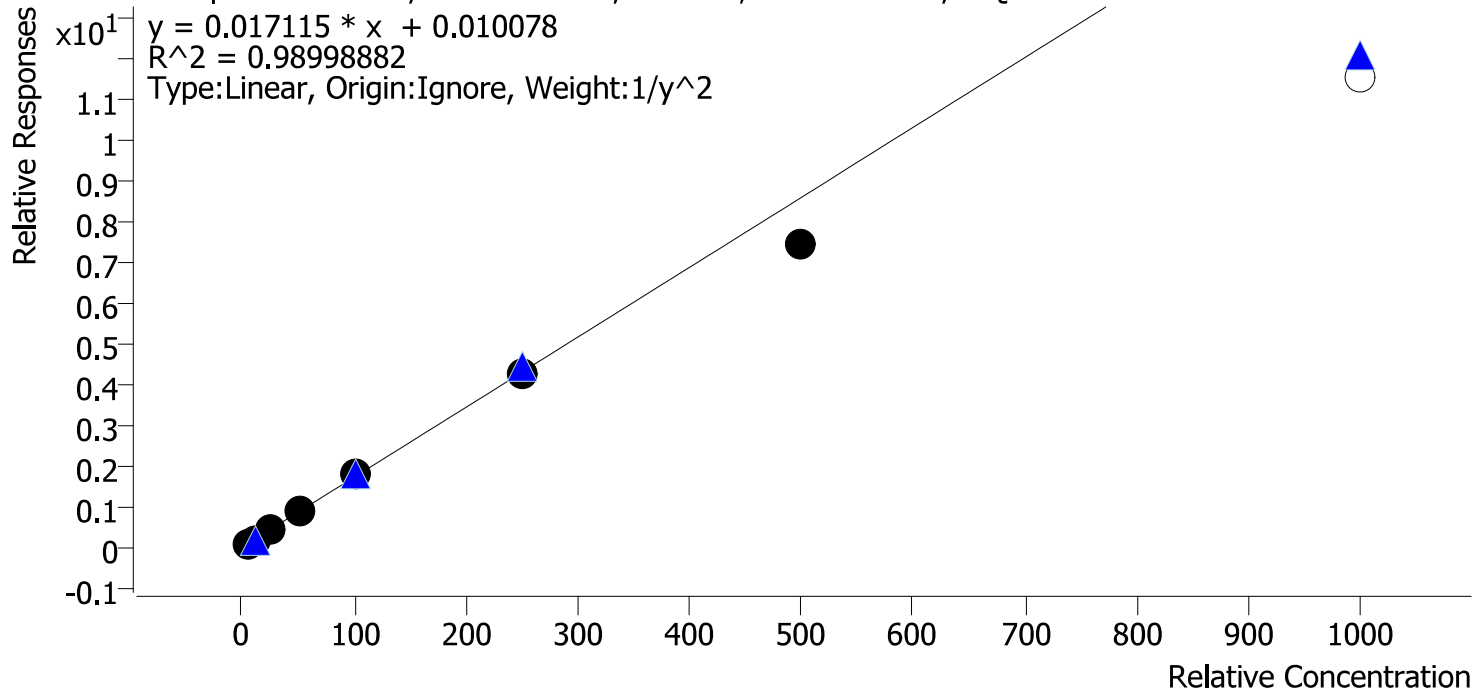


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	98.4
cal 2 mdq	2	✓	1.0	1.0	101.4
cal 3 mdq	3	✓	2.5	2.6	103.5
cal 4 mdq	4	✓	5.0	5.1	101.3
cal 5 mdq	5	✓	10.0	10.2	101.6
cal 6 mdq	6	✓	25.0	24.6	98.4
cal 7 mdq	7	✓	50.0	49.1	98.2
cal 8 mdq	8	✓	100.0	97.1	97.1

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
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

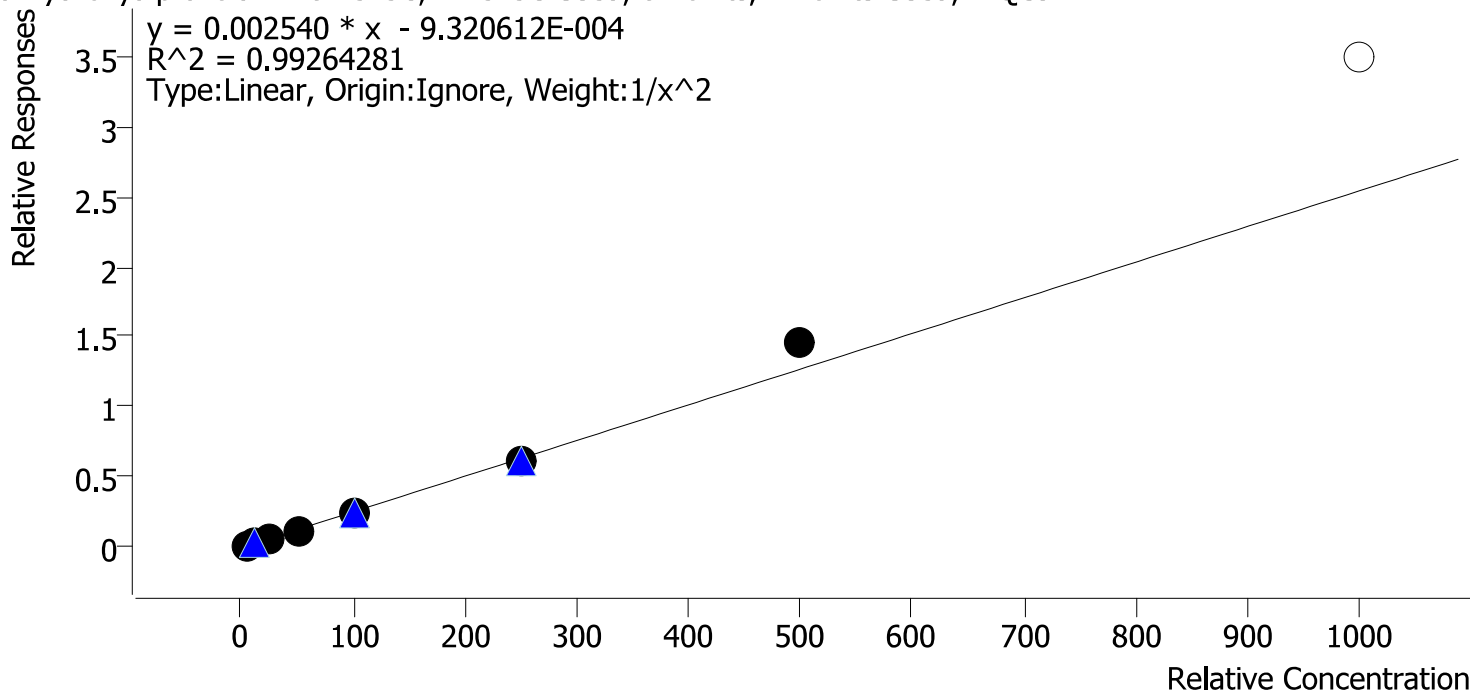


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.1
cal 2 mdq	2	✓	10.0	10.2	102.4
cal 3 mdq	3	✓	25.0	27.5	109.9
cal 4 mdq	4	✓	50.0	53.9	107.9
cal 5 mdq	5	✓	100.0	106.9	106.9
cal 6 mdq	6	✓	250.0	246.8	98.7
cal 7 mdq	7	✓	500.0	433.0	86.6
cal 8 mdq	8	×	1000.0	670.3	67.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Oxazepam-D5

a-hydroxyalprazolam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs

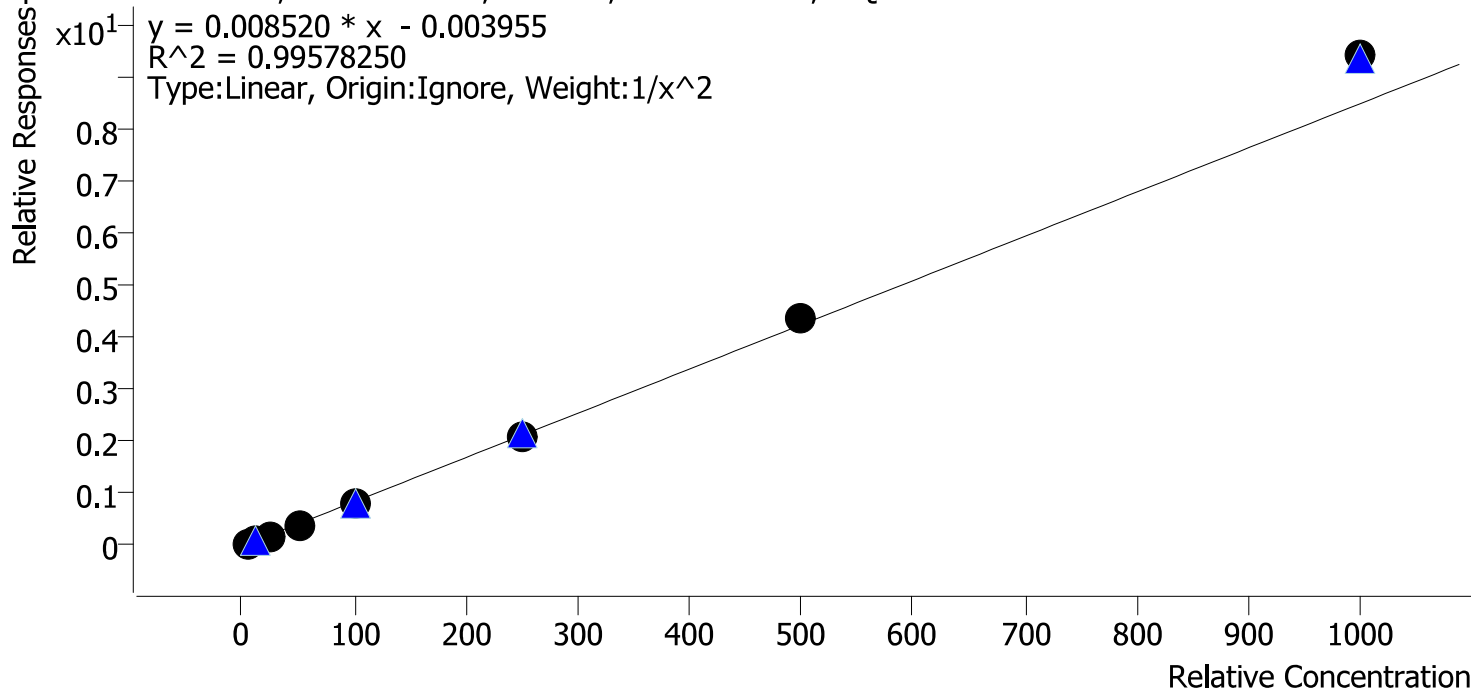


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.1
cal 2 mdq	2	✓	10.0	9.6	95.9
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	48.1	96.3
cal 5 mdq	5	✓	100.0	93.3	93.3
cal 6 mdq	6	✓	250.0	247.1	98.8
cal 7 mdq	7	✓	500.0	575.0	115.0
cal 8 mdq	8	×	1000.0	1373.8	137.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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

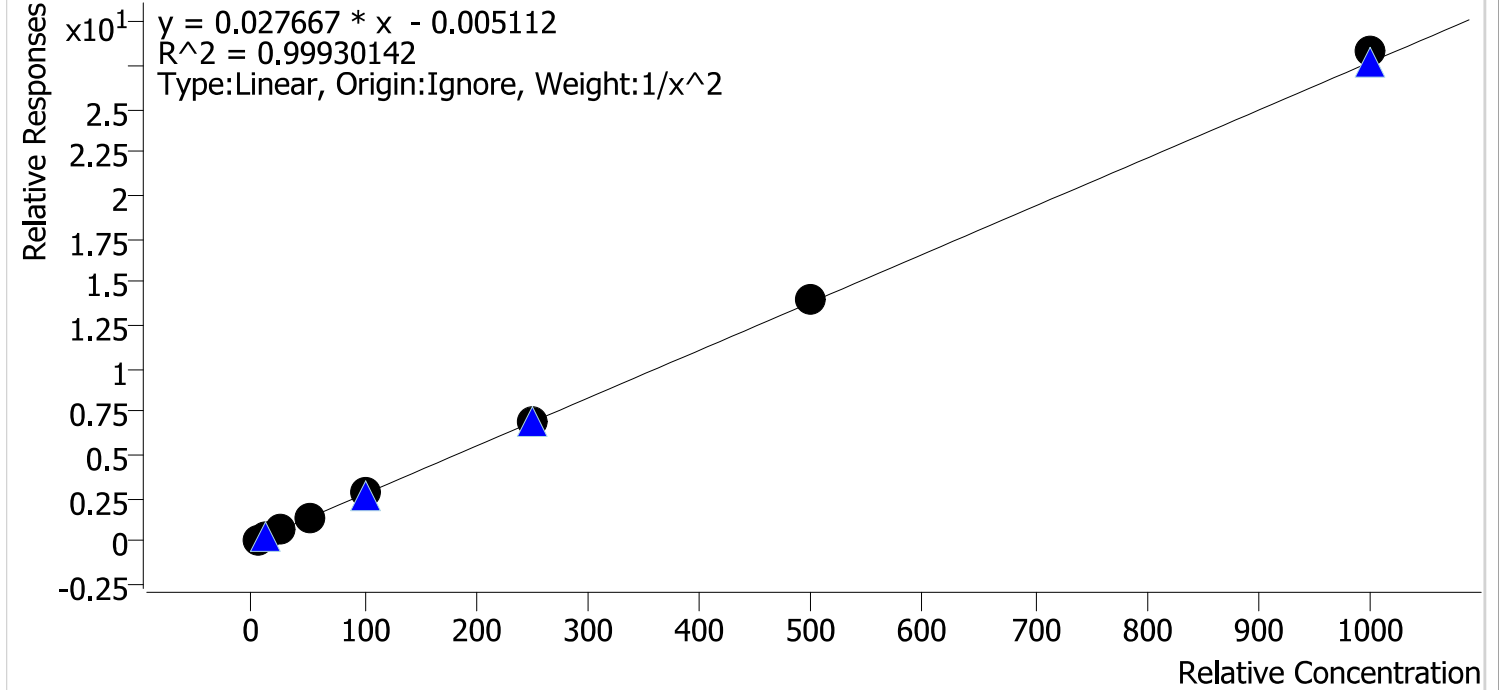


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdq	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	23.6	94.5
cal 4 mdq	4	✓	50.0	46.0	92.0
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	249.3	99.7
cal 7 mdq	7	✓	500.0	512.0	102.4
cal 8 mdq	8	✓	1000.0	1108.7	110.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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

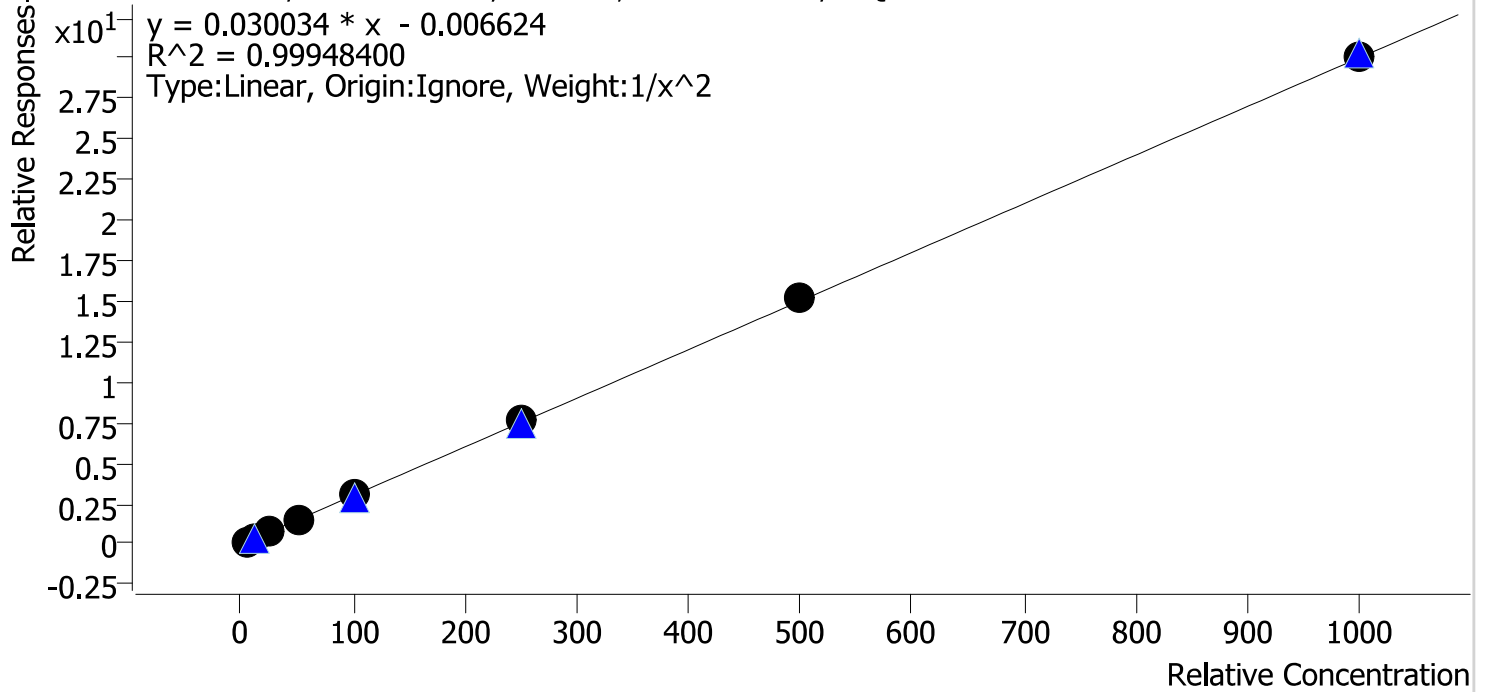


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	10.1	100.5
cal 3 mdq	3	✓	25.0	24.1	96.5
cal 4 mdq	4	✓	50.0	48.4	96.7
cal 5 mdq	5	✓	100.0	102.7	102.7
cal 6 mdq	6	✓	250.0	249.9	100.0
cal 7 mdq	7	✓	500.0	503.9	100.8
cal 8 mdq	8	✓	1000.0	1022.3	102.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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

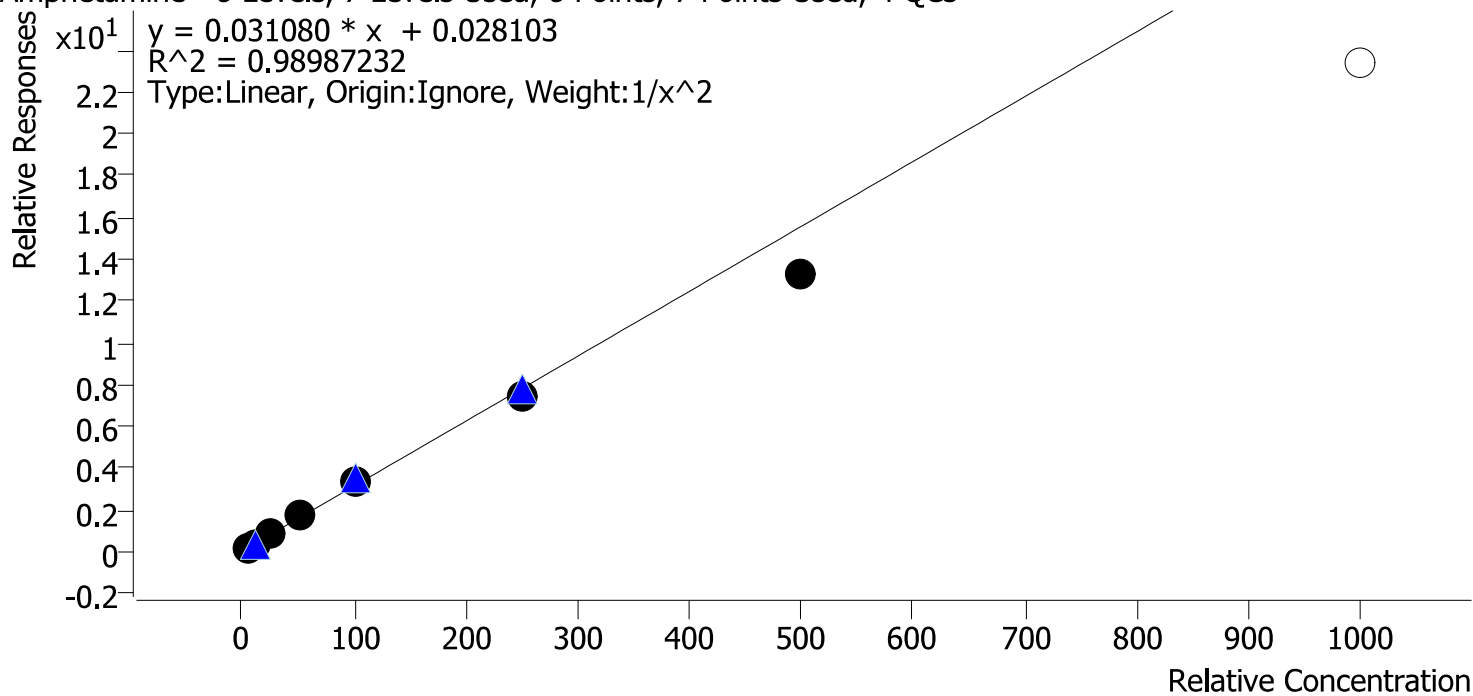


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	24.0	96.0
cal 4 mdq	4	✓	50.0	49.3	98.5
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdq	6	✓	250.0	256.3	102.5
cal 7 mdq	7	✓	500.0	504.3	100.9
cal 8 mdq	8	✓	1000.0	1004.2	100.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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

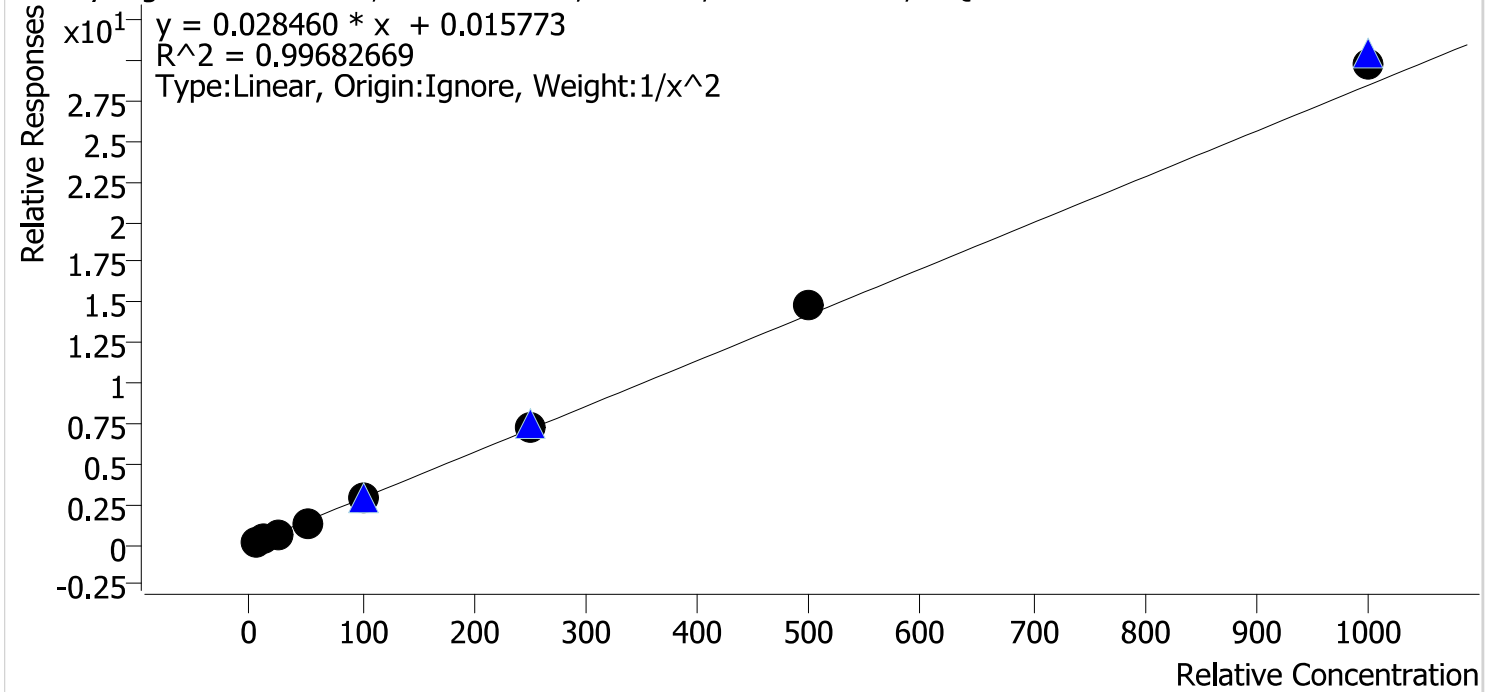


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.1
cal 2 mdq	2	✓	10.0	10.7	107.0
cal 3 mdq	3	✓	25.0	25.8	103.0
cal 4 mdq	4	✓	50.0	53.2	106.4
cal 5 mdq	5	✓	100.0	108.6	108.6
cal 6 mdq	6	✓	250.0	235.8	94.3
cal 7 mdq	7	✓	500.0	427.7	85.5
cal 8 mdq	8	×	1000.0	750.1	75.0

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Benzoylecgonine	Internal Standard	Benzoylecgonine-d8

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

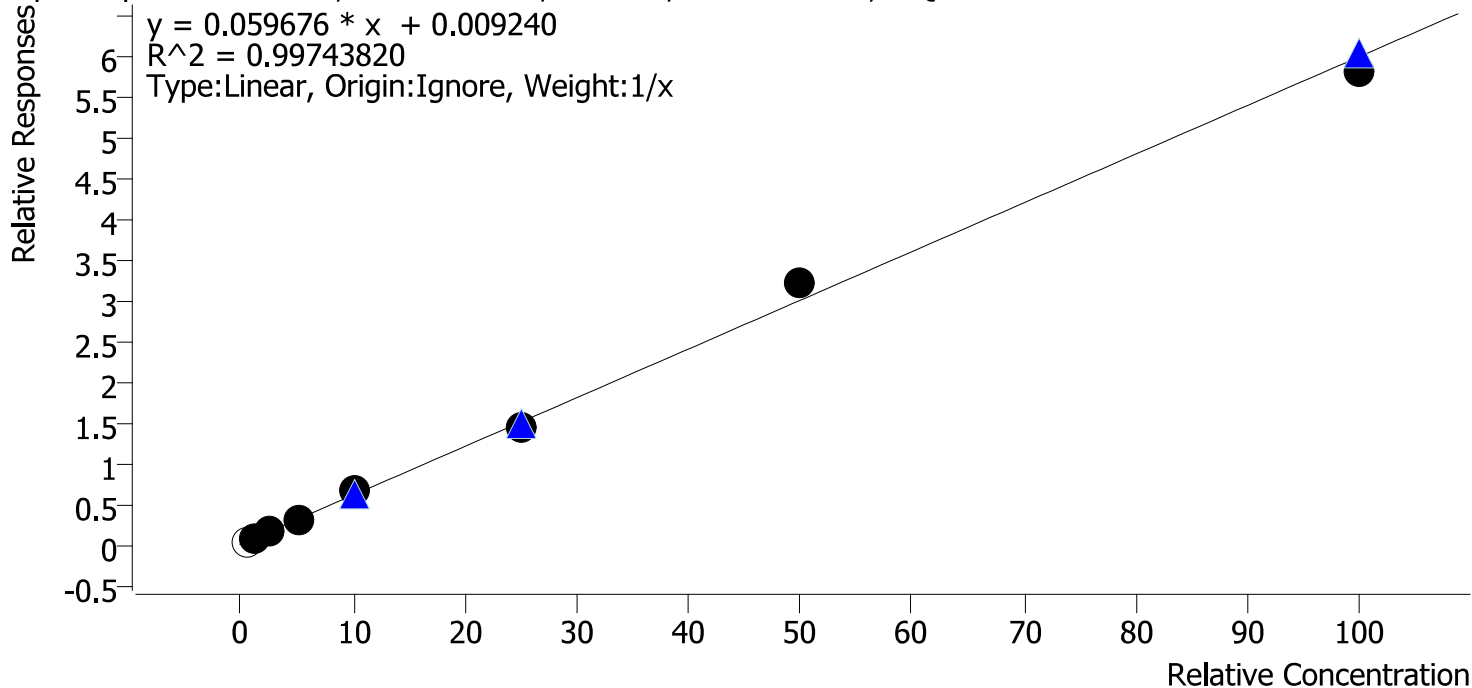


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.2
cal 2 mdq	2	✓	10.0	9.4	94.5
cal 3 mdq	3	✓	25.0	23.5	94.1
cal 4 mdq	4	✓	50.0	47.2	94.4
cal 5 mdq	5	✓	100.0	103.9	103.9
cal 6 mdq	6	✓	250.0	250.3	100.1
cal 7 mdq	7	✓	500.0	521.4	104.3
cal 8 mdq	8	✓	1000.0	1045.1	104.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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

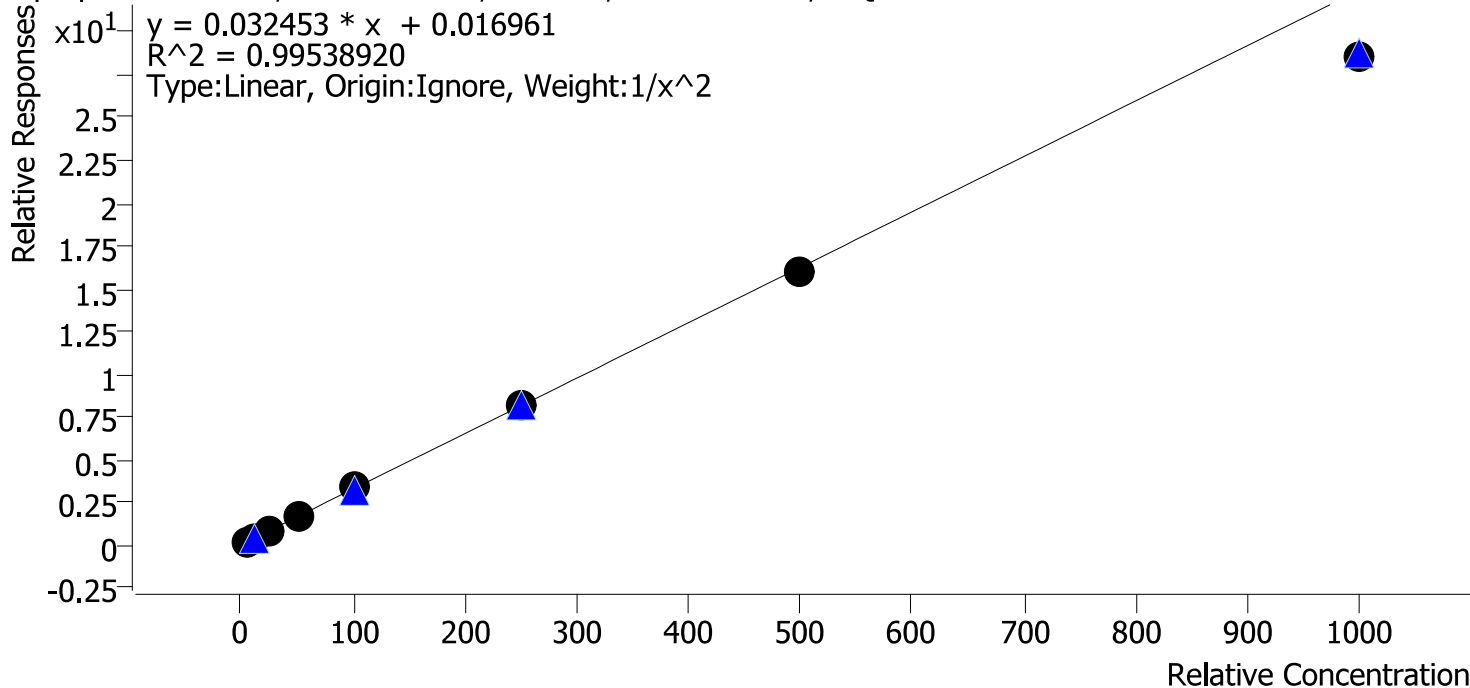


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	×	0.5	0.4	85.3
cal 2 mdq	2	✓	1.0	1.0	98.8
cal 3 mdq	3	✓	2.5	2.4	97.8
cal 4 mdq	4	✓	5.0	4.9	97.2
cal 5 mdq	5	✓	10.0	10.7	106.7
cal 6 mdq	6	✓	25.0	23.8	95.3
cal 7 mdq	7	✓	50.0	53.5	107.0
cal 8 mdq	8	✓	100.0	97.2	97.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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

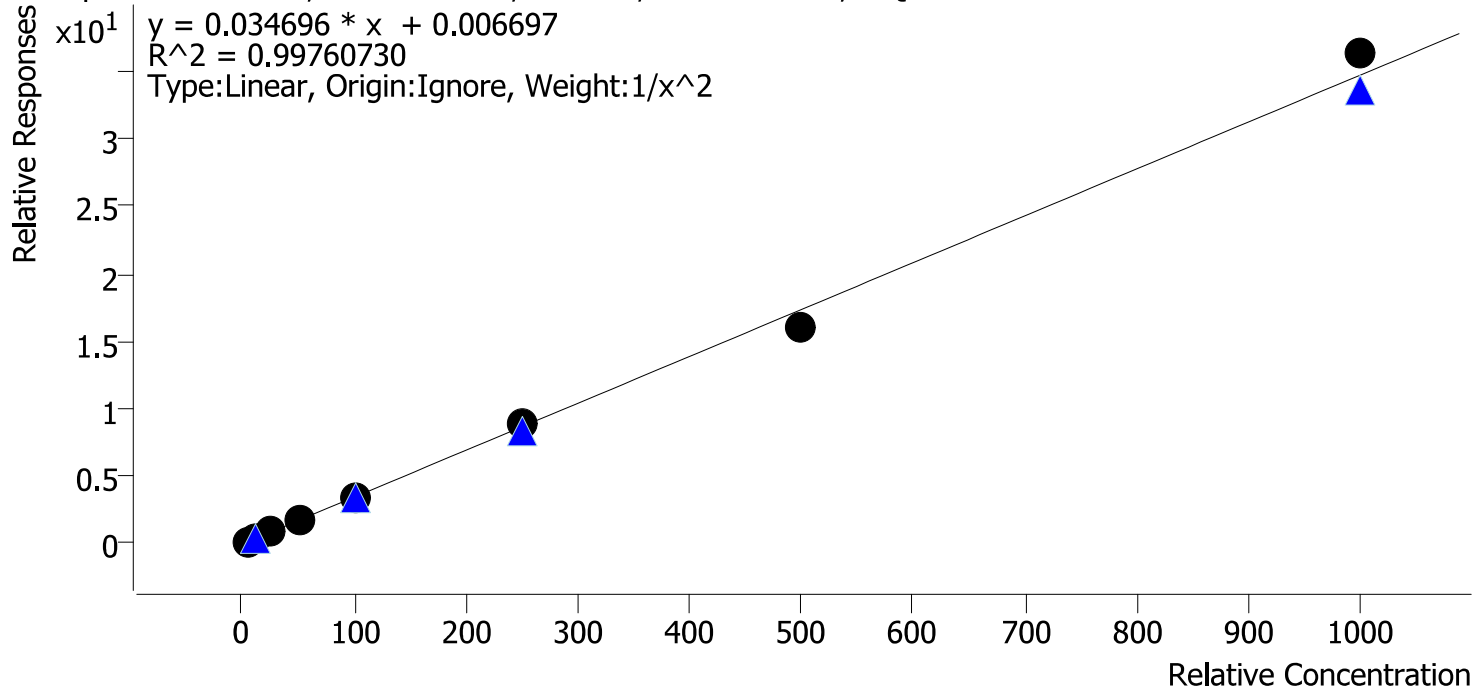


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.6
cal 2 mdq	2	✓	10.0	10.3	103.5
cal 3 mdq	3	✓	25.0	26.4	105.7
cal 4 mdq	4	✓	50.0	51.6	103.2
cal 5 mdq	5	✓	100.0	105.1	105.1
cal 6 mdq	6	✓	250.0	250.2	100.1
cal 7 mdq	7	✓	500.0	489.2	97.8
cal 8 mdq	8	✓	1000.0	879.1	87.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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

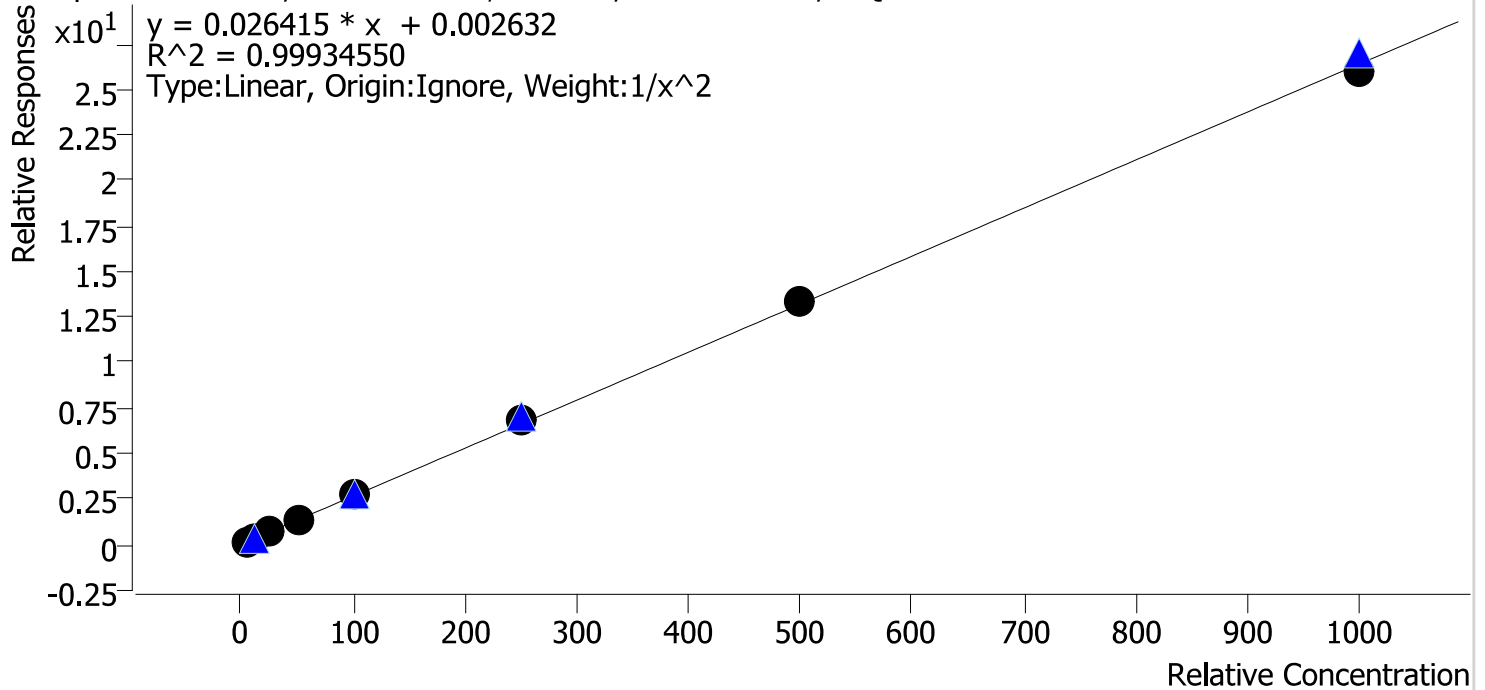


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.0
cal 2 mdq	2	✓	10.0	10.4	103.5
cal 3 mdq	3	✓	25.0	25.1	100.6
cal 4 mdq	4	✓	50.0	51.7	103.4
cal 5 mdq	5	✓	100.0	96.9	96.9
cal 6 mdq	6	✓	250.0	252.9	101.2
cal 7 mdq	7	✓	500.0	459.4	91.9
cal 8 mdq	8	✓	1000.0	1046.0	104.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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

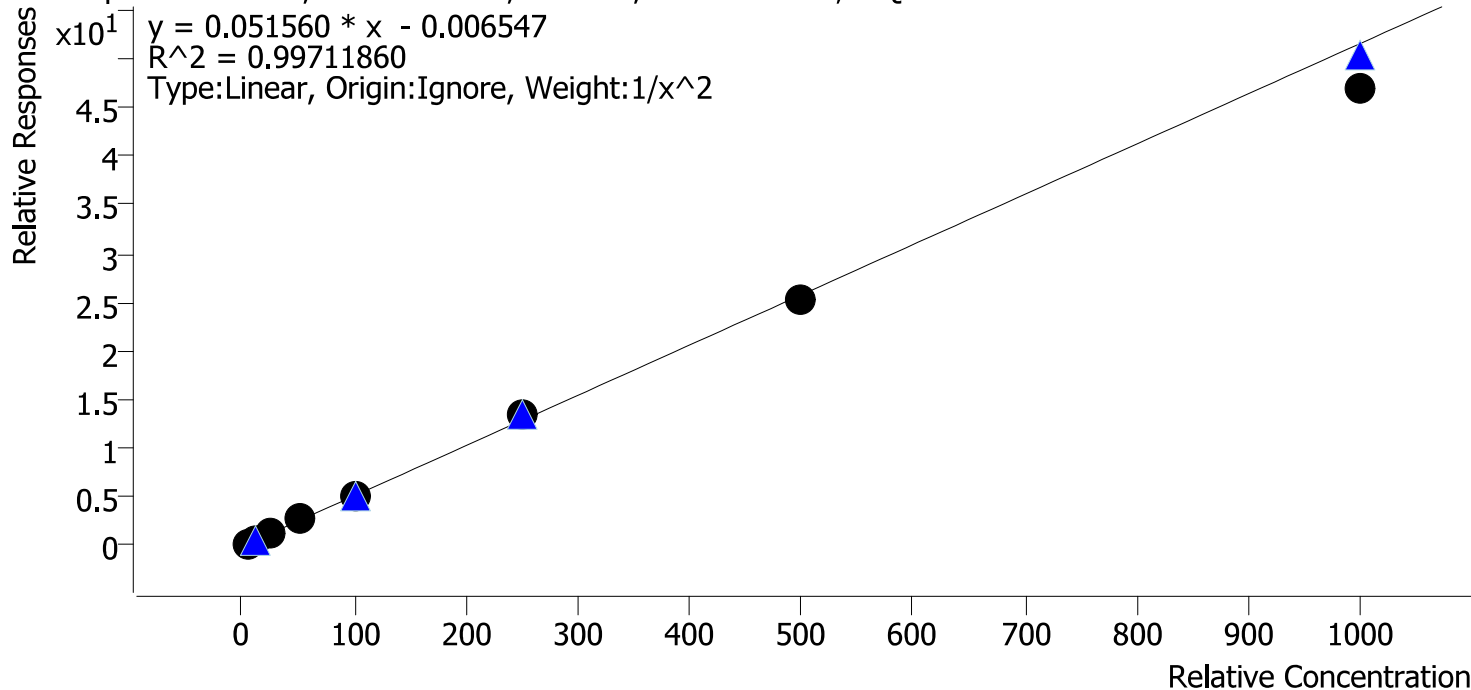


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.9
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	49.7	99.3
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdq	6	✓	250.0	255.0	102.0
cal 7 mdq	7	✓	500.0	505.2	101.0
cal 8 mdq	8	✓	1000.0	983.4	98.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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

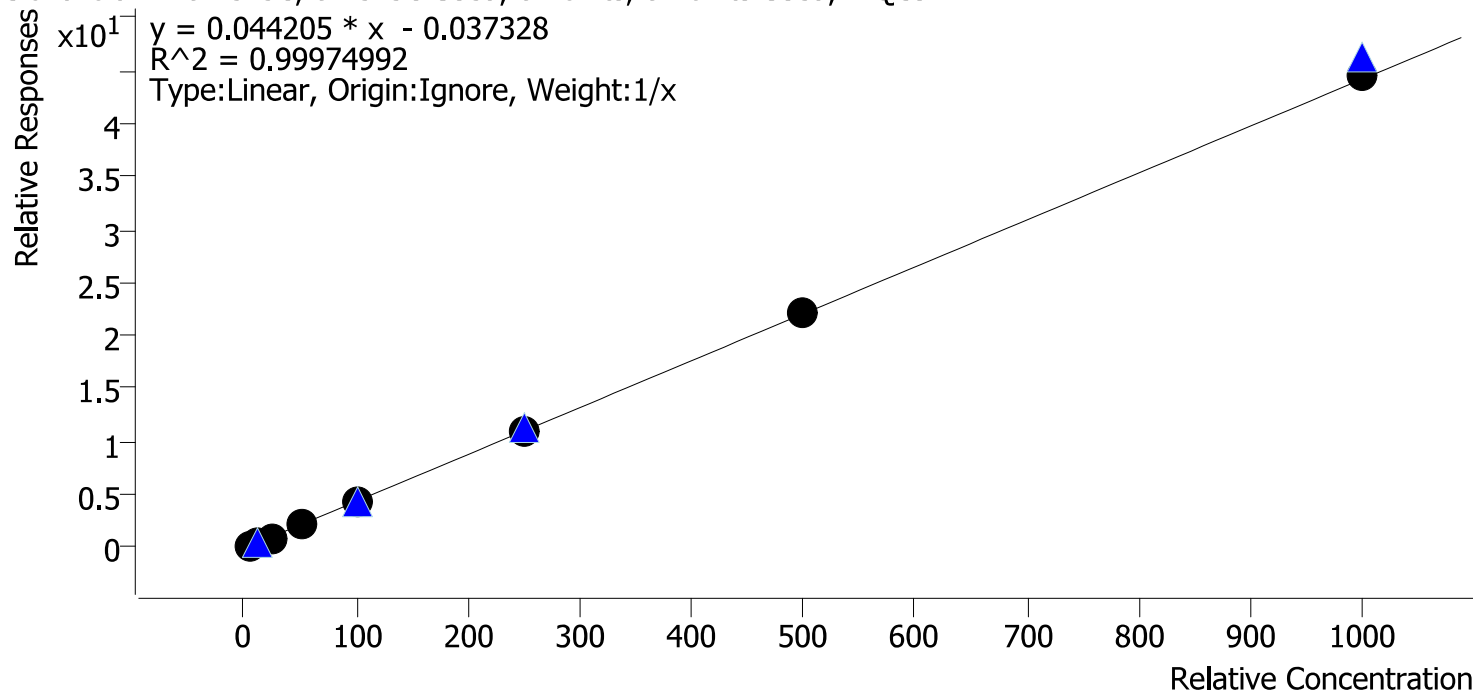


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.5
cal 2 mdq	2	✓	10.0	10.5	104.6
cal 3 mdq	3	✓	25.0	24.7	98.9
cal 4 mdq	4	✓	50.0	51.8	103.6
cal 5 mdq	5	✓	100.0	101.7	101.7
cal 6 mdq	6	✓	250.0	261.8	104.7
cal 7 mdq	7	✓	500.0	491.1	98.2
cal 8 mdq	8	✓	1000.0	908.9	90.9

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Clonazolam	Internal Standard	Clonazepam-D4

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

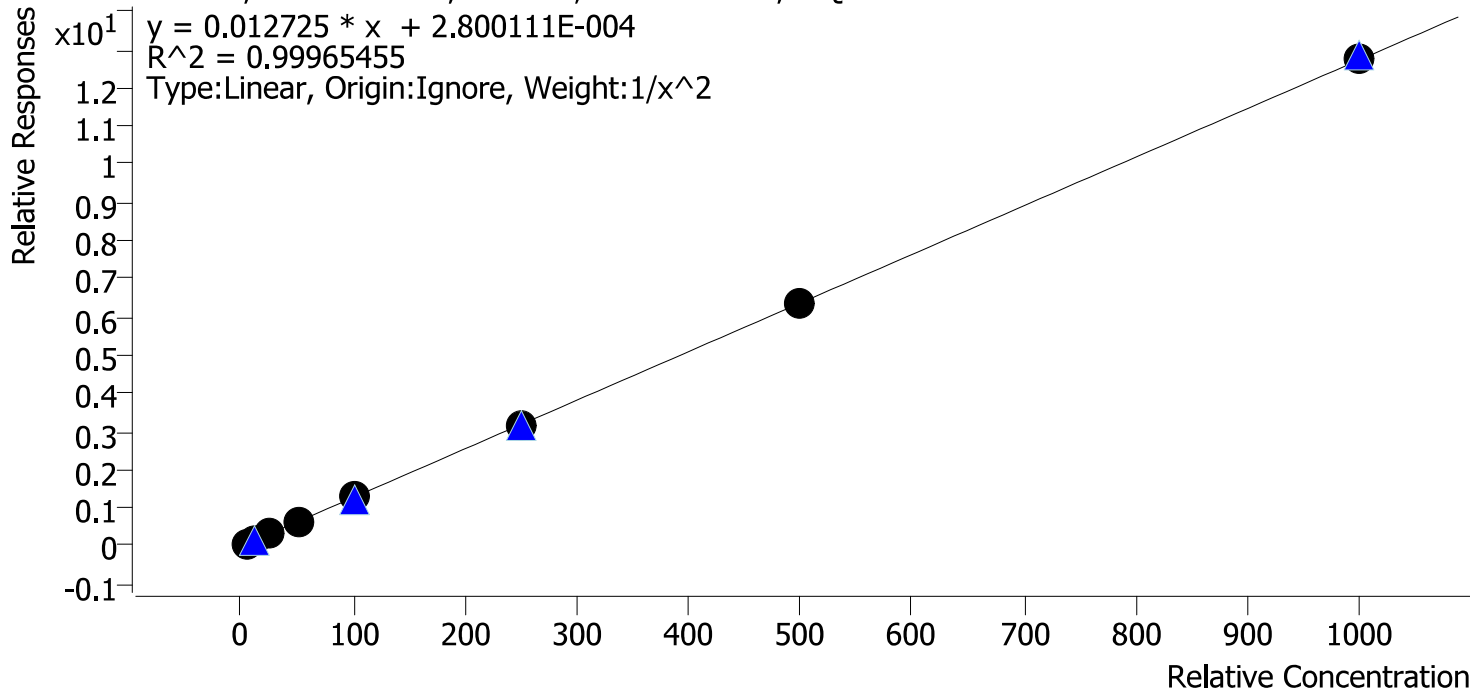


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.6	111.7
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	24.0	96.0
cal 4 mdq	4	✓	50.0	47.8	95.5
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	246.2	98.5
cal 7 mdq	7	✓	500.0	499.0	99.8
cal 8 mdq	8	✓	1000.0	1010.1	101.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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

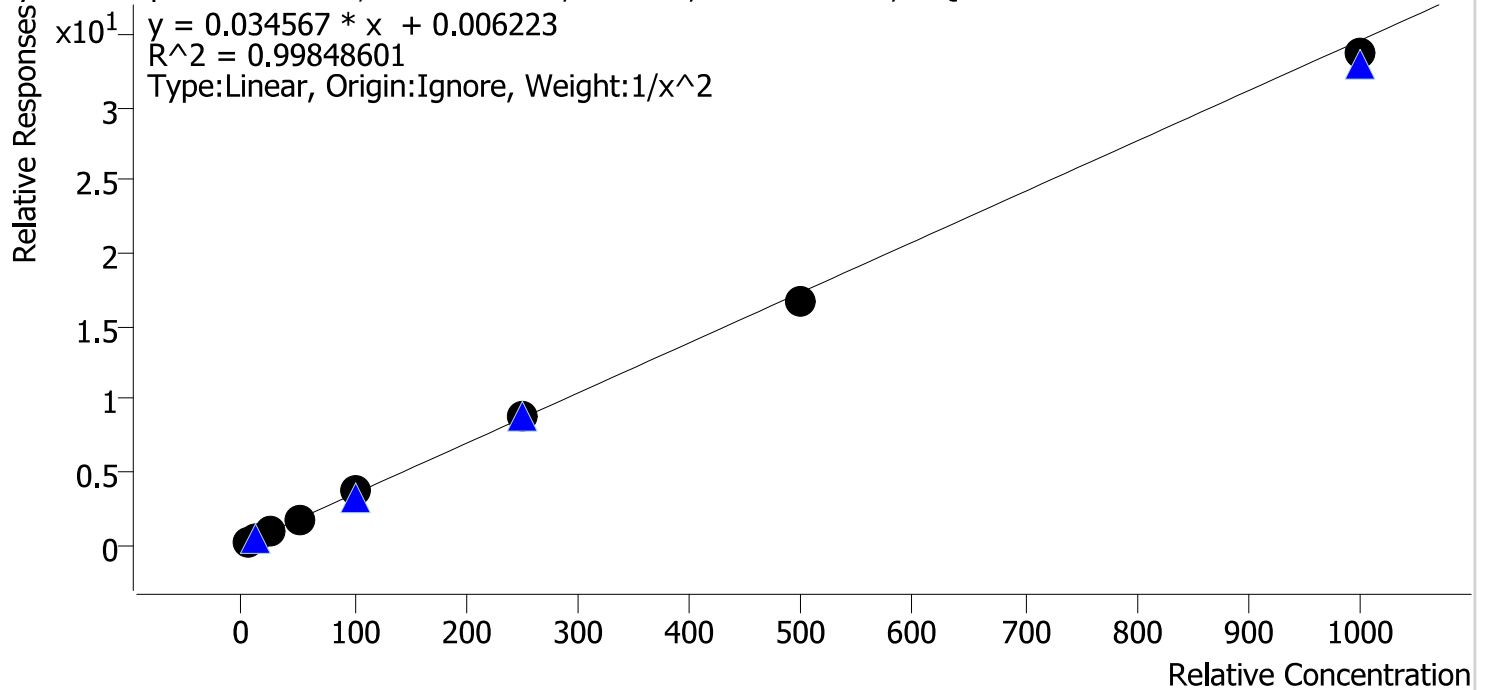


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.4
cal 2 mdq	2	✓	10.0	10.4	103.7
cal 3 mdq	3	✓	25.0	24.9	99.4
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	499.2	99.8
cal 8 mdq	8	✓	1000.0	1004.2	100.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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

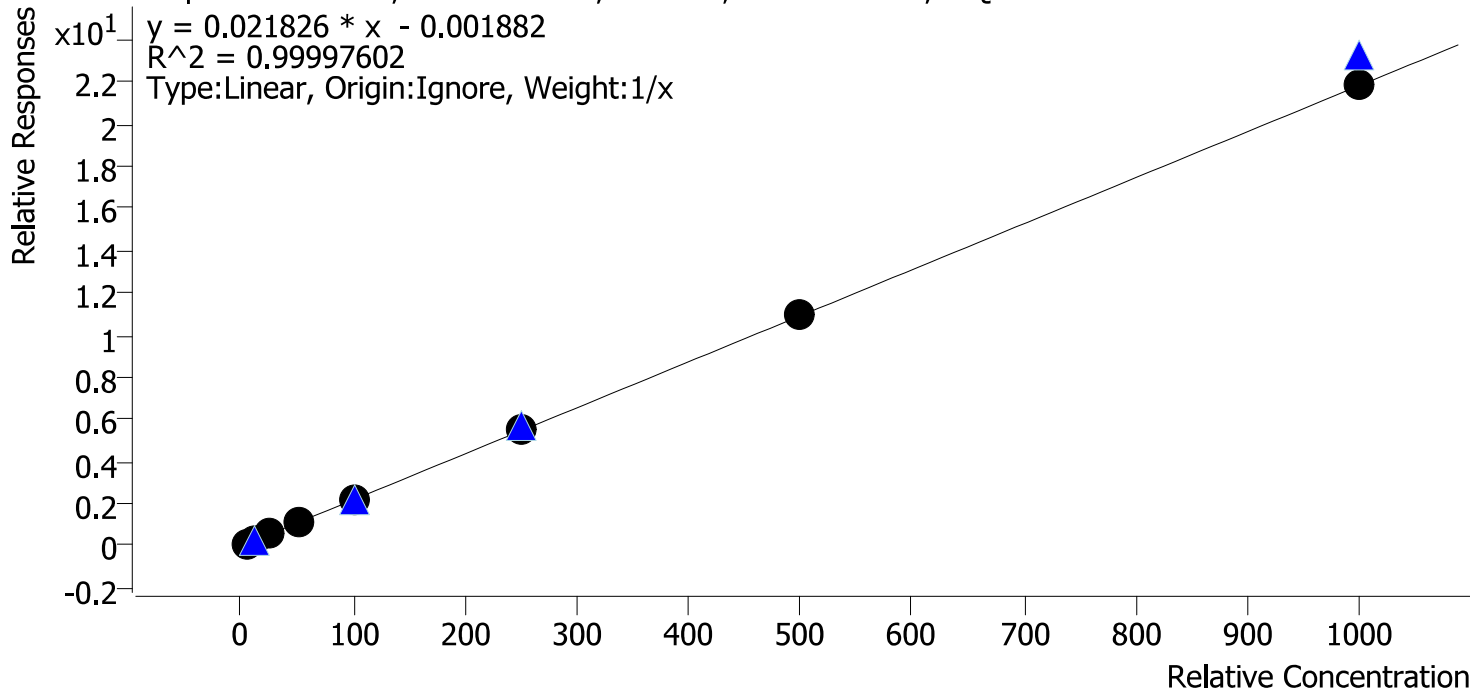


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.7	96.8
cal 3 mdq	3	✓	25.0	25.2	100.9
cal 4 mdq	4	✓	50.0	49.2	98.5
cal 5 mdq	5	✓	100.0	106.8	106.8
cal 6 mdq	6	✓	250.0	253.6	101.5
cal 7 mdq	7	✓	500.0	484.5	96.9
cal 8 mdq	8	✓	1000.0	973.7	97.4

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Dextromethorphan	Internal Standard	Dextromethorphan-D3

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

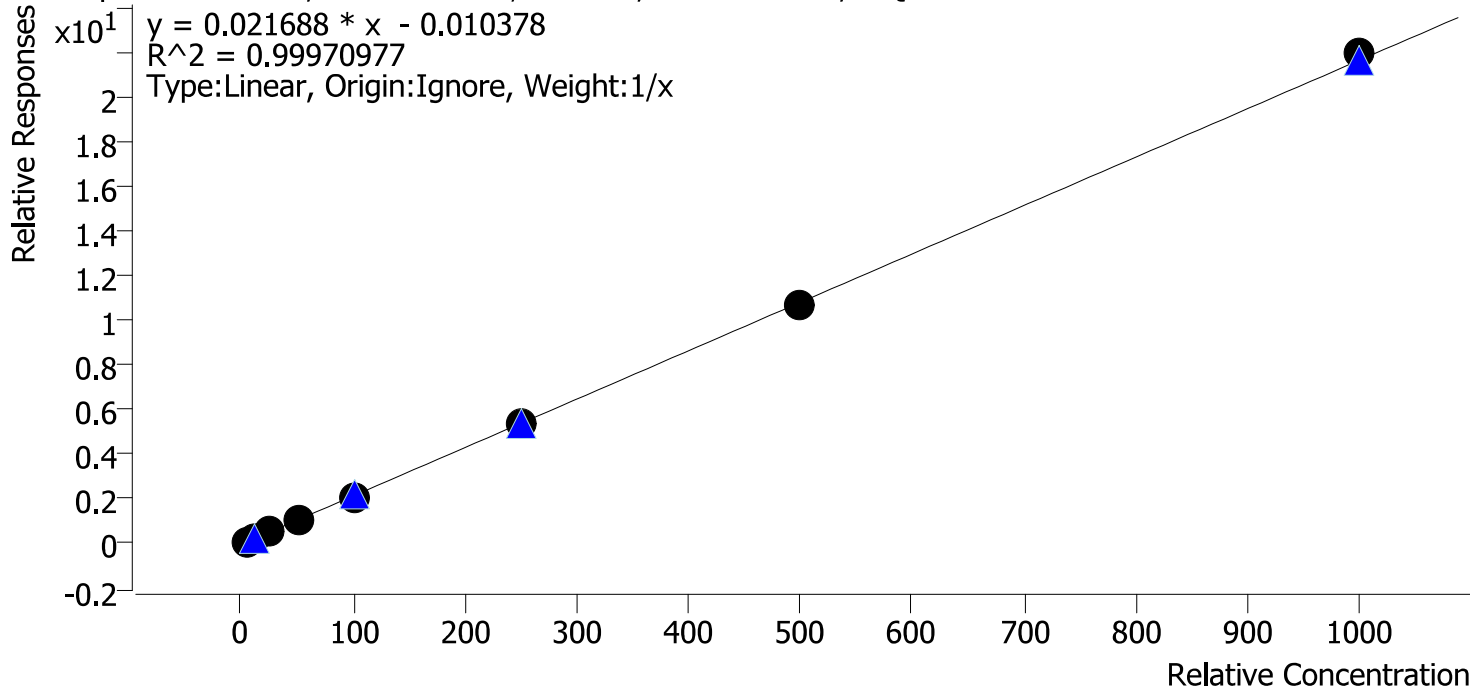


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.7
cal 2 mdq	2	✓	10.0	10.2	102.4
cal 3 mdq	3	✓	25.0	25.3	101.2
cal 4 mdq	4	✓	50.0	50.4	100.9
cal 5 mdq	5	✓	100.0	98.6	98.6
cal 6 mdq	6	✓	250.0	250.4	100.2
cal 7 mdq	7	✓	500.0	500.8	100.2
cal 8 mdq	8	✓	1000.0	999.4	99.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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

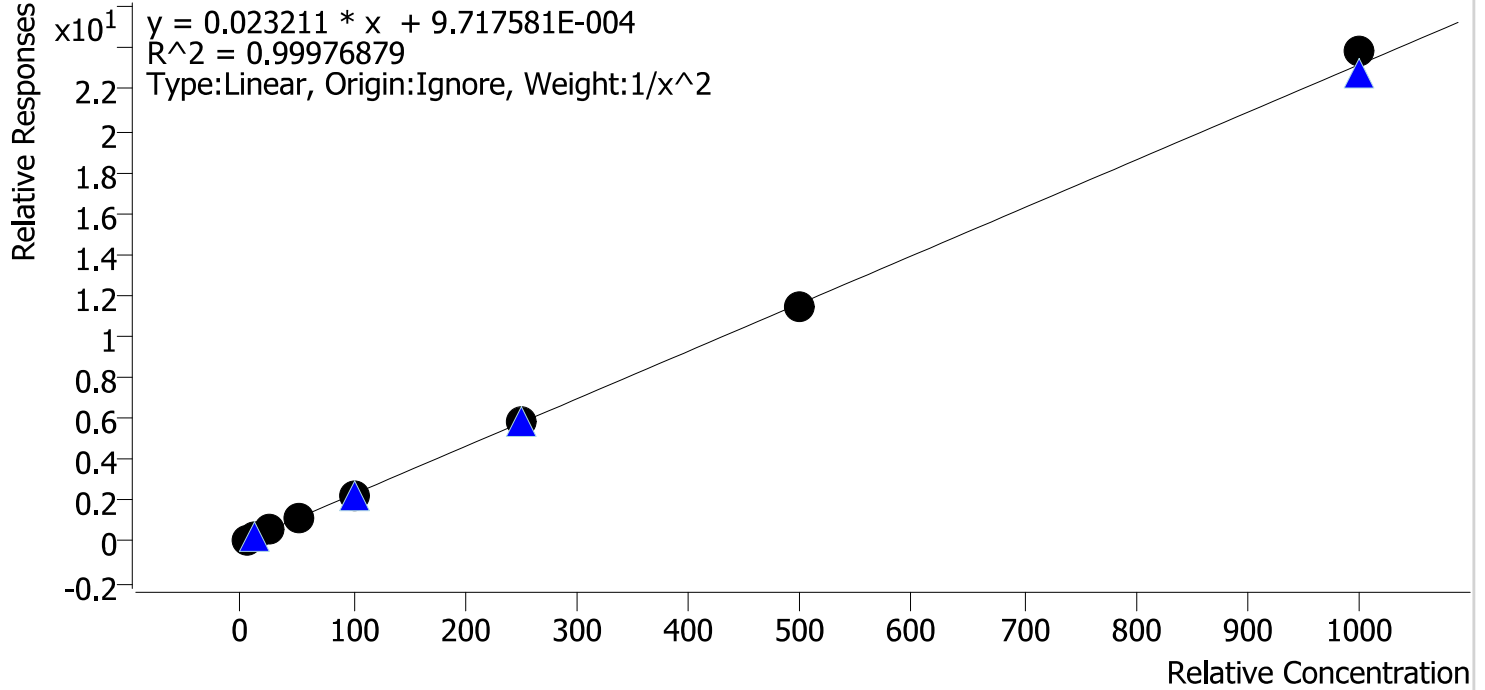


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.4	107.8
cal 2 mdq	2	✓	10.0	10.0	100.5
cal 3 mdq	3	✓	25.0	24.6	98.5
cal 4 mdq	4	✓	50.0	49.0	98.1
cal 5 mdq	5	✓	100.0	96.2	96.2
cal 6 mdq	6	✓	250.0	246.9	98.8
cal 7 mdq	7	✓	500.0	493.8	98.8
cal 8 mdq	8	✓	1000.0	1014.0	101.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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

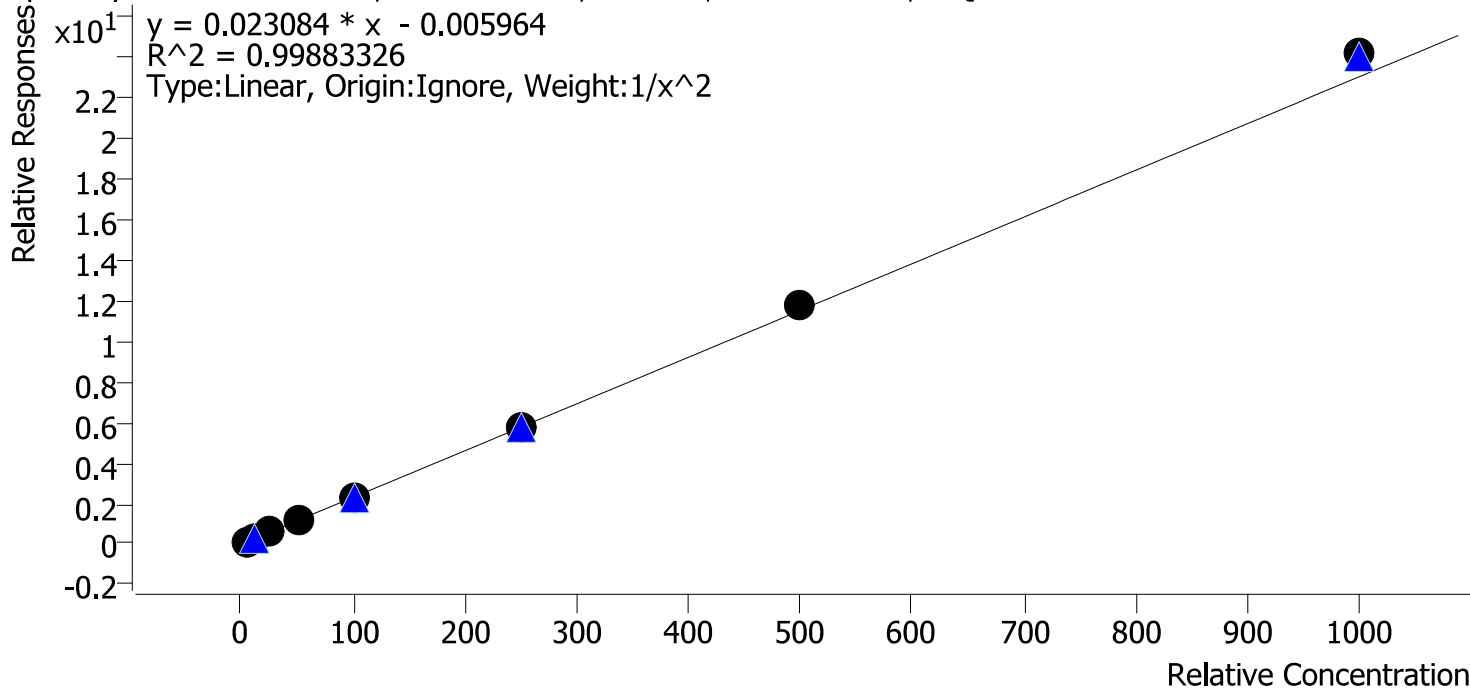


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	49.4	98.8
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	251.5	100.6
cal 7 mdq	7	✓	500.0	493.0	98.6
cal 8 mdq	8	✓	1000.0	1027.4	102.7

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Diphenhydramine	Internal Standard	Diphenhydramine-D3

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

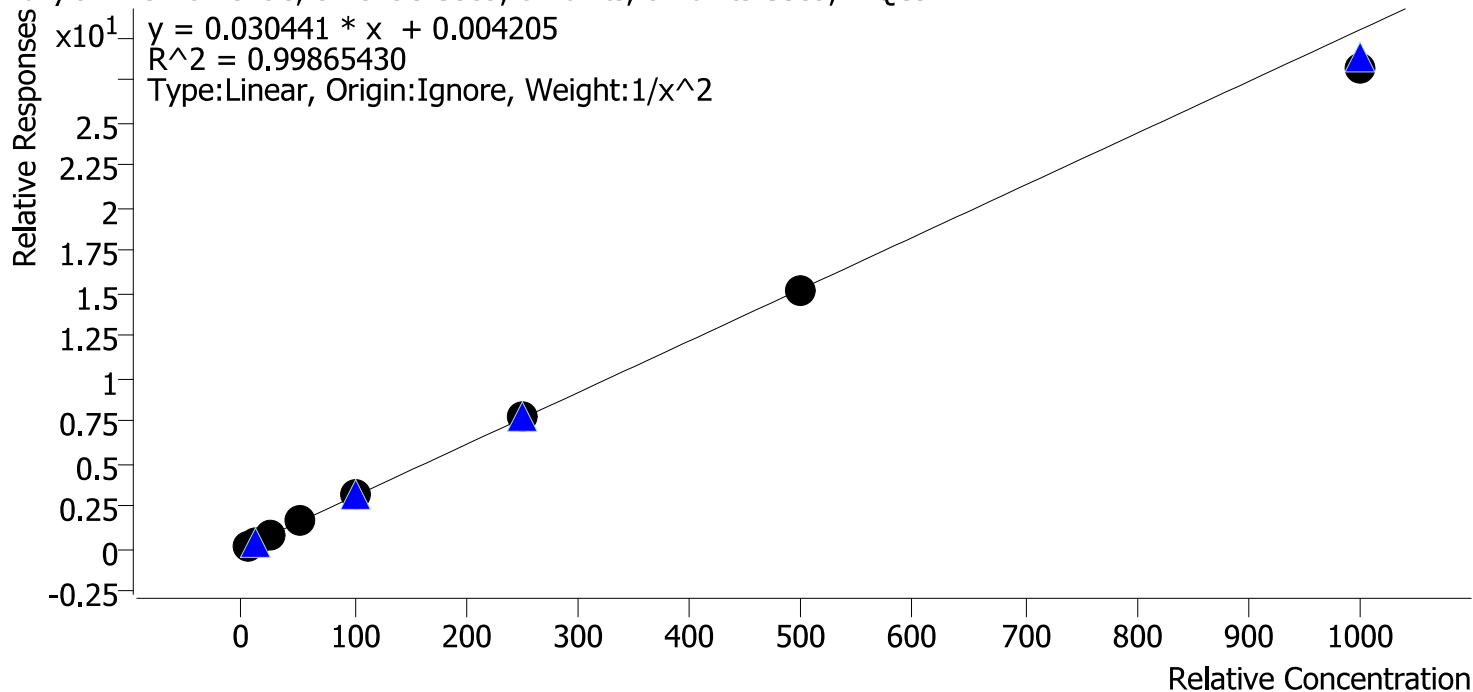


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdq	2	✓	10.0	9.8	98.5
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	48.3	96.6
cal 5 mdq	5	✓	100.0	97.8	97.8
cal 6 mdq	6	✓	250.0	252.4	101.0
cal 7 mdq	7	✓	500.0	512.0	102.4
cal 8 mdq	8	✓	1000.0	1049.8	105.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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

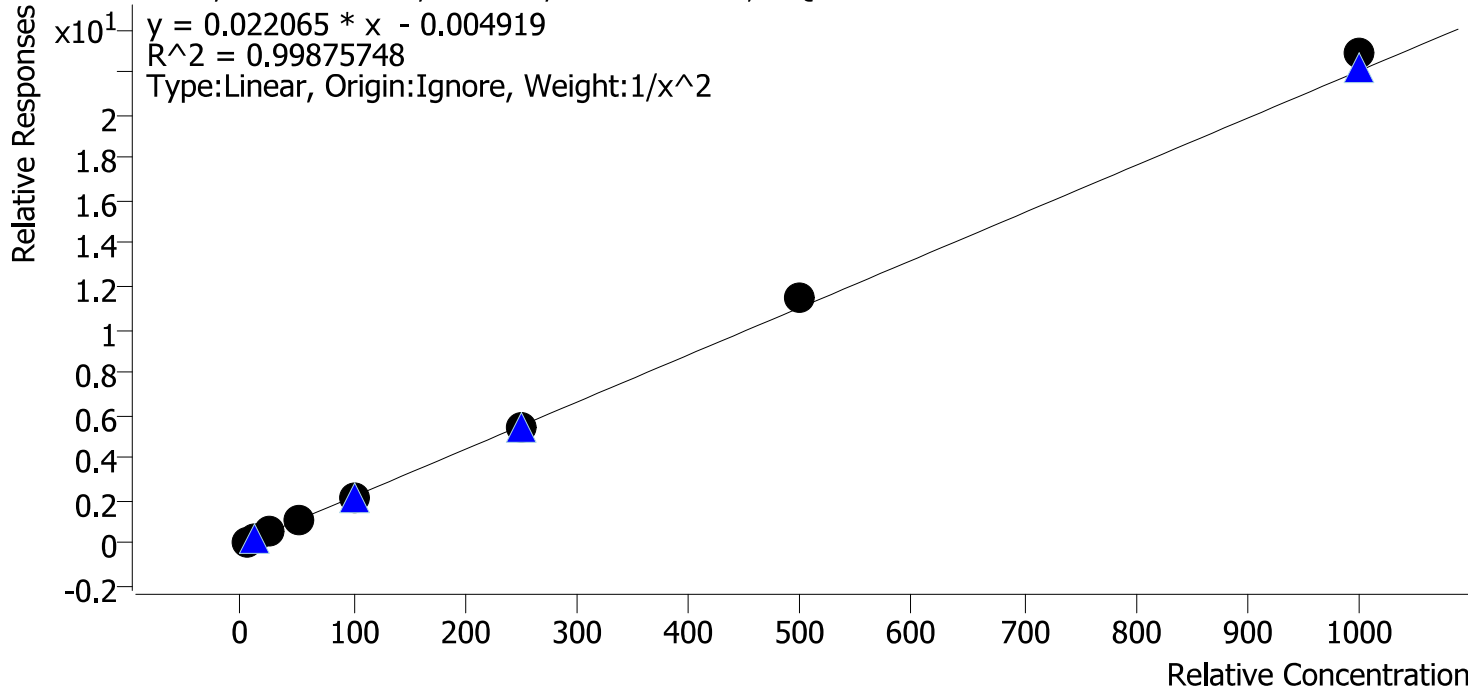


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.3
cal 2 mdq	2	✓	10.0	10.2	101.7
cal 3 mdq	3	✓	25.0	25.7	102.7
cal 4 mdq	4	✓	50.0	51.1	102.1
cal 5 mdq	5	✓	100.0	101.7	101.7
cal 6 mdq	6	✓	250.0	251.6	100.6
cal 7 mdq	7	✓	500.0	499.6	99.9
cal 8 mdq	8	✓	1000.0	929.0	92.9

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update	1/25/2023 3:15 PM
Analyst Name	ISP\datastor
Analyte	EDDP
Internal Standard	EDDP-D3

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

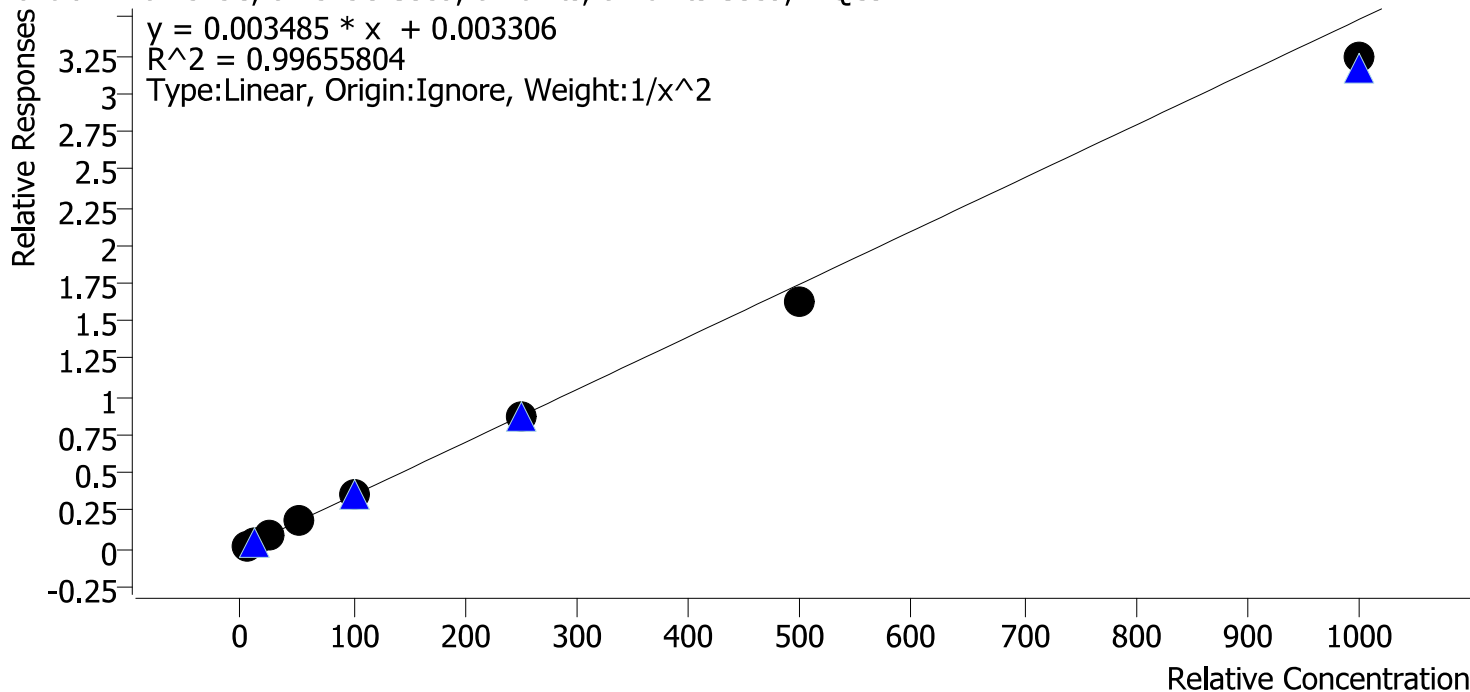


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.8
cal 2 mdq	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	24.2	96.8
cal 4 mdq	4	✓	50.0	48.3	96.6
cal 5 mdq	5	✓	100.0	101.5	101.5
cal 6 mdq	6	✓	250.0	243.9	97.5
cal 7 mdq	7	✓	500.0	519.7	103.9
cal 8 mdq	8	✓	1000.0	1036.5	103.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Diazepam-D5

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

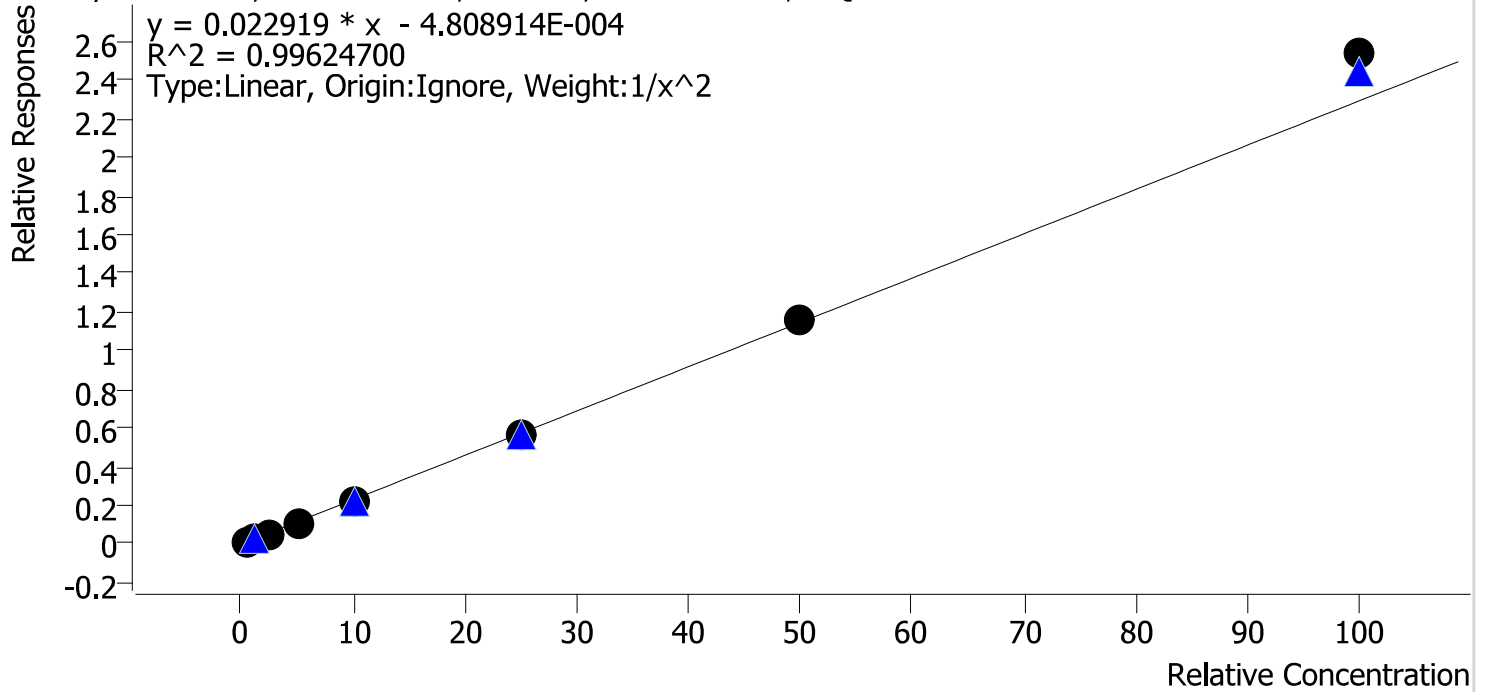


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdq	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	26.1	104.3
cal 4 mdq	4	✓	50.0	53.4	106.8
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	252.4	101.0
cal 7 mdq	7	✓	500.0	465.9	93.2
cal 8 mdq	8	✓	1000.0	927.8	92.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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

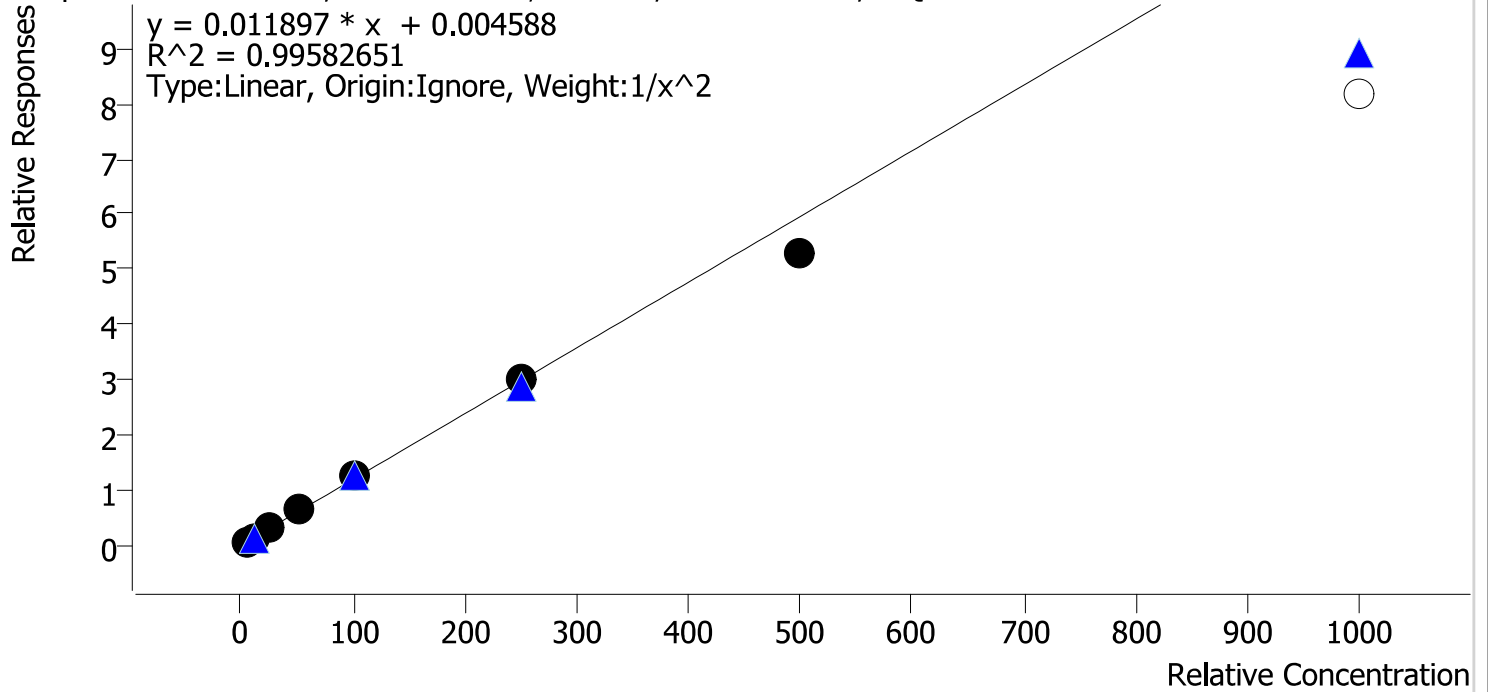


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	100.4
cal 2 mdq	2	✓	1.0	1.0	102.7
cal 3 mdq	3	✓	2.5	2.4	94.2
cal 4 mdq	4	✓	5.0	4.8	95.9
cal 5 mdq	5	✓	10.0	9.5	95.3
cal 6 mdq	6	✓	25.0	24.8	99.0
cal 7 mdq	7	✓	50.0	50.9	101.8
cal 8 mdq	8	✓	100.0	110.7	110.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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

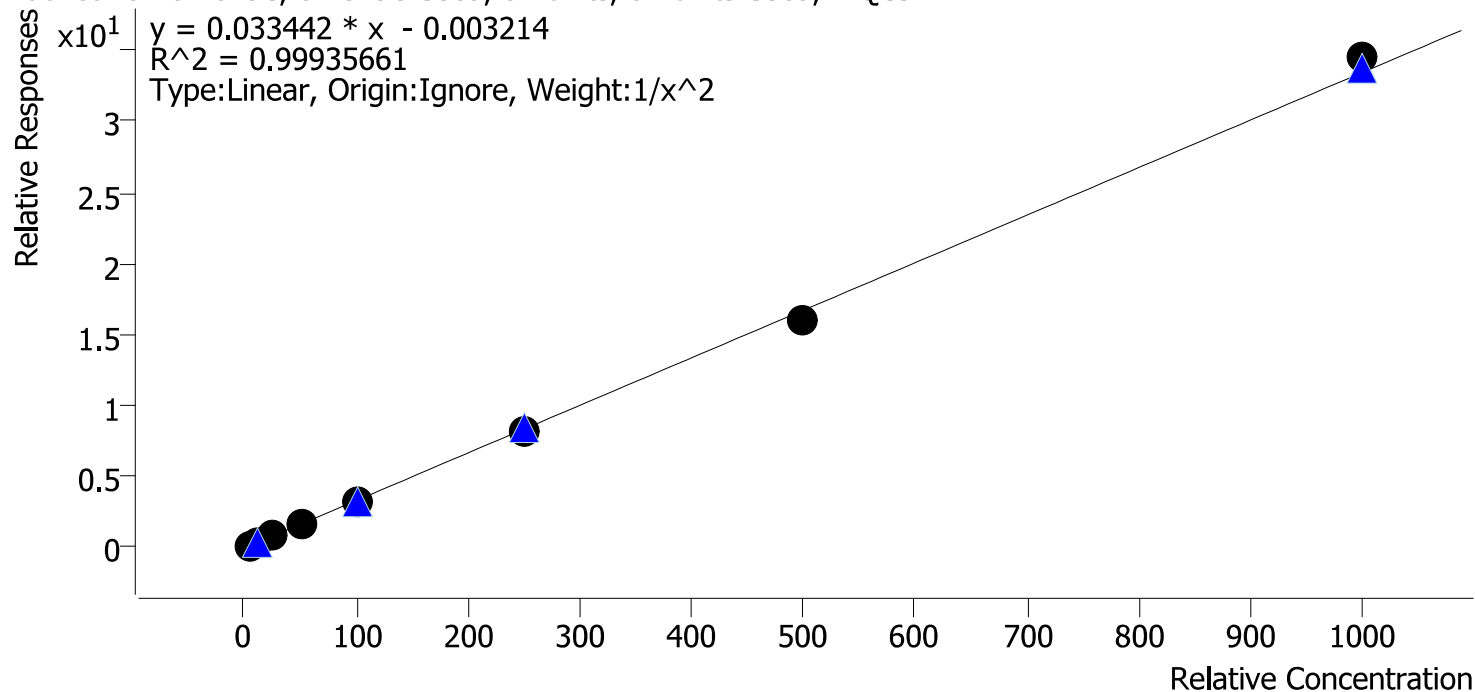


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	25.6	102.2
cal 4 mdq	4	✓	50.0	53.0	106.0
cal 5 mdq	5	✓	100.0	103.8	103.8
cal 6 mdq	6	✓	250.0	252.0	100.8
cal 7 mdq	7	✓	500.0	444.7	88.9
cal 8 mdq	8	×	1000.0	688.4	68.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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

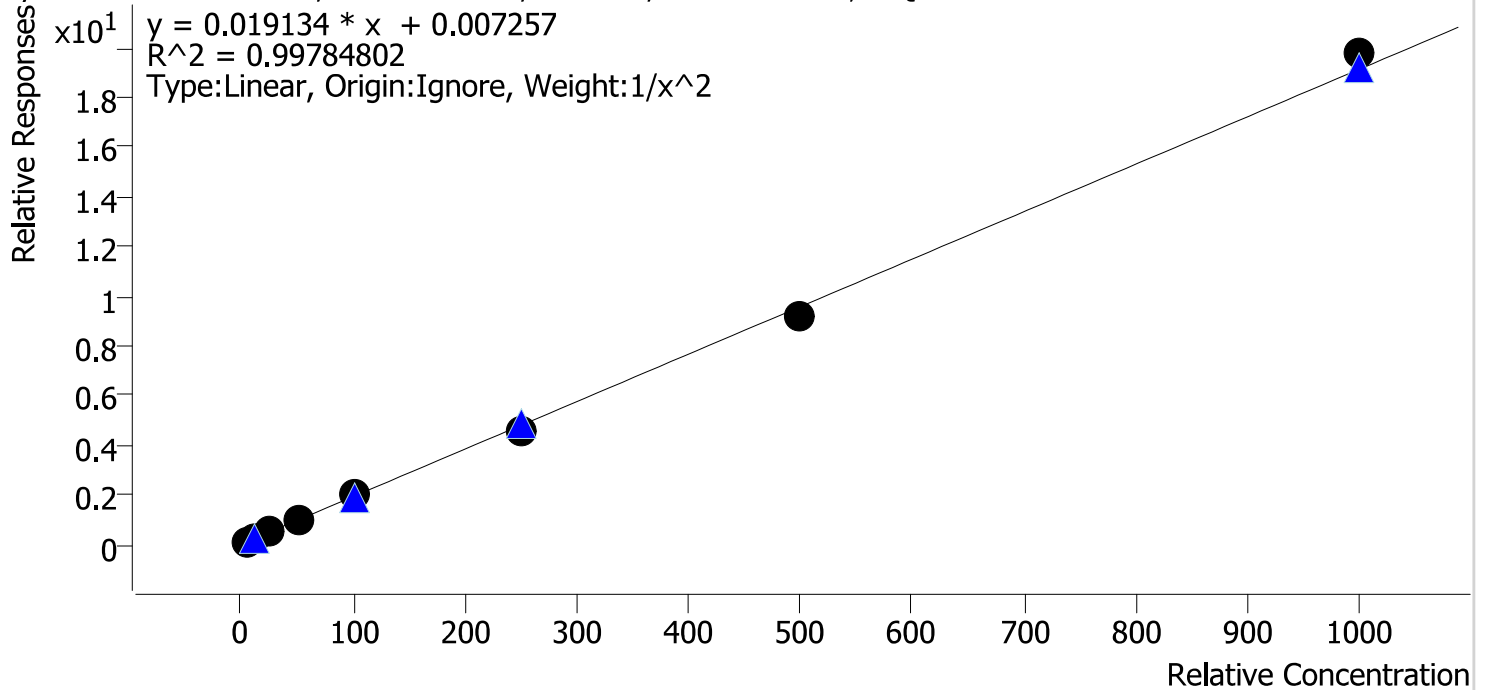


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	25.0	100.1
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	249.0	99.6
cal 7 mdq	7	✓	500.0	477.3	95.5
cal 8 mdq	8	✓	1000.0	1031.4	103.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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

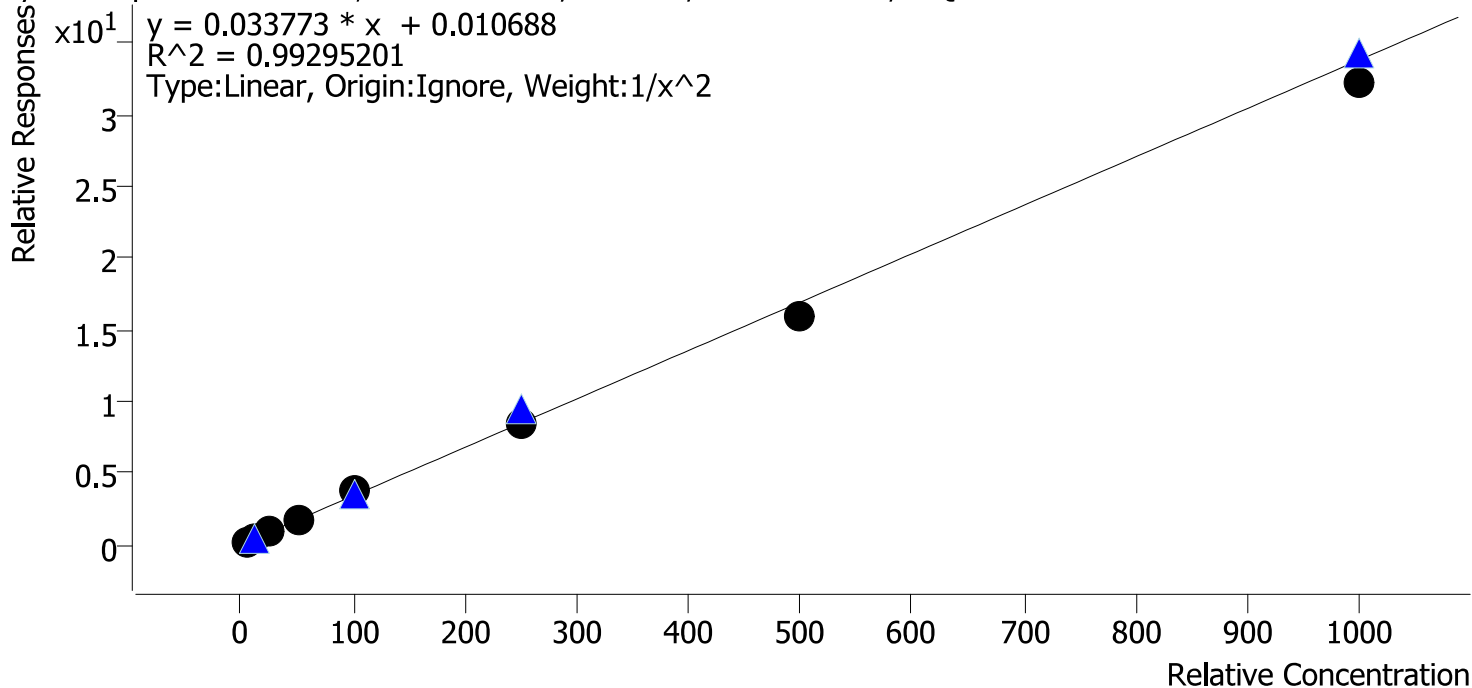


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.5
cal 2 mdq	2	✓	10.0	10.4	104.0
cal 3 mdq	3	✓	25.0	26.2	104.9
cal 4 mdq	4	✓	50.0	47.4	94.7
cal 5 mdq	5	✓	100.0	102.4	102.4
cal 6 mdq	6	✓	250.0	241.1	96.5
cal 7 mdq	7	✓	500.0	483.6	96.7
cal 8 mdq	8	✓	1000.0	1033.1	103.3

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Hydromorphone	Internal Standard	Hydromorphone-D6

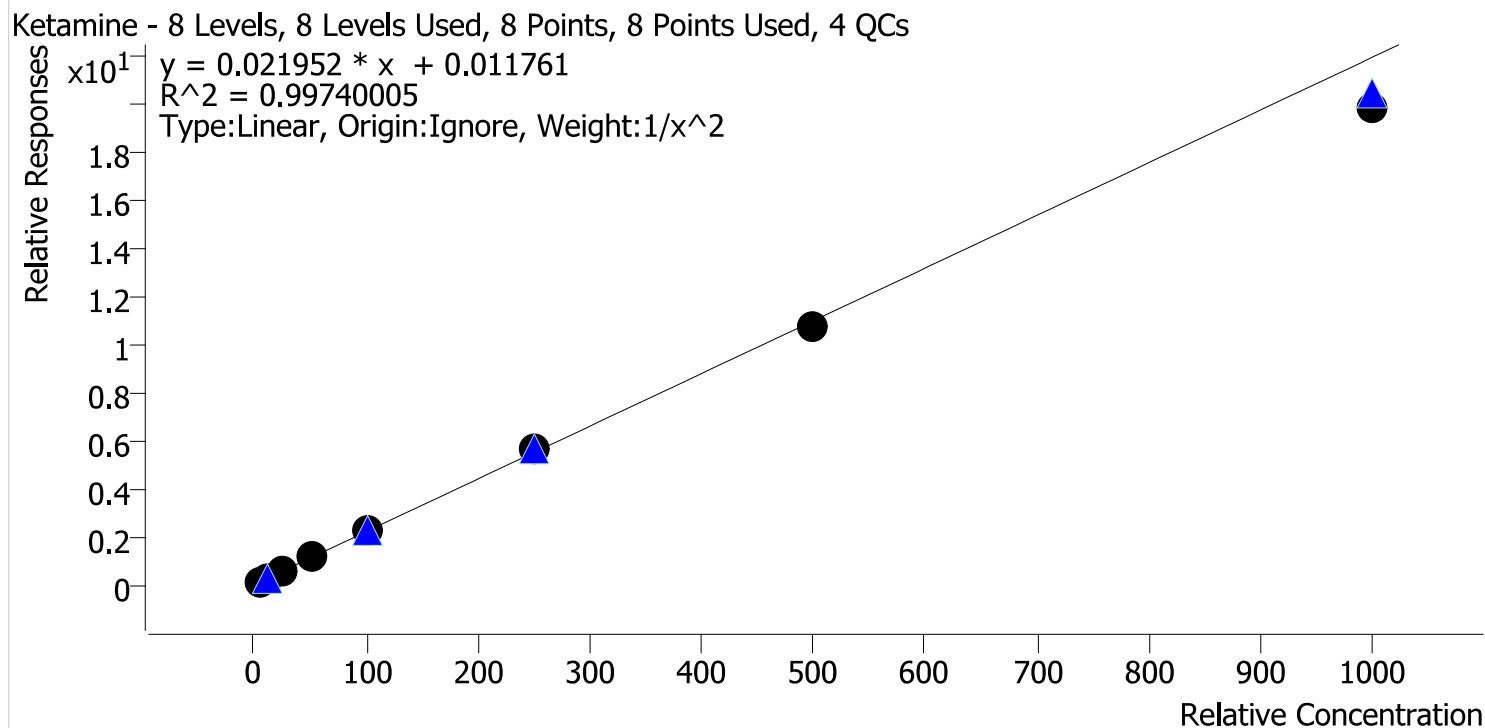
Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.4
cal 2 mdq	2	✓	10.0	9.1	90.8
cal 3 mdq	3	✓	25.0	27.4	109.6
cal 4 mdq	4	✓	50.0	48.8	97.7
cal 5 mdq	5	✓	100.0	111.3	111.3
cal 6 mdq	6	✓	250.0	246.9	98.8
cal 7 mdq	7	✓	500.0	469.7	93.9
cal 8 mdq	8	✓	1000.0	954.4	95.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

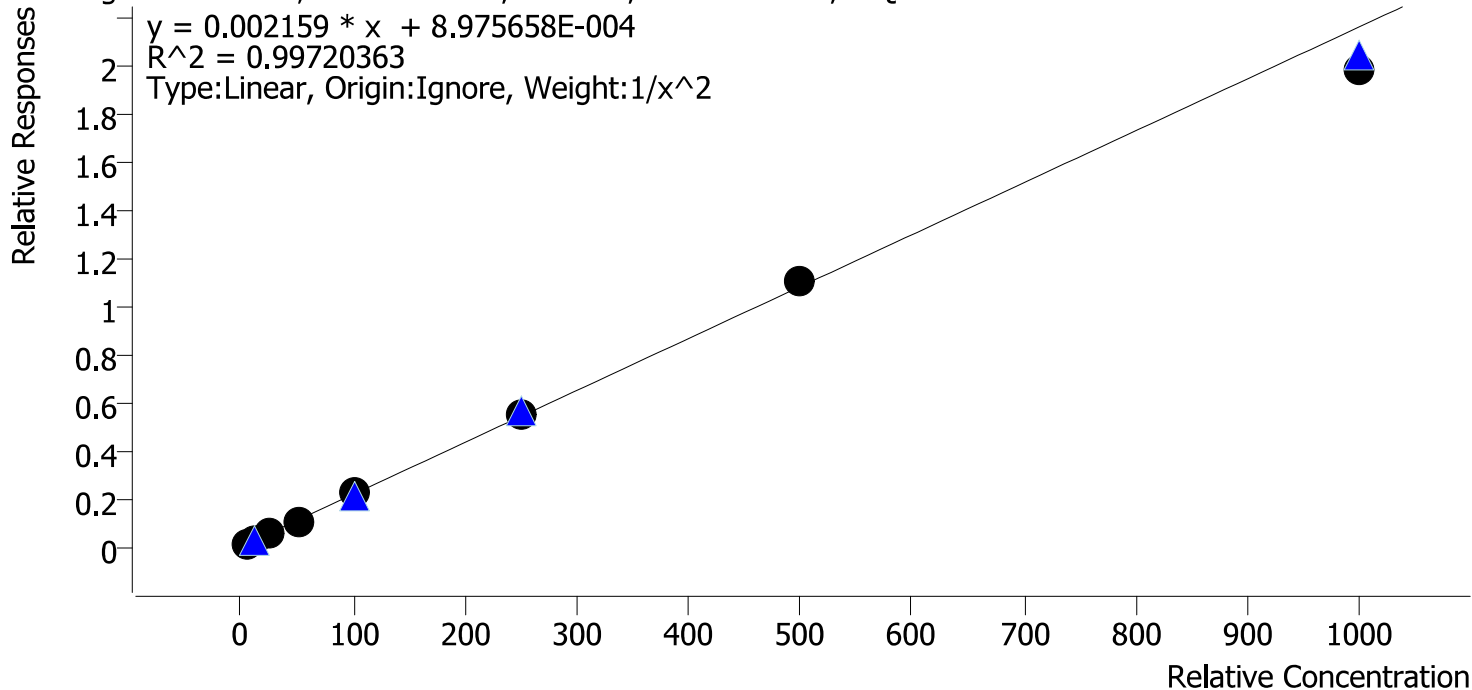


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	25.5	102.2
cal 4 mdq	4	✓	50.0	52.2	104.4
cal 5 mdq	5	✓	100.0	103.4	103.4
cal 6 mdq	6	✓	250.0	255.7	102.3
cal 7 mdq	7	✓	500.0	489.4	97.9
cal 8 mdq	8	✓	1000.0	905.3	90.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** MDA-D5

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

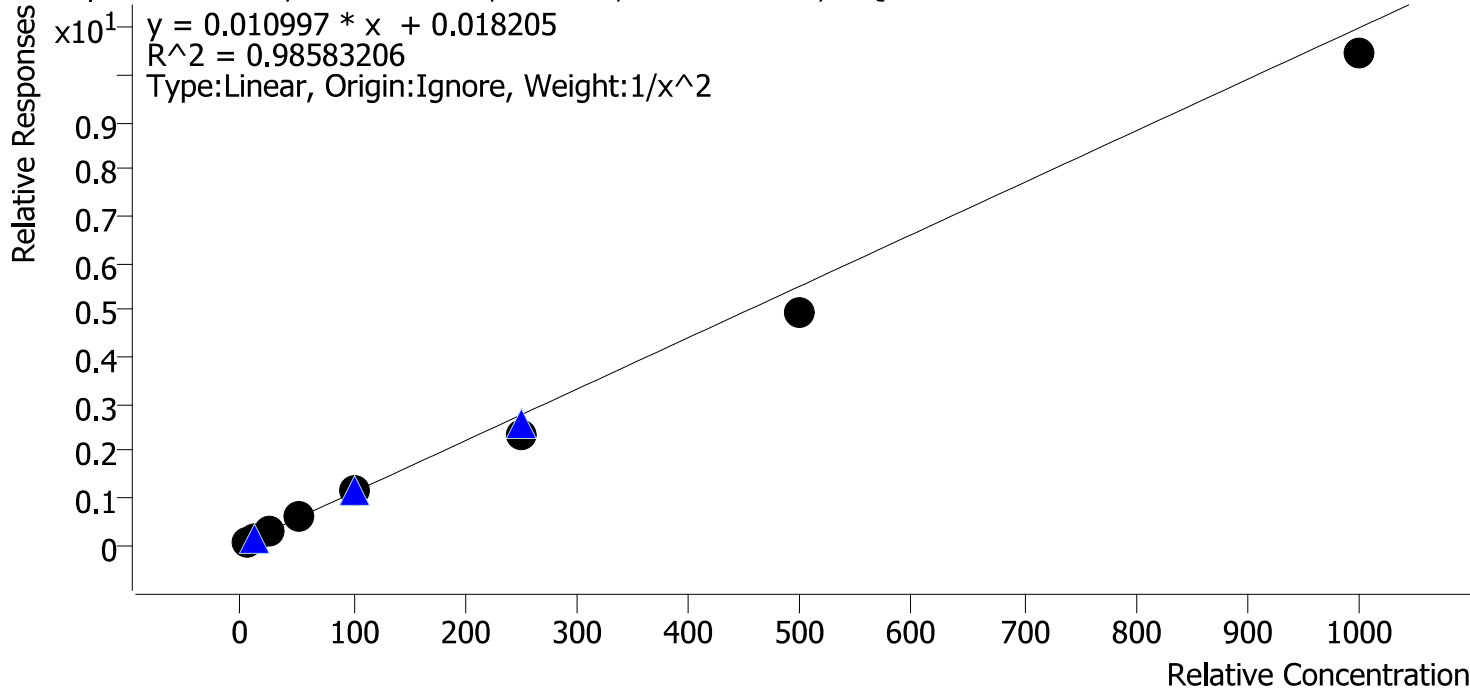


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.6	105.5
cal 3 mdq	3	✓	25.0	24.1	96.5
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	104.7	104.7
cal 6 mdq	6	✓	250.0	254.0	101.6
cal 7 mdq	7	✓	500.0	512.9	102.6
cal 8 mdq	8	✓	1000.0	917.3	91.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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

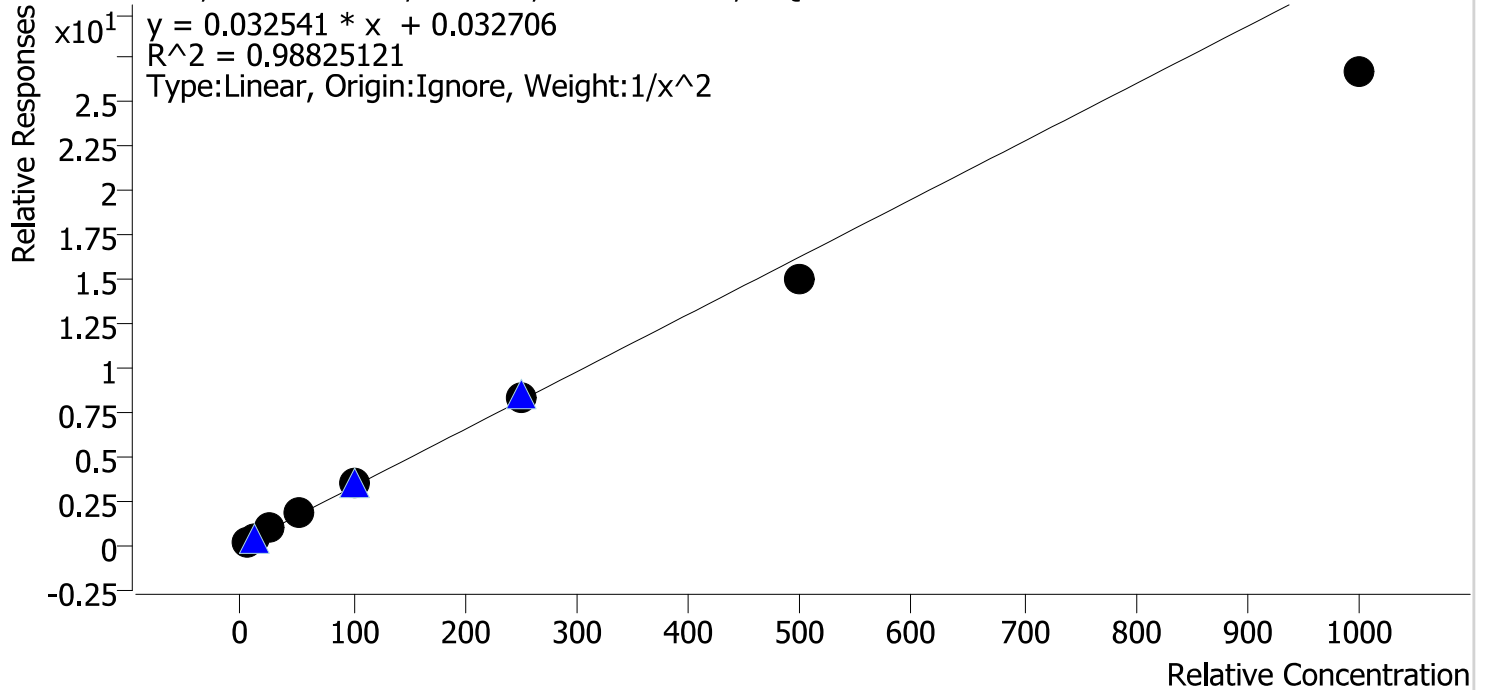


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.2
cal 2 mdq	2	✓	10.0	10.4	103.8
cal 3 mdq	3	✓	25.0	28.5	114.0
cal 4 mdq	4	✓	50.0	56.3	112.5
cal 5 mdq	5	✓	100.0	104.9	104.9
cal 6 mdq	6	✓	250.0	214.4	85.8
cal 7 mdq	7	✓	500.0	448.9	89.8
cal 8 mdq	8	✓	1000.0	950.0	95.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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

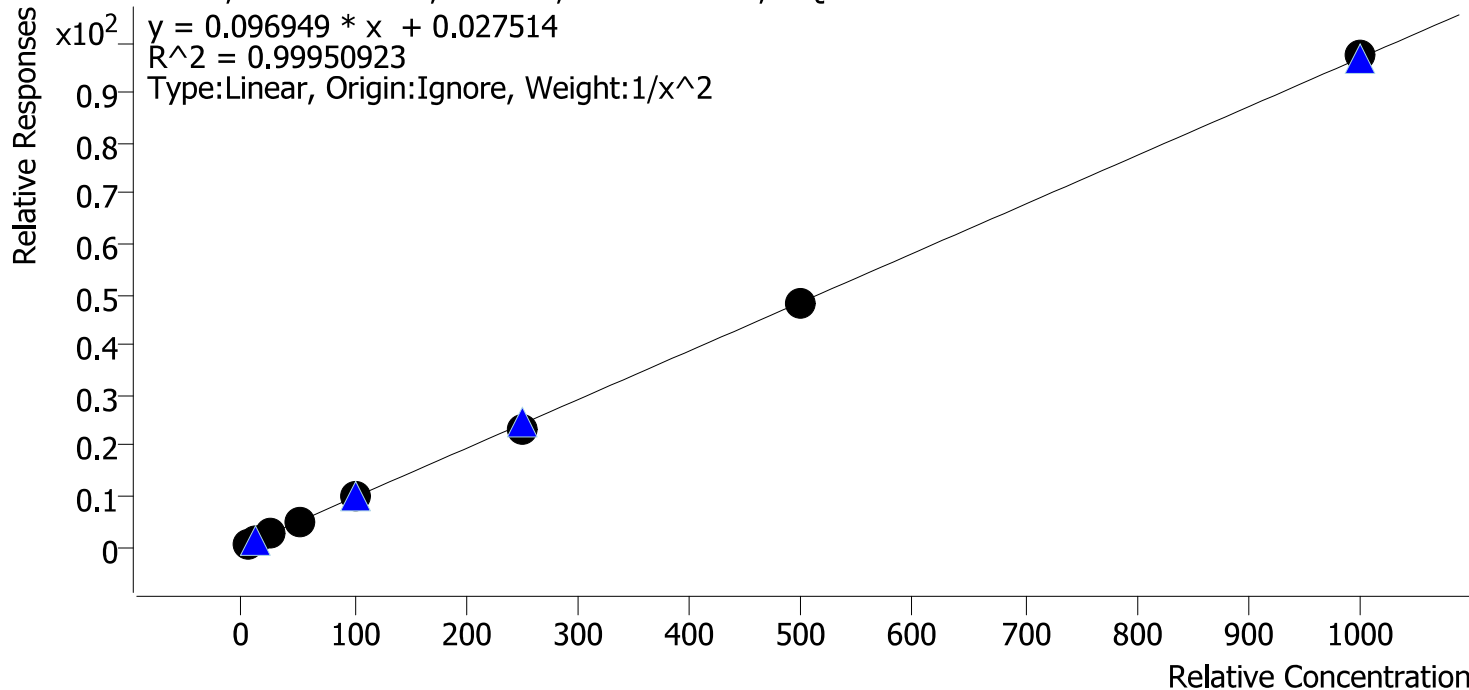


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.6
cal 2 mdq	2	✓	10.0	10.1	101.2
cal 3 mdq	3	✓	25.0	27.0	108.1
cal 4 mdq	4	✓	50.0	54.3	108.6
cal 5 mdq	5	✓	100.0	109.6	109.6
cal 6 mdq	6	✓	250.0	253.8	101.5
cal 7 mdq	7	✓	500.0	460.9	92.2
cal 8 mdq	8	✓	1000.0	821.8	82.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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

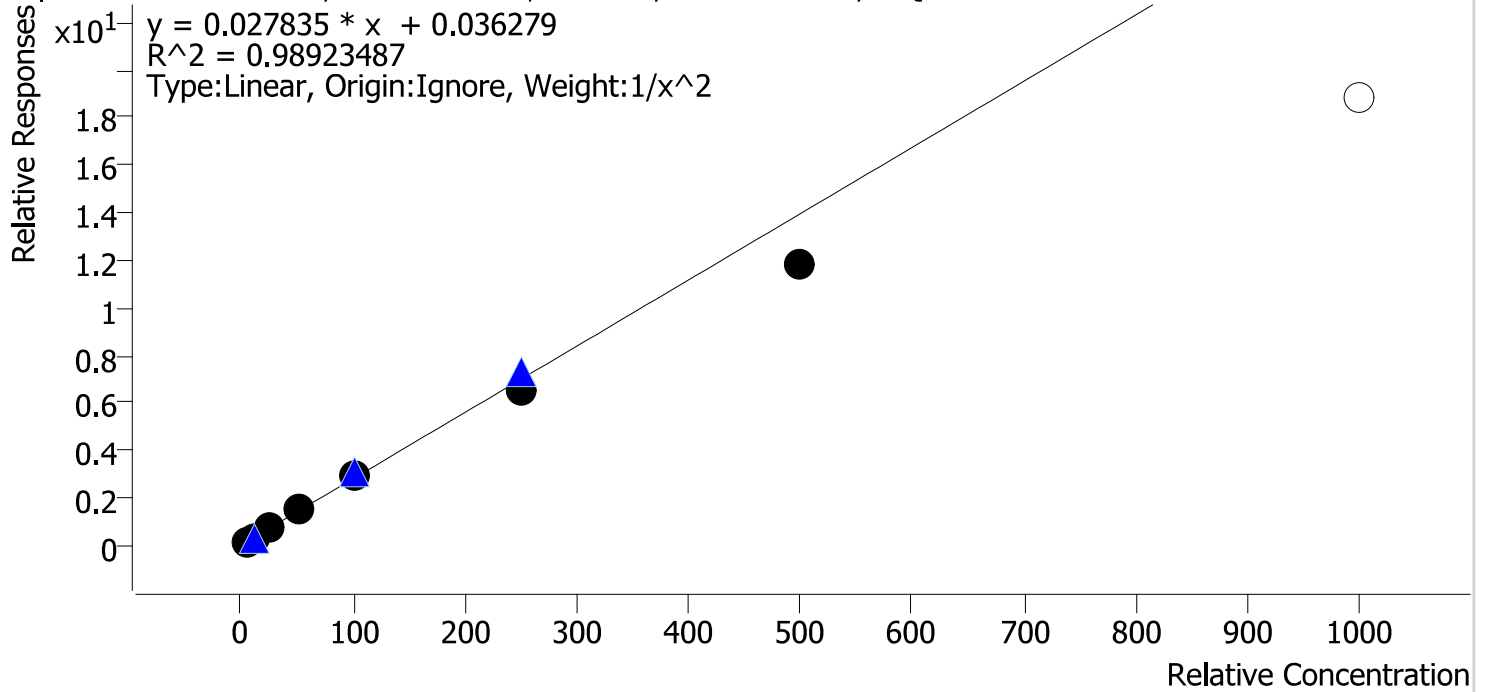


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	51.0	101.9
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	239.7	95.9
cal 7 mdq	7	✓	500.0	497.1	99.4
cal 8 mdq	8	✓	1000.0	1004.9	100.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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

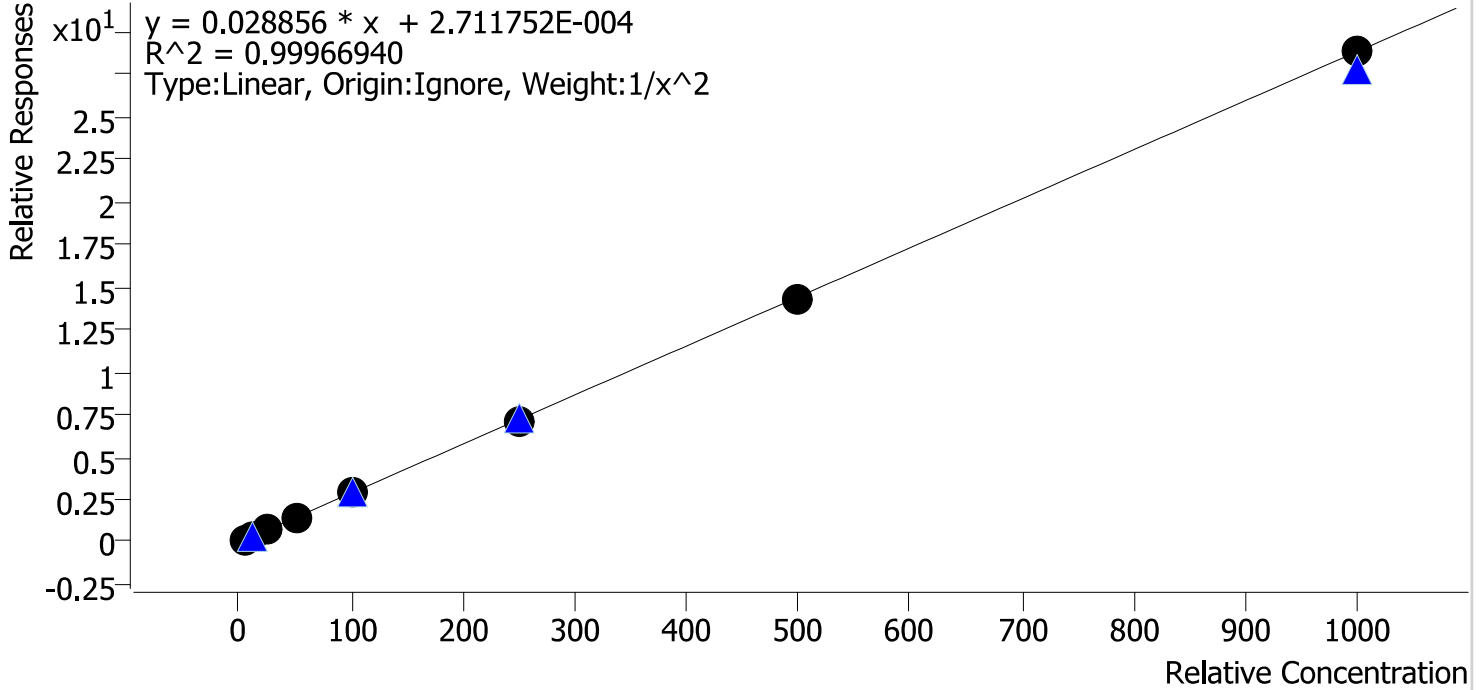


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.9
cal 2 mdq	2	✓	10.0	10.3	103.5
cal 3 mdq	3	✓	25.0	27.0	107.9
cal 4 mdq	4	✓	50.0	53.6	107.2
cal 5 mdq	5	✓	100.0	107.0	107.0
cal 6 mdq	6	✓	250.0	234.7	93.9
cal 7 mdq	7	✓	500.0	423.1	84.6
cal 8 mdq	8	×	1000.0	676.5	67.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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

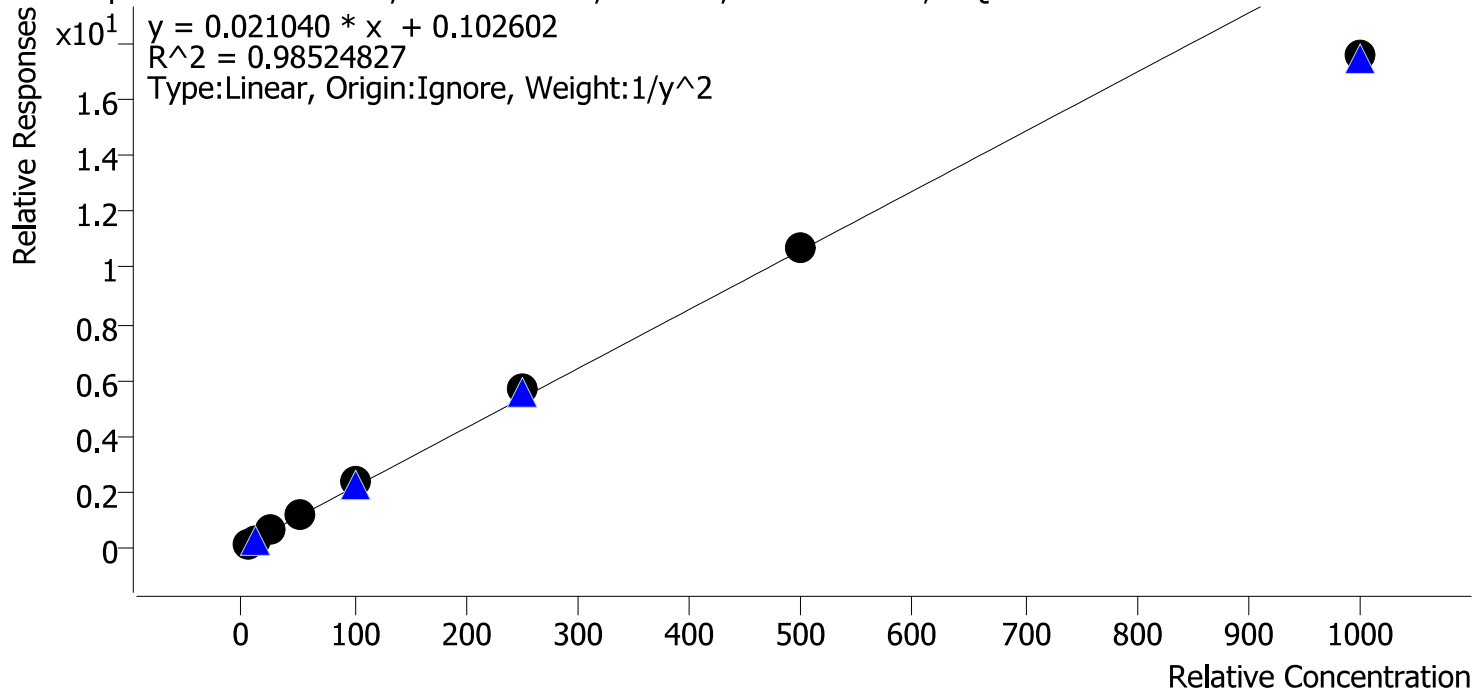


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.3
cal 2 mdq	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	25.5	101.9
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	99.7	99.7
cal 6 mdq	6	✓	250.0	246.0	98.4
cal 7 mdq	7	✓	500.0	494.9	99.0
cal 8 mdq	8	✓	1000.0	1000.1	100.0

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Methamphetamine	Internal Standard	Methamphetamine-D11

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

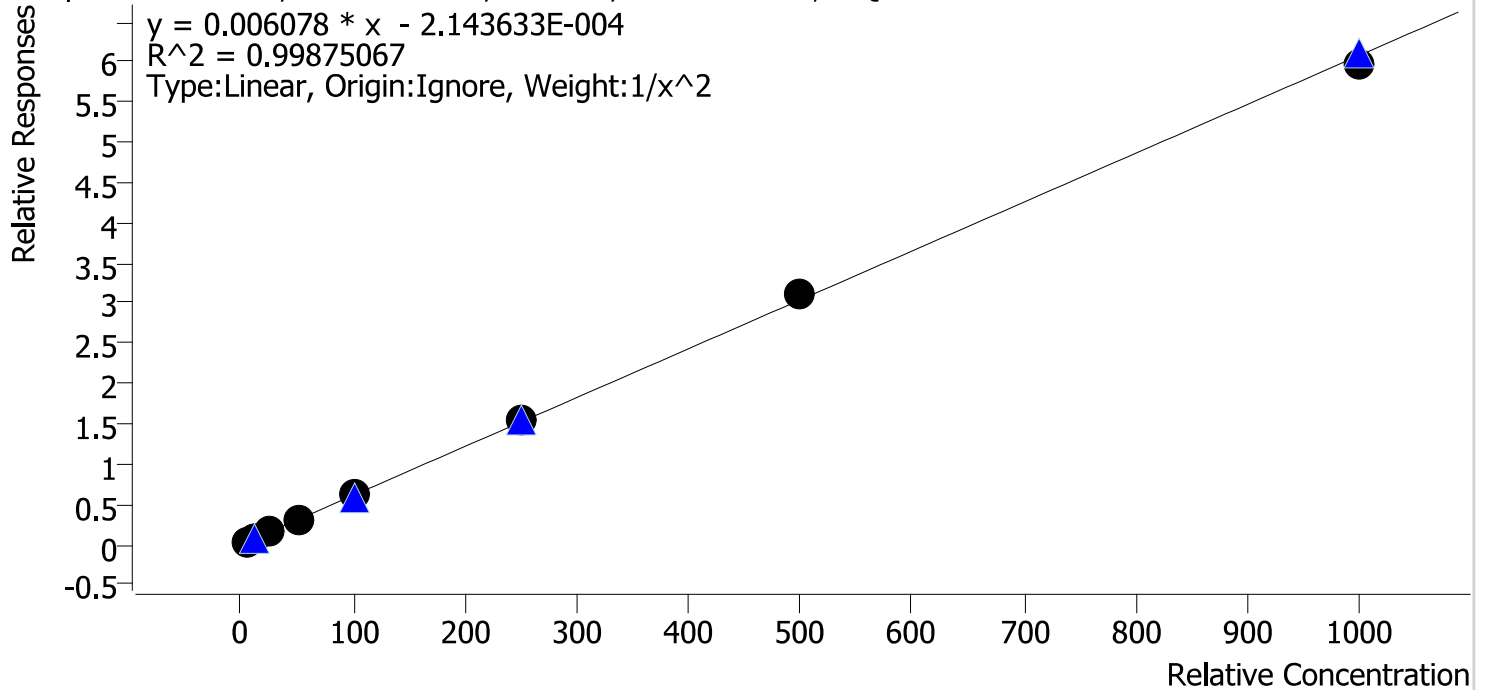


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.5	90.6
cal 2 mdq	2	✓	10.0	10.2	101.8
cal 3 mdq	3	✓	25.0	27.4	109.8
cal 4 mdq	4	✓	50.0	54.7	109.3
cal 5 mdq	5	✓	100.0	111.7	111.7
cal 6 mdq	6	✓	250.0	264.1	105.7
cal 7 mdq	7	✓	500.0	503.4	100.7
cal 8 mdq	8	✓	1000.0	828.3	82.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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

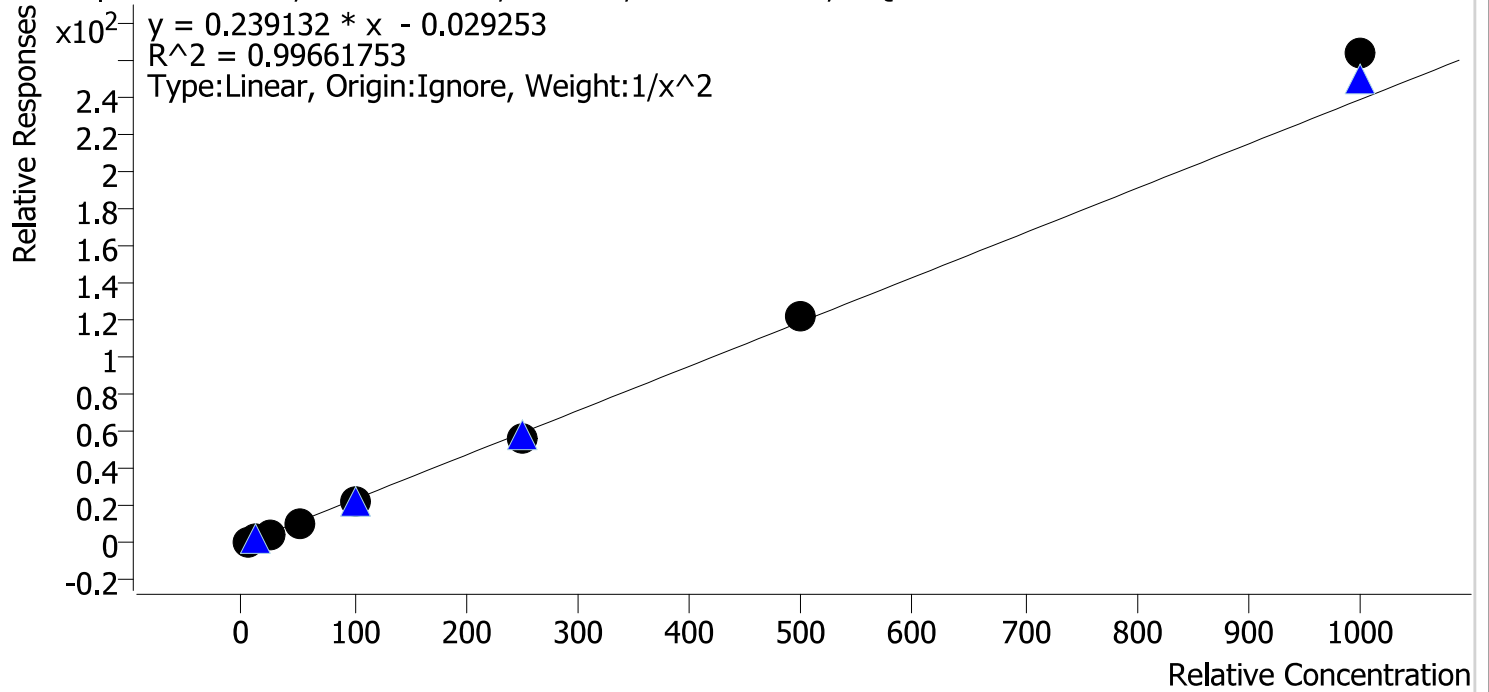


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.2
cal 2 mdq	2	✓	10.0	9.7	96.7
cal 3 mdq	3	✓	25.0	24.6	98.5
cal 4 mdq	4	✓	50.0	47.8	95.7
cal 5 mdq	5	✓	100.0	103.0	103.0
cal 6 mdq	6	✓	250.0	256.7	102.7
cal 7 mdq	7	✓	500.0	515.7	103.1
cal 8 mdq	8	✓	1000.0	981.2	98.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** MDMA-D6

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

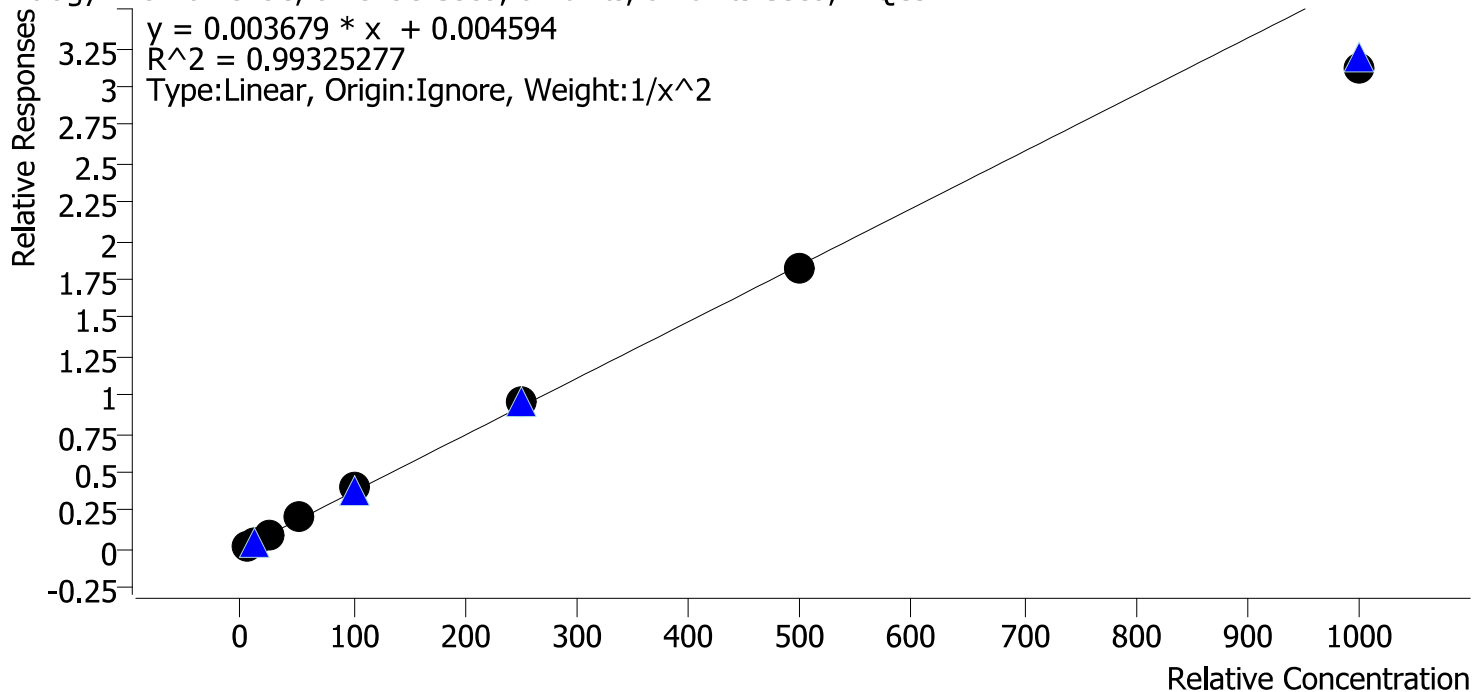


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.6
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	23.9	95.6
cal 4 mdq	4	✓	50.0	49.2	98.4
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	236.8	94.7
cal 7 mdq	7	✓	500.0	512.1	102.4
cal 8 mdq	8	✓	1000.0	1103.4	110.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Pseudoephedrine-D3

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

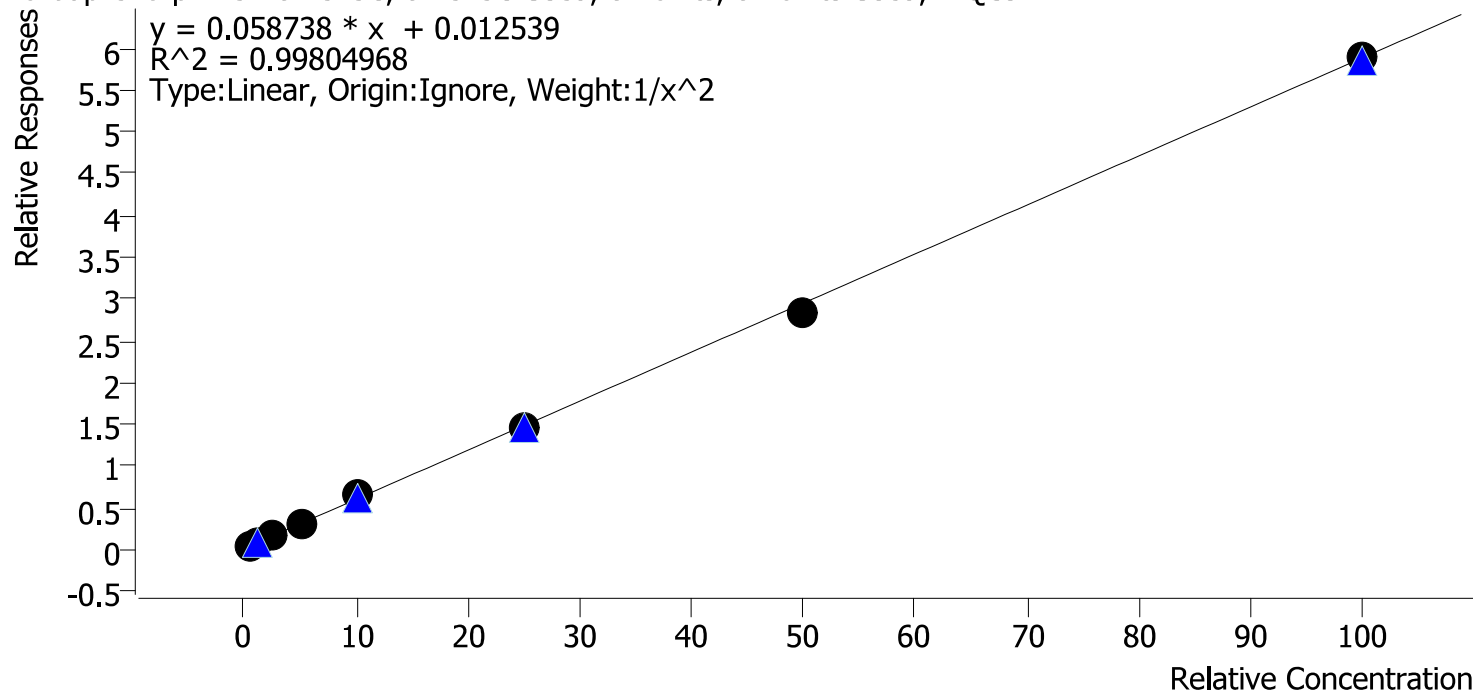


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	9.9	98.5
cal 3 mdq	3	✓	25.0	25.9	103.5
cal 4 mdq	4	✓	50.0	53.2	106.5
cal 5 mdq	5	✓	100.0	107.3	107.3
cal 6 mdq	6	✓	250.0	255.8	102.3
cal 7 mdq	7	✓	500.0	491.6	98.3
cal 8 mdq	8	✓	1000.0	845.1	84.5

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Norbuprenorphine	Internal Standard	Norbuprenorphine-D3

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

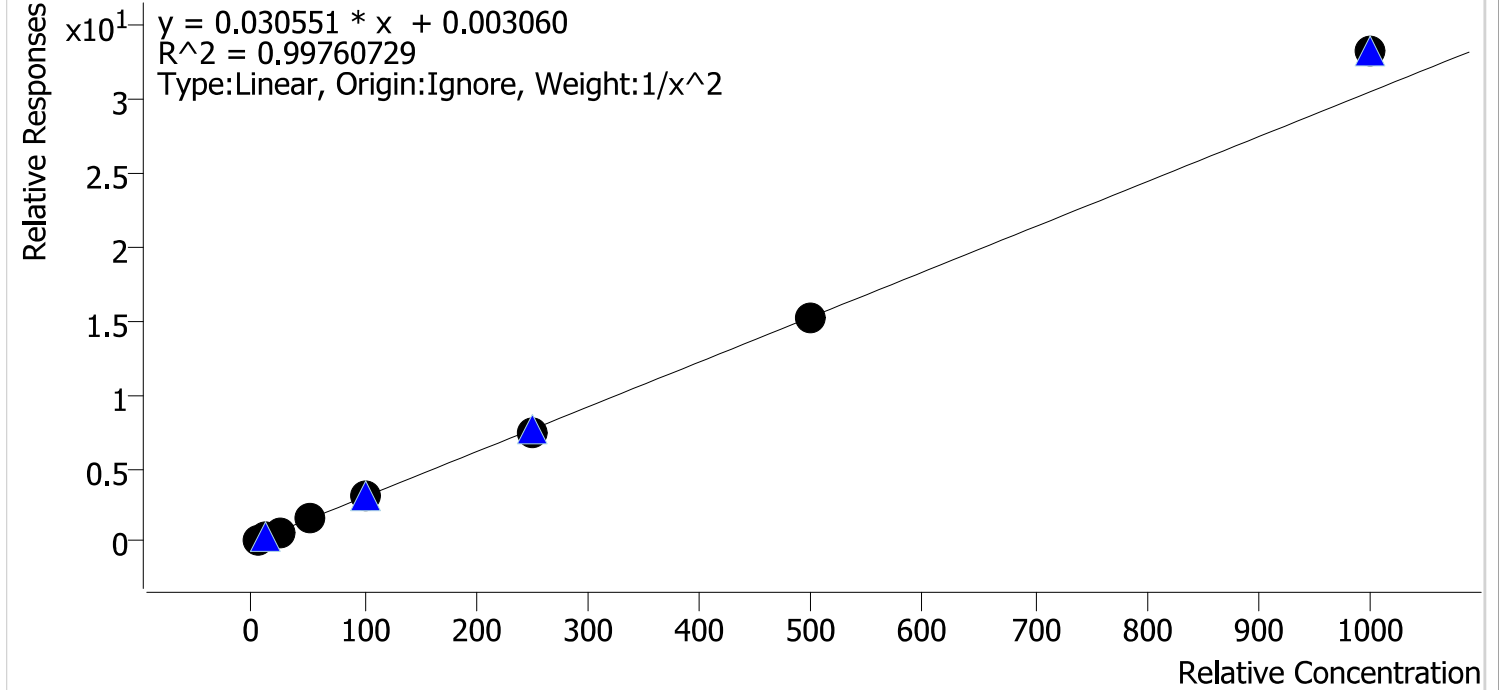


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	101.9
cal 2 mdq	2	✓	1.0	1.0	96.0
cal 3 mdq	3	✓	2.5	2.5	98.4
cal 4 mdq	4	✓	5.0	5.0	100.9
cal 5 mdq	5	✓	10.0	10.8	107.8
cal 6 mdq	6	✓	25.0	24.8	99.2
cal 7 mdq	7	✓	50.0	47.9	95.7
cal 8 mdq	8	✓	100.0	100.1	100.1

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Nordiazepam	Internal Standard	Nordiazepam-D5

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

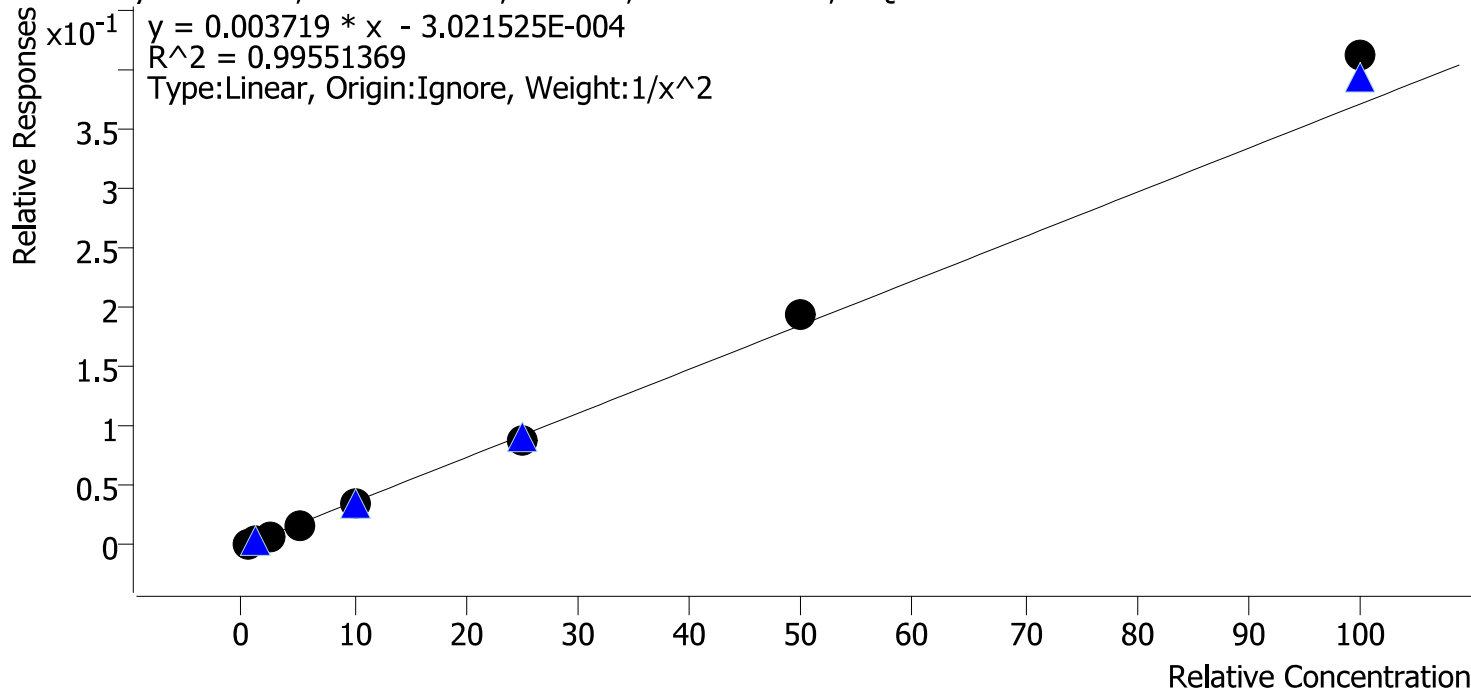


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.7
cal 2 mdq	2	✓	10.0	9.6	96.0
cal 3 mdq	3	✓	25.0	24.1	96.3
cal 4 mdq	4	✓	50.0	50.4	100.8
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	243.1	97.3
cal 7 mdq	7	✓	500.0	494.4	98.9
cal 8 mdq	8	✓	1000.0	1089.3	108.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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

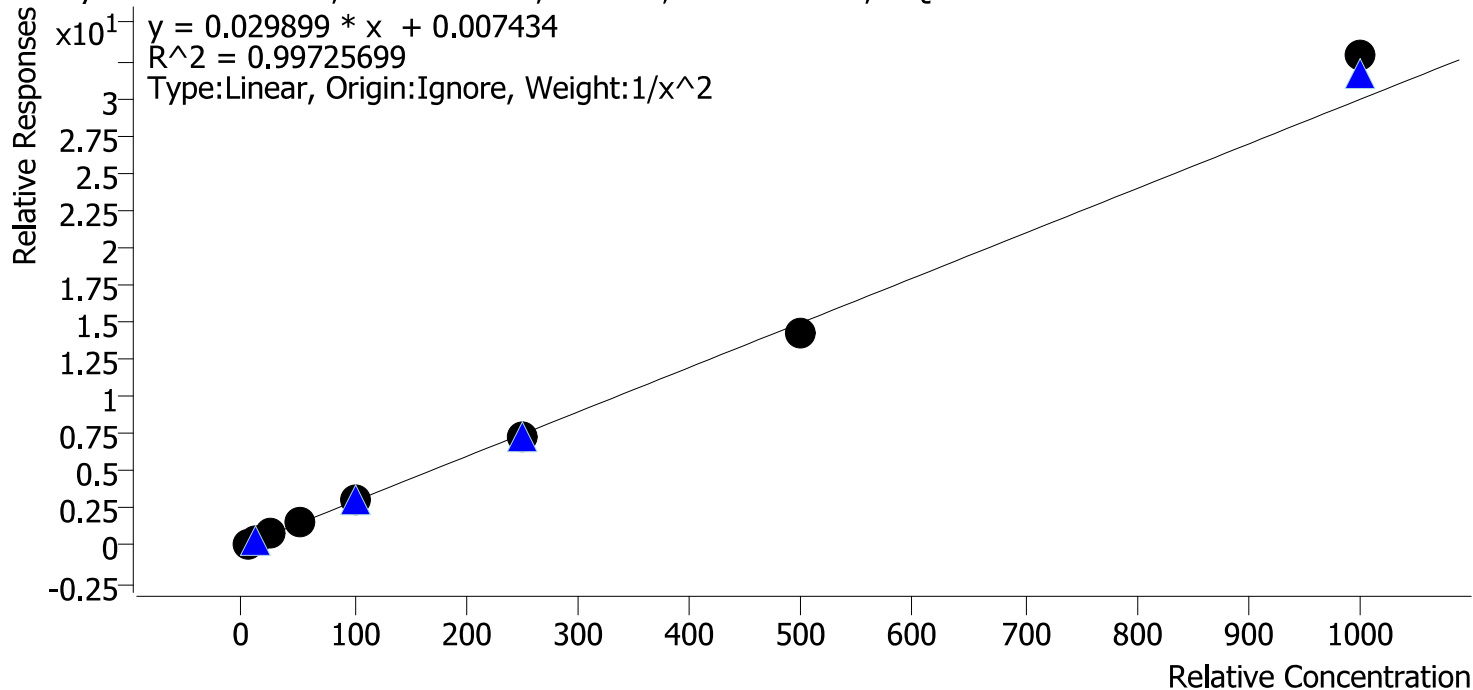


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	103.8
cal 2 mdq	2	✓	1.0	0.9	94.3
cal 3 mdq	3	✓	2.5	2.4	97.8
cal 4 mdq	4	✓	5.0	4.9	97.8
cal 5 mdq	5	✓	10.0	9.5	94.6
cal 6 mdq	6	✓	25.0	24.1	96.5
cal 7 mdq	7	✓	50.0	52.2	104.4
cal 8 mdq	8	✓	100.0	111.0	111.0

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Noroxycodone	Internal Standard	Noroxycodone-D3

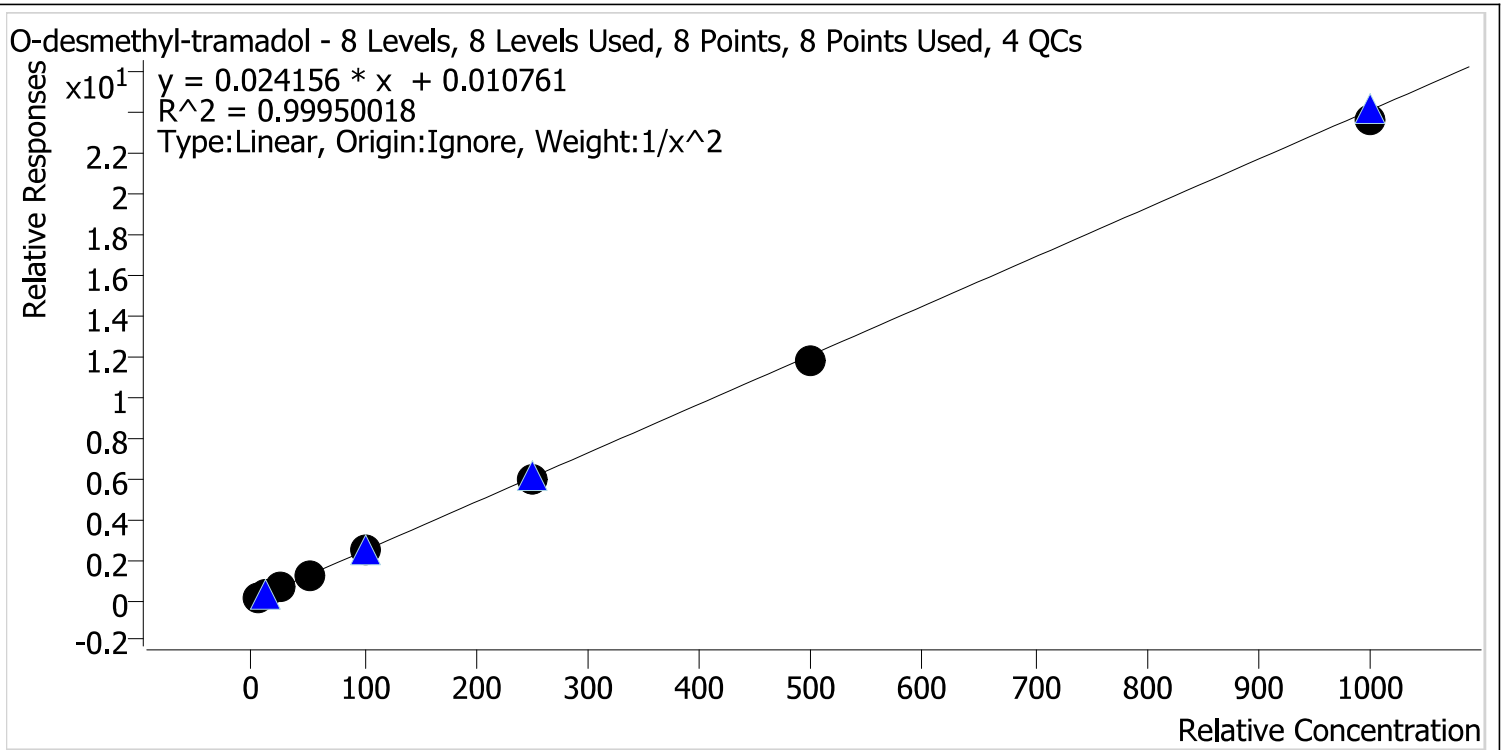
Noroxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.3
cal 2 mdq	2	✓	10.0	9.6	95.7
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	244.2	97.7
cal 7 mdq	7	✓	500.0	478.3	95.7
cal 8 mdq	8	✓	1000.0	1097.9	109.8

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	O-desmethyl-tramadol	Internal Standard	O-desmethyl-tramadol-D6

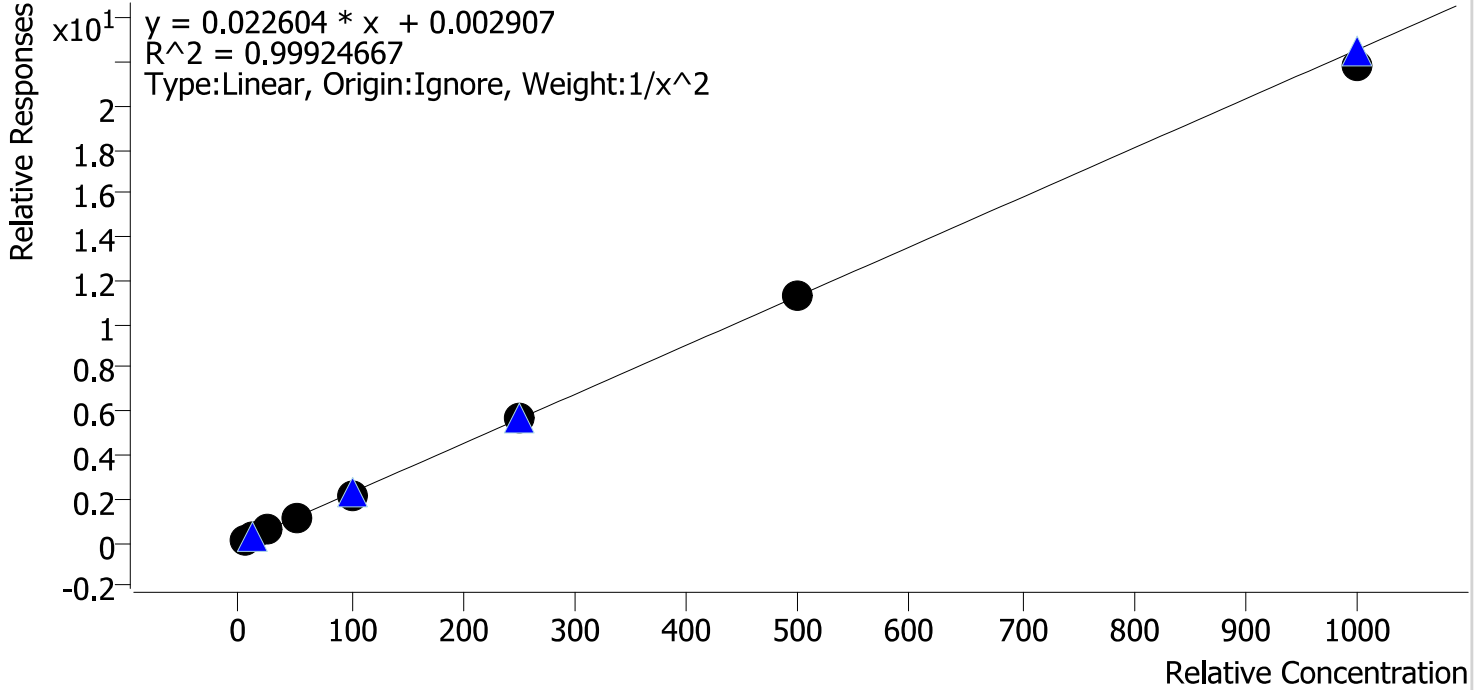


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	25.8	103.3
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	101.6	101.6
cal 6 mdq	6	✓	250.0	248.5	99.4
cal 7 mdq	7	✓	500.0	489.0	97.8
cal 8 mdq	8	✓	1000.0	978.2	97.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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

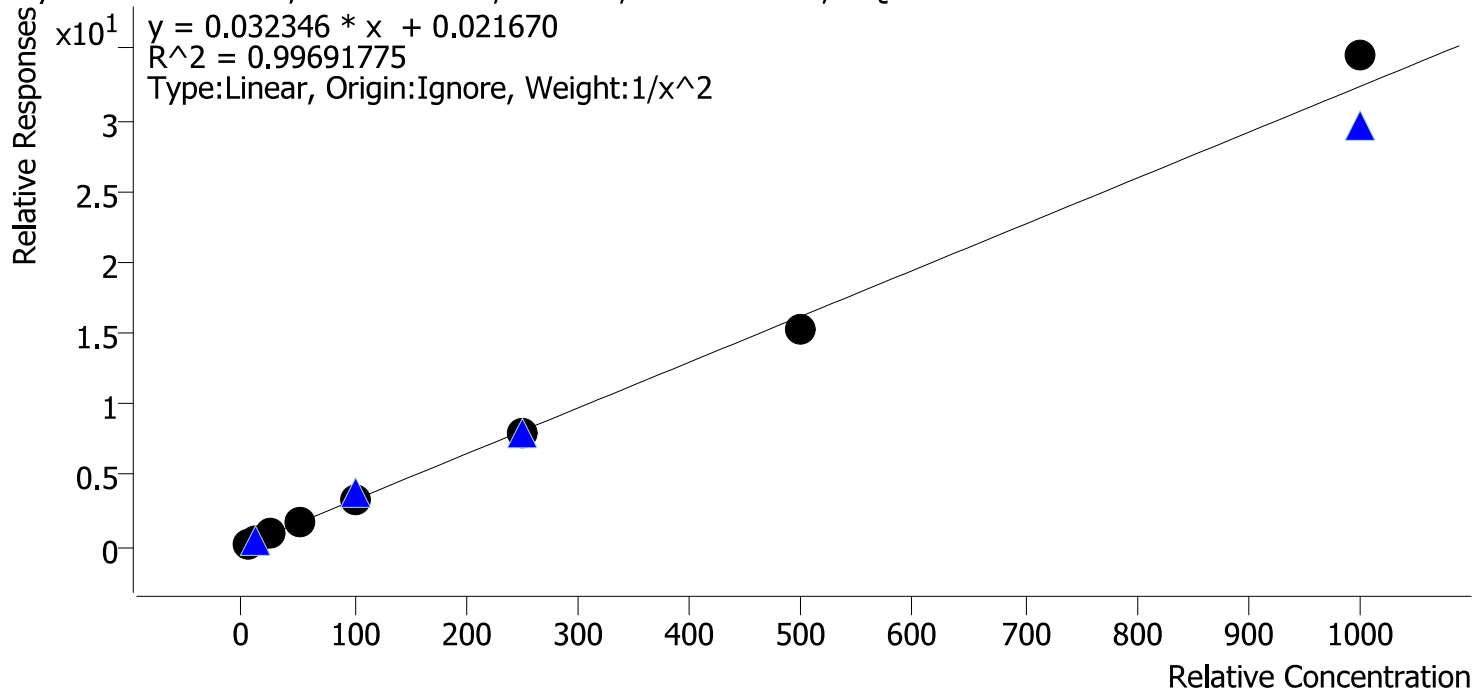


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdq	2	✓	10.0	10.1	101.5
cal 3 mdq	3	✓	25.0	25.8	103.0
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	96.7	96.7
cal 6 mdq	6	✓	250.0	253.9	101.6
cal 7 mdq	7	✓	500.0	497.4	99.5
cal 8 mdq	8	✓	1000.0	970.6	97.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

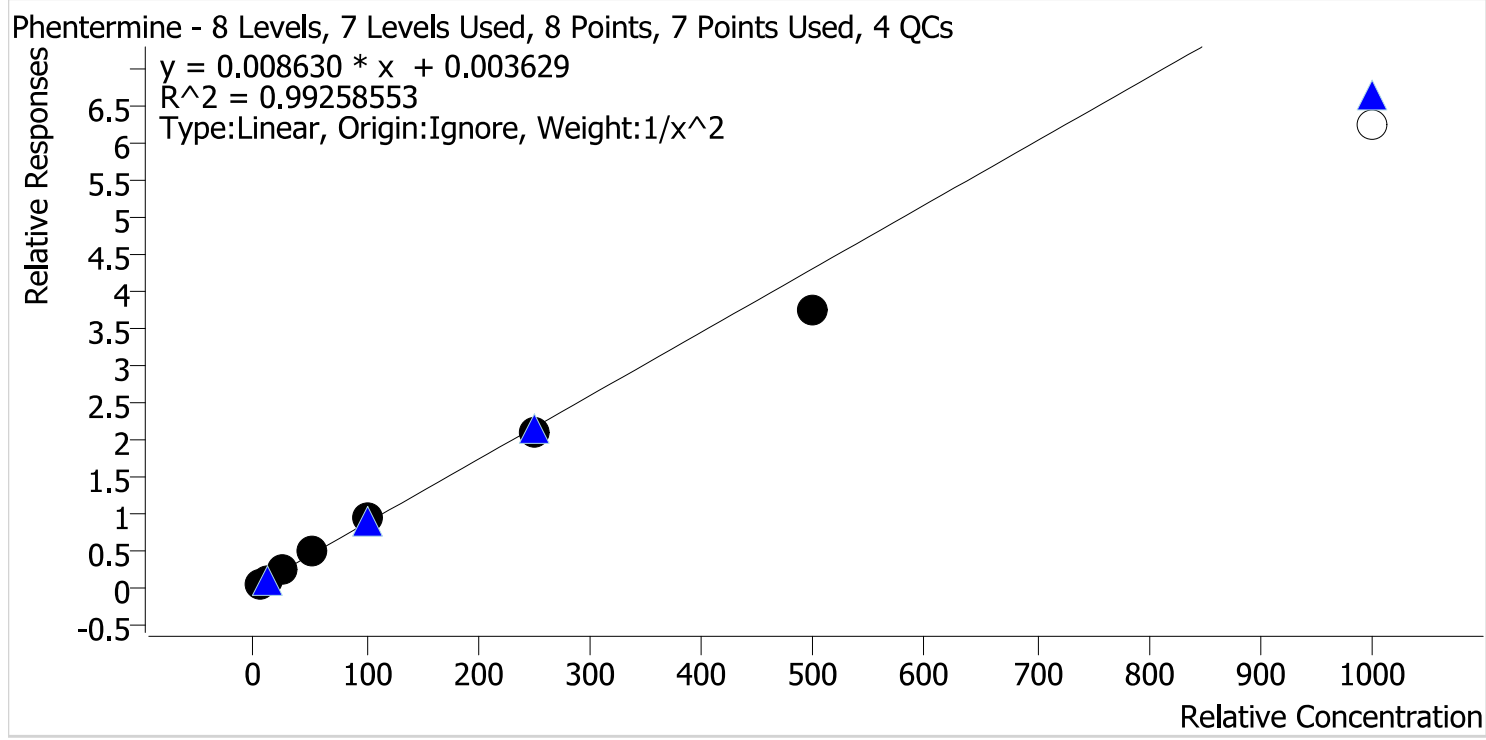
Oxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.2
cal 2 mdq	2	✓	10.0	10.7	107.2
cal 3 mdq	3	✓	25.0	24.1	96.2
cal 4 mdq	4	✓	50.0	50.1	100.3
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	244.6	97.8
cal 7 mdq	7	✓	500.0	469.2	93.8
cal 8 mdq	8	✓	1000.0	1067.1	106.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

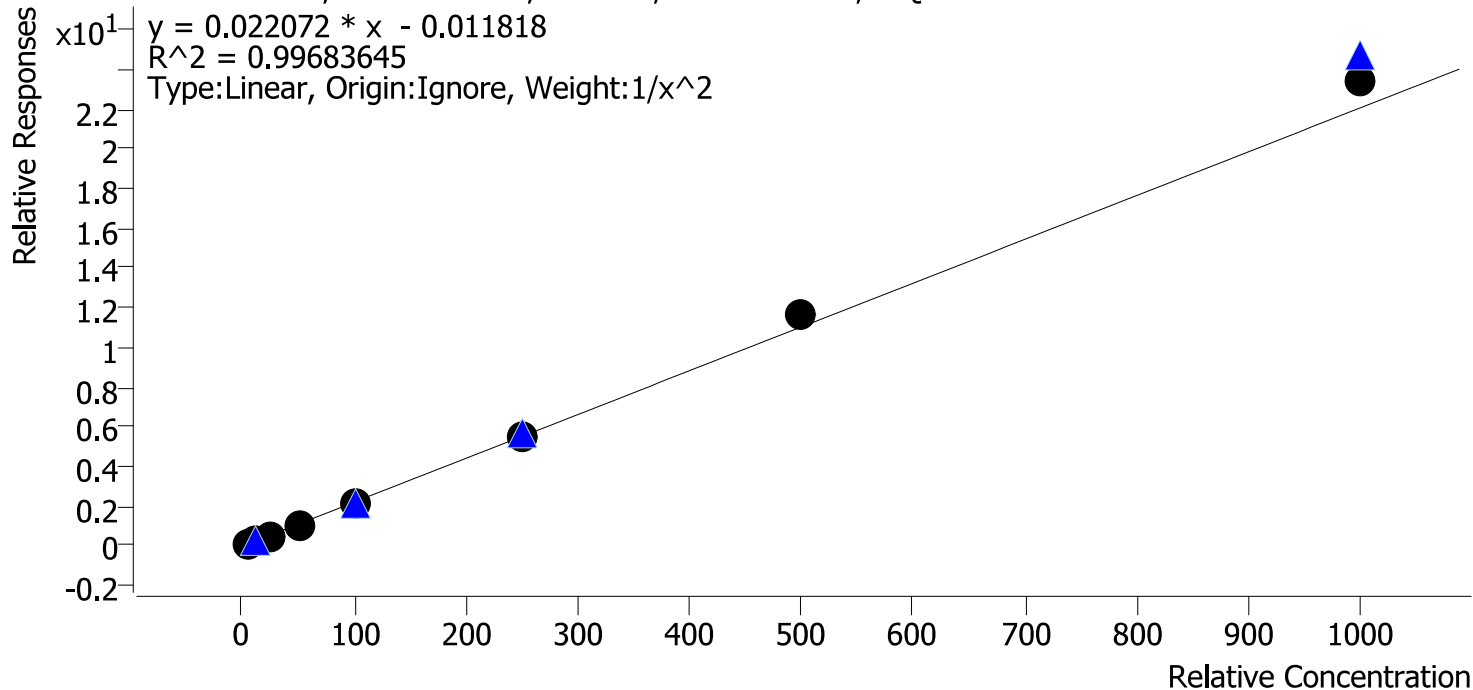


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	9.8	98.2
cal 3 mdq	3	✓	25.0	25.8	103.3
cal 4 mdq	4	✓	50.0	54.1	108.2
cal 5 mdq	5	✓	100.0	107.8	107.8
cal 6 mdq	6	✓	250.0	240.4	96.2
cal 7 mdq	7	✓	500.0	436.0	87.2
cal 8 mdq	8	×	1000.0	728.2	72.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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

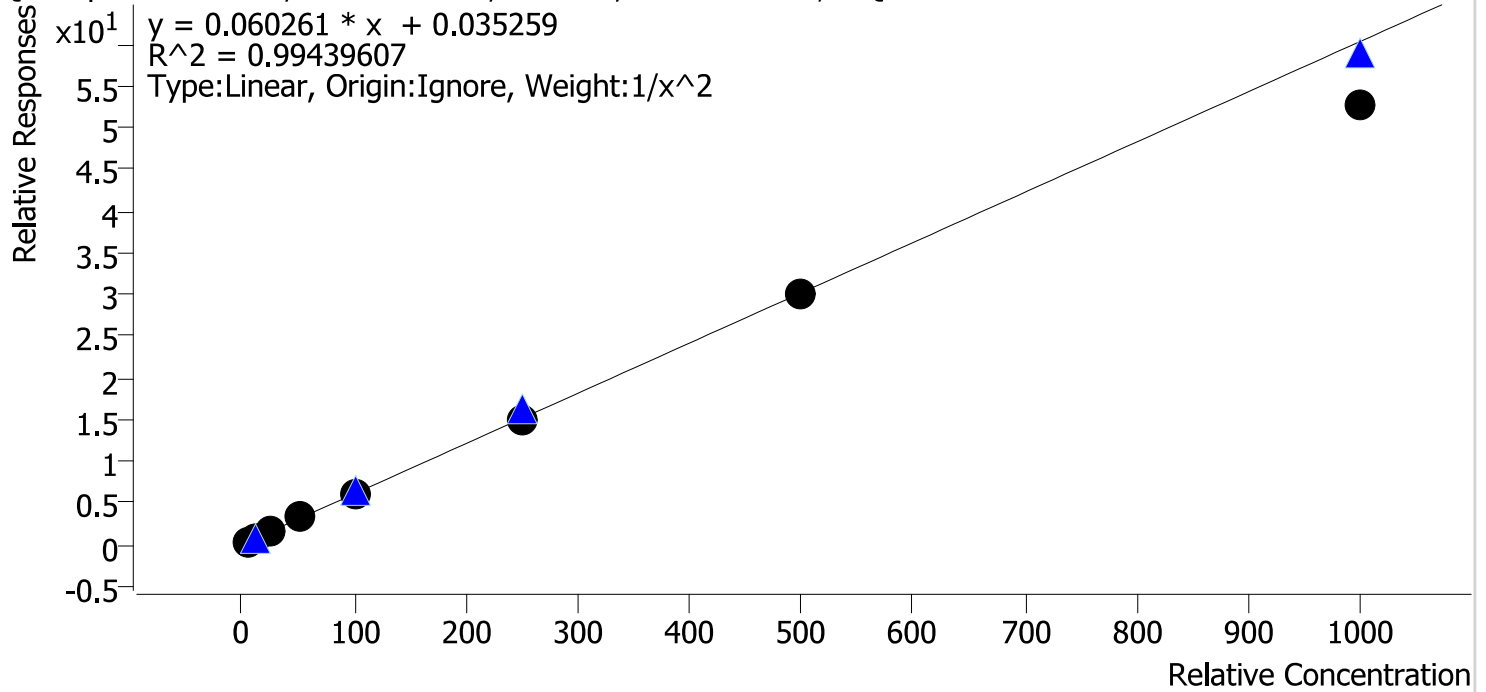


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.7
cal 2 mdq	2	✓	10.0	9.7	97.3
cal 3 mdq	3	✓	25.0	24.2	96.6
cal 4 mdq	4	✓	50.0	47.1	94.2
cal 5 mdq	5	✓	100.0	95.3	95.3
cal 6 mdq	6	✓	250.0	252.2	100.9
cal 7 mdq	7	✓	500.0	532.6	106.5
cal 8 mdq	8	✓	1000.0	1064.8	106.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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

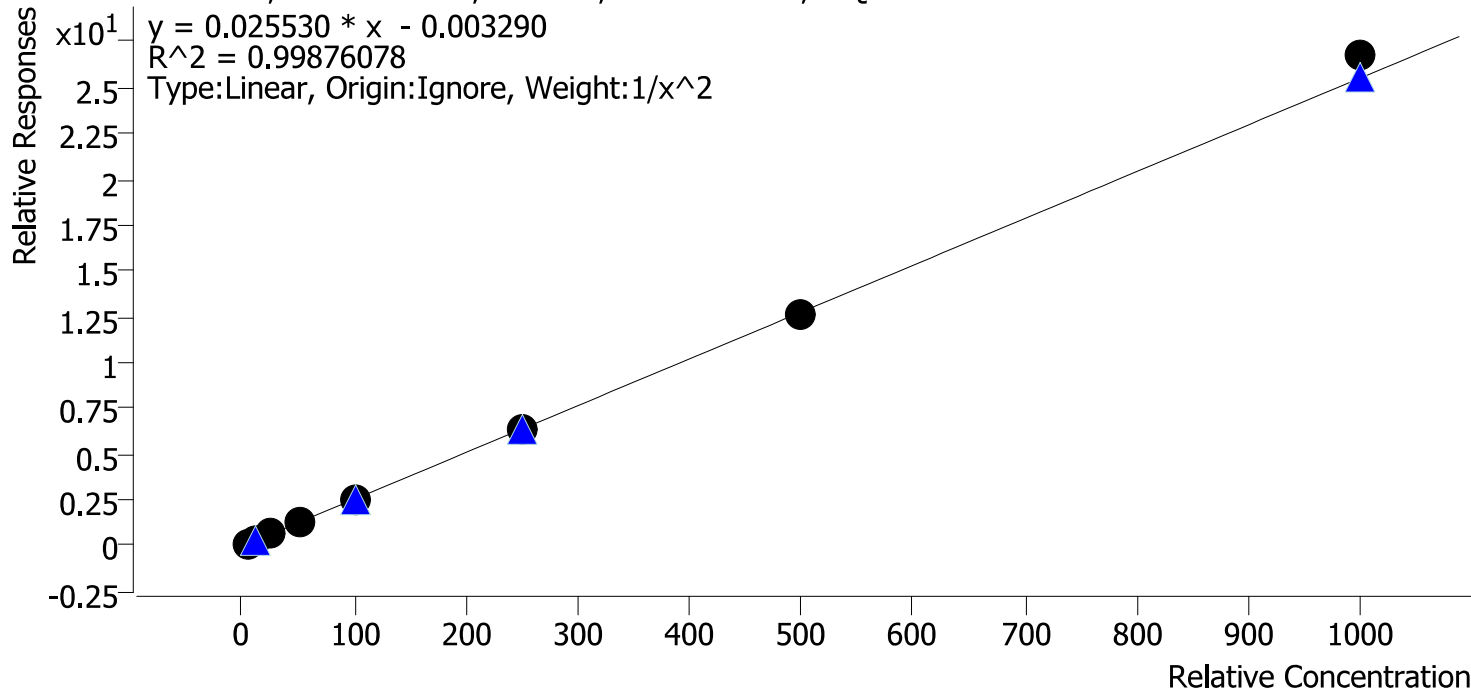


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.6
cal 2 mdq	2	✓	10.0	10.6	105.7
cal 3 mdq	3	✓	25.0	26.0	103.8
cal 4 mdq	4	✓	50.0	53.9	107.7
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdq	6	✓	250.0	245.0	98.0
cal 7 mdq	7	✓	500.0	500.3	100.1
cal 8 mdq	8	✓	1000.0	871.8	87.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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

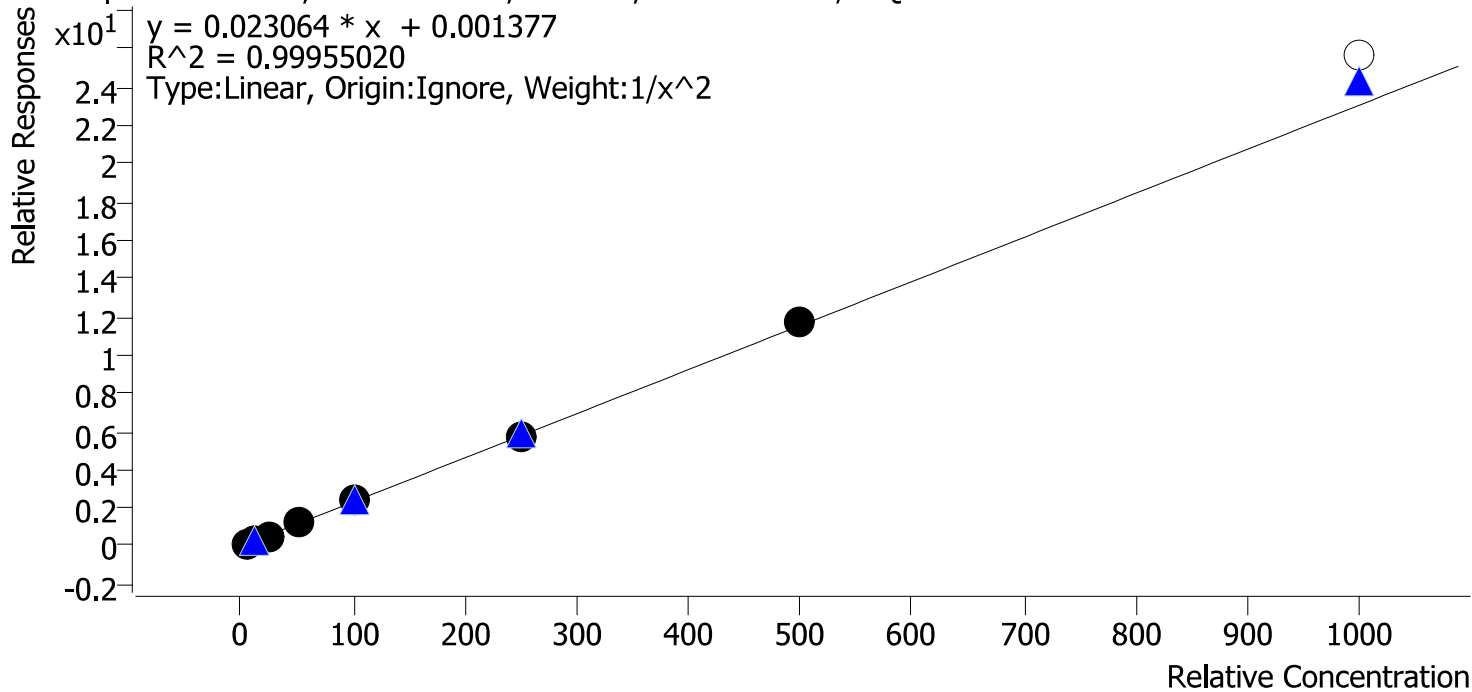


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.8
cal 2 mdq	2	✓	10.0	9.8	98.5
cal 3 mdq	3	✓	25.0	24.0	96.0
cal 4 mdq	4	✓	50.0	48.2	96.3
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdq	6	✓	250.0	251.6	100.6
cal 7 mdq	7	✓	500.0	497.2	99.4
cal 8 mdq	8	✓	1000.0	1048.0	104.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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

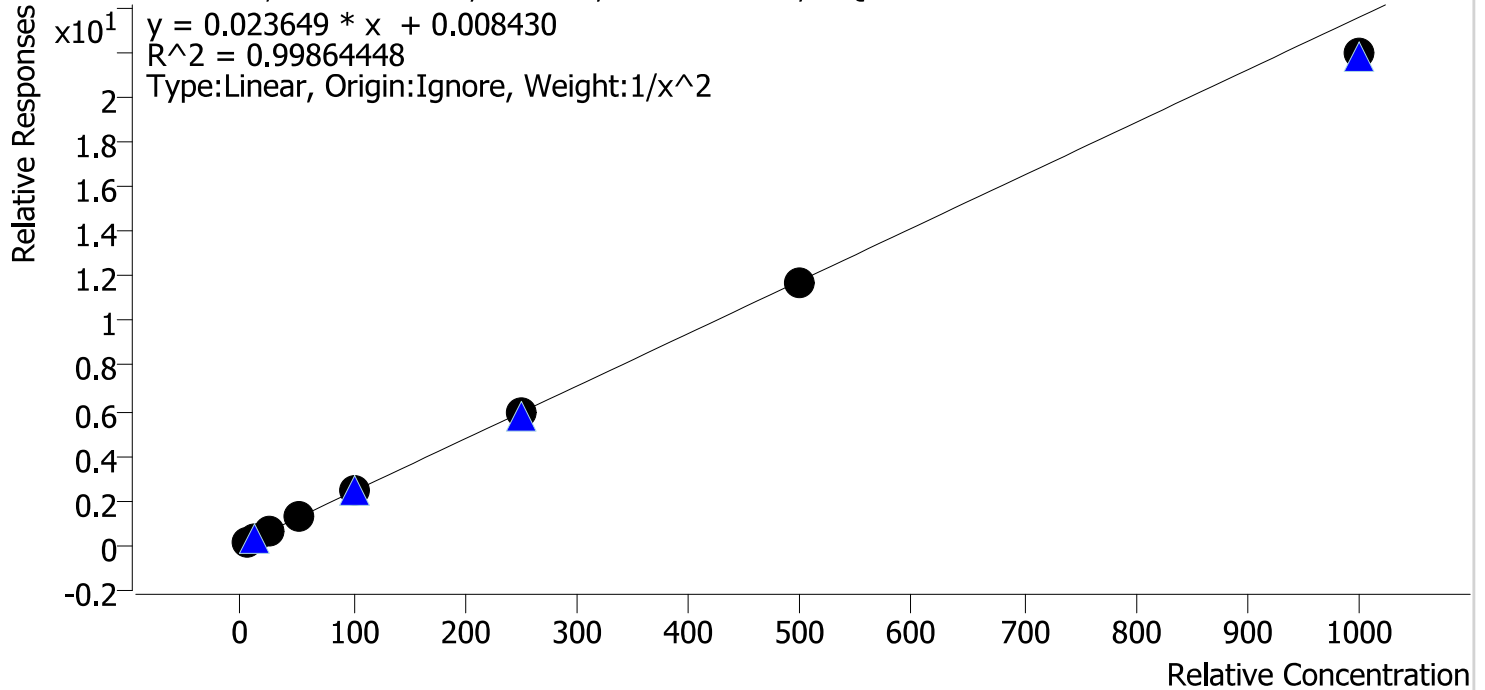


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.8
cal 2 mdq	2	✓	10.0	9.7	96.8
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdq	6	✓	250.0	250.7	100.3
cal 7 mdq	7	✓	500.0	506.4	101.3
cal 8 mdq	8	×	1000.0	1112.6	111.3

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Tramadol	Internal Standard	Tramadol-13C-D3

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

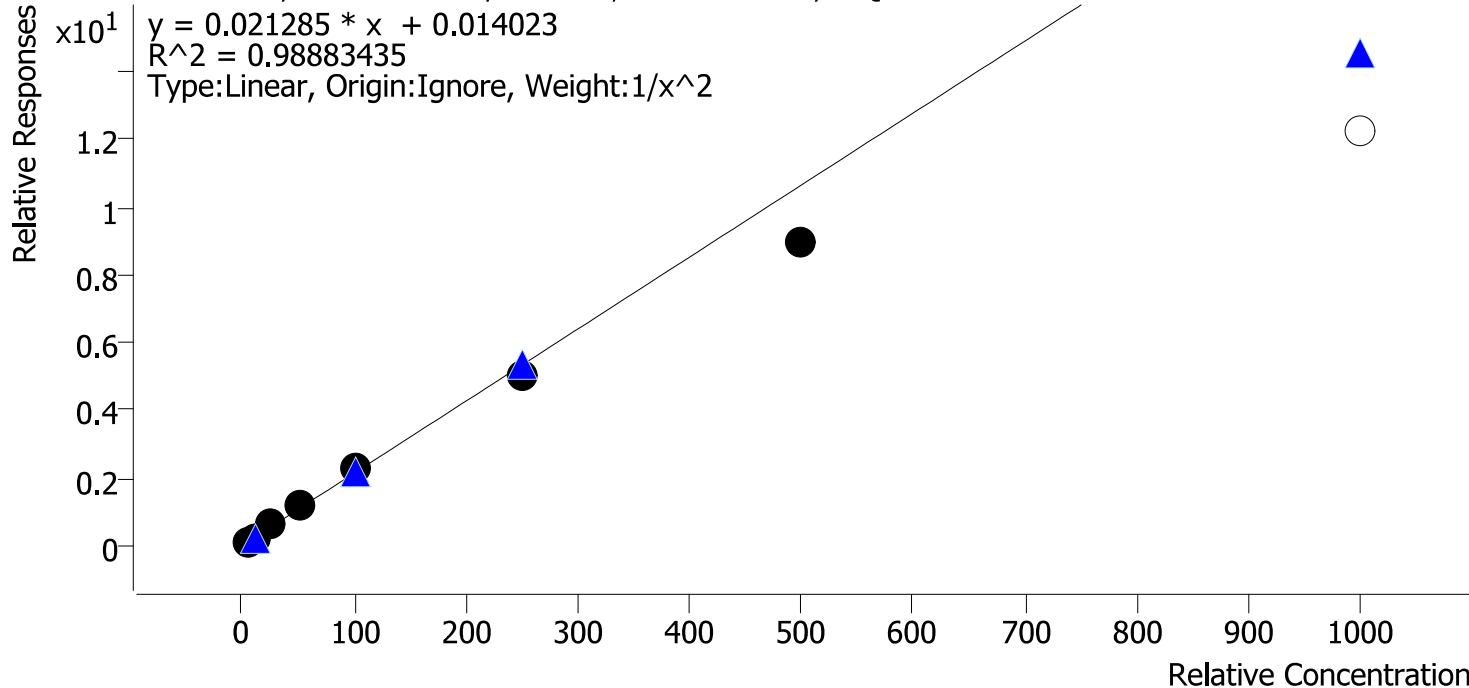


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.3
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	25.7	102.9
cal 4 mdq	4	✓	50.0	51.2	102.3
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	250.9	100.4
cal 7 mdq	7	✓	500.0	496.8	99.4
cal 8 mdq	8	✓	1000.0	930.9	93.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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

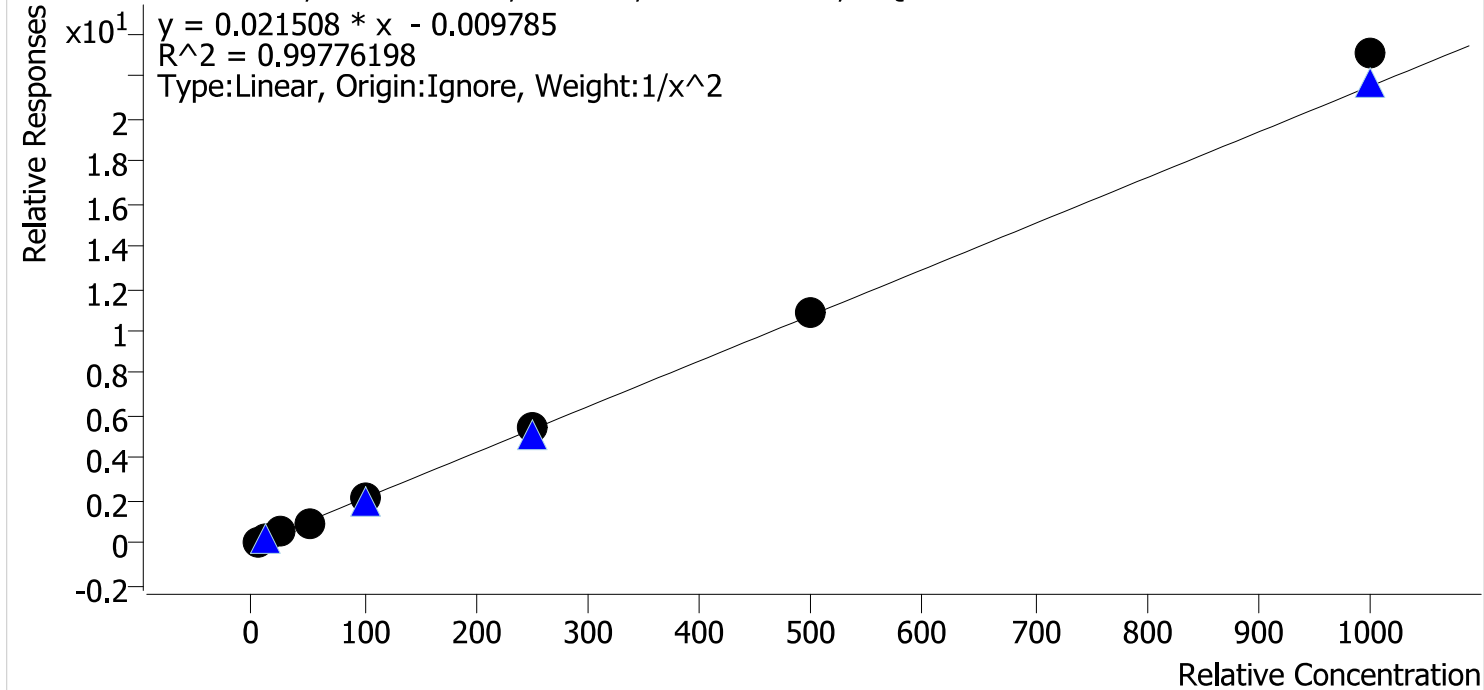


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.8
cal 2 mdq	2	✓	10.0	10.3	103.3
cal 3 mdq	3	✓	25.0	27.3	109.1
cal 4 mdq	4	✓	50.0	53.7	107.4
cal 5 mdq	5	✓	100.0	105.5	105.5
cal 6 mdq	6	✓	250.0	237.9	95.2
cal 7 mdq	7	✓	500.0	418.7	83.7
cal 8 mdq	8	×	1000.0	577.8	57.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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

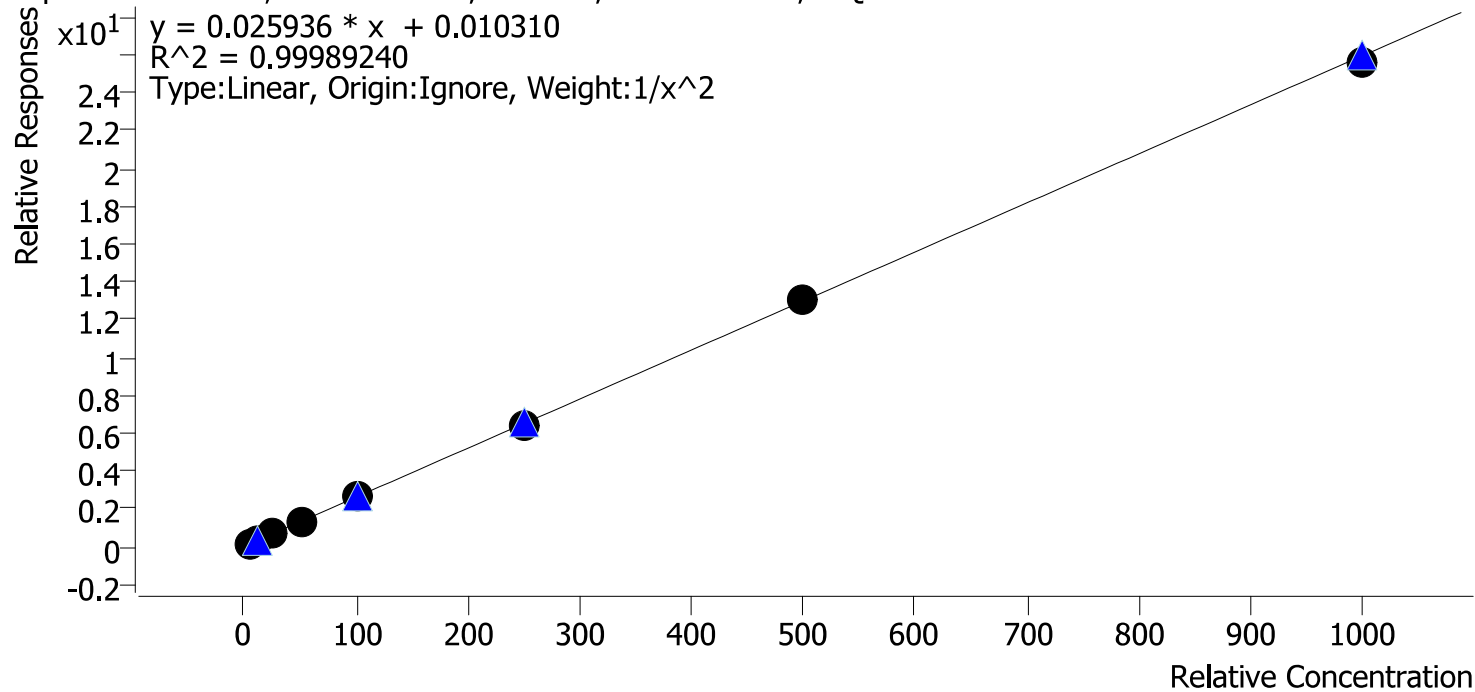


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.4
cal 2 mdq	2	✓	10.0	9.8	97.7
cal 3 mdq	3	✓	25.0	24.1	96.3
cal 4 mdq	4	✓	50.0	47.6	95.1
cal 5 mdq	5	✓	100.0	97.0	97.0
cal 6 mdq	6	✓	250.0	256.7	102.7
cal 7 mdq	7	✓	500.0	508.0	101.6
cal 8 mdq	8	✓	1000.0	1071.4	107.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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

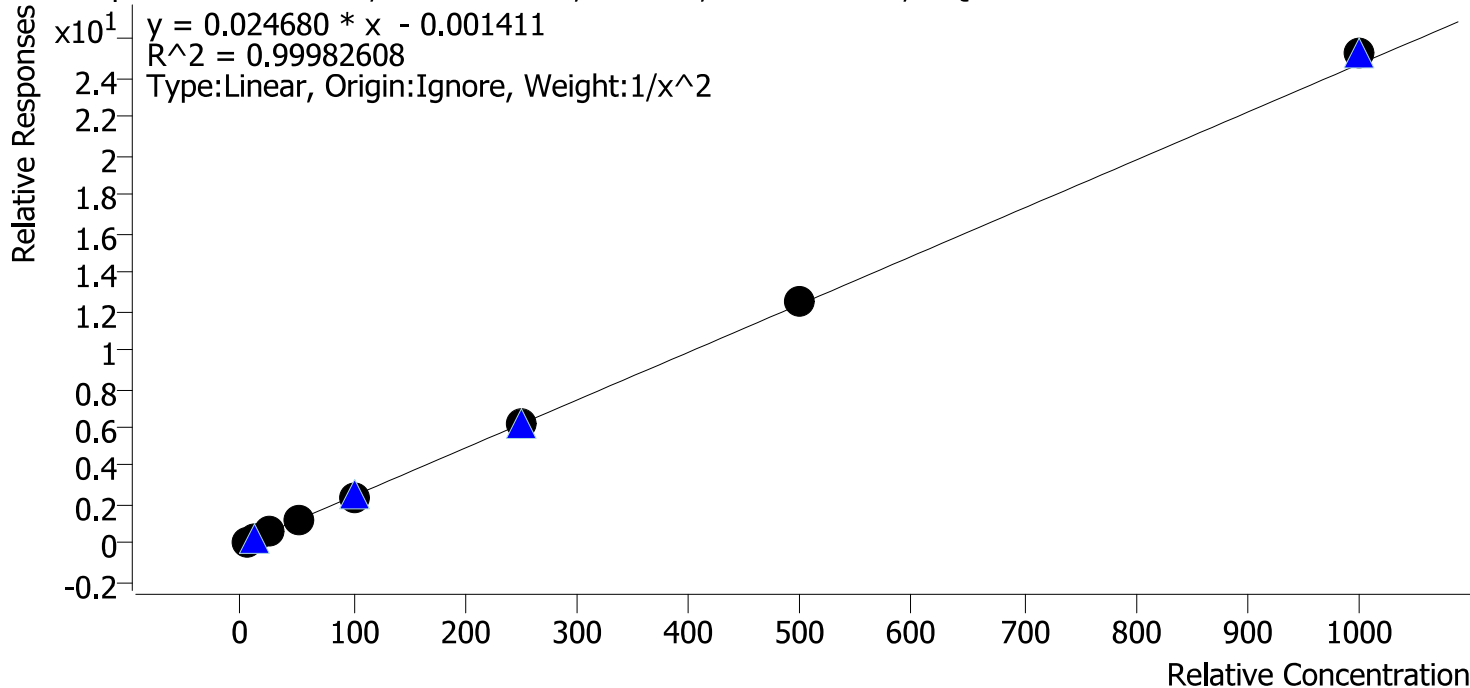


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	10.1	100.5
cal 3 mdq	3	✓	25.0	25.2	100.8
cal 4 mdq	4	✓	50.0	50.3	100.7
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	246.4	98.6
cal 7 mdq	7	✓	500.0	499.7	99.9
cal 8 mdq	8	✓	1000.0	989.9	99.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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

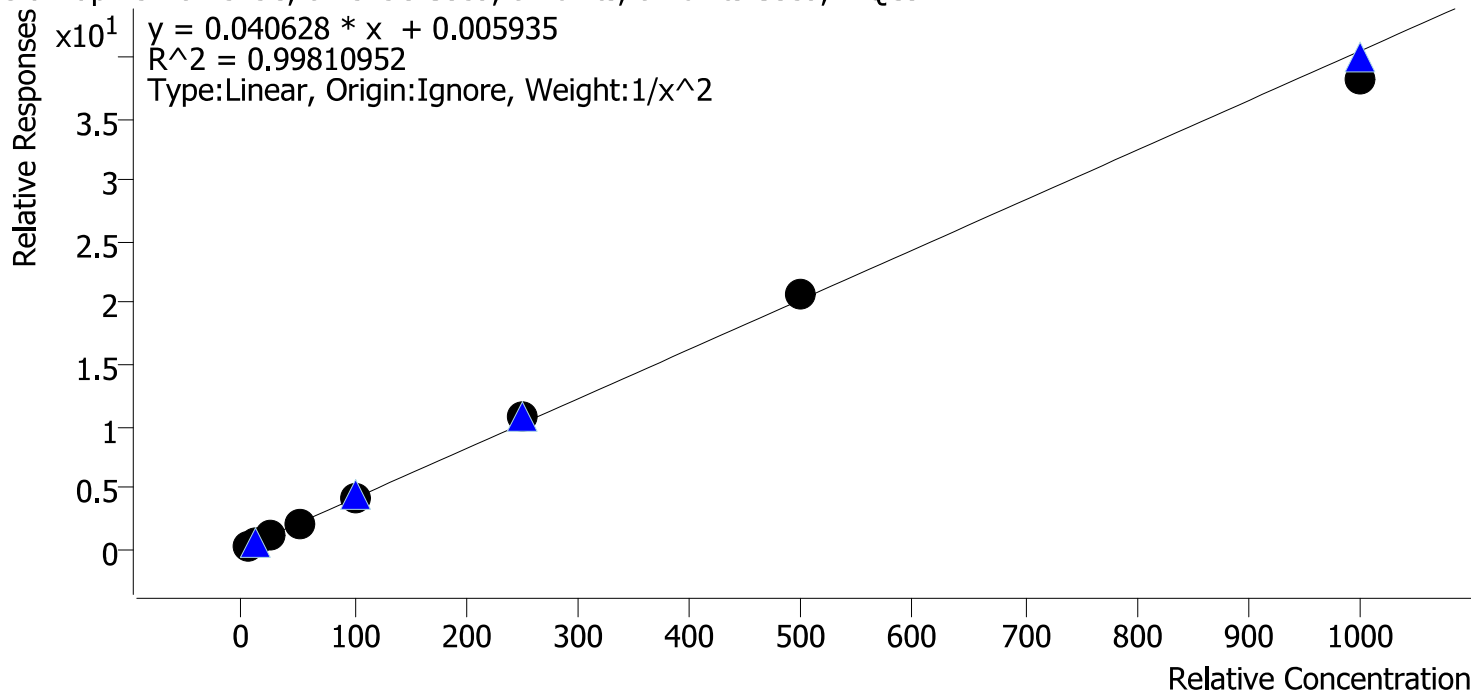


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.1
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	49.4	98.8
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	248.4	99.4
cal 7 mdq	7	✓	500.0	504.1	100.8
cal 8 mdq	8	✓	1000.0	1022.2	102.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\lam 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-d8

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

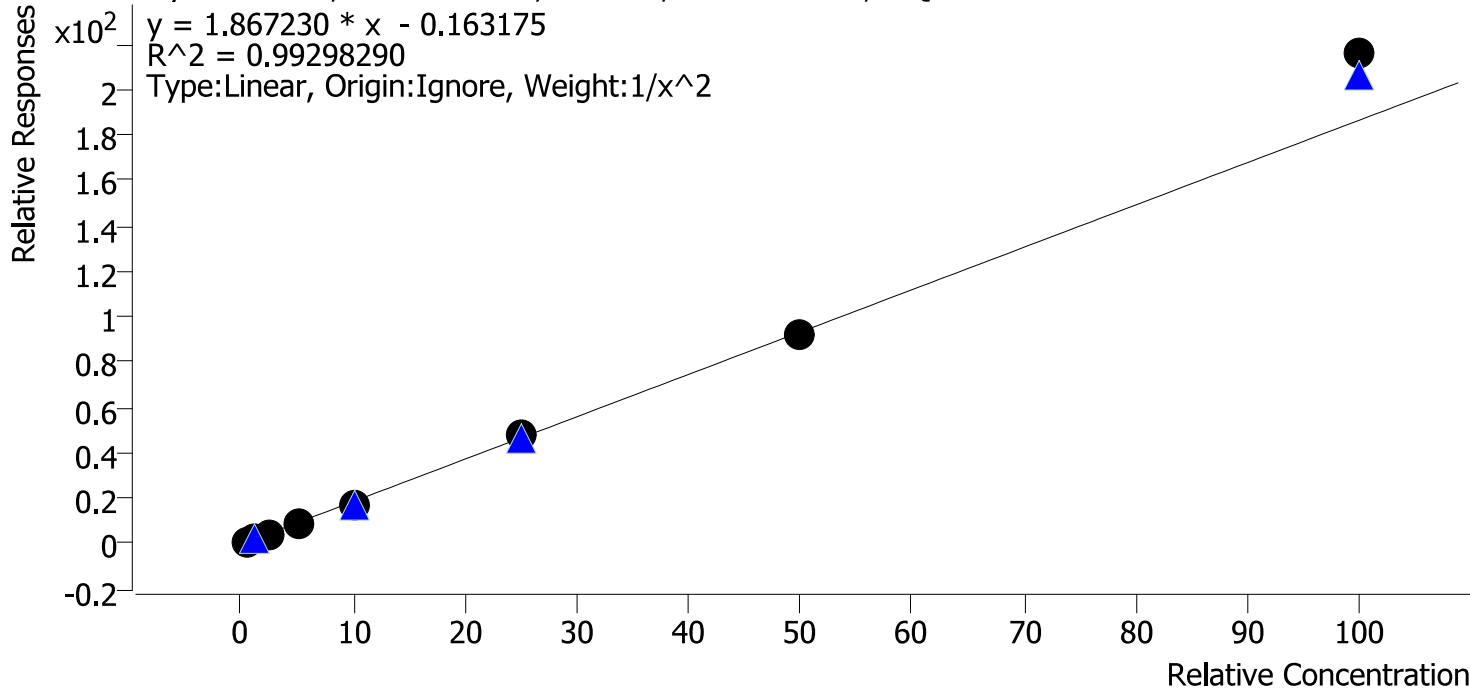


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	10.3	102.6
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	48.1	96.3
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdq	6	✓	250.0	264.7	105.9
cal 7 mdq	7	✓	500.0	507.6	101.5
cal 8 mdq	8	✓	1000.0	939.7	94.0

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Fluorofentanyl	Internal Standard	Fluorofentanyl-D5

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

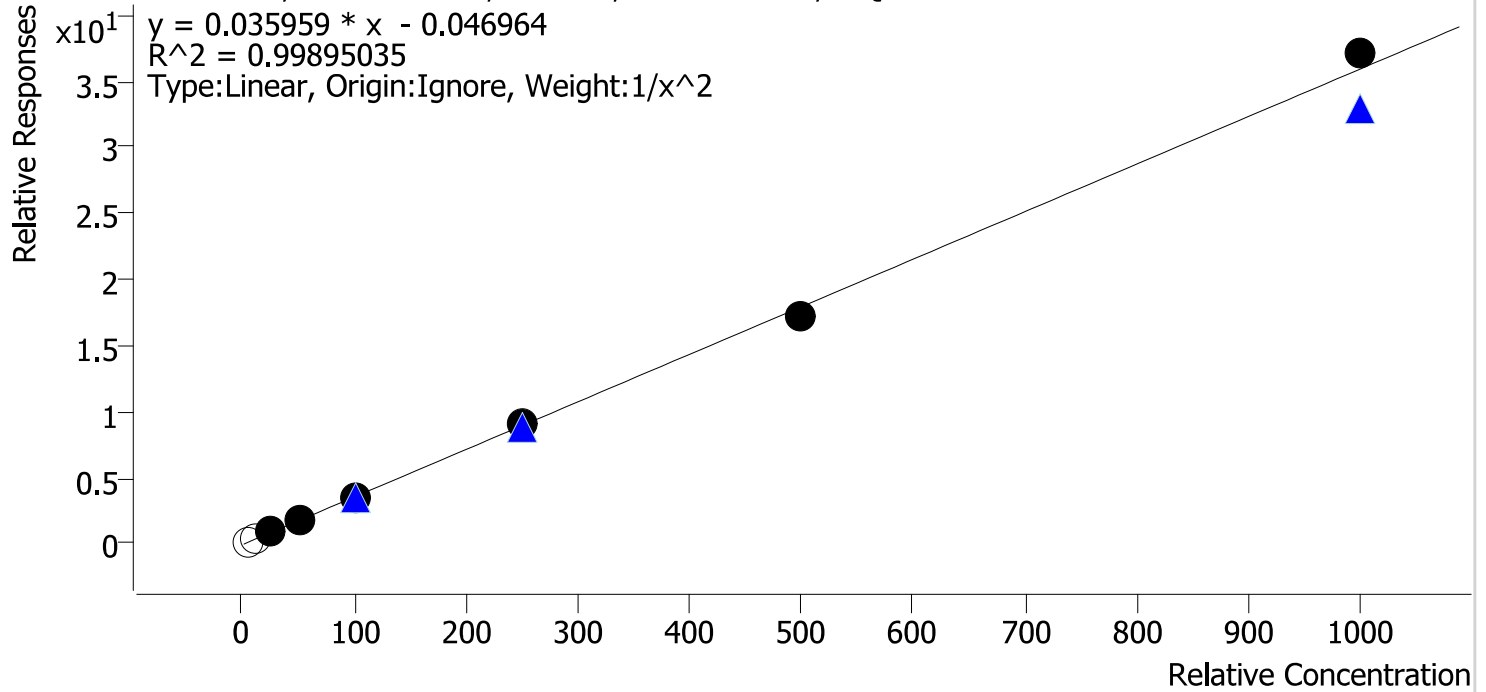


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	103.4
cal 2 mdq	2	✓	1.0	1.0	96.7
cal 3 mdq	3	✓	2.5	2.4	95.4
cal 4 mdq	4	✓	5.0	4.7	93.5
cal 5 mdq	5	✓	10.0	9.4	94.4
cal 6 mdq	6	✓	25.0	25.6	102.4
cal 7 mdq	7	✓	50.0	49.3	98.5
cal 8 mdq	8	✓	100.0	115.7	115.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Last Cal. Update 1/25/2023 3:15 PM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-d3

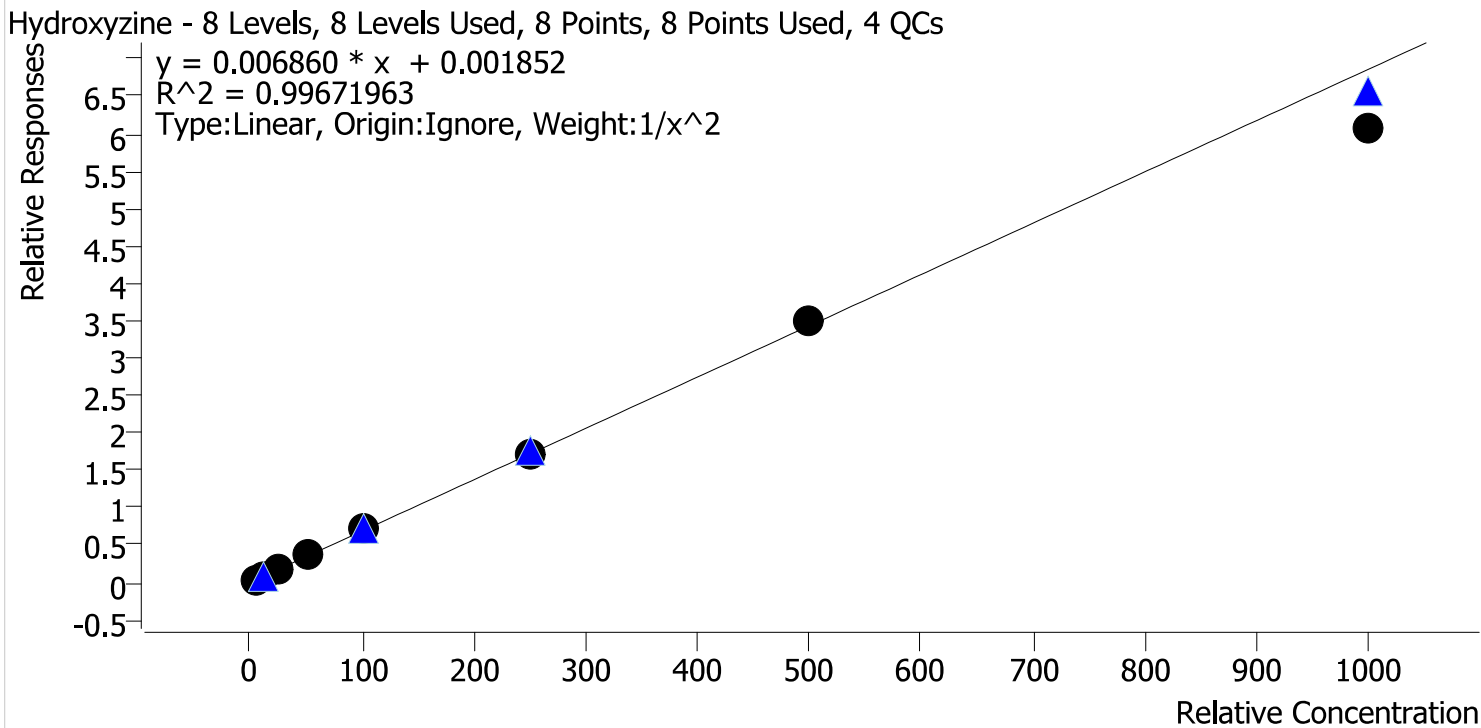
Duloxetine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	×	5.0	6.0	120.6
cal 2 mdq	2	×	10.0	10.9	109.3
cal 3 mdq	3	✓	25.0	25.2	100.7
cal 4 mdq	4	✓	50.0	49.6	99.3
cal 5 mdq	5	✓	100.0	98.1	98.1
cal 6 mdq	6	✓	250.0	255.8	102.3
cal 7 mdq	7	✓	500.0	482.0	96.4
cal 8 mdq	8	✓	1000.0	1032.4	103.2

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Hydroxyzine	Internal Standard	Promethazine-D3

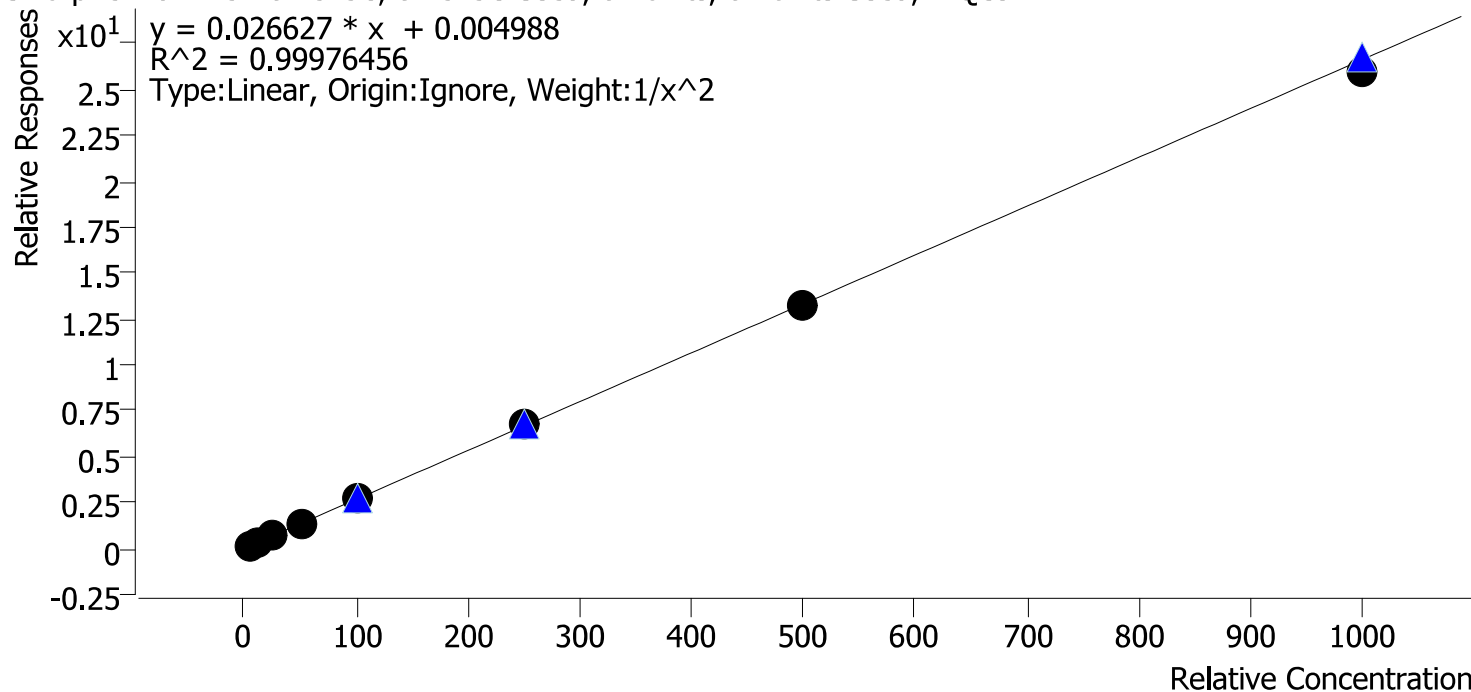


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.2	102.4
cal 3 mdq	3	✓	25.0	25.8	103.3
cal 4 mdq	4	✓	50.0	52.0	104.1
cal 5 mdq	5	✓	100.0	102.2	102.2
cal 6 mdq	6	✓	250.0	250.1	100.1
cal 7 mdq	7	✓	500.0	508.4	101.7
cal 8 mdq	8	✓	1000.0	887.0	88.7

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	Chlorpheniramine	Internal Standard	Chlorpheniramine-d6

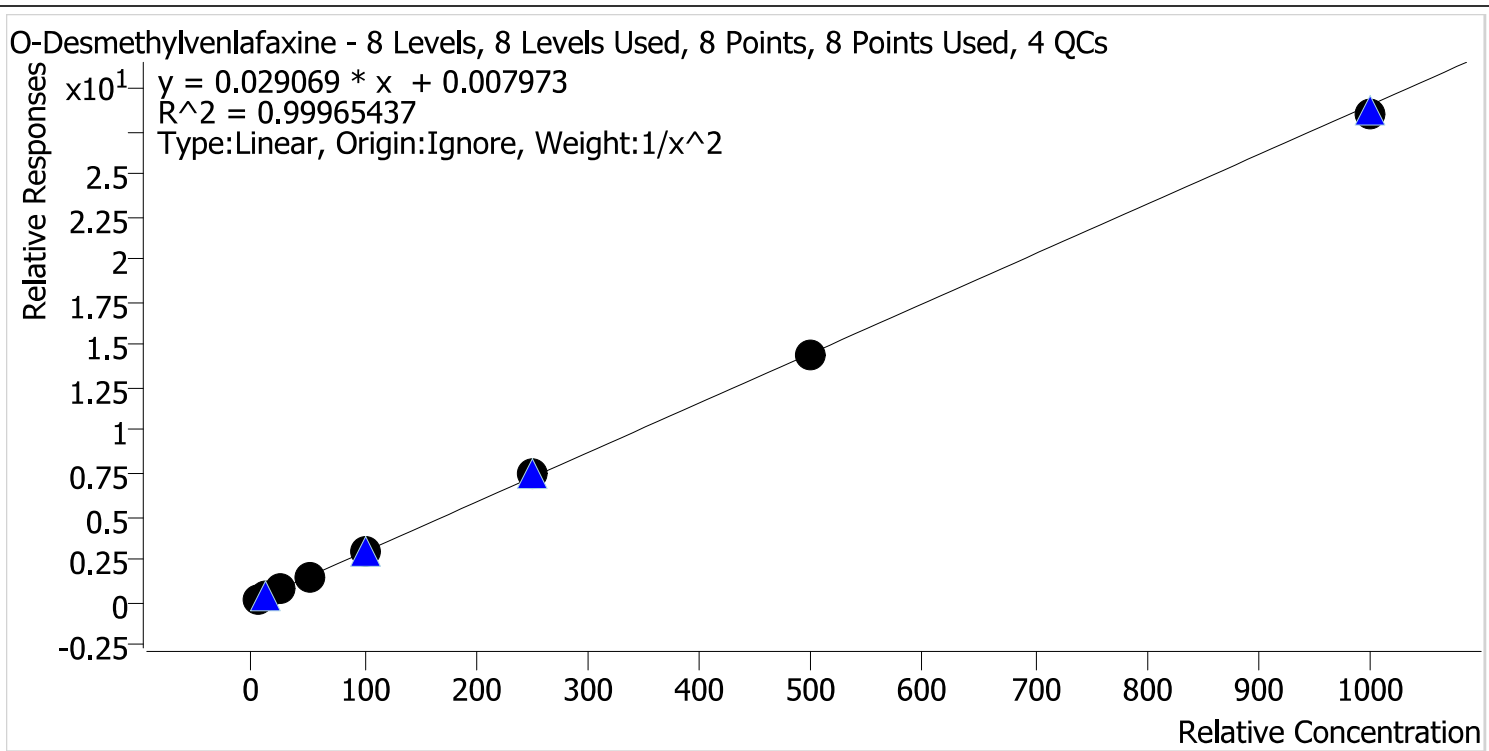
Chlorpheniramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	50.4	100.9
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	493.5	98.7
cal 8 mdq	8	✓	1000.0	975.9	97.6

Compound Calibration Report

Batch results	D:\MassHunter\Data\2023\1am 27-28\012323\QuantResults\mdq.batch.bin		
Last Cal. Update	1/25/2023 3:15 PM		
Analyst Name	ISP\datastor		
Analyte	O-Desmethylvenlafaxine	Internal Standard	O-Desmethylvenlafaxine-d6



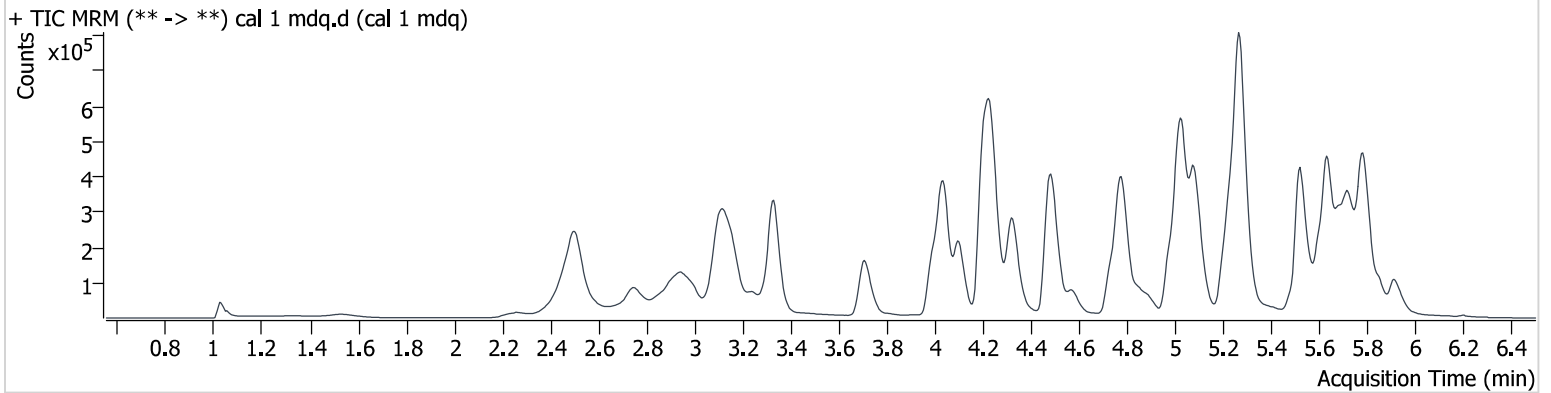
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	50.4	100.8
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	254.4	101.8
cal 7 mdq	7	✓	500.0	493.5	98.7
cal 8 mdq	8	✓	1000.0	979.9	98.0

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

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 1/23/2023 1:29:18 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.103	1361	1942.2	141.82	8097.8	68705	0.492 ng/ml
7-aminoclonazepam	4.221	12771	2178.2	123.93	695.6	138337	4.805 ng/ml
a-hydroxyalprazolam	5.666	4609	170.4	74.70	5397.8	378875	5.155 ng/ml
alpha-PHP	4.900	25602	1056.4	259.12	5918.3	650172	5.086 ng/ml
alpha-PVP	4.331	87167	42782.5	57.88	∞	650172	5.031 ng/ml
Alprazolam	5.739	44041	1017.4	93.11	846.6	303901	5.046 ng/ml
Amphetamine	2.995	61296	1499.9	294.36	1986.9	348509	4.755 ng/ml
Benzoylcegonine	3.833	1886	68.3	35.10	8.5 Low	11491	5.212 ng/ml
Buprenorphine	5.638	2797	821.8	10.30 Low	∞	80654	0.426 ng/ml
Bupropion	4.751	77042	5742.7	77.52	6960.8	443445	4.831 ng/ml
Carisoprodol	5.695	32327	59405.8	69.92	202.4	183001	4.898 ng/ml
Chlorpheniramine	5.084	136380	19565.2	0.27	1631.7	994408	4.963 ng/ml
Citalopram	5.206	64452	1612.6	33.22	∞	469823	5.094 ng/ml
Clonazepam	5.582	28430	6203.3	36.07	8782.1	116188	4.873 ng/ml
Clonazolam	5.524	24354	22054.5	41.68	5385.4	116188	5.586 ng/ml
Cocaine	4.236	62989	13224.7	51.35	20932.9	1001850	4.919 ng/ml
Cyclobenzaprine	5.606	83803	2324.4	8.33	92.3	462535	5.061 ng/ml
Dextromethorphan	5.244	48279	∞	75.49	∞	466033	4.833 ng/ml
Dextrorphan	4.100	53097	5116.4	44.50	83072.8	498362	5.391 ng/ml
Diazepam	5.917	26777	1916.8	85.09	3106.8	228733	5.002 ng/ml
Diphenhydramine	5.271	209667	45263.7	32.20	11831.9	1881393	5.086 ng/ml
Doxylamine	4.497	179202	4717.7	97.23	26336.0	1164429	4.917 ng/ml
Duloxetine	5.631	7125	242.8	11.80	291.2	41941	6.030 ng/ml
EDDP	5.234	47395	∞	41.59	48465.4	441179	5.092 ng/ml
Etizolam	5.779	4638	8925.6	388.82	39956.3	228733	4.870 ng/ml
Fentanyl	5.051	7573	558.1	120.58	∞	686971	0.502 ng/ml
Flualprazolam	5.671	19373	37643.0	97.73	9486.6	303901	4.973 ng/ml
Fluorofentanyl	5.107	5437	1288.3	135.51	37.0	6779	0.517 ng/ml
Fluoxetine	5.693	51819	∞	6.43	19656.9	318164	4.966 ng/ml
Hydrocodone	2.972	32401	541.3	37.62	722.4	322181	4.877 ng/ml
Hydromorphone	1.537	9708	494.6	66.67	1279.5	52856	5.122 ng/ml
Hydroxyzine	5.670	37540	1954.1	117.57	993.6	1062052	4.883 ng/ml
Ketamine	4.004	59249	46437.4	36.16	553.2	493725	4.931 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.264	5359	1516.4	99.56	273.7	468073	4.886 ng/ml
Lorazepam	5.718	26522	∞	38.21	635.6	378875	4.710 ng/ml
MDA	3.157	88873	2915.1	30.94	801.1	468073	4.830 ng/ml
MDMA	3.248	51262	8248.7	110.85	4562.9	100527	4.976 ng/ml
Meprobamate	4.880	28815	3793.4	32.93	2696.1	169757	4.795 ng/ml
Methadone	5.635	119549	∞	56.31	12758.9	841135	4.916 ng/ml
Methamphetamine	3.168	183365	1977.9	39.57	587.8	926327	4.532 ng/ml
Metoprolol	4.298	14431	∞	95.93	∞	468073	5.108 ng/ml
Mirtazapine	4.574	120378	∞	49.55	∞	100527	5.130 ng/ml
Mitragynine	5.184	25290	68497.2	27.78	334103.9	1108283	4.954 ng/ml
Norbuprenorphine	4.978	459	426.7	107.19	4658.7	10807	0.509 ng/ml
Nordiazepam	5.860	25065	∞	53.49	141104.5	156708	5.135 ng/ml
Norfentanyl	4.050	1169	205.7	296.46	330.3	718142	0.519 ng/ml
Noroxycodone	2.864	21442	343.2	49.22	340.4	133671	5.116 ng/ml
O-desmethyl-tramadol	3.335	132847	34006.0	6.46	1068.0	1013269	4.982 ng/ml
O-Desmethylvenlafaxine	4.043	37077	398.7	234.81	4165.5	240022	5.040 ng/ml
Olanzapine	4.342	38919	17091.4	44.57	4218.7	187735	4.957 ng/ml
Oxazepam	5.725	43322	795.4	67.19	267.9	378875	4.930 ng/ml
Oxycodone	2.772	58376	1309.2	32.18	1392.2	326506	4.858 ng/ml
Phentermine	3.745	24639	488.4	12.71	312.5	530341	4.963 ng/ml
Promethazine	5.521	107853	581103.2	39.57	857.7	1062052	5.136 ng/ml
Pseudoephedrine	2.516	135361	6395.9	17.82	5243.0	1108283	5.006 ng/ml
Quetiapine	5.502	53516	∞	68.25	349534.4	165466	4.782 ng/ml
Sertraline	5.760	23875	80519.4	92.46	1212.3	188536	5.089 ng/ml
Temazepam	5.781	85934	7833.5	28.06	133.6	723478	5.090 ng/ml
Tramadol	4.212	149284	∞	3.49	166.3	1197115	4.917 ng/ml
Trazodone	5.020	70486	25242.7	82.84	88399.6	607799	4.790 ng/ml
Venlafaxine	5.017	99000	10622.3	48.66	564.0	986275	5.122 ng/ml
Zolpidem	4.795	143023	37455.6	25.11	1900.9	1026638	4.974 ng/ml

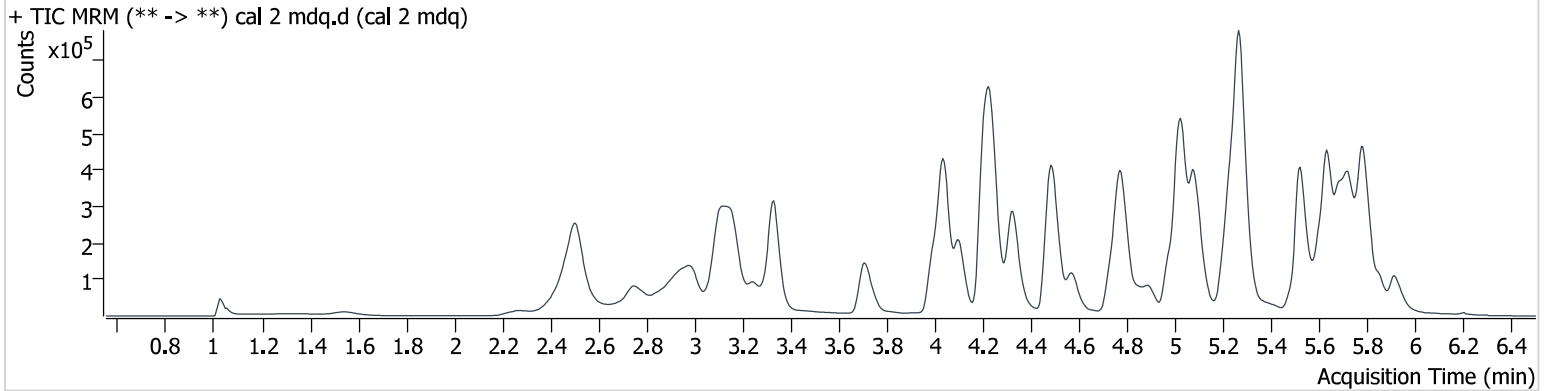
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

Instrument 69679
Type Cal
Acq. Method mdqp1 1-21-21long.m
Sample Position P2-B1
Injection Volume 3
Acq. Date-Time 1/23/2023 1:38:24 PM
Sample Info.

Data File cal 2 mdq.d
Sample cal 2 mdq
Operator Anne Nord
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.108	2313	∞	139.40	5959.3	56899	1.014 ng/ml
7-aminoclonazepam	4.221	21115	15635.6	117.67	314.4	113952	10.238 ng/ml
a-hydroxyalprazolam	5.666	7532	∞	70.97	13427.4	321451	9.590 ng/ml
alpha-PHP	4.900	44640	2620.1	245.93	10990.9	547420	10.036 ng/ml
alpha-PVP	4.331	149478	8835.0	55.38	2622.9	547420	10.054 ng/ml
Alprazolam	5.739	74705	596.1	92.21	655.6	254710	9.986 ng/ml
Amphetamine	2.990	102570	2554.9	287.99	6563.6	284476	10.697 ng/ml
Benzoylcegonine	3.838	2746	68.4	38.42	18.8	9647	9.449 ng/ml
Buprenorphine	5.627	4856	724.4	14.81	1404.2	71218	0.988 ng/ml
Bupropion	4.751	129050	30395.6	77.24	5008.7	365822	10.347 ng/ml
Carisoprodol	5.695	54450	84331.8	64.79	992.3	148796	10.354 ng/ml
Chlorpheniramine	5.084	225460	19403.0	0.29	573.5	822534	10.107 ng/ml
Citalopram	5.206	101900	2452.7	34.14	175993.6	393773	9.697 ng/ml
Clonazepam	5.577	51387	∞	32.66	47716.7	96467	10.458 ng/ml
Clonazolam	5.524	39118	6768.6	38.53	1718.3	96467	10.018 ng/ml
Cocaine	4.236	110176	16406.2	47.52	88746.8	833167	10.370 ng/ml
Cyclobenzaprine	5.606	132534	29681.4	8.49	6688.9	388768	9.682 ng/ml
Dextromethorphan	5.244	83622	5399.3	71.33	255189.5	377285	10.241 ng/ml
Dextrophan	4.105	86264	202335.4	46.27	77267.1	415766	10.045 ng/ml
Diazepam	5.922	45757	1782.8	84.72	35416.7	195561	10.039 ng/ml
Diphenhydramine	5.271	344787	15612.3	33.26	12377.2	1557530	9.848 ng/ml
Doxylamine	4.497	306905	36902.1	95.34	∞	978221	10.168 ng/ml
Duloxetine	5.636	16333	681.6	8.98	37.2	47218	10.925 ng/ml
EDDP	5.234	102367	3023.2	42.80	∞	483825	9.812 ng/ml
Etizolam	5.779	7601	7121.2	382.21	∞	195561	10.205 ng/ml
Fentanyl	5.051	12916	716.8	119.66	30454.1	559996	1.027 ng/ml
Flualprazolam	5.671	31114	∞	106.64	∞	254710	9.882 ng/ml
Fluorofentanyl	5.102	10054	3433.9	120.42	209.6	6122	0.967 ng/ml
Fluoxetine	5.693	121208	5251.1	6.08	18879.1	361319	10.127 ng/ml
Hydrocodone	2.972	55453	∞	37.55	265.4	268936	10.397 ng/ml
Hydromorphone	1.547	17874	565.5	73.07	792.1	56315	9.081 ng/ml
Hydroxyzine	5.675	62845	1726.7	111.70	557.0	871412	10.243 ng/ml
Ketamine	4.004	97959	30646.9	36.76	833.9	420631	10.073 ng/ml

AM #28 Multi-Drug Quant. Results

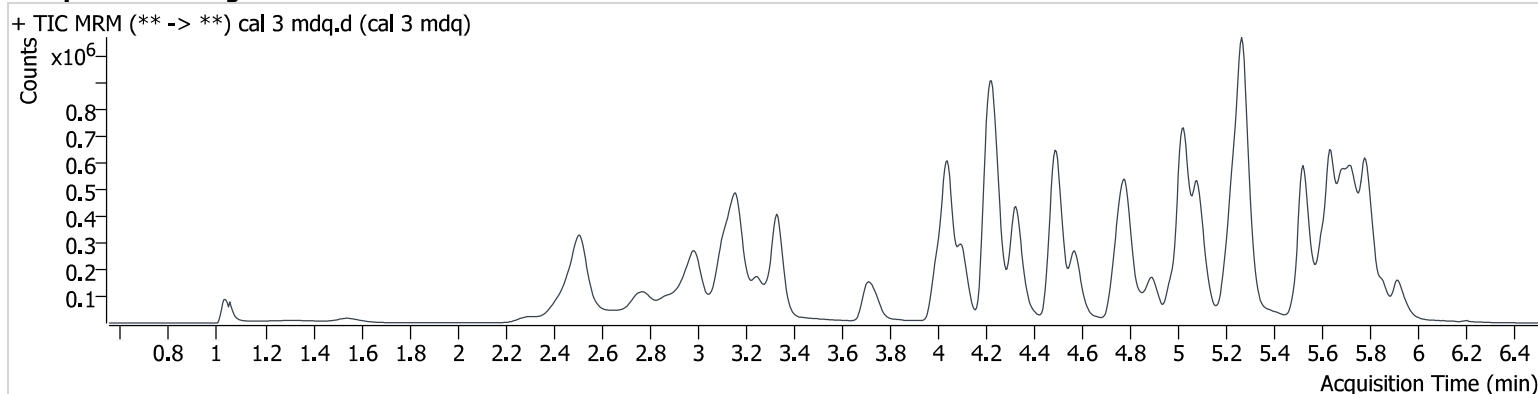
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.264	9478	2337.1	94.16	32138.6	400066	10.555 ng/ml
Lorazepam	5.713	42553	∞	41.22	1842.3	321451	10.382 ng/ml
MDA	3.157	144784	3793.4	33.51	∞	400066	10.116 ng/ml
MDMA	3.248	89313	∞	112.62	5303.4	89220	10.042 ng/ml
Meprobamate	4.875	46356	3775.6	34.37	1417.7	142966	10.345 ng/ml
Methadone	5.635	207117	196270.6	54.89	20989.9	698024	10.273 ng/ml
Methamphetamine	3.168	278578	2733.5	38.86	7783.6	879117	10.184 ng/ml
Metoprolol	4.298	23424	∞	99.67	∞	400066	9.669 ng/ml
Mirtazapine	4.574	204430	249336.8	48.85	35921.7	89220	9.704 ng/ml
Mitragynine	5.179	42098	47763.3	28.76	13322.9	1030899	9.851 ng/ml
Norbuprenorphine	4.978	784	1637.9	93.29	1946.6	11372	0.960 ng/ml
Nordiazepam	5.860	40152	15785.1	61.47	∞	135431	9.604 ng/ml
Norfentanyl	4.056	2430	168.8	307.25	365.2	758493	0.943 ng/ml
Noroxycodone	2.864	38196	436.1	53.08	1060.8	130171	9.565 ng/ml
O-desmethyl-tramadol	3.335	214481	34530.3	6.54	3000.1	857822	9.905 ng/ml
O-Desmethylvenlafaxine	4.043	58525	609.1	248.90	868.9	199575	9.814 ng/ml
Olanzapine	4.337	63480	34413.1	43.15	481.6	150160	10.259 ng/ml
Oxazepam	5.725	74667	1817.1	68.86	841.2	321451	10.148 ng/ml
Oxycodone	2.772	99402	11922.5	31.40	1156.9	269737	10.723 ng/ml
Phentermine	3.745	40569	4288.7	12.19	594.7	459176	9.817 ng/ml
Promethazine	5.521	176832	1274696.9	38.32	46959.5	871412	9.729 ng/ml
Pseudoephedrine	2.516	253644	4129.1	17.46	3489.7	1030899	10.027 ng/ml
Quetiapine	5.497	89773	44158.0	66.00	56481.6	133594	10.566 ng/ml
Sertraline	5.755	41276	∞	101.84	137677.7	166398	9.845 ng/ml
Temazepam	5.781	138363	3848.5	29.36	178.9	615791	9.682 ng/ml
Tramadol	4.212	252434	∞	3.49	274.6	1015192	10.158 ng/ml
Trazodone	5.015	120694	95410.9	83.14	27967.4	516201	10.326 ng/ml
Venlafaxine	5.017	169128	8343.3	47.69	2434.4	844627	9.765 ng/ml
Zolpidem	4.790	235642	6180.7	25.22	7264.8	869250	10.055 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

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	1/23/2023 1:47:19 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.103	5860	7701.9	105.48	25399.7	56618	2.588 ng/ml
7-aminoclonazepam	4.221	49931	1010.4	120.09	4296.0	103942	27.479 ng/ml
a-hydroxyalprazolam	5.660	18701	1067.2	71.36	5521.9	306221	24.406 ng/ml
alpha-PPH	4.895	109267	5769.4	247.31	6677.2	553654	23.629 ng/ml
alpha-PVP	4.331	366549	52190.8	54.93	19844.8	553654	24.114 ng/ml
Alprazolam	5.739	179431	1443.5	94.46	1270.4	251303	23.994 ng/ml
Amphetamine	2.990	249063	7784.1	283.38	22821.3	300554	25.758 ng/ml
Benzoylcegonine	3.838	7233	145838.5	36.63	95.8	10553	23.531 ng/ml
Buprenorphine	5.627	11000	805.1	15.69	4408.1	70874	2.446 ng/ml
Bupropion	4.751	324459	269340.8	74.98	6688.7	370873	26.435 ng/ml
Carisoprodol	5.695	133699	691973.4	63.08	4661.2	152071	25.147 ng/ml
Chlorpheniramine	5.084	570421	32214.7	0.33	∞	847936	25.077 ng/ml
Citalopram	5.206	253498	14590.0	35.20	∞	391583	24.408 ng/ml
Clonazepam	5.582	120834	∞	36.66	116785.5	95250	24.731 ng/ml
Clonazepam	5.524	97465	12430.8	41.24	3407.6	95250	23.992 ng/ml
Cocaine	4.236	263899	36634.9	49.83	110984.7	833456	24.860 ng/ml
Cyclobenzaprine	5.606	343693	68824.9	8.61	2626.8	391291	25.230 ng/ml
Dextromethorphan	5.244	208511	∞	71.23	∞	378829	25.304 ng/ml
Dextrorphan	4.100	220997	∞	44.80	∞	421849	24.634 ng/ml
Diazepam	5.917	114022	12713.2	86.99	∞	196970	24.898 ng/ml
Diphenhydramine	5.271	870471	139742.3	32.44	19719.4	1570087	24.276 ng/ml
Doxylamine	4.492	777416	39457.0	94.38	40442.9	989632	25.668 ng/ml
Duloxetine	5.631	43256	252.5	9.71	166.1	50389	25.179 ng/ml
EDDP	5.234	294284	21656.3	42.50	∞	556014	24.210 ng/ml
Etizolam	5.779	18547	36517.7	393.43	∞	196970	26.072 ng/ml
Fentanyl	5.051	30544	2115.0	120.20	3377.7	571250	2.354 ng/ml
Flualprazolam	5.671	77563	2507.8	99.27	6669.0	251303	25.557 ng/ml
Fluorofentanyl	5.102	24323	14430.9	126.69	764.6	5667	2.386 ng/ml
Fluoxetine	5.693	303991	20046.6	6.19	85771.2	364640	25.025 ng/ml
Hydrocodone	2.972	137709	2245.0	36.16	990.1	270533	26.224 ng/ml
Hydromorphone	1.547	38090	594.4	75.43	1117.3	40678	27.409 ng/ml
Hydroxyzine	5.675	156347	491.1	116.14	2068.4	873828	25.813 ng/ml
Ketamine	4.004	243636	316558.6	37.16	1707.7	425637	25.539 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.264	21094	3597.4	102.97	∞	398027	24.126 ng/ml
Lorazepam	5.718	101585	∞	43.84	378.4	306221	28.510 ng/ml
MDA	3.157	362912	∞	33.03	4333.8	398027	27.015 ng/ml
MDMA	3.248	221686	∞	113.81	17445.8	90150	25.081 ng/ml
Meprobamate	4.875	114064	8140.1	33.46	3645.0	144911	26.975 ng/ml
Methadone	5.635	510743	625988.2	53.81	∞	694767	25.466 ng/ml
Methamphetamine	3.168	584735	∞	39.13	86433.9	859848	27.445 ng/ml
Metoprolol	4.298	59492	250296.7	93.20	7054.8	398027	24.628 ng/ml
Mirtazapine	4.569	512794	20130.6	48.72	45735.1	90150	23.909 ng/ml
Mitragynine	5.179	103633	298463.7	30.08	769224.7	1038555	25.875 ng/ml
Norbuprenorphine	4.973	1978	4882.4	100.26	∞	12602	2.459 ng/ml
Nordiazepam	5.860	100815	3290.9	60.64	1400.3	136480	24.079 ng/ml
Norfentanyl	4.050	6749	559.2	276.37	629.0	767794	2.445 ng/ml
Noroxycodone	2.864	95625	662.2	52.22	380.6	127134	24.908 ng/ml
O-desmethyl-tramadol	3.335	546619	30615.0	6.54	9364.9	861276	25.828 ng/ml
O-Desmethylvenlafaxine	4.049	145459	1000.9	244.46	1282.4	198584	24.924 ng/ml
Olanzapine	4.332	153137	6484.7	44.76	1619.5	151797	24.685 ng/ml
Oxazepam	5.720	179207	3719.1	65.03	827.7	306221	25.762 ng/ml
Oxycodone	2.777	243040	3391.8	29.32	2162.3	303945	24.051 ng/ml
Phentermine	3.745	102831	16353.3	11.88	529.0	454016	25.824 ng/ml
Promethazine	5.521	455557	∞	37.99	34572319.5	873828	24.155 ng/ml
Pseudoephedrine	2.516	636813	13347.1	17.65	5583.8	1038555	24.903 ng/ml
Quetiapine	5.497	222450	519952.6	64.91	180184.1	139092	25.955 ng/ml
Sertraline	5.755	100551	33341.5	105.62	46699.5	164976	24.002 ng/ml
Temazepam	5.781	339948	5100.2	28.99	697.0	598502	24.567 ng/ml
Tramadol	4.212	624342	∞	3.45	870.6	1012349	25.721 ng/ml
Trazodone	5.015	304830	38715.5	78.39	8643.6	512690	27.275 ng/ml
Venlafaxine	5.017	417836	12291.7	48.18	18696.3	822335	24.080 ng/ml
Zolpidem	4.790	576302	3046621.0	26.03	6042.0	867759	25.209 ng/ml

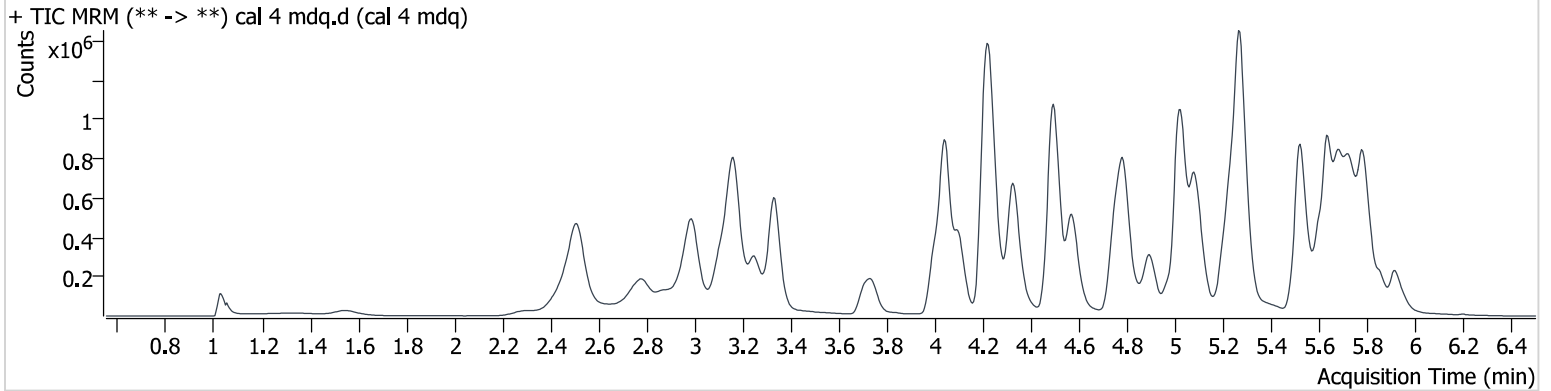
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

Instrument 69679
Type Cal
Acq. Method mdqp1 1-21-21long.m
Sample Position P2-D1
Injection Volume 3
Acq. Date-Time 1/23/2023 1:56:14 PM
Sample Info.

Data File cal 4 mdq.d
Sample cal 4 mdq
Operator Anne Nord
Comment

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.103	11818	20142.8	129.88	25825.6	58361	5.066 ng/ml
7-aminoclonazepam	4.221	99260	1340.2	118.32	7358.3	106380	53.930 ng/ml
a-hydroxyalprazolam	5.660	34645	742.3	68.34	801.1	285534	48.127 ng/ml
alpha-PPH	4.900	211261	22045.6	255.76	59557.1	544410	46.013 ng/ml
alpha-PVP	4.331	725589	68910.5	55.68	22758.4	544410	48.358 ng/ml
Alprazolam	5.739	352699	∞	89.61	∞	239403	49.273 ng/ml
Amphetamine	2.990	504244	21695.9	268.03	19696.0	299817	53.209 ng/ml
Benzoylcegonine	3.838	13477	3266.7	39.27	163.5	9917	47.196 ng/ml
Buprenorphine	5.627	20202	3496.9	16.53	2391.0	67511	4.860 ng/ml
Bupropion	4.751	641822	45339.4	74.69	33724.9	379373	51.608 ng/ml
Carisoprodol	5.695	246107	424079.7	63.31	6258.4	136732	51.684 ng/ml
Chlorpheniramine	5.084	1133727	102583.9	0.30	2120.2	841170	50.430 ng/ml
Citalopram	5.206	507325	15641.8	35.16	349901.5	385967	49.661 ng/ml
Clonazepam	5.582	238189	869027.2	34.41	291702.2	89436	51.780 ng/ml
Clonazepam	5.524	185511	14507.7	40.88	10822.1	89436	47.767 ng/ml
Cocaine	4.236	527921	∞	48.85	∞	834349	49.701 ng/ml
Cyclobenzaprine	5.606	655666	1316893.8	8.97	2404.4	383802	49.242 ng/ml
Dextromethorphan	5.244	402583	116336.0	72.28	134100.0	366242	50.448 ng/ml
Dextropropoxyphene	4.100	442090	220317.0	45.00	∞	419720	49.045 ng/ml
Diazepam	5.917	222837	13925.7	86.42	∞	194190	49.397 ng/ml
Diphenhydramine	5.276	1729318	293039.5	32.79	262372.6	1559120	48.308 ng/ml
Doxylamine	4.497	1562344	62135.7	95.45	326086.2	1002305	51.067 ng/ml
Duloxetine	5.636	60602	776.1	9.67	65.1	34869	49.639 ng/ml
EDDP	5.239	416747	42252.7	41.76	495636.7	392915	48.292 ng/ml
Etizolam	5.779	36791	∞	380.87	292225.1	194190	53.417 ng/ml
Fentanyl	5.051	61684	11938.4	124.11	6199.7	563538	4.797 ng/ml
Flualprazolam	5.671	152007	3835.9	94.42	2465.7	239403	52.984 ng/ml
Fluorofentanyl	5.102	47280	749.2	130.60	1234.6	5522	4.673 ng/ml
Fluoxetine	5.693	456791	28715.0	6.30	∞	273677	50.006 ng/ml
Hydrocodone	2.972	249631	12523.4	38.74	7902.5	273282	47.360 ng/ml
Hydromorphone	1.547	79974	301.0	71.98	2416.9	48167	48.845 ng/ml
Hydroxyzine	5.675	311729	2736.9	114.58	66530.4	868895	52.030 ng/ml
Ketamine	4.004	485216	19768.9	37.97	3749.4	419080	52.206 ng/ml

AM #28 Multi-Drug Quant. Results

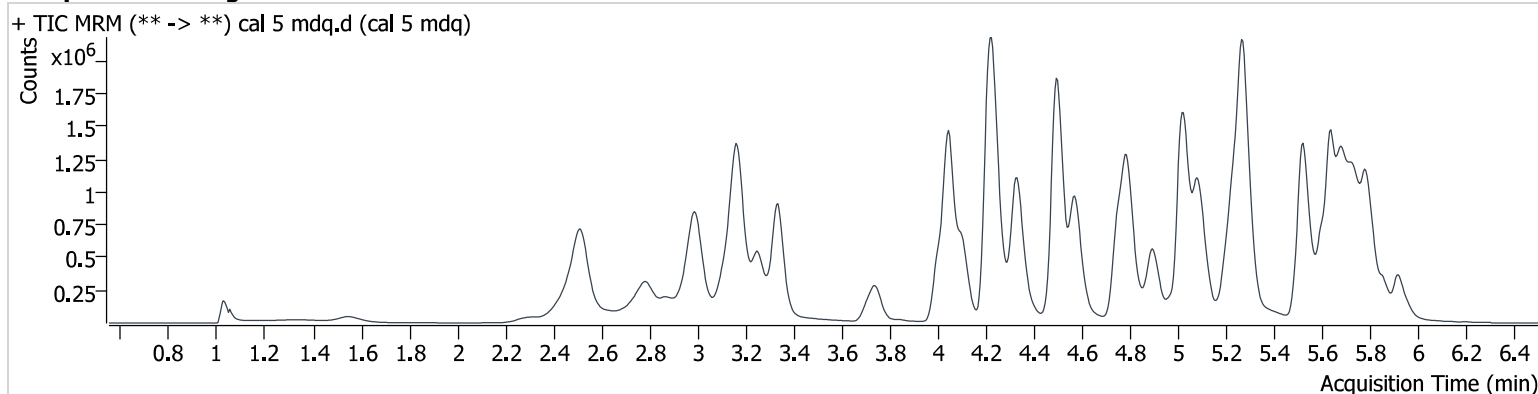
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.264	42483	7561.5	101.83	6979.2	391665	49.812 ng/ml
Lorazepam	5.718	181861	2687.3	44.27	1144.0	285534	56.261 ng/ml
MDA	3.157	705180	27248.0	30.34	∞	391665	54.325 ng/ml
MDMA	3.248	435642	62113.8	112.58	12578.7	87704	50.951 ng/ml
Meprobamate	4.875	223402	27726.0	32.48	2714.0	146176	53.602 ng/ml
Methadone	5.635	993453	∞	54.92	17069.1	688484	49.996 ng/ml
Methamphetamine	3.168	1011119	32595.4	39.64	5918.5	807092	54.667 ng/ml
Metoprolol	4.298	113815	171250.6	99.52	∞	391665	47.848 ng/ml
Mirtazapine	4.569	1029497	121042.3	48.49	69812.1	87704	49.209 ng/ml
Mitragynine	5.184	199348	12519.7	28.98	60346.2	994278	53.249 ng/ml
Norbuprenorphine	4.973	2866	4579.3	109.13	7278.2	9281	5.044 ng/ml
Nordiazepam	5.860	199153	∞	59.97	5357.0	129117	50.387 ng/ml
Norfentanyl	4.056	11240	960.6	263.73	1025.4	628744	4.889 ng/ml
Noroxycodone	2.864	174432	5950.8	53.96	2082.3	116111	49.996 ng/ml
O-desmethyl-tramadol	3.335	1104978	86549.9	6.46	4567.4	894387	50.699 ng/ml
O-Desmethylvenlafaxine	4.043	295605	2886.8	245.12	35417.1	200717	50.389 ng/ml
Olanzapine	4.332	298390	1537.5	46.21	789.6	152134	48.130 ng/ml
Oxazepam	5.720	330140	21202.2	68.32	∞	285534	51.023 ng/ml
Oxycodone	2.777	483461	∞	31.28	2021.6	294225	50.130 ng/ml
Phentermine	3.745	212086	34670.0	10.99	804.6	450918	54.079 ng/ml
Promethazine	5.526	893302	236310.6	39.97	9499.6	868895	47.115 ng/ml
Pseudoephedrine	2.516	1210280	24976.9	17.50	27430.2	994278	49.379 ng/ml
Quetiapine	5.497	450680	74935.7	64.10	166290.5	137366	53.859 ng/ml
Sertraline	5.760	190206	447976.4	99.39	26506.1	155123	48.158 ng/ml
Temazepam	5.787	658369	17296.5	29.48	2675.1	566597	50.321 ng/ml
Tramadol	4.212	1255949	∞	3.31	71177.6	1030654	51.171 ng/ml
Trazodone	5.015	593888	27233.2	78.66	64880.9	513260	53.703 ng/ml
Venlafaxine	5.017	839925	81018.1	47.27	12708.0	828882	47.570 ng/ml
Zolpidem	4.790	1160639	135052.1	26.54	40875.0	882137	50.332 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

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	1/23/2023 2:05:08 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.103	22398	51306.3	129.03	51321.7	55186	10.157 ng/ml
7-aminoclonazepam	4.221	198301	∞	117.00	∞	107771	106.923 ng/ml
a-hydroxyalprazolam	5.660	56123	2316.1	68.26	641.7	237778	93.274 ng/ml
alpha-PHP	4.900	411248	17582.2	251.93	87323.8	493033	98.370 ng/ml
alpha-PVP	4.331	1398379	477881.7	55.17	∞	493033	102.701 ng/ml
Alprazolam	5.739	642272	∞	90.91	3596.0	212387	100.908 ng/ml
Amphetamine	2.995	937984	26024.9	262.36	50596.1	275548	108.621 ng/ml
Benzoylcegonine	3.843	28419	40481.5	40.75	721.7	9563	103.864 ng/ml
Buprenorphine	5.627	39482	4589.9	16.15	5740.1	61108	10.672 ng/ml
Bupropion	4.751	1266317	1718224.2	73.59	33470.0	369269	105.145 ng/ml
Carisoprodol	5.695	408272	442442.3	63.90	∞	121199	96.897 ng/ml
Chlorpheniramine	5.089	2212634	80030.7	0.35	∞	820055	101.142 ng/ml
Citalopram	5.206	937859	51060.1	33.55	369562.1	345012	102.808 ng/ml
Clonazepam	5.577	433984	62188.9	34.30	327452.3	82904	101.655 ng/ml
Clonazolam	5.524	353448	74657.4	40.45	15962.4	82904	97.290 ng/ml
Cocaine	4.236	979923	648889.6	49.12	95591.7	777664	99.001 ng/ml
Cyclobenzaprine	5.606	1232690	164092.4	8.16	2388.6	333277	106.822 ng/ml
Dextromethorphan	5.244	744060	109744.8	74.17	381058.2	346196	98.556 ng/ml
Dextrophan	4.105	834864	∞	45.59	∞	402251	96.177 ng/ml
Diazepam	5.917	426379	12152.8	86.03	∞	185054	99.225 ng/ml
Diphenhydramine	5.271	3312970	190821.5	31.91	∞	1472035	97.755 ng/ml
Doxylamine	4.497	3018400	∞	95.97	5372916.6	973365	101.730 ng/ml
Duloxetine	5.636	110828	1466.0	12.17	455.7	31854	98.061 ng/ml
EDDP	5.234	884873	36288.9	42.17	45884.9	395973	101.499 ng/ml
Etizolam	5.779	66728	129167.6	396.42	41969.8	185054	102.522 ng/ml
Fentanyl	5.051	112956	7901.0	125.72	1012956.5	518344	9.529 ng/ml
Flualprazolam	5.671	263225	677429001.2	99.25	1989.5	212387	103.789 ng/ml
Fluorofentanyl	5.102	94828	6184.2	124.26	747.9	5431	9.439 ng/ml
Fluoxetine	5.693	800245	∞	6.52	68729.3	236938	101.090 ng/ml
Hydrocodone	2.972	493655	∞	36.41	∞	251032	102.395 ng/ml
Hydromorphone	1.547	160234	347.8	71.44	973.8	42521	111.261 ng/ml
Hydroxyzine	5.675	578423	12674.9	118.30	58134.6	823250	102.155 ng/ml
Ketamine	4.004	926517	685620.2	36.95	1477020.6	406101	103.393 ng/ml

AM #28 Multi-Drug Quant. Results

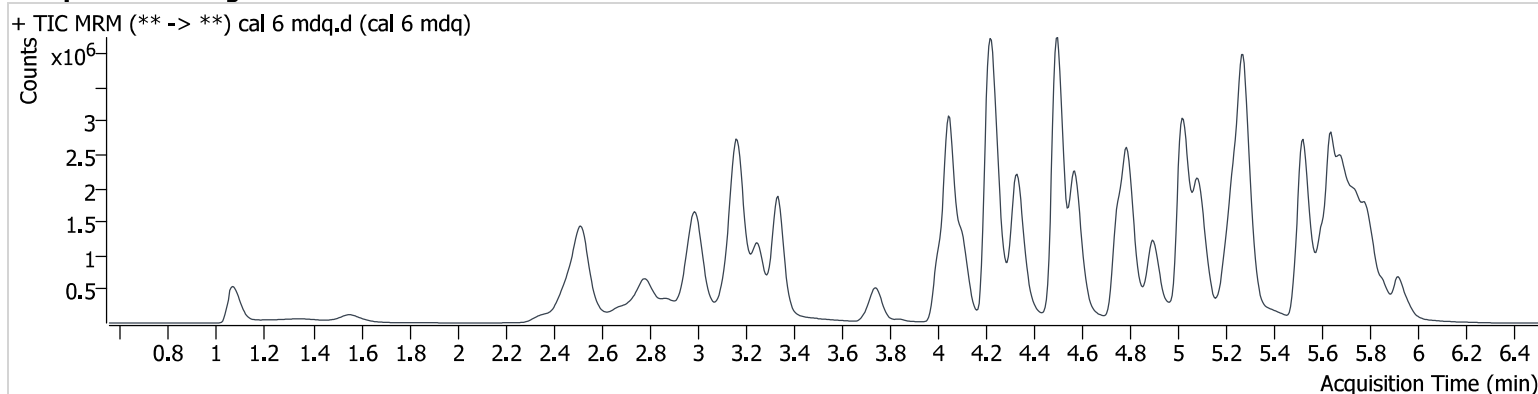
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.264	79485	6438.7	97.64	8520.0	350210	104.685 ng/ml
Lorazepam	5.718	278553	44862.4	46.19	1856.5	237778	104.870 ng/ml
MDA	3.157	1261008	263786.1	30.82	13414.5	350210	109.648 ng/ml
MDMA	3.253	828047	98999.5	113.19	43802.4	83460	102.054 ng/ml
Meprobamate	4.875	413451	11351.8	32.09	9746.2	137102	107.036 ng/ml
Methadone	5.635	1924630	27236.2	52.98	32119.9	668977	99.691 ng/ml
Methamphetamine	3.168	1913387	∞	40.36	∞	780188	111.685 ng/ml
Metoprolol	4.298	219146	950581.1	93.18	∞	350210	102.995 ng/ml
Mirtazapine	4.569	1970307	418063.5	49.17	106208.4	83460	98.846 ng/ml
Mitragynine	5.179	380667	∞	30.77	129678.3	953636	107.253 ng/ml
Norbuprenorphine	4.968	6001	18557.1	100.24	6801.6	9292	10.782 ng/ml
Nordiazepam	5.861	365603	∞	60.68	∞	120639	99.097 ng/ml
Norfentanyl	4.056	20682	791.6	271.55	2351.1	593019	9.460 ng/ml
Noroxycodone	2.869	338848	7513.4	51.54	1524.7	113896	99.254 ng/ml
O-desmethyl-tramadol	3.335	2154581	47660271.8	6.18	5479.8	874239	101.578 ng/ml
O-Desmethylvenlafaxine	4.049	571229	3954.7	243.33	63739.2	191860	102.148 ng/ml
Olanzapine	4.337	614760	16758.8	45.39	2448.6	148266	101.910 ng/ml
Oxazepam	5.725	520517	39541.7	71.15	∞	237778	96.717 ng/ml
Oxycodone	2.777	923965	∞	31.82	9722.7	281604	100.768 ng/ml
Phentermine	3.745	410619	11159.9	10.63	4399.5	439799	107.763 ng/ml
Promethazine	5.521	1721134	∞	38.84	48372.8	823250	95.256 ng/ml
Pseudoephedrine	2.516	2324639	62318.9	17.55	13072.1	953636	98.830 ng/ml
Quetiapine	5.497	839826	569857.3	64.35	500177.8	135966	101.915 ng/ml
Sertraline	5.755	337078	∞	99.02	44353.7	128891	102.567 ng/ml
Temazepam	5.787	1149128	∞	29.34	20326.6	493454	100.910 ng/ml
Tramadol	4.212	2394129	∞	3.26	2481.2	988649	102.040 ng/ml
Trazodone	5.015	1114977	∞	82.09	65620.7	493327	105.525 ng/ml
Venlafaxine	5.017	1652510	160610.1	46.57	11948.5	795648	97.022 ng/ml
Zolpidem	4.790	2227719	379465.9	27.51	21747.2	847436	100.960 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

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	1/23/2023 2:14:02 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.103	51943	∞	134.78	∞	52830	24.611 ng/ml
7-aminoclonazepam	4.216	389886	∞	117.45	2534.8	92101	246.758 ng/ml
a-hydroxyalprazolam	5.660	87758	555.2	63.26	5009.2	140007	247.097 ng/ml
alpha-PHP	4.900	984586	49162.5	252.11	28431.2	464341	249.347 ng/ml
alpha-PVP	4.331	3208165	627761.3	55.12	89541.6	464341	249.909 ng/ml
Alprazolam	5.739	1264782	∞	92.86	3697.8	164466	256.270 ng/ml
Amphetamine	2.995	1942330	44936.8	255.55	74830.8	263995	235.821 ng/ml
Benzoylcegonine	3.838	71675	185257.6	40.83	1260.6	10039	250.302 ng/ml
Buprenorphine	5.627	78518	2742.1	15.45	2623.4	54880	23.820 ng/ml
Bupropion	4.751	2963400	208511.5	72.09	96726.1	364237	250.175 ng/ml
Carisoprodol	5.695	663027	∞	65.53	41579.6	75503	252.907 ng/ml
Chlorpheniramine	5.089	5287418	189611.6	0.33	34679.5	785360	252.652 ng/ml
Citalopram	5.206	1987644	543235.5	36.91	2242586.8	294938	255.026 ng/ml
Clonazepam	5.577	825647	93852.2	32.89	∞	61203	261.770 ng/ml
Clonazolam	5.529	663886	273287.4	39.57	∞	61203	246.233 ng/ml
Cocaine	4.236	2189490	246932.6	48.62	240597.9	689456	249.537 ng/ml
Cyclobenzaprine	5.606	2660668	1043451.7	8.73	7576.3	303263	253.633 ng/ml
Dextromethorphan	5.244	1587523	160571.9	74.16	∞	290551	250.418 ng/ml
Dextrophan	4.105	1977671	825630.9	45.22	1002388.6	370044	246.906 ng/ml
Diazepam	5.917	962756	11984.7	86.15	∞	164867	251.546 ng/ml
Diphenhydramine	5.279	7474988	2207839.8	31.90	295211.8	1284355	252.384 ng/ml
Doxylamine	4.498	7427049	121282593.0	95.33	252997.6	969351	251.557 ng/ml
Duloxetine	5.636	220477	1446.2	10.54	276.6	24094	255.777 ng/ml
EDDP	5.234	2223110	98255.4	42.47	150891.6	413508	243.873 ng/ml
Etizolam	5.779	145567	375304.0	382.44	98271.7	164867	252.411 ng/ml
Fentanyl	5.051	253706	56776.3	126.07	79742.5	447559	24.755 ng/ml
Flualprazolam	5.671	493843	1846.7	92.89	∞	164466	252.006 ng/ml
Fluorofentanyl	5.107	216807	206019.8	125.05	15262.1	4553	25.590 ng/ml
Fluoxetine	5.693	1562779	∞	7.02	∞	187752	248.993 ng/ml
Hydrocodone	2.972	1053557	14363.3	38.56	12928.6	227981	241.138 ng/ml
Hydromorphone	1.552	401022	885.0	74.62	4765.2	48024	246.933 ng/ml
Hydroxyzine	5.675	1294989	957425.0	116.46	279696.7	753873	250.144 ng/ml
Ketamine	4.004	2146211	135539.9	36.17	11347.0	381513	255.723 ng/ml

AM #28 Multi-Drug Quant. Results

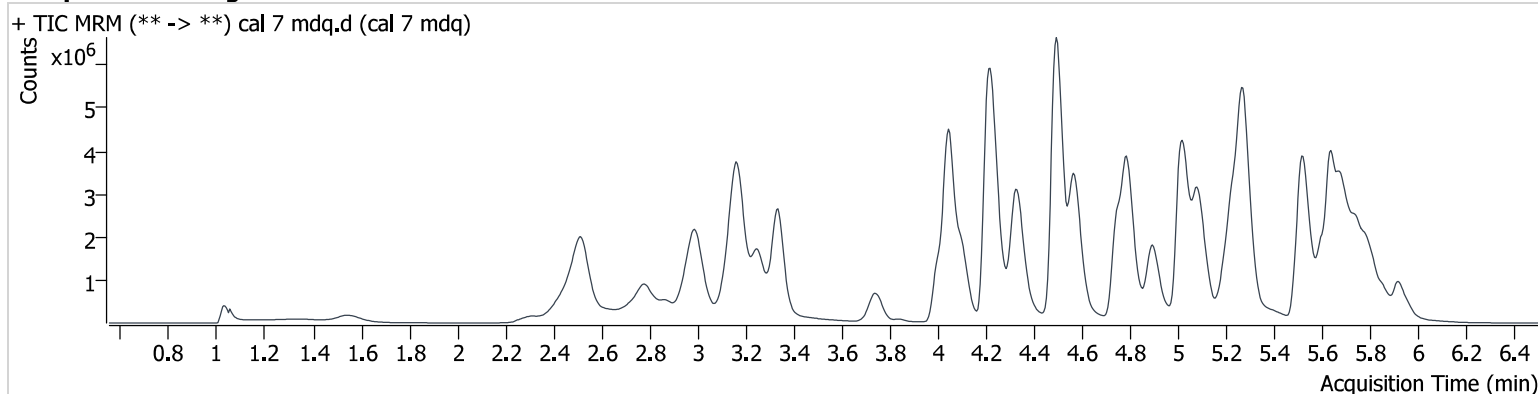
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.264	157033	42784.4	100.90	9687.9	285771	254.046 ng/ml
Lorazepam	5.713	332675	2235.9	46.78	3948.5	140007	214.412 ng/ml
MDA	3.152	2369544	178143.9	30.00	40475.5	285771	253.808 ng/ml
MDMA	3.253	1925929	419172.8	111.07	143461.6	82778	239.700 ng/ml
Meprobamate	4.875	797144	84556.2	31.29	26321.1	121327	234.736 ng/ml
Methadone	5.635	4433465	∞	51.88	175064.7	624515	246.004 ng/ml
Methamphetamine	3.168	4510528	∞	39.03	698789.8	796902	264.137 ng/ml
Metoprolol	4.298	445829	32412.6	96.61	19743.1	285771	256.728 ng/ml
Mirtazapine	4.569	4684601	452306.2	49.09	392114.7	82778	236.780 ng/ml
Mitragynine	5.184	872152	36453.9	32.04	507448.5	922230	255.807 ng/ml
Norbuprenorphine	4.973	14044	∞	99.82	∞	9555	24.810 ng/ml
Nordiazepam	5.861	752282	376924.1	60.24	23628.6	101237	243.131 ng/ml
Norfentanyl	4.056	43492	33410.4	280.84	8587.4	486640	24.116 ng/ml
Noroxycodone	2.864	745430	6493.8	49.76	∞	101982	244.218 ng/ml
O-desmethyl-tramadol	3.335	5256647	227537.3	6.40	15335.4	874113	248.503 ng/ml
O-Desmethylvenlafaxine	4.049	1356738	3892.7	242.30	10210.2	183273	254.390 ng/ml
Olanzapine	4.337	1363254	4775.3	45.80	2313.8	126700	264.690 ng/ml
Oxazepam	5.720	804008	24781.6	69.30	83335.6	140007	253.927 ng/ml
Oxycodone	2.772	2203095	∞	31.03	∞	277698	244.600 ng/ml
Phentermine	3.745	885689	12871.1	10.08	170430.6	426134	240.410 ng/ml
Promethazine	5.521	4186879	∞	37.36	3217463.5	753873	252.160 ng/ml
Pseudoephedrine	2.521	5652600	557059.5	17.46	17653.2	922230	248.412 ng/ml
Quetiapine	5.497	1913101	185005.8	63.63	∞	129258	245.026 ng/ml
Sertraline	5.755	691487	224983.6	97.85	55258.9	107724	251.563 ng/ml
Temazepam	5.787	2082062	39008.8	29.69	8382.3	360053	250.664 ng/ml
Tramadol	4.212	5300817	∞	3.40	∞	892019	250.919 ng/ml
Trazodone	5.015	2391617	63888.5	80.41	115025.6	470940	237.932 ng/ml
Venlafaxine	5.017	3967537	146957.9	43.88	34443.5	719867	256.713 ng/ml
Zolpidem	4.790	5197789	549512.8	27.37	63208.7	811889	246.447 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

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	1/23/2023 2:22:56 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.103	82389	147337.5	135.98	104135.9	42000	49.106 ng/ml
7-aminoclonazepam	4.216	530197	5256.1	118.32	17460.3	71453	432.973 ng/ml
a-hydroxyalprazolam	5.655	94094	179741.0	64.80	∞	64454	575.004 ng/ml
alpha-PHP	4.895	1531085	52244.6	254.44	25821.5	351310	512.013 ng/ml
alpha-PVP	4.326	4895921	379404.1	53.90	122743.1	351310	503.900 ng/ml
Alprazolam	5.739	1761304	18753.2	91.09	10613.6	116327	504.346 ng/ml
Amphetamine	2.995	2794137	86425.1	252.07	101591.4	209761	427.684 ng/ml
Benzoylcegonine	3.838	125175	∞	41.68	3194.6	8427	521.355 ng/ml
Buprenorphine	5.627	107436	2062.3	14.91	4535.4	33563	53.486 ng/ml
Bupropion	4.746	4644382	743537.6	69.34	366610.6	292252	489.161 ng/ml
Carisoprodol	5.695	772078	∞	61.02	49147.7	48420	459.389 ng/ml
Chlorpheniramine	5.084	8495510	373770.8	0.35	180987.4	646222	493.530 ng/ml
Citalopram	5.206	2827294	156973.2	37.08	8867367.3	211815	505.213 ng/ml
Clonazepam	5.577	1038223	23095.9	33.28	51502.0	41010	491.133 ng/ml
Clonazolam	5.529	903133	99014.5	38.17	74044.7	41010	499.032 ng/ml
Cocaine	4.236	3260760	∞	48.59	348394.2	513271	499.218 ng/ml
Cyclobenzaprine	5.600	3861442	∞	8.75	18557.4	230498	484.466 ng/ml
Dextromethorphan	5.239	2281872	471563.0	72.84	645614.5	208781	500.832 ng/ml
Dextroprhan	4.100	3052284	403861.4	45.29	128026.6	285313	493.758 ng/ml
Diazepam	5.922	1494803	11801.6	86.76	∞	130609	493.038 ng/ml
Diphenhydramine	5.276	11371534	222365.2	30.83	131448.3	962724	511.951 ng/ml
Doxylamine	4.492	12027917	3408627.3	95.57	539339.7	790731	499.552 ng/ml
Duloxetine	5.636	297061	2677.9	11.12	747.1	17187	481.960 ng/ml
EDDP	5.234	3718284	∞	42.14	∞	324412	519.663 ng/ml
Etizolam	5.779	212472	18060.3	397.13	22218.9	130609	465.856 ng/ml
Fentanyl	5.051	384525	44168.9	125.23	31389.1	329788	50.895 ng/ml
Flualprazolam	5.671	615949	1717.3	90.83	9286.9	116327	444.683 ng/ml
Fluorofentanyl	5.102	336863	2027.7	123.20	20808.9	3668	49.275 ng/ml
Fluoxetine	5.693	2207399	2382192.0	7.20	295565.9	138322	477.291 ng/ml
Hydrocodone	2.966	1585559	∞	38.87	4749.1	171215	483.605 ng/ml
Hydromorphone	1.547	675799	364.8	76.77	∞	42571	469.718 ng/ml
Hydroxyzine	5.670	1979980	853836.8	117.68	1454.2	567425	508.408 ng/ml
Ketamine	4.004	3200669	305505.8	36.69	∞	297614	489.360 ng/ml

AM #28 Multi-Drug Quant. Results

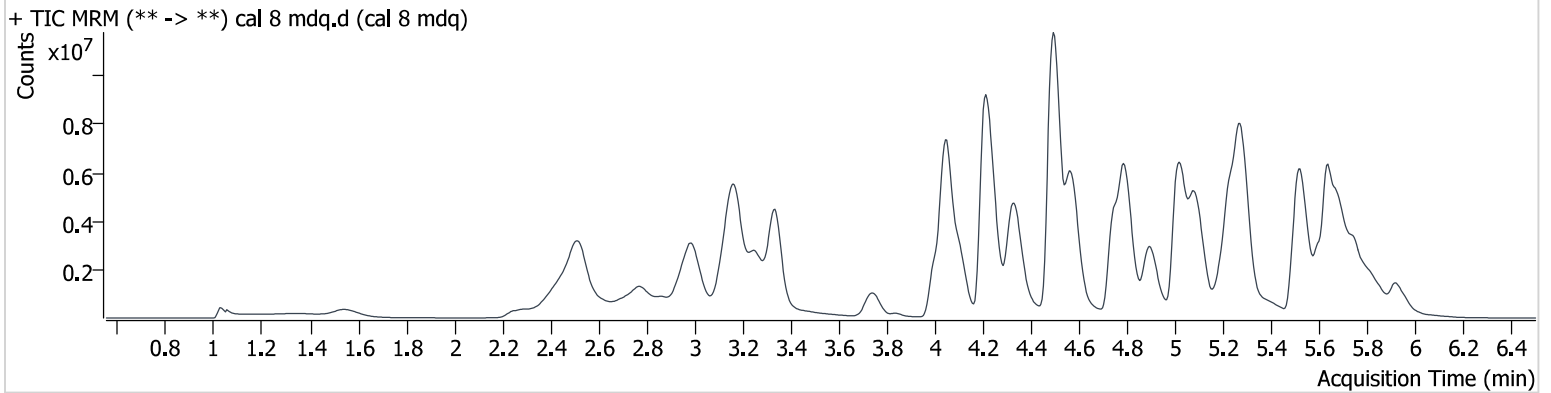
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.264	219355	34186.1	95.05	∞	197892	512.880 ng/ml
Lorazepam	5.718	319390	∞	47.02	3820.2	64454	448.942 ng/ml
MDA	3.147	2974594	117064.3	30.59	33069.0	197892	460.922 ng/ml
MDMA	3.248	2895984	98062.5	114.17	96599.3	60057	497.092 ng/ml
Meprobamate	4.870	1040963	27649.1	31.63	5238.8	88123	423.073 ng/ml
Methadone	5.635	7014274	277700.1	51.15	116301.2	491109	494.944 ng/ml
Methamphetamine	3.168	7137139	∞	38.62	∞	667389	503.397 ng/ml
Metoprolol	4.293	620200	2374383.3	96.51	∞	197892	515.698 ng/ml
Mirtazapine	4.569	7352299	107475.6	48.51	98209.6	60057	512.061 ng/ml
Mitragynine	5.179	1333762	102546.8	33.30	2431620.5	735580	491.610 ng/ml
Norbuprenorphine	4.968	23877	699401.9	98.73	74326.9	8456	47.858 ng/ml
Nordiazepam	5.861	1123880	172233.4	59.74	18537.6	74388	494.435 ng/ml
Norfentanyl	4.056	63869	5652.0	275.19	6856.7	329681	52.179 ng/ml
Noroxycodone	2.864	1124317	7575.5	49.18	15419.0	78574	478.326 ng/ml
O-desmethyl-tramadol	3.335	8418093	161553.8	6.28	28051.5	712000	488.997 ng/ml
O-Desmethylvenlafaxine	4.043	2080935	1473.7	242.77	67737.0	144976	493.503 ng/ml
Olanzapine	4.337	2015290	1293.9	46.26	4667.2	97695	507.592 ng/ml
Oxazepam	5.720	724868	49462.5	71.90	8448.1	64454	497.409 ng/ml
Oxycodone	2.772	3368513	∞	32.34	9680.5	221637	469.203 ng/ml
Phentermine	3.745	1294755	∞	9.59	2746.8	343785	435.971 ng/ml
Promethazine	5.521	6664211	∞	36.44	186316.9	567425	532.645 ng/ml
Pseudoephedrine	2.516	9151040	590952.2	17.03	139946.2	735580	504.142 ng/ml
Quetiapine	5.492	2979021	909100.6	62.02	∞	98704	500.262 ng/ml
Sertraline	5.755	936497	18613029.8	99.36	531446.0	73793	497.228 ng/ml
Temazepam	5.792	2574707	68044.3	29.98	10435.7	220413	506.415 ng/ml
Tramadol	4.212	8004045	∞	3.29	∞	680711	496.839 ng/ml
Trazodone	5.010	3466415	65841.6	80.57	113455.0	388336	418.715 ng/ml
Venlafaxine	5.019	6286381	114437.0	42.18	59836.6	575857	508.022 ng/ml
Zolpidem	4.790	8331874	506737.1	27.67	∞	642360	499.713 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\012323\QuantResults\mdq.batch.bin
Calibration Last Update 1/25/2023 3:15:58 PM

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	1/23/2023 2:40:47 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.098	149166	354442.7	134.85	359016.3	38461	97.090 ng/ml
7-aminoclonazepam	4.216	659064	∞	119.10	12090.8	57396	670.344 ng/ml
a-hydroxyalprazolam	5.655	73654	1297.6	64.28	2533.0	21110	1373.752 ng/ml
alpha-PHP	4.895	2836350	372786.7	253.76	261649.4	300415	1108.660 ng/ml
alpha-PVP	4.330	8495038	307637.0	53.39	105738.4	300415	1022.265 ng/ml
Alprazolam	5.739	2472670	7025.1	91.80	13337.4	82002	1004.202 ng/ml
Amphetamine	2.995	4464307	360795.3	245.32	308432.4	191267	750.080 ng/ml
Benzoylcegonine	3.838	288776	52671.5	43.09	33187.7	9704	1045.114 ng/ml
Buprenorphine	5.627	136549	6725.8	15.16	6652.5	23497	97.229 ng/ml
Bupropion	4.746	8336238	846873.3	68.22	∞	292039	879.055 ng/ml
Carisoprodol	5.700	775477	∞	61.49	21468.6	21364	1046.000 ng/ml
Chlorpheniramine	5.084	16251034	953749.0	0.36	∞	625254	975.914 ng/ml
Citalopram	5.200	3818911	159913.4	38.47	∞	146994	983.429 ng/ml
Clonazepam	5.577	1095896	∞	33.86	∞	23389	908.892 ng/ml
Clonazolam	5.539	1043438	51411.6	38.19	19436.3	23389	1010.082 ng/ml
Cocaine	4.236	5370977	489346.9	48.40	∞	420286	1004.234 ng/ml
Cyclobenzaprine	5.600	5907598	1104823.4	8.68	∞	175481	973.738 ng/ml
Dextromethorphan	5.239	3171601	∞	72.52	239097.2	145415	999.368 ng/ml
Dextropropoxyphene	4.105	5549076	856851.5	45.43	7611357.3	252440	1014.043 ng/ml
Diazepam	5.922	2633164	3912366267 0328.6	86.16	5051.3	110416	1027.391 ng/ml
Diphenhydramine	5.281	18080271	∞	30.22	∞	746266	1049.808 ng/ml
Doxylamine	4.492	23337871	947600.6	95.98	4629000.1	825129	928.996 ng/ml
Duloxetine	5.636	382582	2410.4	11.98	143.6	10318	1032.443 ng/ml
EDDP	5.234	9947586	704701.4	41.32	12339708.4	435048	1036.487 ng/ml
Etizolam	5.779	357371	∞	390.85	∞	110416	927.795 ng/ml
Fentanyl	5.046	601527	191078.9	133.72	1059196.3	237178	110.680 ng/ml
Flualprazolam	5.676	671960	2534.7	91.80	8373.0	82002	688.396 ng/ml
Fluorofentanyl	5.107	598692	805787.5	117.71	6268.5	2773	115.729 ng/ml
Fluoxetine	5.698	3412456	3103122.9	6.77	∞	98939	1031.444 ng/ml
Hydrocodone	2.966	2936698	40034.3	40.07	3790.4	148502	1033.133 ng/ml
Hydromorphone	1.547	1395319	3378.9	73.57	761.8	43273	954.418 ng/ml
Hydroxyzine	5.675	3176137	151468.6	118.26	4389859.8	521816	887.035 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Ketamine	4.004	5530655	∞	36.59	238031.7	278117	905.333 ng/ml
Lamotrigine	4.269	269120	210027.6	102.49	∞	135789	917.345 ng/ml
Lorazepam	5.713	220922	32339.8	49.19	2671.6	21110	949.973 ng/ml
MDA	3.131	3635514	82378.7	29.53	86509.9	135789	821.760 ng/ml
MDMA	3.248	4997133	461336.8	114.61	192692.0	51280	1004.867 ng/ml
Meprobamate	4.865	1328293	120427.5	30.72	10644.5	70408	676.457 ng/ml
Methadone	5.635	12848972	284040.8	49.40	122782.3	445217	1000.119 ng/ml
Methamphetamine	3.163	13289084	∞	38.17	518629.0	758105	828.263 ng/ml
Metoprolol	4.293	809724	2077516.3	97.24	∞	135789	981.185 ng/ml
Mirtazapine	4.569	13528470	810878.6	47.73	1775816.0	51280	1103.351 ng/ml
Mitragynine	5.179	2335102	167344.9	34.12	39252.3	749924	845.126 ng/ml
Norbuprenorphine	4.968	58498	41818.6	98.79	422338.8	9931	100.074 ng/ml
Nordiazepam	5.861	1562196	24938.3	53.58	50678.2	46939	1089.277 ng/ml
Norfentanyl	4.061	98771	10546.1	272.93	8244.8	239552	110.962 ng/ml
Noroxycodone	2.864	1367986	∞	47.24	28618.7	41663	1097.921 ng/ml
O-desmethyl-tramadol	3.335	16916866	395993.1	6.15	∞	715556	978.244 ng/ml
O-Desmethylvenlafaxine	4.048	3643661	38119.1	244.04	144429.1	127883	979.883 ng/ml
Olanzapine	4.342	3501908	21914.5	46.72	30335.1	91710	939.716 ng/ml
Oxazepam	5.720	463206	79284.0	70.94	16000.6	21110	970.612 ng/ml
Oxycodone	2.761	6408728	∞	30.82	∞	185564	1067.059 ng/ml
Phentermine	3.745	2217541	3290.1	9.72	14997.8	352633	728.240 ng/ml
Promethazine	5.521	12257478	5536944.9	33.69	∞	521816	1064.788 ng/ml
Pseudoephedrine	2.516	18917829	280768.1	16.96	34470.4	749924	1022.213 ng/ml
Quetiapine	5.492	5082508	2490130.9	62.54	∞	96679	871.814 ng/ml
Sertraline	5.755	1324763	32667905.6	95.71	∞	49519	1048.037 ng/ml
Temazepam	5.818	2559252	86991.7	30.64	6133.8	99732	1112.558 ng/ml
Tramadol	4.207	13974507	∞	3.20	∞	634543	930.872 ng/ml
Trazodone	5.015	4872464	393621.0	82.80	268353.8	395718	577.825 ng/ml
Venlafaxine	5.017	11469757	461436.2	39.74	148195.9	497963	1071.394 ng/ml
Zolpidem	4.790	15567188	372844.2	27.57	565893.1	606094	989.914 ng/ml