



1/13/2022

Worklist: 5513

REVIEWED
By Brittany Wylie at 3:33 pm, Jan 13, 2022

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2021-2770	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2790		UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2793		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2796		UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2798		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2799		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0006		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0012		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0032		UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-0044		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0045		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0050		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date 1/12/22

Analyst: Anne Nord

Plate lot#: 211018

Plate re-test: 04/18/22

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: 21D52496 **Urine Blank lot:** 83121

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.
- 3. Create worklist:

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette 250µL blood (calibrated pipette) Pipette ID: 1926134 or 250µL hydrolyzed urine in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette 250µL 0.5M ammonium hydroxide in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 8. Wait 5 minutes.
- 9. Add 900uL ethyl acetate.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add 900uL ethyl acetate.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH, 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.

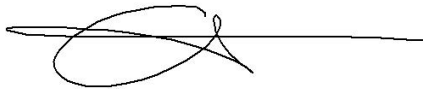
Post-Analytic

- 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:

Curve limits: amphetamine 5-250, 5-500 clonazepam, dihydrocodeine 5-500, lorazepam 5-500, MDA 5-500, methamphetamine 5-500, norbuprenorphine 1-100, phentermine 5-500, trazodone 5-500

Norhydrocodone not evaluated due to rising ratios, indicating interferant.



	1	2	3	4	5	6	7	8	9	10	11	12
A				C2021-2798-1	IS + Cal. 1	IS + QC_1	negative blood					
B				c2021-2793-1	IS + Cal. 2	IS + QC_2	negative urine					
C				c2021-2799-1	IS + Cal. 3	IS + QC_3						
D				c2022-0006-1	IS + Cal. 4	IS + QC_4						
E				c2022-0012-1	IS + Cal. 5	qc2 urine						
F				c2022-0044-1	IS + Cal. 6	c2021-2790-1						
G				c2022-0045-1	IS + Cal. 7	c2021-2796-1						
H				c2022-0050-1	IS + Cal. 8	c2021-2770-3	c2022-0032-1					

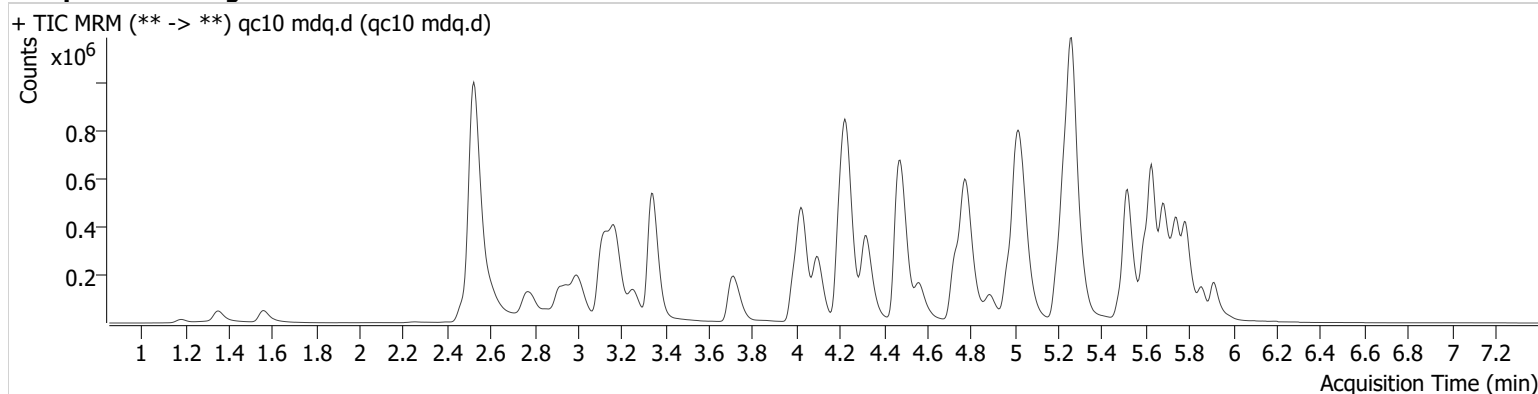
Run blanks before

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument	69679	Data File	qc10 mdq.d
Type	QC	Sample	qc10 mdq.d
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A6	Comment	
Injection Volume	3		
Acq. Date-Time	1/12/2022 5:23:24 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	3304	∞	121.7	22531.8	84288	1.049 ng/ml
7-aminoclonazepam	4.243	61980	2156.8	68.7	2486.6	229978	10.406 ng/ml
a-hydroxyalprazolam	5.672	8695	∞	58.7	∞	670177	10.269 ng/ml
alpha-PHP	4.892	145349	∞	40.9	119474.2	499338	10.197 ng/ml
alpha-PVP	4.327	190253	38241.8	53.6	11354.4	837920	9.801 ng/ml
Alprazolam	5.746	85886	842.2	96.6	∞	321579	9.704 ng/ml
Amphetamine	3.001	126340	6855.4	246.9	10128.4	499338	10.966 ng/ml
Benzoylcegonine	3.866	2030	∞	63.6	98.3	6246	10.928 ng/ml
Buprenorphine	5.633	6134	∞	14.7	1559.7	110936	0.944 ng/ml
Bupropion	4.746	173449	399187.0	72.0	9230.6	819920	10.204 ng/ml
Carisoprodol	5.706	50414	105329.0	64.9	838.9	215836	9.883 ng/ml
Citalopram	5.201	142892	3236.3	38.1	31643.0	631549	10.040 ng/ml
Clonazepam	5.594	46511	8590.8	35.3	173803.3	88425	10.209 ng/ml
Clonazepam	5.540	53112	∞	40.3	6488.6	670177	9.734 ng/ml
Cocaine	4.231	132220	8623.9	53.8	6900.3	1192829	9.538 ng/ml
Codeine	2.537	19265	2750.7	88.5	2542.1	86525	10.774 ng/ml
Cyclobenzaprine	5.596	189208	2685.6	8.4	42177.6	573504	10.456 ng/ml
Dextromethorphan	5.234	105902	2137.2	76.5	1661.7	528503	9.811 ng/ml
Dextrophan	4.099	125698	3590.2	45.6	8108.9	643161	9.847 ng/ml
Diazepam	5.919	62164	3937.8	88.4	∞	309176	9.975 ng/ml
Dihydrocodeine	2.506	47642	288.6	61.5	886.6	304917	10.368 ng/ml
Diphenhydramine	5.267	451909	41407.4	32.1	5908.2	2373932	9.758 ng/ml
Doxylamine	4.486	478071	11502.9	73.0	9356.7	1829146	10.183 ng/ml
EDDP	5.234	203361	10180.4	42.4	2968.1	1056632	10.100 ng/ml
Etizolam	5.781	45178	2969.9	23.0	141452.5	309176	10.437 ng/ml
Fentanyl	5.050	16037	46080.9	114.8	112689.9	831295	1.061 ng/ml
Flualprazolam	5.682	38340	2599.0	91.7	∞	321579	9.980 ng/ml
Fluoxetine	5.683	189928	6786.4	7.0	12368.3	602818	11.080 ng/ml
Hydrocodone	2.987	57133	∞	34.4	629.6	321239	10.208 ng/ml
Hydromorphone	1.567	37975	∞	73.7	3000.7	132408	10.382 ng/ml
Ketamine	4.007	130063	33770.1	37.4	1614.9	636040	10.270 ng/ml
Lamotrigine	4.254	12525	2147.3	90.1	∞	321579	10.412 ng/ml
Levetiracetam	2.610	43573	12601.0	226.7	2060.4	1056632	9.800 ng/ml



AM #28 Multi-Drug Quant. Results

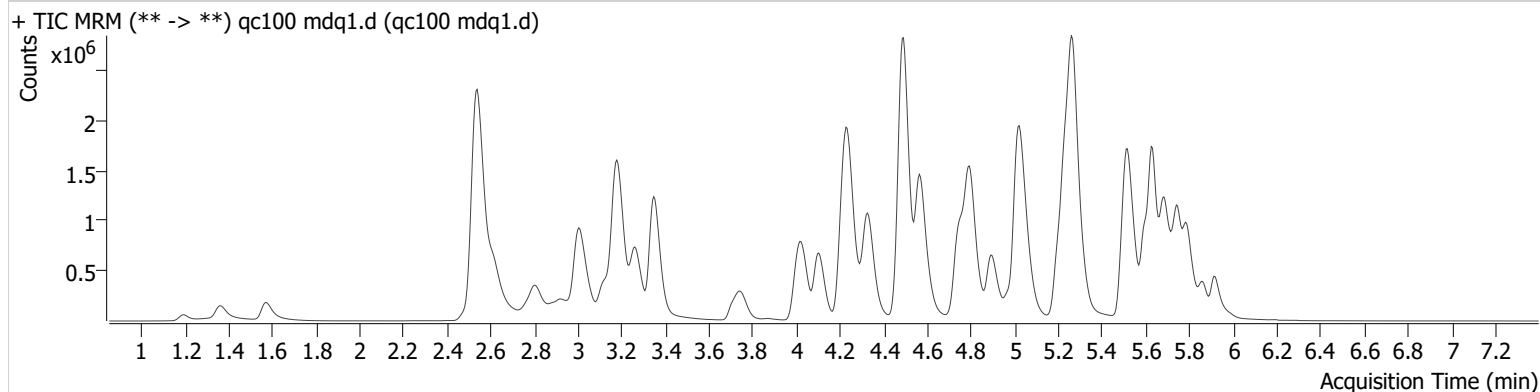
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	27788	∞	45.9	∞	230560	9.625 ng/ml
MDA	3.168	165107	3392.4	27.8	1752.6	515878	10.538 ng/ml
MDMA	3.261	132471	6068.7	94.7	3518.0	140217	10.117 ng/ml
Meprobamate	4.892	34463	∞	32.8	681.4	215836	10.405 ng/ml
Methadone	5.631	245682	2921.3	57.5	18739.7	1125912	10.078 ng/ml
Methamphetamine	3.180	350113	∞	39.6	2172.7	1138990	9.588 ng/ml
Metoprolol	4.294	30469	83795.4	97.8	∞	515878	9.653 ng/ml
Mirtazapine	4.564	297847	44768.6	48.8	11428.3	1125912	10.072 ng/ml
Mitragynine	5.185	53810	48933.3	30.9	21153.9	25402	10.205 ng/ml
Morphine	1.191	5954	408.4	18.1	238.5	9457	10.304 ng/ml
Norbuprenorphine	4.977	1426	248.9	92.2	1965.9	25402	0.916 ng/ml
Nordiazepam	5.868	55631	∞	63.0	90006.7	204024	9.994 ng/ml
Norfentanyl	4.053	10384	817.6	40.8	∞	1218652	0.984 ng/ml
Noroxycodone	2.879	38234	∞	47.0	3771.4	130258	10.062 ng/ml
O-desmethyl-tramadol	3.348	289723	10956.7	6.3	3536.6	1506565	9.607 ng/ml
Oxazepam	5.731	60055	44472.1	67.9	429.2	230560	10.328 ng/ml
Oxycodone	2.796	109813	∞	29.6	∞	490805	10.232 ng/ml
Oxymorphone	1.354	45808	∞	44.2	∞	162650	9.830 ng/ml
Phentermine	3.745	52017	745.0	9.7	1966.8	666479	10.225 ng/ml
Promethazine	5.517	226566	7748.5	44.4	5645.5	1155688	9.994 ng/ml
Pseudoephedrine	2.534	641777	∞	24.8	4998.1	3174190	9.868 ng/ml
Quetiapine	5.493	156569	11235.2	61.8	∞	245748	10.149 ng/ml
Sertraline	5.746	71476	2036.8	102.8	5606.2	263984	11.924 ng/ml
Temazepam	5.788	134960	15791.3	28.7	1047.3	670177	10.024 ng/ml
Tramadol	4.217	316247	12436.2	3.7	882.5	1528586	10.266 ng/ml
Trazodone	5.014	185891	11081.0	81.0	6032.9	817932	10.676 ng/ml
Venlafaxine	5.010	212365	28446.1	39.3	1640.5	1660645	10.456 ng/ml
Zolpidem	4.791	332999	31388.5	28.8	6048.4	1510768	10.049 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument	69679	Data File	qc100 mdq1.d
Type	QC	Sample	qc100 mdq1.d
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B6	Comment	
Injection Volume	3		
Acq. Date-Time	1/12/2022 10:11:03 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	27214	∞	127.1	56919.5	75270	10.042 ng/ml
7-aminoclonazepam	4.248	541132	16065.7	72.8	10309.9	208319	102.287 ng/ml
a-hydroxyalprazolam	5.666	53021	∞	54.5	1680.7	466075	98.251 ng/ml
alpha-PHP	4.897	1270238	40043.2	39.9	99300.2	436327	99.668 ng/ml
alpha-PVP	4.332	1662677	553556.4	53.9	53159.4	727373	95.827 ng/ml
Alprazolam	5.746	638318	9415.4	93.7	∞	232412	96.635 ng/ml
Amphetamine	3.011	874297	10701.7	252.6	54178.6	436327	99.064 ng/ml
Benzoylcegonine	3.871	18123	22434.9	59.9	1524.1	6703	94.268 ng/ml
Buprenorphine	5.639	48149	∞	17.6	2712.1	90742	9.083 ng/ml
Bupropion	4.746	1539512	∞	70.6	35835.1	730662	101.680 ng/ml
Carisoprodol	5.706	340631	∞	65.7	63732.1	149071	95.217 ng/ml
Citalopram	5.201	1138464	34130.6	38.8	8453.8	524018	97.011 ng/ml
Clonazepam	5.594	305705	∞	35.8	571223.4	59543	103.238 ng/ml
Clonazepam	5.540	407559	9466.2	38.5	2916.1	466075	95.385 ng/ml
Cocaine	4.236	1186870	1007760.2	51.4	2870448.5	1040951	99.547 ng/ml
Codeine	2.547	141611	133115.1	89.9	∞	70216	109.937 ng/ml
Cyclobenzaprine	5.601	1441976	25073.3	8.3	194482.2	471742	98.269 ng/ml
Dextromethorphan	5.240	844669	1478325.4	75.6	3959758.6	413230	98.344 ng/ml
Dextrorphan	4.104	1115615	5236939.7	43.6	699292.6	571575	97.310 ng/ml
Diazepam	5.919	509882	∞	85.6	∞	244117	102.562 ng/ml
Dihydrocodeine	2.511	394583	8228.1	61.7	2657.6	280497	103.559 ng/ml
Diphenhydramine	5.272	3798866	60530.1	31.2	39307.8	1978433	97.334 ng/ml
Doxylamine	4.494	4956653	5704088.9	75.4	∞	1926602	101.380 ng/ml
EDDP	5.234	1708578	5288186.5	44.6	895681.5	928759	96.179 ng/ml
Etizolam	5.786	341536	∞	23.2	66892.4	244117	101.300 ng/ml
Fentanyl	5.056	132337	5135.1	115.8	451271.7	705002	9.705 ng/ml
Flualprazolam	5.682	284875	3009.9	93.6	3634.3	232412	104.648 ng/ml
Fluoxetine	5.683	1250275	8815701.4	6.8	3166125.2	430409	106.835 ng/ml
Hydrocodone	2.993	465279	∞	37.3	∞	274676	99.600 ng/ml
Hydromorphone	1.572	358427	∞	75.5	1850233836 03255.0	120795	102.070 ng/ml
Ketamine	4.012	1140188	444582.5	37.1	19271.0	582739	101.357 ng/ml
Lamotrigine	4.264	97764	151498.4	88.8	86872.3	232412	116.126 ng/ml

AM #28 Multi-Drug Quant. Results

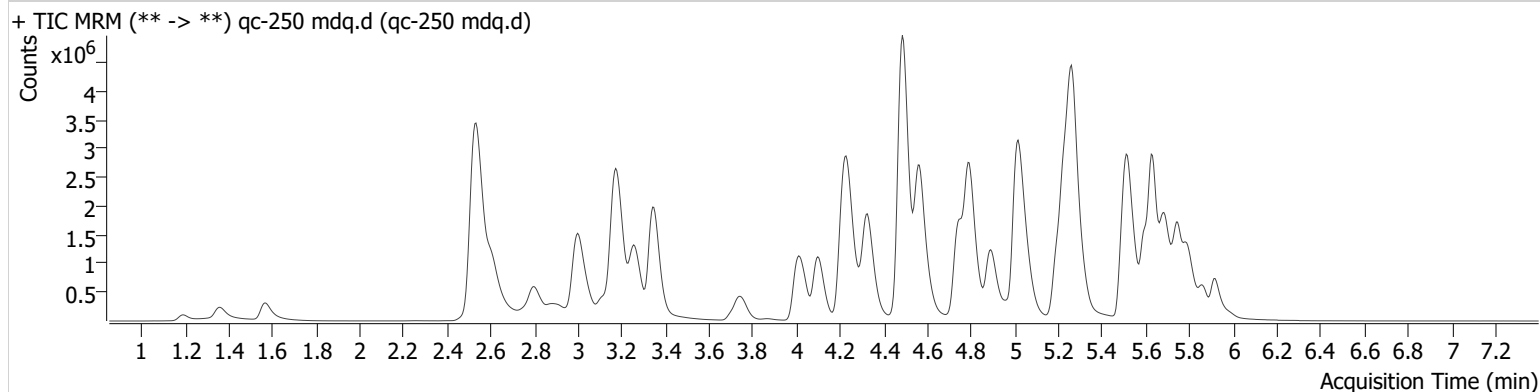
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.620	354774	17049.7	223.5	72833.5	928759	99.707 ng/ml
Lorazepam	5.719	136033	∞	45.3	5886.8	126158	91.536 ng/ml
MDA	3.168	1114949	58756.0	27.0	14472.3	378728	106.464 ng/ml
MDMA	3.266	1108119	∞	95.2	59977.4	121564	98.327 ng/ml
Meprobamate	4.897	255205	∞	30.2	3946.0	149071	107.600 ng/ml
Methadone	5.631	2108016	2507685.5	57.4	2082953.5	972043	98.154 ng/ml
Methamphetamine	3.185	2325331	15190.7	39.4	25413.4	1050727	97.561 ng/ml
Metoprolol	4.300	255180	∞	97.3	∞	378728	97.274 ng/ml
Mirtazapine	4.569	3089446	316271.0	47.7	1910933.1	972043	120.860 ng/ml
Mitragynine	5.185	475706	260474.6	32.1	61834.1	21412	107.638 ng/ml
Morphine	1.196	49660	257.5	17.0	269.1	8334	106.022 ng/ml
Norbuprenorphine	4.977	9462	∞	91.3	487.1	21412	10.525 ng/ml
Nordiazepam	5.868	413864	∞	62.7	803908.1	158117	100.902 ng/ml
Norfentanyl	4.059	92706	5688.8	38.7	263367.6	1081471	9.489 ng/ml
Noroxycodone	2.889	332115	∞	46.3	∞	115321	102.930 ng/ml
O-desmethyl-tramadol	3.353	2586669	596252.3	6.3	43099.0	1368475	96.938 ng/ml
Oxazepam	5.726	310659	5698.5	69.0	207057.3	126158	101.862 ng/ml
Oxycodone	2.802	1005480	∞	29.6	∞	463825	102.348 ng/ml
Oxymorphone	1.364	414991	∞	44.5	∞	150523	98.737 ng/ml
Phentermine	3.750	442562	9605.1	9.4	∞	600720	102.981 ng/ml
Promethazine	5.517	1911986	1809024.6	42.7	∞	974509	98.975 ng/ml
Pseudoephedrine	2.539	5393079	∞	24.4	∞	2679572	97.520 ng/ml
Quetiapine	5.493	1512469	∞	64.0	2292451.5	246506	102.352 ng/ml
Sertraline	5.746	459041	∞	96.5	912517.5	196311	105.809 ng/ml
Temazepam	5.793	973110	77154.2	27.9	14953.4	466075	94.672 ng/ml
Tramadol	4.217	2643976	244782.2	3.6	∞	1376916	101.551 ng/ml
Trazodone	5.019	1503792	361039.6	80.4	46167.6	727511	102.837 ng/ml
Venlafaxine	5.015	1909759	249084.5	37.6	40677.5	1415326	90.423 ng/ml
Zolpidem	4.796	2914063	398758.1	28.3	∞	1334498	99.576 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument	69679	Data File	qc-250 mdq.d
Type	QC	Sample	qc-250 mdq.d
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-C6	Comment	
Injection Volume	3		
Acq. Date-Time	1/12/2022 5:32:26 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	53880	∞	131.5	5843.7	60575	24.771 ng/ml
7-aminoclonazepam	4.248	761580	59431.0	72.8	4543.5	116836	257.024 ng/ml
a-hydroxyalprazolam	5.666	74765	7223.4	58.3	∞	303466	214.013 ng/ml
alpha-PHP	4.892	2626286	47609.9	40.0	28506.8	350606	256.046 ng/ml
alpha-PVP	4.327	3397315	71476.8	53.5	79822.9	583521	243.587 ng/ml
Alprazolam	5.746	1233337	4324.2	93.5	4218.5	178682	242.347 ng/ml
Amphetamine	3.006	1483212	57006.3	250.7	166478.0	350606	211.110 ng/ml
Benzoylcegonine	3.871	38478	75724.6	53.2	∞	5011	268.589 ng/ml
Buprenorphine	5.633	95767	55556.3	15.2	28809.3	65934	24.870 ng/ml
Bupropion	4.746	3138007	∞	70.4	70444.6	590956	256.262 ng/ml
Carisoprodol	5.706	567416	620237.5	63.8	26016.2	98051	240.887 ng/ml
Citalopram	5.201	2146074	151329.9	39.0	311766.5	378962	252.983 ng/ml
Clonazepam	5.594	476670	15399.8	35.4	487472.1	40873	235.024 ng/ml
Clonazepam	5.540	695507	16389.2	39.2	18642.6	303466	248.056 ng/ml
Cocaine	4.231	2275746	381298.6	50.3	151967.5	798149	249.172 ng/ml
Codeine	2.542	231458	24735.9	93.0	291527.4	49481	257.007 ng/ml
Cyclobenzaprine	5.596	2781700	55065.3	8.5	10092070.7	355107	252.097 ng/ml
Dextromethorphan	5.234	1578043	27378.2	75.5	22943.3	304882	248.732 ng/ml
Dextrophan	4.099	2277041	688827.2	43.4	56602.8	458808	247.256 ng/ml
Diazepam	5.919	1035999	7482.2	85.4	∞	205370	247.547 ng/ml
Dihydrocodeine	2.500	710790	4486.8	61.3	1688.4	219729	239.798 ng/ml
Diphenhydramine	5.267	7491032	1359178.3	30.8	4093155.8	1497674	253.352 ng/ml
Doxylamine	4.486	9577130	330249.8	77.0	413298.6	1458606	258.935 ng/ml
EDDP	5.229	3557004	64623.0	42.9	56153.2	719250	258.484 ng/ml
Etizolam	5.781	664916	68927.0	23.6	∞	205370	234.633 ng/ml
Fentanyl	5.056	269663	430383.3	118.6	716466.1	550518	25.211 ng/ml
Flualprazolam	5.677	527880	∞	94.8	2170.2	178682	252.537 ng/ml
Fluoxetine	5.683	2020630	303288.1	7.1	220734.4	283394	263.059 ng/ml
Hydrocodone	2.987	919128	∞	36.8	∞	217940	248.388 ng/ml
Hydromorphone	1.567	700211	∞	74.1	2492939363 18897.0	92294	260.087 ng/ml
Ketamine	4.007	2292557	∞	37.2	75506.6	464406	256.274 ng/ml
Lamotrigine	4.264	170404	674176.6	88.9	19917.6	178682	263.752 ng/ml



AM #28 Multi-Drug Quant. Results

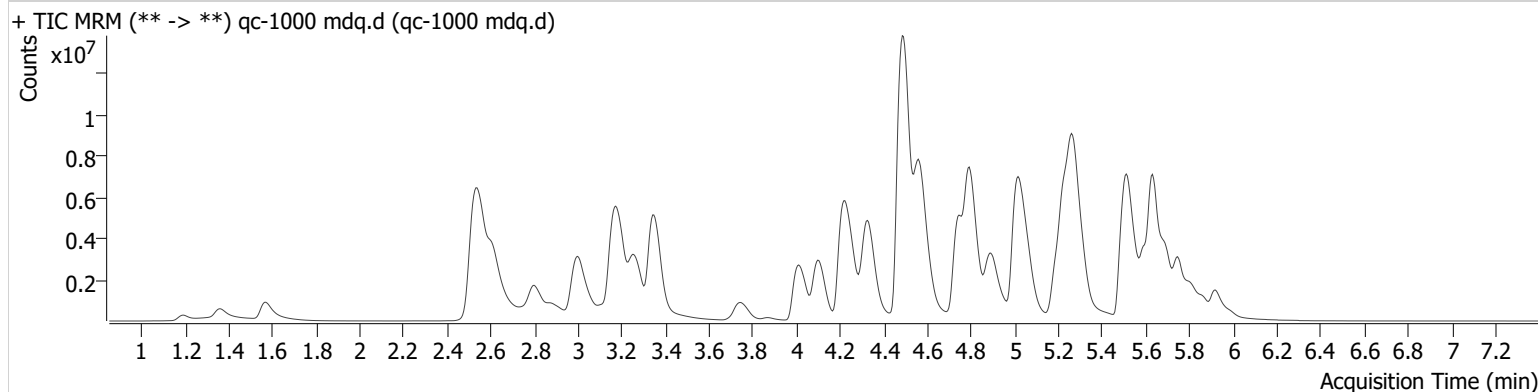
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.610	689047	36865.2	224.9	34510.3	719250	251.692 ng/ml
Lorazepam	5.719	174816	∞	47.2	∞	63337	235.373 ng/ml
MDA	3.158	1762111	82996.4	27.7	98078.4	254280	252.183 ng/ml
MDMA	3.261	2151515	94333.6	95.3	458512.7	94452	245.837 ng/ml
Meprobamate	4.897	410312	1979066.8	29.8	2282.9	98051	262.424 ng/ml
Methadone	5.631	4442241	335271.9	54.1	359466.5	786962	255.126 ng/ml
Methamphetamine	3.180	4453557	50688.5	38.8	25538.4	882737	228.302 ng/ml
Metoprolol	4.294	471025	1109982.2	98.4	∞	254280	265.271 ng/ml
Mirtazapine	4.564	5820049	75845.7	48.2	167885.1	786962	281.211 ng/ml
Mitragynine	5.179	945655	1316700.6	31.8	362439.0	17309	264.785 ng/ml
Morphine	1.191	95943	360.9	16.6	337.6	6576	261.047 ng/ml
Norbuprenorphine	4.971	19141	∞	95.1	∞	17309	27.064 ng/ml
Nordiazepam	5.868	740862	∞	63.2	∞	112871	253.904 ng/ml
Norfentanyl	4.053	184659	17192.7	39.1	141201.1	835667	24.390 ng/ml
Noroxycodone	2.884	616517	∞	46.7	∞	87391	252.833 ng/ml
O-desmethyl-tramadol	3.349	5301172	∞	6.1	22746.9	1117209	243.776 ng/ml
Oxazepam	5.726	403257	1879.7	69.8	∞	63337	264.161 ng/ml
Oxycodone	2.796	1945696	∞	29.6	∞	361034	254.990 ng/ml
Oxymorphone	1.359	775499	∞	43.9	∞	112235	247.886 ng/ml
Phentermine	3.750	814335	27004.6	9.1	4401.6	481109	237.594 ng/ml
Promethazine	5.517	4010302	415577.3	41.1	49124.8	794386	254.484 ng/ml
Pseudoephedrine	2.534	10179341	∞	24.3	∞	1982863	248.619 ng/ml
Quetiapine	5.493	2737324	775853.6	63.8	∞	180527	253.729 ng/ml
Sertraline	5.746	689637	1705027.0	98.5	485069.9	115725	270.230 ng/ml
Temazepam	5.793	1608341	94801.3	28.1	8227.1	303466	238.795 ng/ml
Tramadol	4.212	5223123	88930.6	3.5	3375.9	1109300	250.107 ng/ml
Trazodone	5.019	2889088	98994.9	79.9	55327.9	588085	245.389 ng/ml
Venlafaxine	5.010	3925622	1723339.6	38.4	18569.5	1107850	234.069 ng/ml
Zolpidem	4.791	6042231	289800.5	28.5	232341.8	1078733	255.425 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument	69679	Data File	qc-1000 mdq.d
Type	QC	Sample	qc-1000 mdq.d
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-D6	Comment	
Injection Volume	3		
Acq. Date-Time	1/12/2022 5:41:29 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	167335	∞	131.1	248709.5	44947	103.822 ng/ml
7-aminoclonazepam	4.253	713439	25056.0	77.6	1678.7	32602	863.411 ng/ml
a-hydroxyalprazolam	5.661	101061	863.7	58.9	1408.7	105211	837.468 ng/ml
alpha-PHP	4.892	8460569	176486.8	40.2	106359.4	277894	1039.889 ng/ml
alpha-PVP	4.331	11044748	558193.3	52.9	735108.7	451935	1021.477 ng/ml
Alprazolam	5.751	2656193	5634.5	93.0	2074.8	94555	985.267 ng/ml
Amphetamine	3.006	3145185	197797.4	244.6	405851.9	277894	567.753 ng/ml ocr
Benzoylcegonine	3.871	186739	∞	53.8	3460.3	6056	1079.846 ng/ml
Buprenorphine	5.644	199556	74970.2	15.3	36297.9	32915	103.821 ng/ml
Bupropion	4.746	10210809	∞	65.8	1114633.7	498956	987.619 ng/ml
Carisoprodol	5.706	1016147	27917980.1	60.6	66411.9	40933	1032.794 ng/ml
Citalopram	5.196	4564684	266512.7	41.1	96029.7	204219	998.723 ng/ml
Clonazepam	5.589	458203	∞	34.8	56066.4	11013	839.499 ng/ml ocr
Clonazepam	5.551	1005521	8337.4	39.7	3041.9	105211	1030.609 ng/ml
Cocaine	4.236	6081383	411738.9	50.5	426186.7	529423	1004.295 ng/ml
Codeine	2.542	533380	27118.2	96.7	∞	33577	876.462 ng/ml
Cyclobenzaprine	5.596	6699812	170991.9	8.1	1162184.1	208692	1033.698 ng/ml
Dextromethorphan	5.234	3506577	94200.8	74.4	103681.2	165299	1018.843 ng/ml
Dextrophan	4.104	7392681	316572.5	44.0	429813.8	355738	1034.963 ng/ml
Diazepam	5.919	2867372	∞	86.6	5904.6	135839	1035.487 ng/ml
Dihydrocodeine	2.500	1897574	10399.0	62.3	7716.2	211539	667.230 ng/ml
Diphenhydramine	5.272	19454848	8802930.3	30.2	64780.1	939524	1048.487 ng/ml
Doxylamine	4.491	31851710	1494697.3	84.0	61284074.9	1337664	939.370 ng/ml
EDDP	5.229	12681299	1365346.3	41.6	121819.4	613911	1079.527 ng/ml
Etizolam	5.786	1830439	24299.2	23.3	∞	135839	977.044 ng/ml
Fentanyl	5.056	900133	1297340.2	126.1	2033097.5	393411	117.501 ng/ml
Flualprazolam	5.682	1025360	3717.0	90.0	17838.4	94555	927.552 ng/ml
Fluoxetine	5.688	3608073	262745.3	7.4	350130.6	126936	1050.393 ng/ml
Hydrocodone	2.987	3161863	∞	38.8	∞	197134	945.435 ng/ml
Hydromorphone	1.572	2463251	∞	75.1	∞	77029	1094.436 ng/ml
Ketamine	4.012	7223450	443393.9	37.2	155855.3	388913	965.216 ng/ml
Lamotrigine	4.264	275854	27462.8	89.2	104051.4	94555	807.622 ng/ml
Levetiracetam	2.615	2331598	65357.9	223.6	861190.8	613911	1001.017 ng/ml

AM #28 Multi-Drug Quant. Results

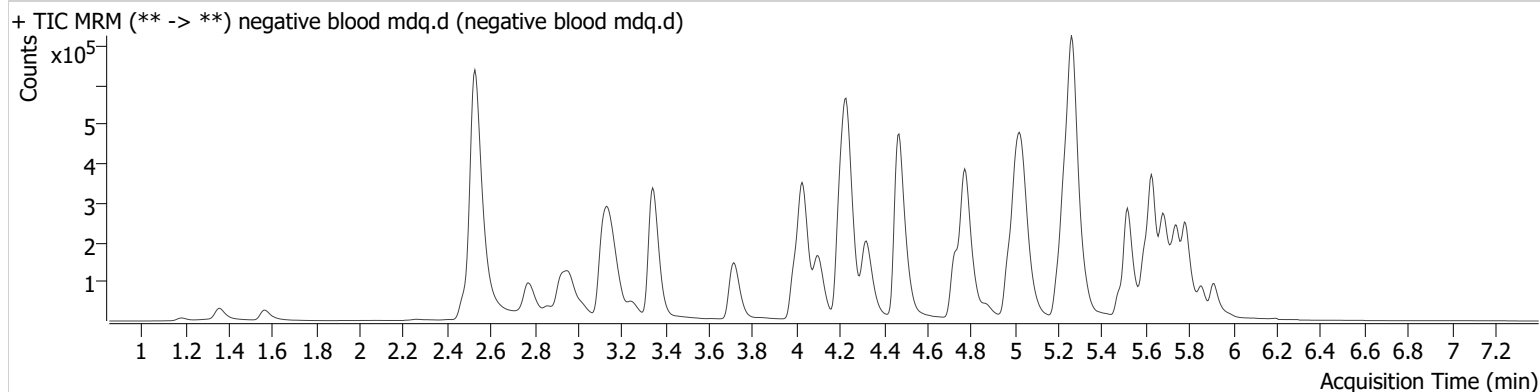
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Lorazepam	5.719	195269	∞	49.2	5252.3	10593	1575.940	ng/ml ocr
MDA	3.143	2601669	178485.7	27.7	10271.5	135571	700.416	ng/ml ocr
MDMA	3.256	5836317	394454.1	93.2	184293.4	65428	962.928	ng/ml
Meprobamate	4.913	650976	14398.0	29.4	∞	40933	996.171	ng/ml
Methadone	5.631	14822257	∞	51.9	303080.1	625896	1069.614	ng/ml
Methamphetamine	3.175	12223877	483475.4	38.3	144980.3	888919	630.215	ng/ml ocr
Metoprolol	4.294	969644	1556068.9	98.4	∞	135571	1020.713	ng/ml
Mirtazapine	4.569	18738704	736034.8	46.2	607923.6	625896	1138.362	ng/ml
Mitragynine	5.179	2738433	243563.7	34.8	79064.7	15039	882.666	ng/ml
Morphine	1.191	273652	356.2	16.7	289.3	5696	861.901	ng/ml
Norbuprenorphine	4.971	58413	∞	94.8	∞	15039	96.268	ng/ml
Nordiazepam	5.868	1198005	∞	62.4	∞	51020	909.801	ng/ml
Norfentanyl	4.053	576023	94738.7	39.5	∞	557593	113.858	ng/ml
Noroxycodone	2.879	1808304	∞	45.3	∞	64841	1000.891	ng/ml
O-desmethyl-tramadol	3.348	18227883	∞	5.9	∞	945957	990.834	ng/ml
Oxazepam	5.726	251223	∞	70.9	3971.4	10593	985.389	ng/ml
Oxycodone	2.796	6706374	∞	29.2	∞	322368	985.366	ng/ml
Oxymorphone	1.359	2415215	∞	44.3	∞	92263	939.931	ng/ml
Phentermine	3.750	2322810	28362.8	8.2	23692.1	428457	762.683	ng/ml ocr
Promethazine	5.517	13096771	219844.4	37.4	∞	585405	1127.380	ng/ml
Pseudoephedrine	2.539	27107307	∞	23.7	∞	1246032	1053.314	ng/ml
Quetiapine	5.488	7942517	560533.7	62.4	288872.6	154156	863.437	ng/ml
Sertraline	5.746	1197900	196139.5	96.5	1112335.6	51771	1050.301	ng/ml
Temazepam	5.804	2306881	∞	28.5	15603.7	105211	984.820	ng/ml
Tramadol	4.207	15097875	288507.7	3.3	∞	825289	973.934	ng/ml
Trazodone	5.024	6963366	122445.9	80.7	97762.2	520187	669.864	ng/ml ocr
Venlafaxine	5.010	13525599	212694.3	36.4	140642.8	851347	1042.201	ng/ml
Zolpidem	4.796	20313858	12351413.8	27.9	185290.4	897991	1031.581	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument	69679	Data File	negative blood mdq.d
Type	Sample	Sample	negative blood mdq.d
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A7	Comment	
Injection Volume	3		
Acq. Date-Time	1/12/2022 6:08:29 PM		
Sample Info.			

Sample Chromatogram

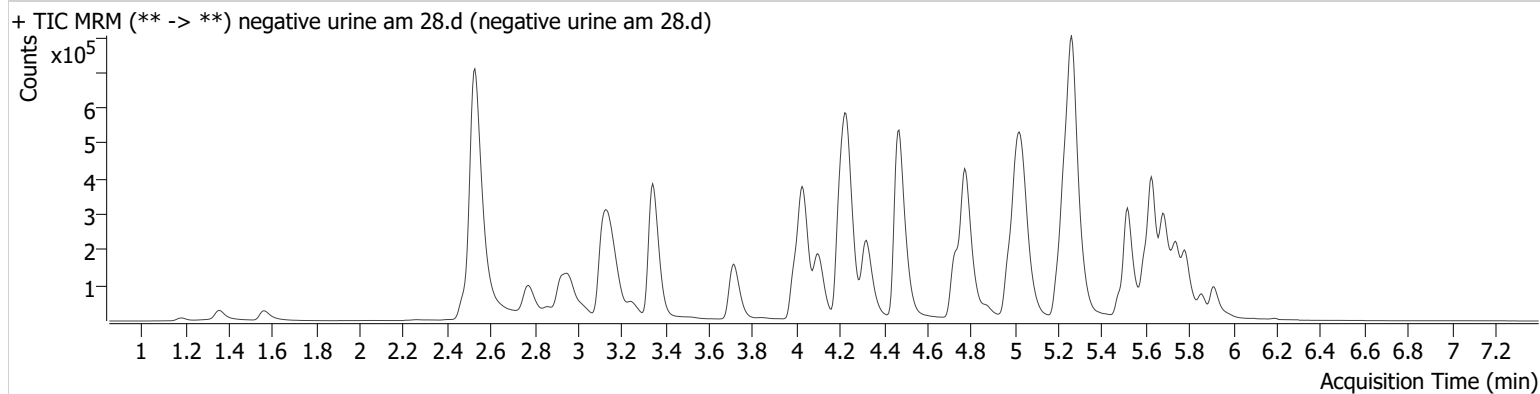


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument	69679	Data File	negative urine am 28.d
Type	Sample	Sample	negative urine am 28.d
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B7	Comment	
Injection Volume	3		
Acq. Date-Time	1/12/2022 8:14:29 PM		
Sample Info.			

Sample Chromatogram



AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument	69679	Data File	qc 100 urine.d
Type	Sample	Sample	qc 100 urine.d
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E2	Comment	
Injection Volume	3		
Acq. Date-Time	1/12/2022 5:59:27 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Sertraline	5.746	30954	30257.5	95.1	1575.5	2899	484.527 ng/ml

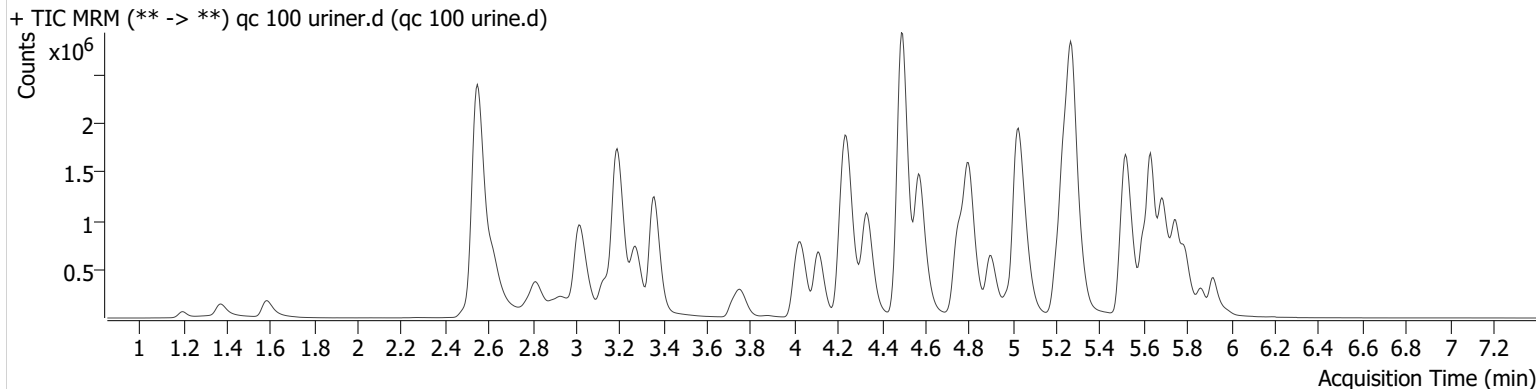
wrong sample position. Correct position injected and evaluated.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument	69679	Data File	qc 100 uriner.d
Type	Sample	Sample	qc 100 urine.d
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E6	Comment	
Injection Volume	3		
Acq. Date-Time	1/13/2022 9:00:57 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.130	27077	∞	130.8	1775.1	74169	10.141 ng/ml
7-aminoclonazepam	4.253	494543	22579.3	71.4	33827.2	185600	104.929 ng/ml
a-hydroxyalprazolam	5.666	44447	1094.9	55.6	790.2	313074	122.876 ng/ml
alpha-PHP	4.902	1244311	154193.6	40.2	21800.7	440432	96.731 ng/ml
alpha-PVP	4.338	1670535	51367.8	53.9	13311.0	731254	95.769 ng/ml
Alprazolam	5.746	571254	1375.8	91.6	∞	209616	95.890 ng/ml
Amphetamine	3.021	914181	30290.5	248.2	52487.6	440432	102.681 ng/ml
Benzoylcegonine	3.881	20743	10210.6	53.4	460.4	6152	117.678 ng/ml
Buprenorphine	5.639	56321	∞	15.5	13794.2	95413	10.105 ng/ml
Bupropion	4.751	1486026	∞	72.0	16808.5	698028	102.736 ng/ml
Carisoprodol	5.706	326908	241813.7	63.2	∞	136913	99.489 ng/ml
Citalopram	5.206	1098648	12637.1	37.7	304712.0	498617	98.388 ng/ml
Clonazepam	5.599	213920	3449.2	35.9	145480.5	42381	101.489 ng/ml
Clonazepam	5.546	257913	∞	40.0	24843.8	313074	89.930 ng/ml
Cocaine	4.242	1110380	47652.9	52.5	11445484.1	998662	97.071 ng/ml
Codeine	2.557	142493	24084.7	95.6	11576.3	72869	106.547 ng/ml
Cyclobenzaprine	5.601	1387722	66756.5	8.0	∞	440486	101.287 ng/ml
Dextromethorphan	5.245	850010	23074.7	74.5	∞	408311	100.154 ng/ml
Dextrophan	4.109	1125305	727537.6	43.6	1278587.4	572649	97.970 ng/ml
Diazepam	5.919	474833	8431.3	87.9	3400.8	238501	97.767 ng/ml
Dihydrocodeine	2.521	406925	7089.5	60.4	7015.4	289895	103.333 ng/ml
Diphenhydramine	5.272	3776502	∞	30.9	189379.3	1949926	98.174 ng/ml
Doxylamine	4.498	5134278	2016128.5	75.2	465547.0	2030726	99.626 ng/ml
EDDP	5.239	1865786	∞	43.2	87246.6	998885	97.654 ng/ml
Etizolam	5.786	308920	1718.2	23.2	3391.6	238501	93.772 ng/ml
Fentanyl	5.061	132301	28574.7	118.8	∞	695845	9.829 ng/ml
Flualprazolam	5.682	251692	∞	94.6	896.9	209616	102.509 ng/ml
Fluoxetine	5.688	1266946	∞	7.1	56793.2	448486	103.880 ng/ml
Hydrocodone	3.003	460841	∞	36.0	2322.3	265836	101.936 ng/ml
Hydromorphone	1.587	357729	3172615614 90581.0	74.9	5761.7	121039	101.668 ng/ml
Ketamine	4.017	1125114	22018.5	38.2	8312.9	574156	101.512 ng/ml
Lamotrigine	4.275	99890	2751.0	86.7	39954.1	209616	131.605 ng/ml

AM #28 Multi-Drug Quant. Results

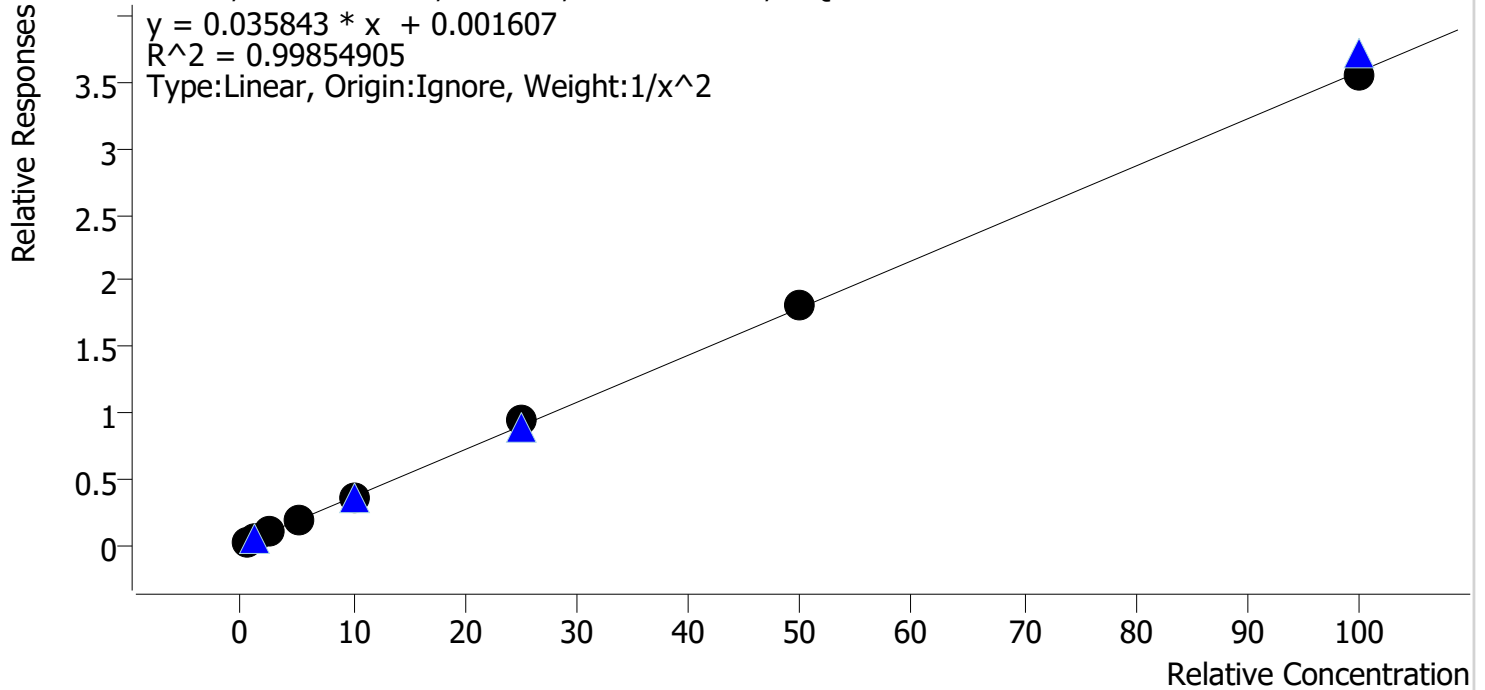
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.625	355816	25771.1	221.9	17345.4	998885	92.907 ng/ml
Lorazepam	5.724	87749	∞	47.4	5611.7	78750	94.615 ng/ml
MDA	3.184	1056229	∞	27.9	20405.1	372575	102.480 ng/ml
MDMA	3.276	1083483	271928.9	97.5	814874.5	122481	95.419 ng/ml
Meprobamate	4.903	233286	11225.7	29.1	1581.1	136913	107.095 ng/ml
Methadone	5.631	2064871	481955.6	56.3	34989.8	971725	96.181 ng/ml
Methamphetamine	3.190	2631593	∞	39.1	34485.9	1058492	110.169 ng/ml
Metoprolol	4.305	242444	682517.9	98.9	4072.4	372575	93.988 ng/ml
Mirtazapine	4.574	3145232	130642.6	46.6	201788.6	971725	123.083 ng/ml
Mitragynine	5.190	432236	1548435.8	31.0	436145.1	20072	104.332 ng/ml
Morphine	1.201	47843	369.6	16.4	249.2	9173	92.675 ng/ml
Norbuprenorphine	4.982	9026	∞	93.6	∞	20072	10.720 ng/ml
Nordiazepam	5.868	335929	∞	61.9	∞	124045	104.417 ng/ml
Norfentanyl	4.064	91488	29197.7	38.9	149652.7	1053861	9.609 ng/ml
Noroxycodone	2.900	336241	∞	46.7	∞	122174	98.343 ng/ml
O-desmethyl-tramadol	3.358	2577897	393082.5	6.3	208055.2	1389481	95.143 ng/ml
Oxazepam	5.731	193540	8870.4	66.9	13661.8	78750	101.663 ng/ml
Oxycodone	2.817	1046283	∞	29.1	∞	464594	106.339 ng/ml
Oxymorphone	1.374	380544	∞	42.2	∞	136858	99.584 ng/ml
Phentermine	3.760	431864	∞	9.7	2177.0	583166	103.521 ng/ml
Promethazine	5.522	1894401	668070.1	42.3	226857.1	957238	99.833 ng/ml
Pseudoephedrine	2.555	5574620	∞	24.7	∞	2766730	97.627 ng/ml
Quetiapine	5.498	1473817	1679419.9	64.1	∞	243058	101.145 ng/ml
Sertraline	5.751	406151	∞	99.3	∞	181644	101.161 ng/ml
Temazepam	5.793	604708	15341.2	28.3	10320.5	313074	87.655 ng/ml
Tramadol	4.223	2664399	319962.1	3.6	4494.5	1359742	103.643 ng/ml
Trazodone	5.024	1468173	54768.6	81.9	92107.2	712825	102.467 ng/ml
Venlafaxine	5.021	1917076	2293255.2	37.5	21835.6	1402704	91.560 ng/ml
Zolpidem	4.801	2999231	274827.9	28.4	2055832.7	1339427	102.109 ng/ml

Compound Calibration Report



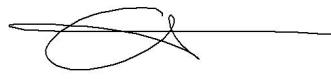
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Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



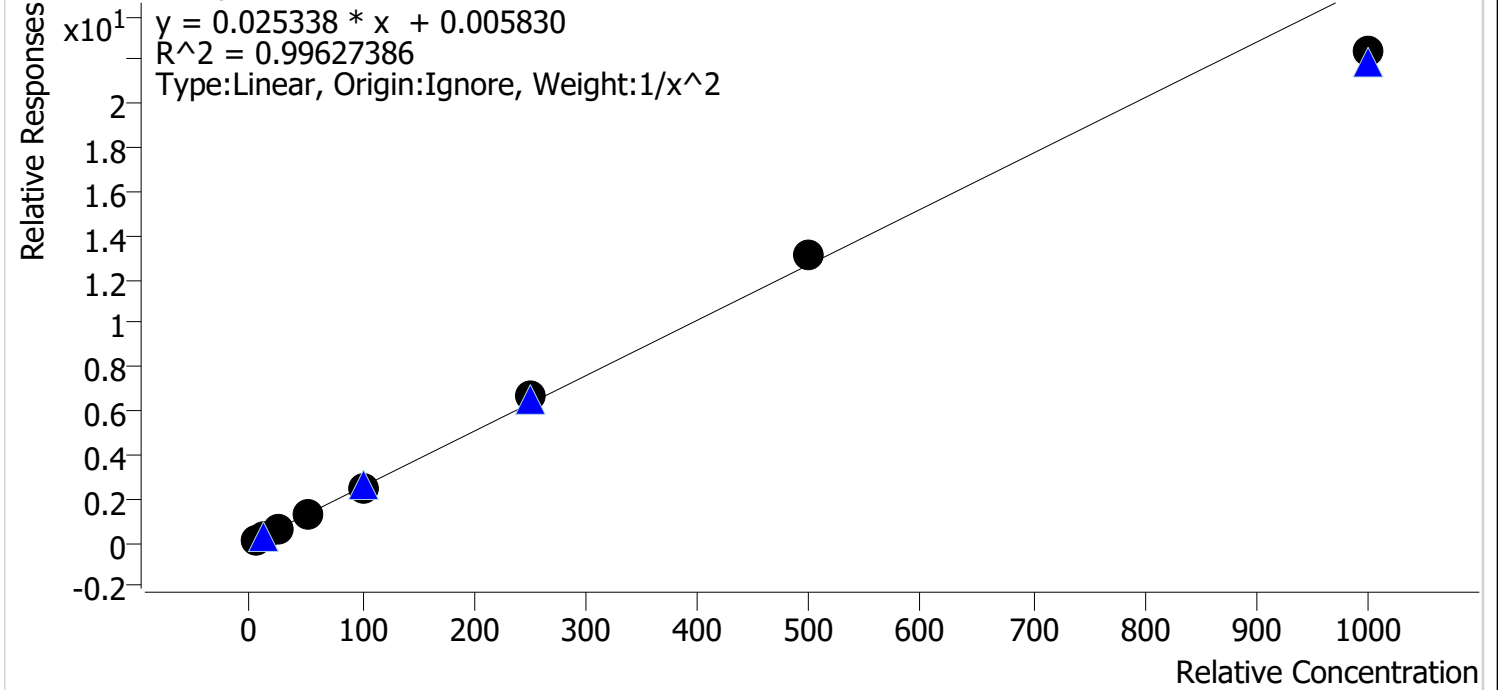
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cal 2 mdq.d	2	✓	1.0	1.0	96.8
cal 3 mdq.d	3	✓	2.5	2.6	104.7
cal 4 mdq.d	4	✓	5.0	4.9	98.4
cal 5 mdq.d	5	✓	10.0	9.5	94.9
cal 6 mdq.d	6	✓	25.0	25.9	103.6
cal 7 mdq.d	7	✓	50.0	50.7	101.4
cal 8 mdq.d	8	✓	100.0	99.2	99.2

Compound Calibration Report



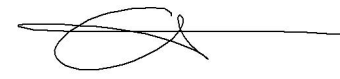
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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



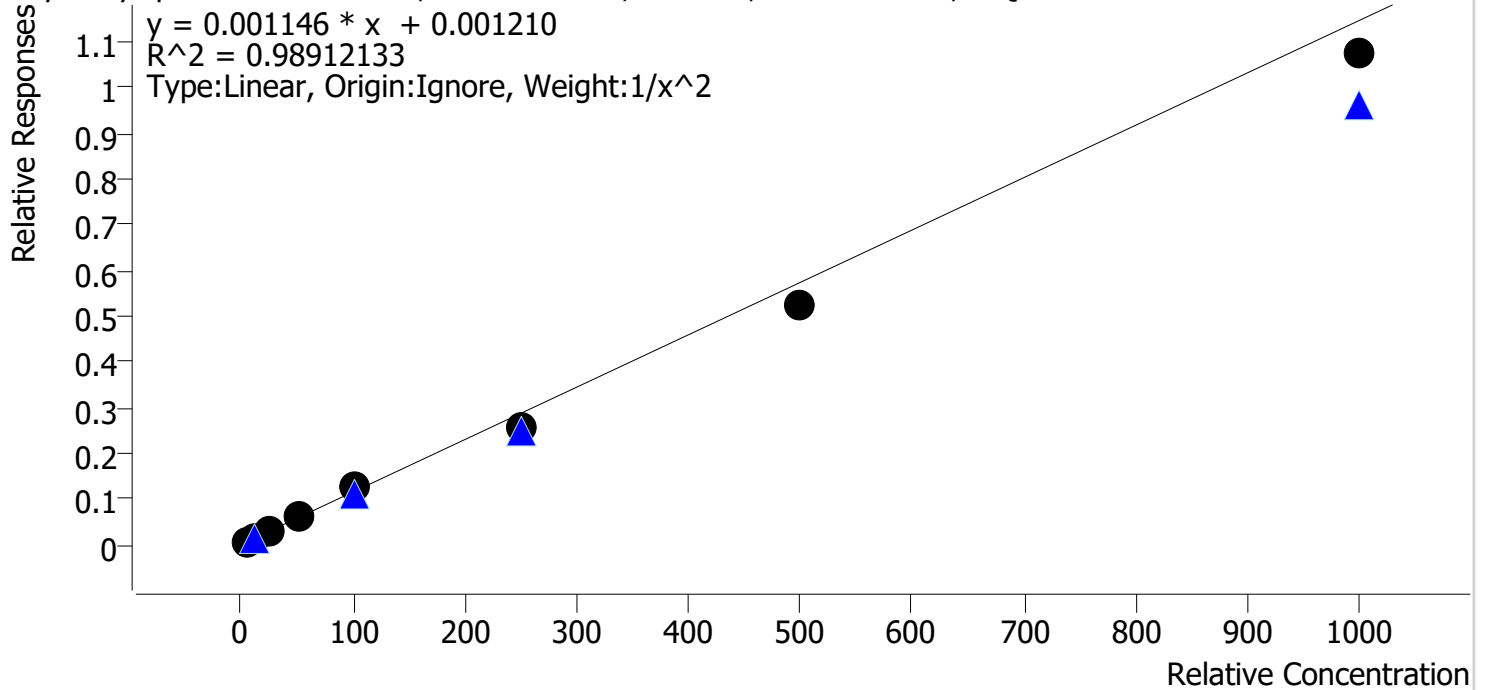
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.9	98.0
cal 2 mdq.d	2	✓	10.0	10.4	103.6
cal 3 mdq.d	3	✓	25.0	24.9	99.4
cal 4 mdq.d	4	✓	50.0	50.9	101.8
cal 5 mdq.d	5	✓	100.0	100.1	100.1
cal 6 mdq.d	6	✓	250.0	263.6	105.4
cal 7 mdq.d	7	✓	500.0	516.3	103.3
cal 8 mdq.d	8	✓	1000.0	883.2	88.3

Compound Calibration Report



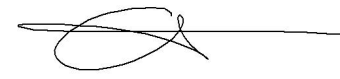
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5

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

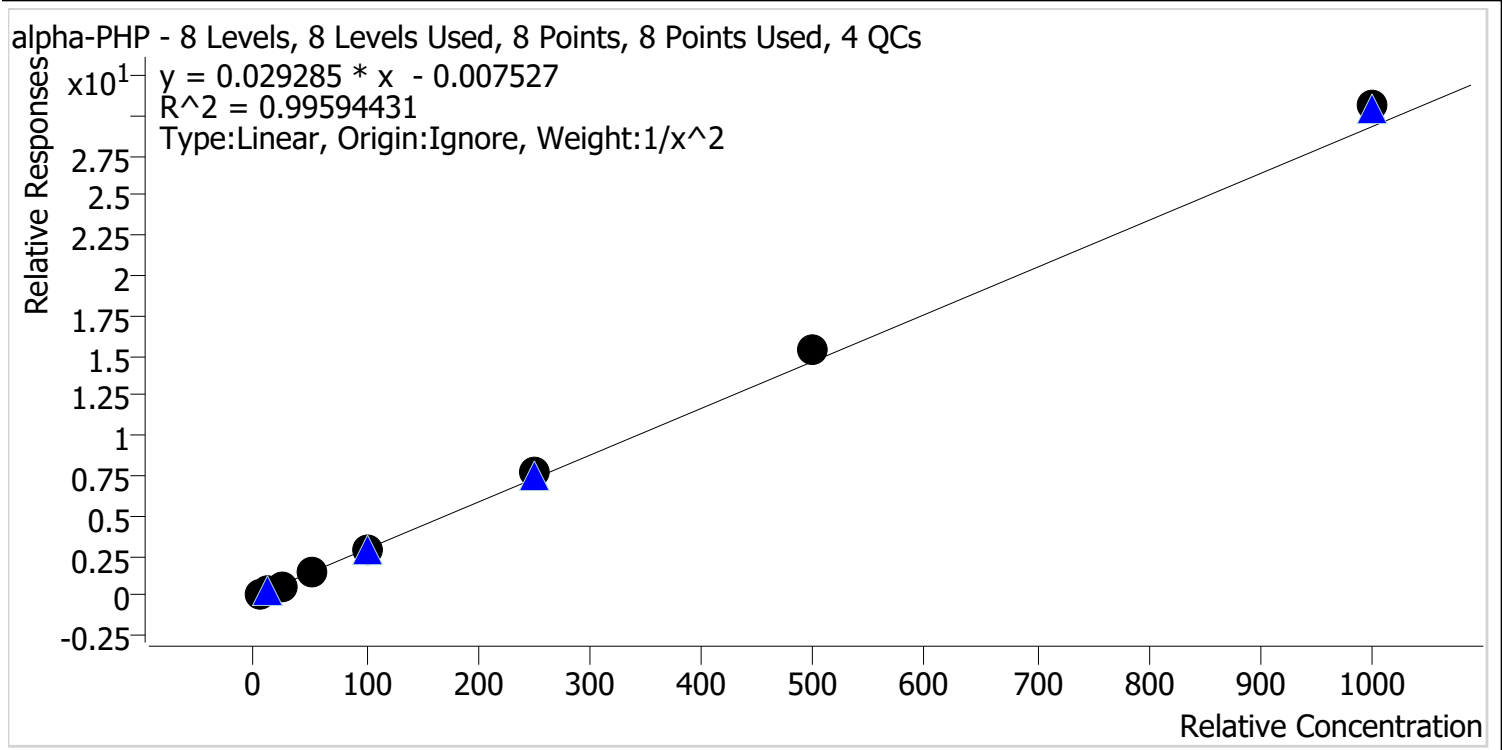


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.9	97.2
cal 2 mdq.d	2	✓	10.0	9.9	98.5
cal 3 mdq.d	3	✓	25.0	27.8	111.3
cal 4 mdq.d	4	✓	50.0	56.1	112.2
cal 5 mdq.d	5	✓	100.0	107.1	107.1
cal 6 mdq.d	6	✓	250.0	222.1	88.8
cal 7 mdq.d	7	✓	500.0	455.6	91.1
cal 8 mdq.d	8	✓	1000.0	936.8	93.7

Compound Calibration Report

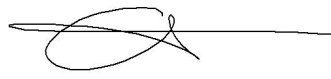


Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** Amphetamine-D11

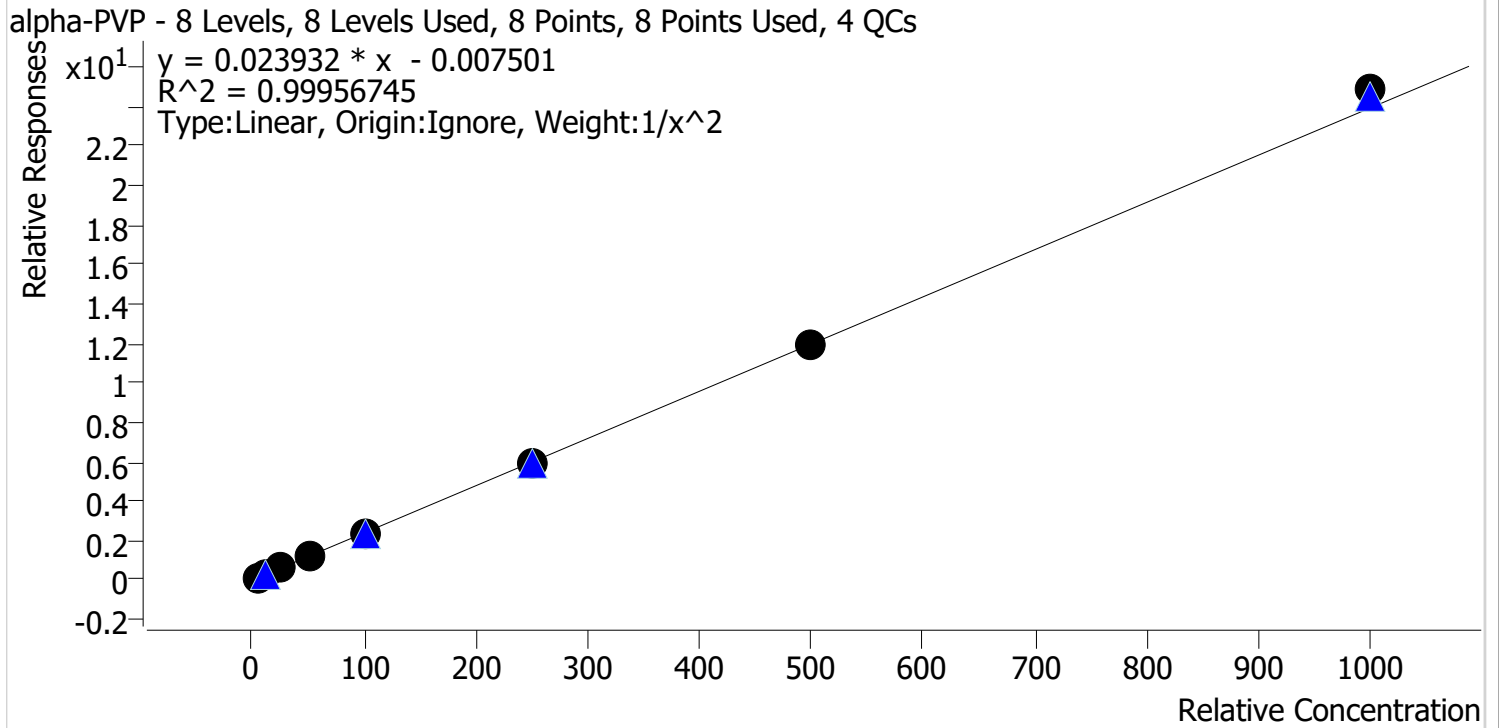


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.1	102.5
cal 2 mdq.d	2	✓	10.0	10.0	99.9
cal 3 mdq.d	3	✓	25.0	22.4	89.6
cal 4 mdq.d	4	✓	50.0	47.7	95.5
cal 5 mdq.d	5	✓	100.0	97.6	97.6
cal 6 mdq.d	6	✓	250.0	261.9	104.8
cal 7 mdq.d	7	✓	500.0	528.0	105.6
cal 8 mdq.d	8	✓	1000.0	1044.7	104.5

Compound Calibration Report

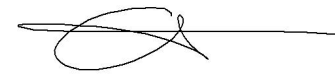


Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

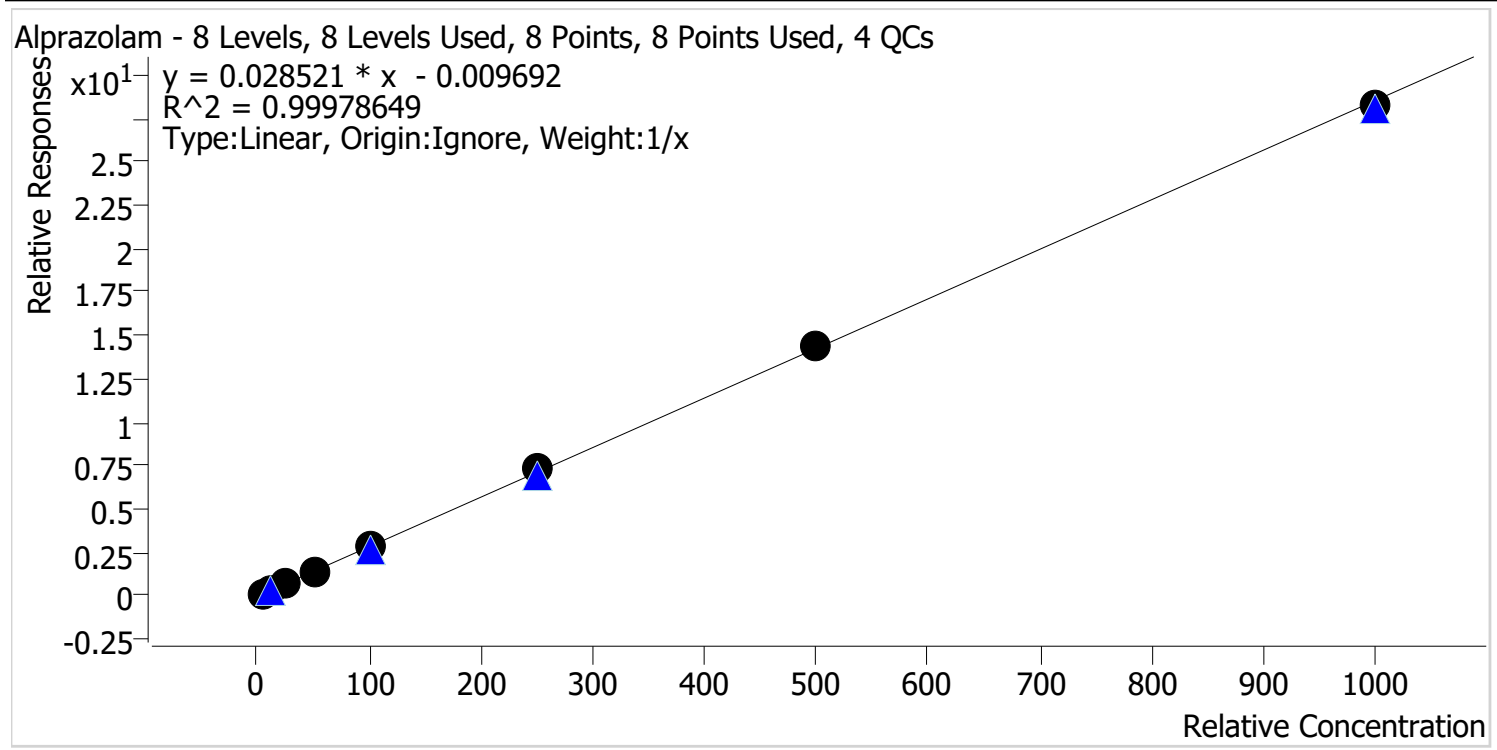


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	100.5
cal 2 mdq.d	2	✓	10.0	9.9	99.5
cal 3 mdq.d	3	✓	25.0	25.0	100.1
cal 4 mdq.d	4	✓	50.0	49.1	98.1
cal 5 mdq.d	5	✓	100.0	98.2	98.2
cal 6 mdq.d	6	✓	250.0	248.4	99.4
cal 7 mdq.d	7	✓	500.0	501.5	100.3
cal 8 mdq.d	8	✓	1000.0	1039.0	103.9

Compound Calibration Report

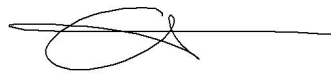


Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



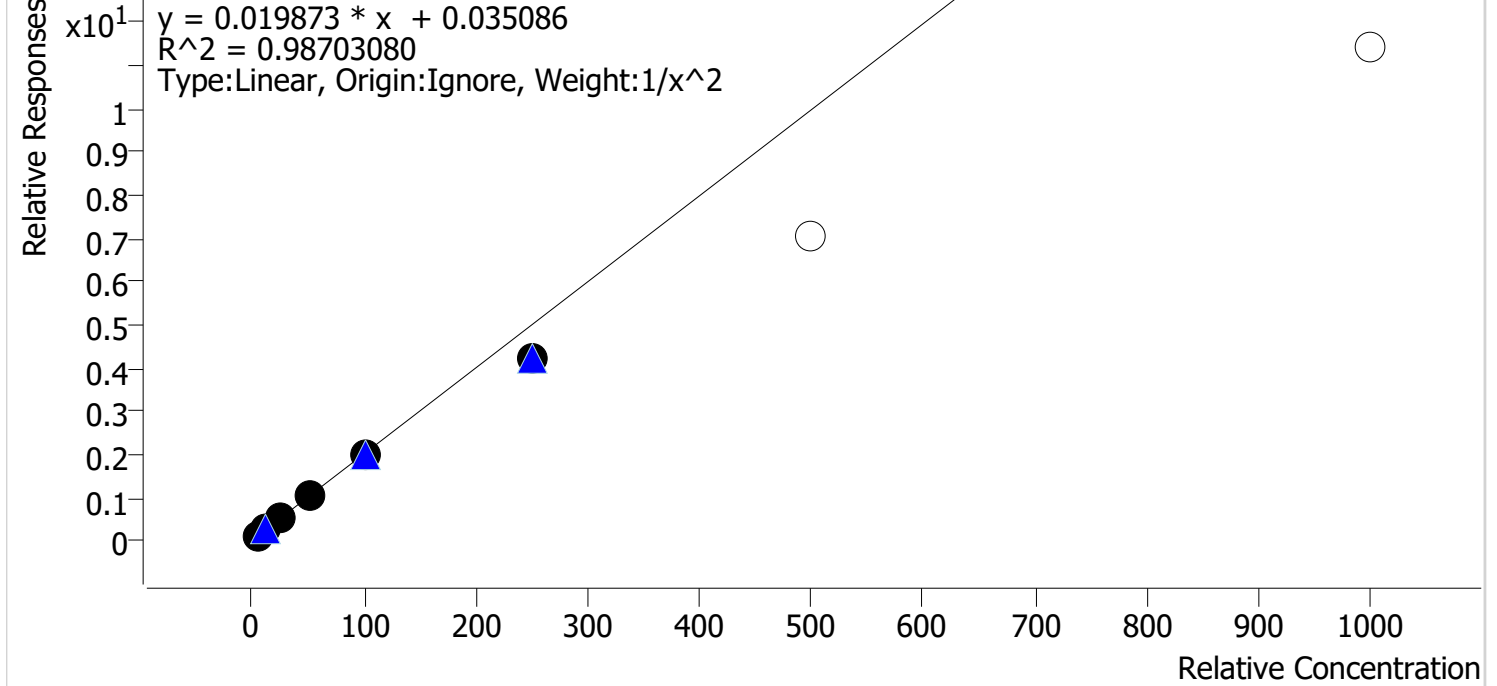
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.2	103.1
cal 2 mdq.d	2	✓	10.0	10.0	100.1
cal 3 mdq.d	3	✓	25.0	24.2	96.8
cal 4 mdq.d	4	✓	50.0	49.2	98.5
cal 5 mdq.d	5	✓	100.0	98.9	98.9
cal 6 mdq.d	6	✓	250.0	255.4	102.2
cal 7 mdq.d	7	✓	500.0	507.2	101.4
cal 8 mdq.d	8	✓	1000.0	989.9	99.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

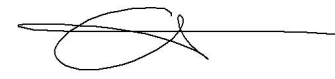
Amphetamine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.7	94.4
cal 2 mdq.d	2	✓	10.0	10.7	107.2
cal 3 mdq.d	3	✓	25.0	27.3	109.3
cal 4 mdq.d	4	✓	50.0	52.5	104.9
cal 5 mdq.d	5	✓	100.0	99.8	99.8
cal 6 mdq.d	6	✓	250.0	211.1	84.4
cal 7 mdq.d	7	✗	500.0	354.4	70.9
cal 8 mdq.d	8	✗	1000.0	572.3	57.2

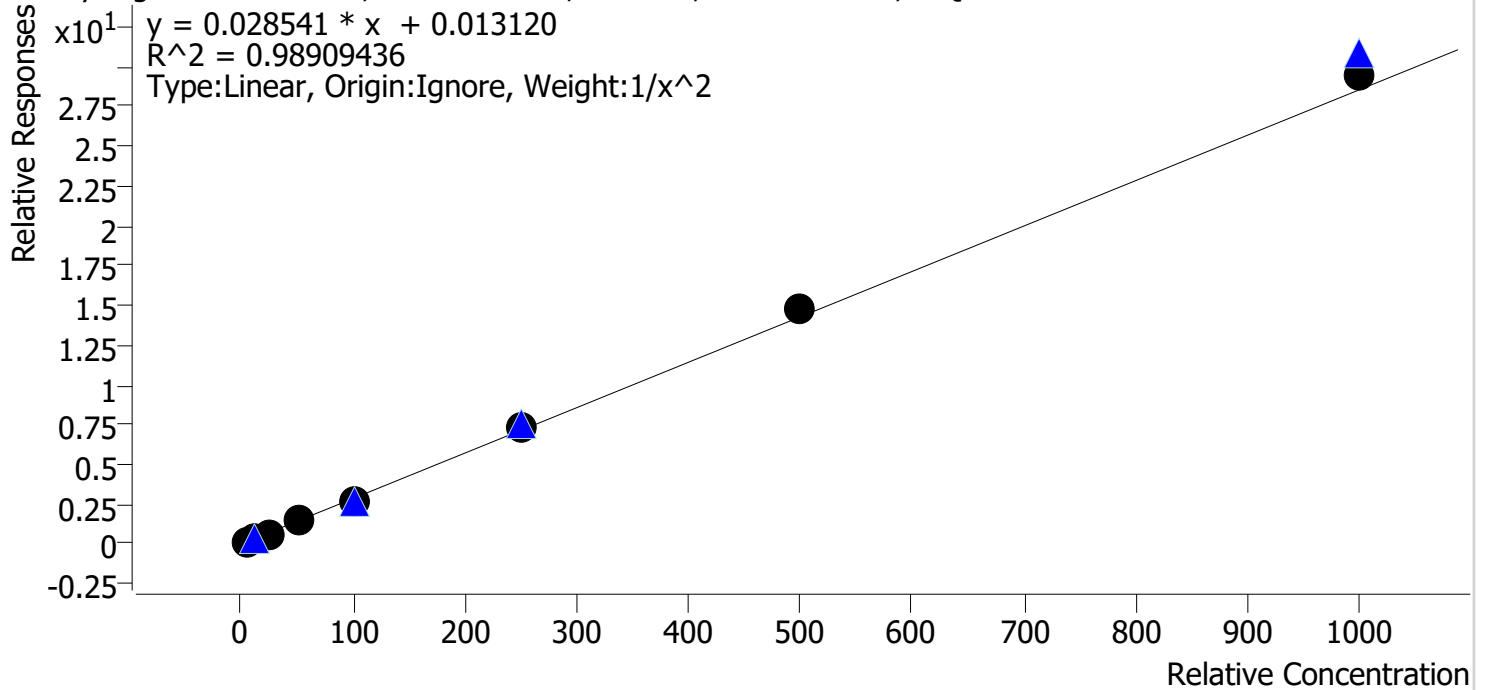
cal 7 and 8 dropped due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



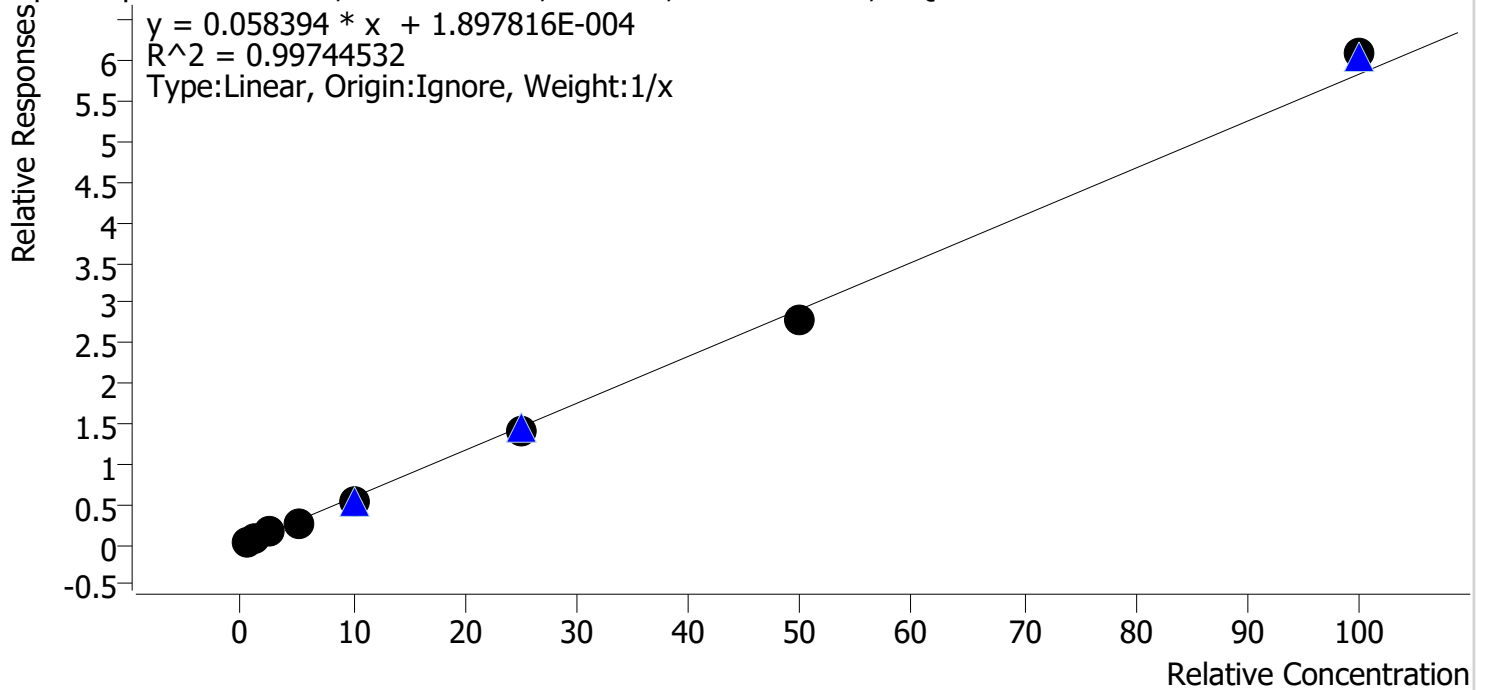
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.7	94.2
cal 2 mdq.d	2	✓	10.0	11.7	117.2
cal 3 mdq.d	3	✓	25.0	22.4	89.4
cal 4 mdq.d	4	✓	50.0	48.4	96.7
cal 5 mdq.d	5	✓	100.0	90.8	90.8
cal 6 mdq.d	6	✓	250.0	260.0	104.0
cal 7 mdq.d	7	✓	500.0	521.0	104.2
cal 8 mdq.d	8	✓	1000.0	1035.0	103.5

Compound Calibration Report



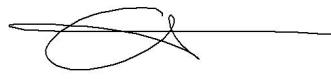
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



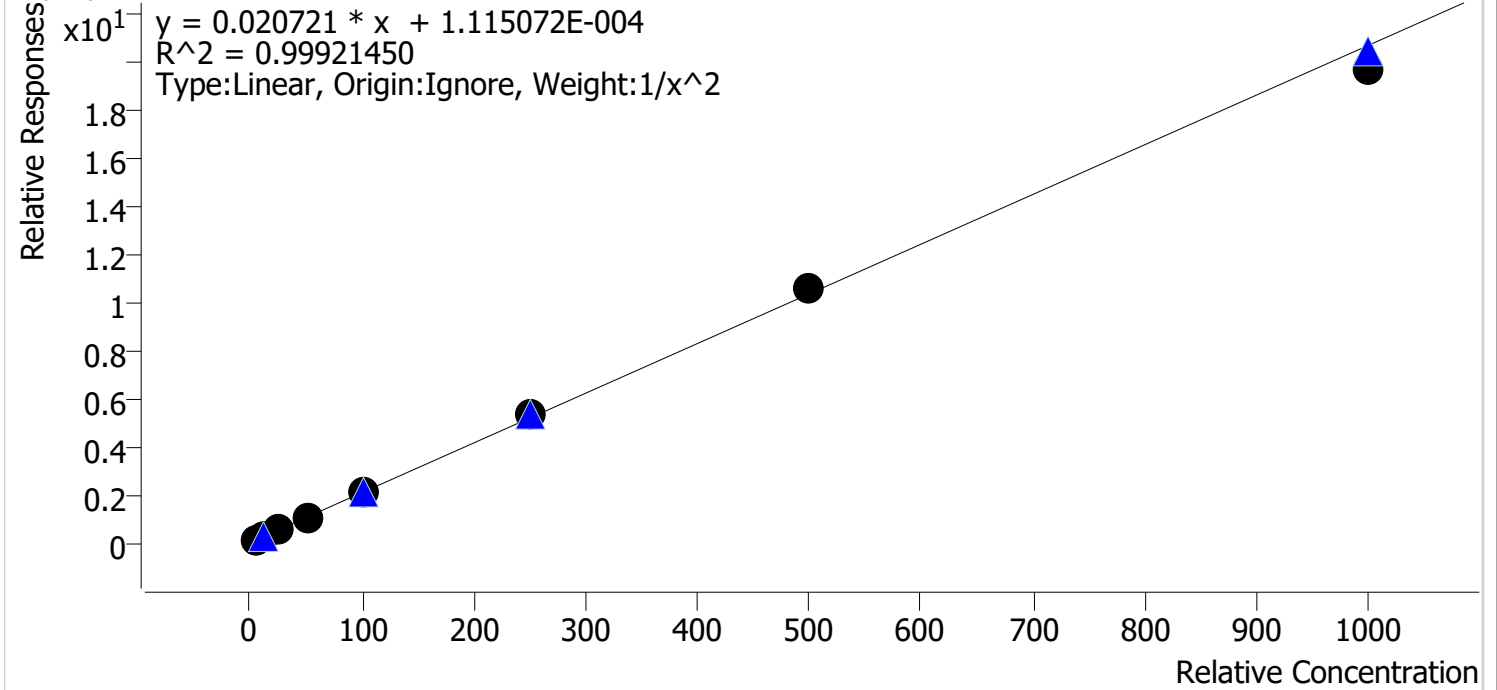
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	0.5	0.6	112.4
cal 2 mdq.d	2	✓	1.0	1.1	105.5
cal 3 mdq.d	3	✓	2.5	2.6	102.8
cal 4 mdq.d	4	✓	5.0	4.5	90.6
cal 5 mdq.d	5	✓	10.0	9.3	92.8
cal 6 mdq.d	6	✓	25.0	24.1	96.3
cal 7 mdq.d	7	✓	50.0	47.6	95.1
cal 8 mdq.d	8	✓	100.0	104.4	104.4

Compound Calibration Report



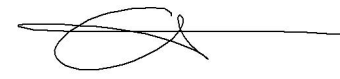
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	100.2
cal 2 mdq.d	2	✓	10.0	9.9	99.5
cal 3 mdq.d	3	✓	25.0	24.9	99.6
cal 4 mdq.d	4	✓	50.0	50.8	101.5
cal 5 mdq.d	5	✓	100.0	99.5	99.5
cal 6 mdq.d	6	✓	250.0	257.0	102.8
cal 7 mdq.d	7	✓	500.0	510.2	102.0
cal 8 mdq.d	8	✓	1000.0	948.7	94.9

Compound Calibration Report

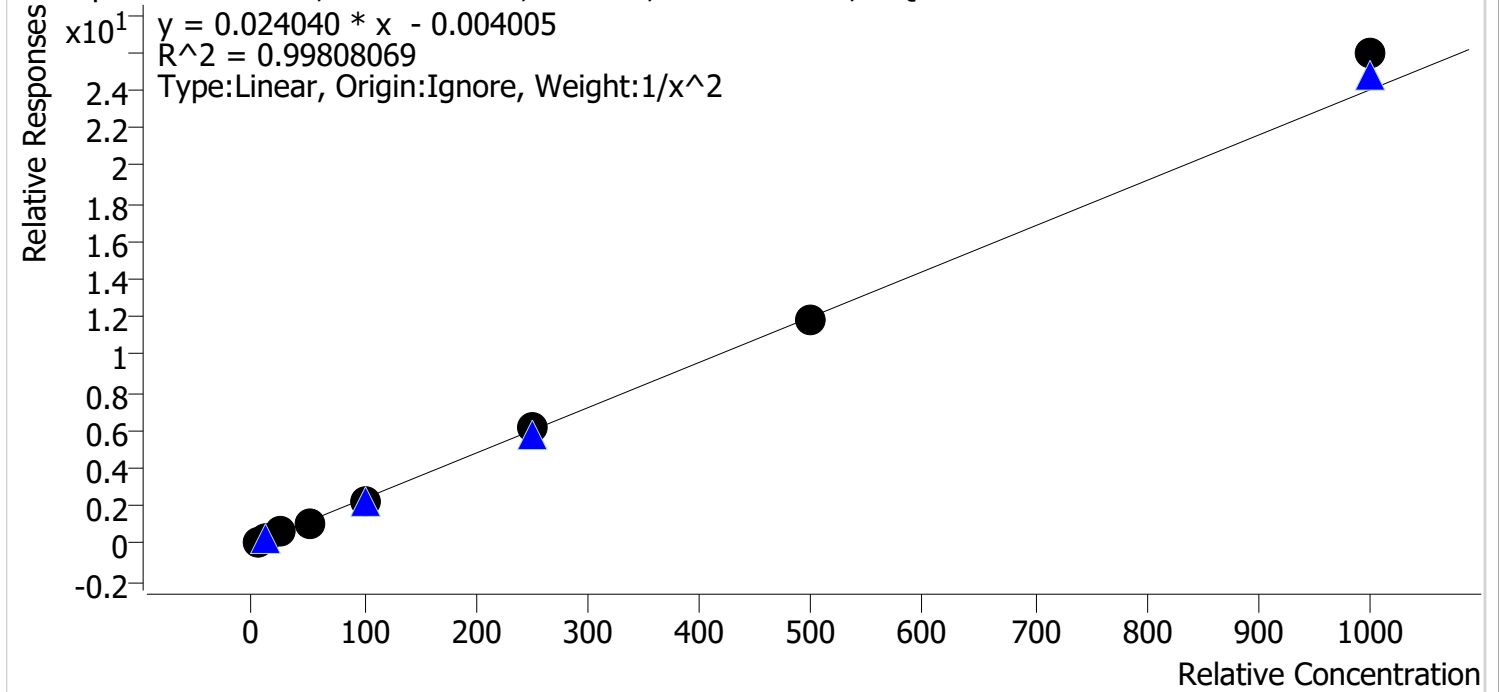


Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard

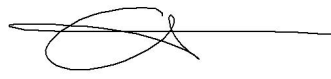
Carisoprodol-D7

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



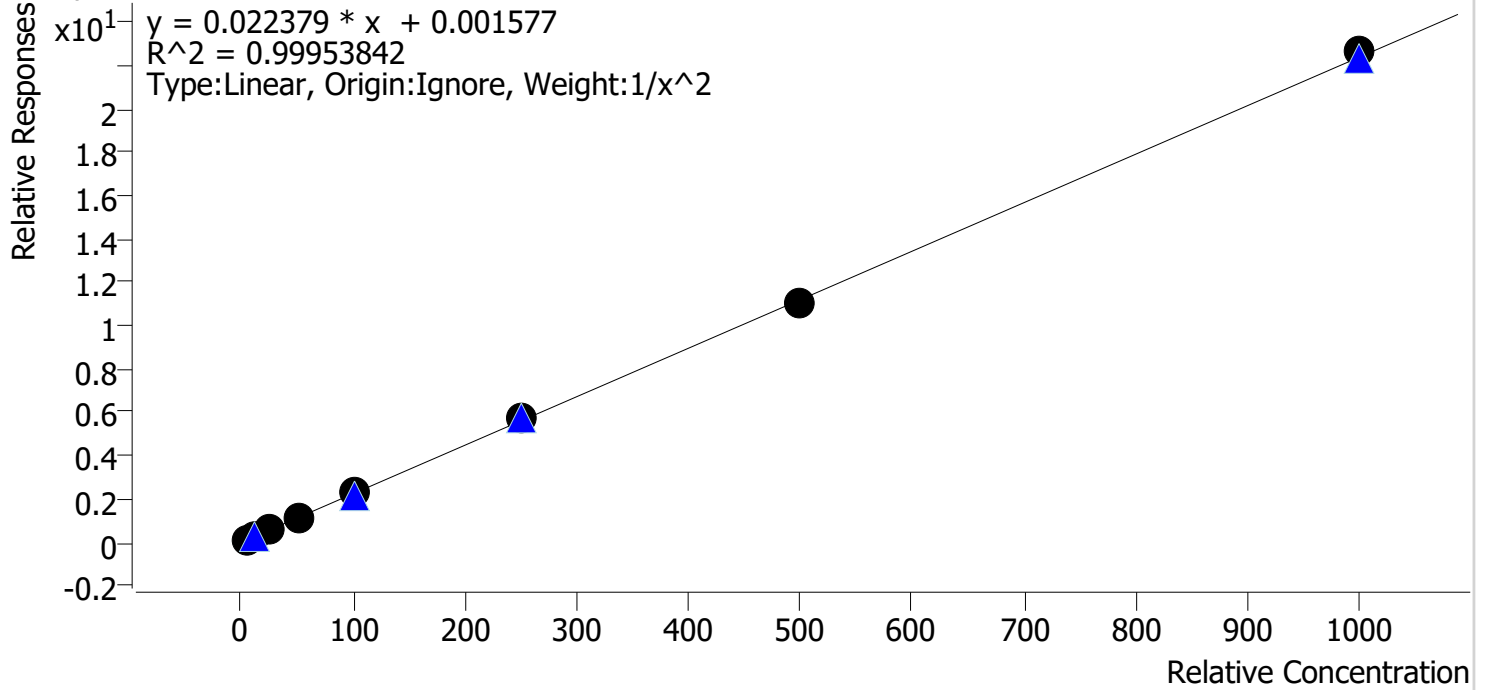
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.1	101.3
cal 2 mdq.d	2	✓	10.0	9.9	99.3
cal 3 mdq.d	3	✓	25.0	24.4	97.5
cal 4 mdq.d	4	✓	50.0	48.1	96.1
cal 5 mdq.d	5	✓	100.0	96.8	96.8
cal 6 mdq.d	6	✓	250.0	254.6	101.9
cal 7 mdq.d	7	✓	500.0	496.0	99.2
cal 8 mdq.d	8	✓	1000.0	1079.5	107.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.1	102.0
cal 2 mdq.d	2	✓	10.0	9.6	96.0
cal 3 mdq.d	3	✓	25.0	25.0	99.9
cal 4 mdq.d	4	✓	50.0	50.1	100.2
cal 5 mdq.d	5	✓	100.0	99.9	99.9
cal 6 mdq.d	6	✓	250.0	254.0	101.6
cal 7 mdq.d	7	✓	500.0	496.1	99.2
cal 8 mdq.d	8	✓	1000.0	1011.6	101.2

Compound Calibration Report

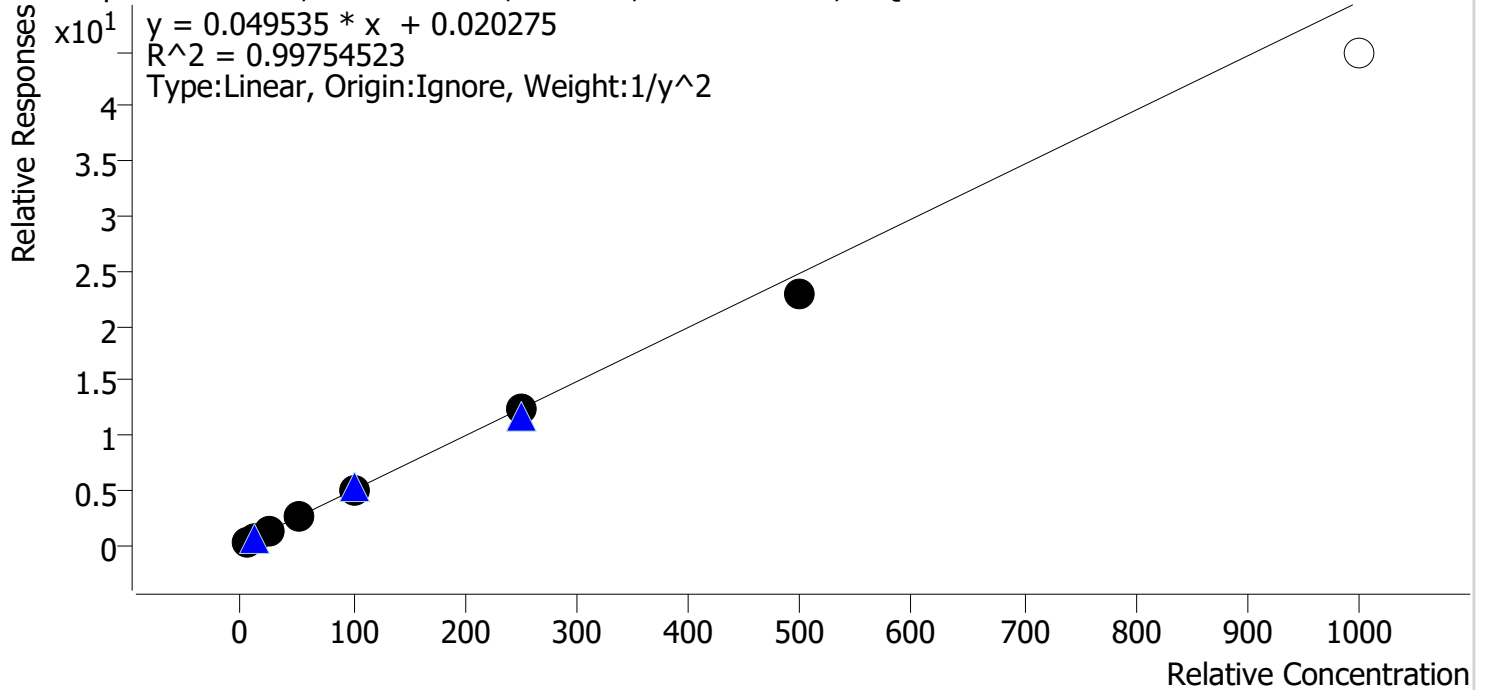


Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard

Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.9	97.5
cal 2 mdq.d	2	✓	10.0	10.3	102.7
cal 3 mdq.d	3	✓	25.0	26.1	104.4
cal 4 mdq.d	4	✓	50.0	51.2	102.5
cal 5 mdq.d	5	✓	100.0	102.7	102.7
cal 6 mdq.d	6	✓	250.0	249.0	99.6
cal 7 mdq.d	7	✓	500.0	463.3	92.7
cal 8 mdq.d	8	✗	1000.0	904.4	90.4

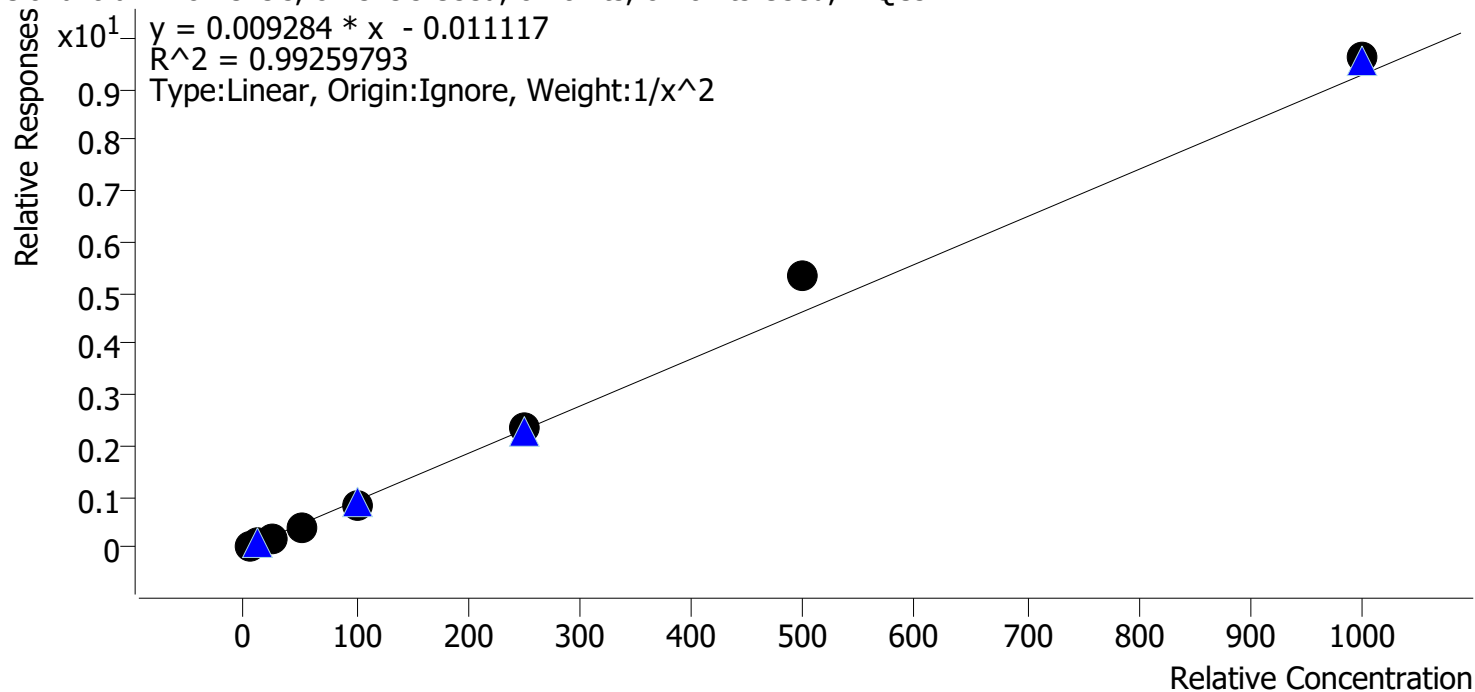
cal 8 was not included, it was inadvertently left off, since there were no case samples with clonazepam in this run it was not updated.

Compound Calibration Report



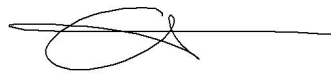
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Temazepam-D5

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

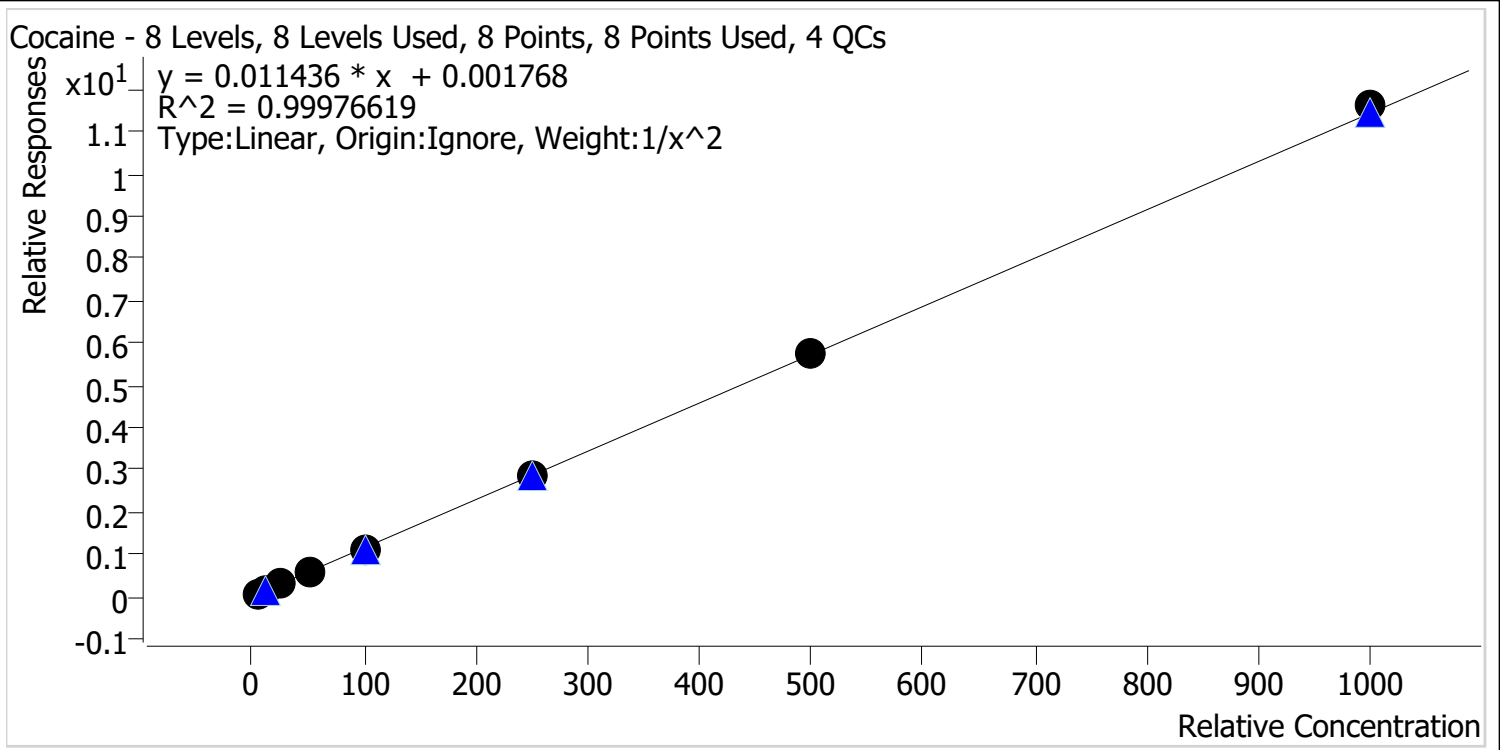


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.2	103.3
cal 2 mdq.d	2	✓	10.0	9.8	97.9
cal 3 mdq.d	3	✓	25.0	23.4	93.6
cal 4 mdq.d	4	✓	50.0	45.9	91.8
cal 5 mdq.d	5	✓	100.0	93.7	93.7
cal 6 mdq.d	6	✓	250.0	253.7	101.5
cal 7 mdq.d	7	✓	500.0	573.2	114.6
cal 8 mdq.d	8	✓	1000.0	1036.5	103.6

Compound Calibration Report

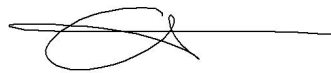


Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



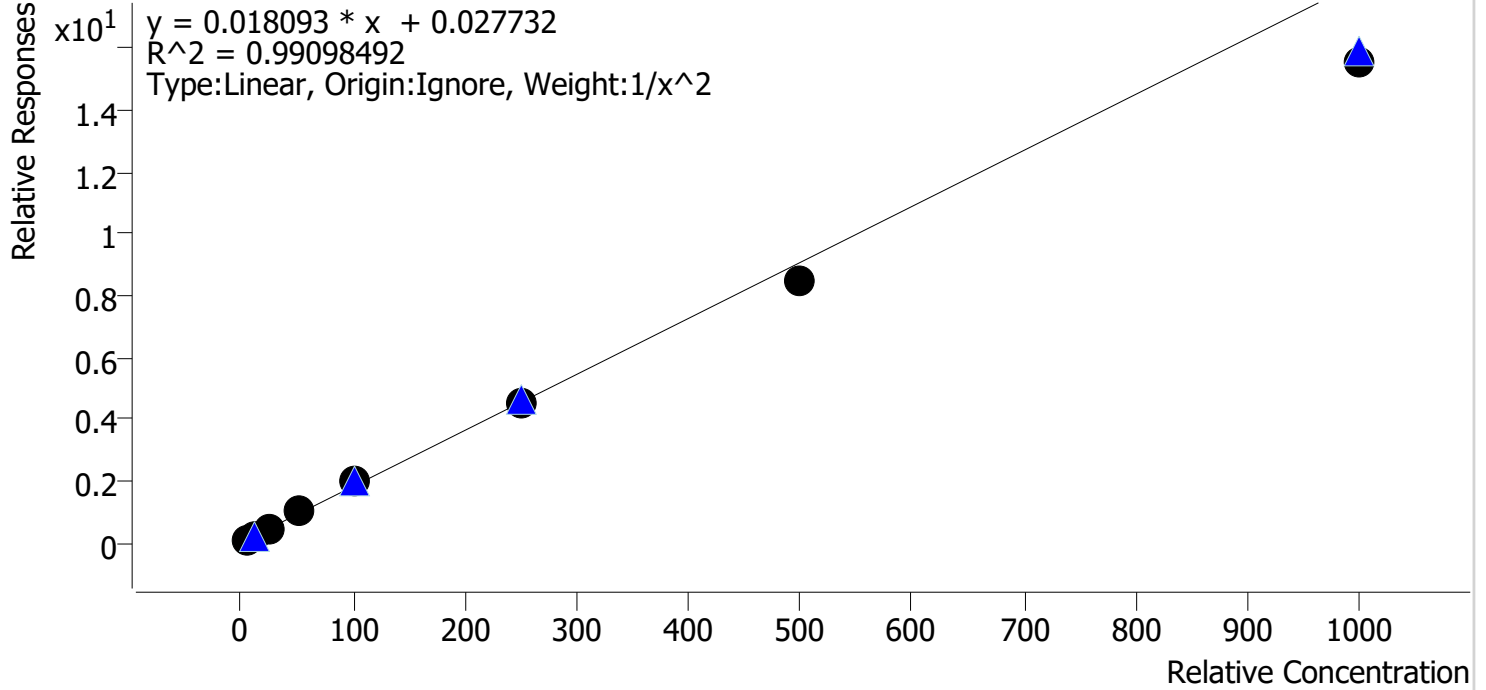
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	99.6
cal 2 mdq.d	2	✓	10.0	10.1	101.2
cal 3 mdq.d	3	✓	25.0	24.8	99.3
cal 4 mdq.d	4	✓	50.0	50.2	100.4
cal 5 mdq.d	5	✓	100.0	97.7	97.7
cal 6 mdq.d	6	✓	250.0	247.6	99.0
cal 7 mdq.d	7	✓	500.0	505.7	101.1
cal 8 mdq.d	8	✓	1000.0	1015.9	101.6

Compound Calibration Report



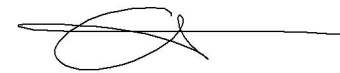
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



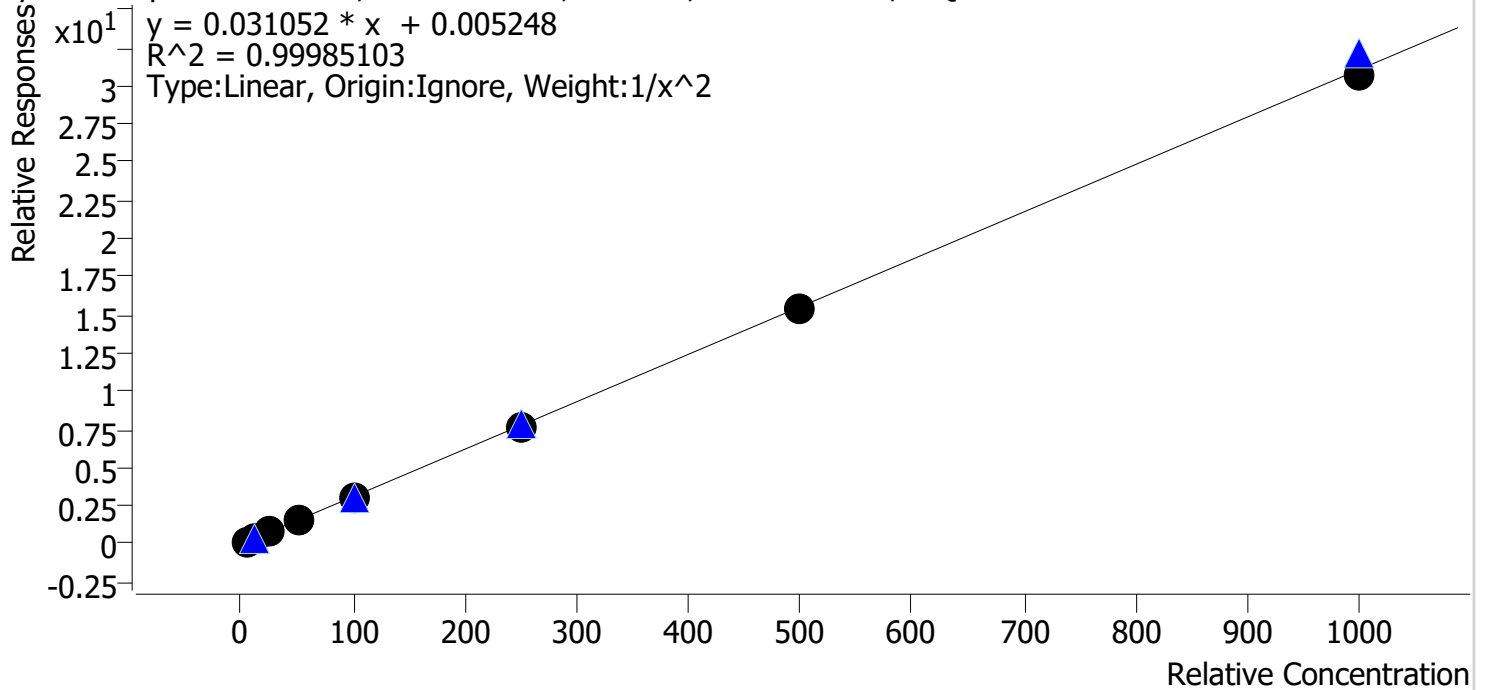
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.7	94.1
cal 2 mdq.d	2	✓	10.0	10.8	107.9
cal 3 mdq.d	3	✓	25.0	26.4	105.4
cal 4 mdq.d	4	✓	50.0	53.4	106.8
cal 5 mdq.d	5	✓	100.0	107.5	107.5
cal 6 mdq.d	6	✓	250.0	247.8	99.1
cal 7 mdq.d	7	✓	500.0	467.4	93.5
cal 8 mdq.d	8	✓	1000.0	856.4	85.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



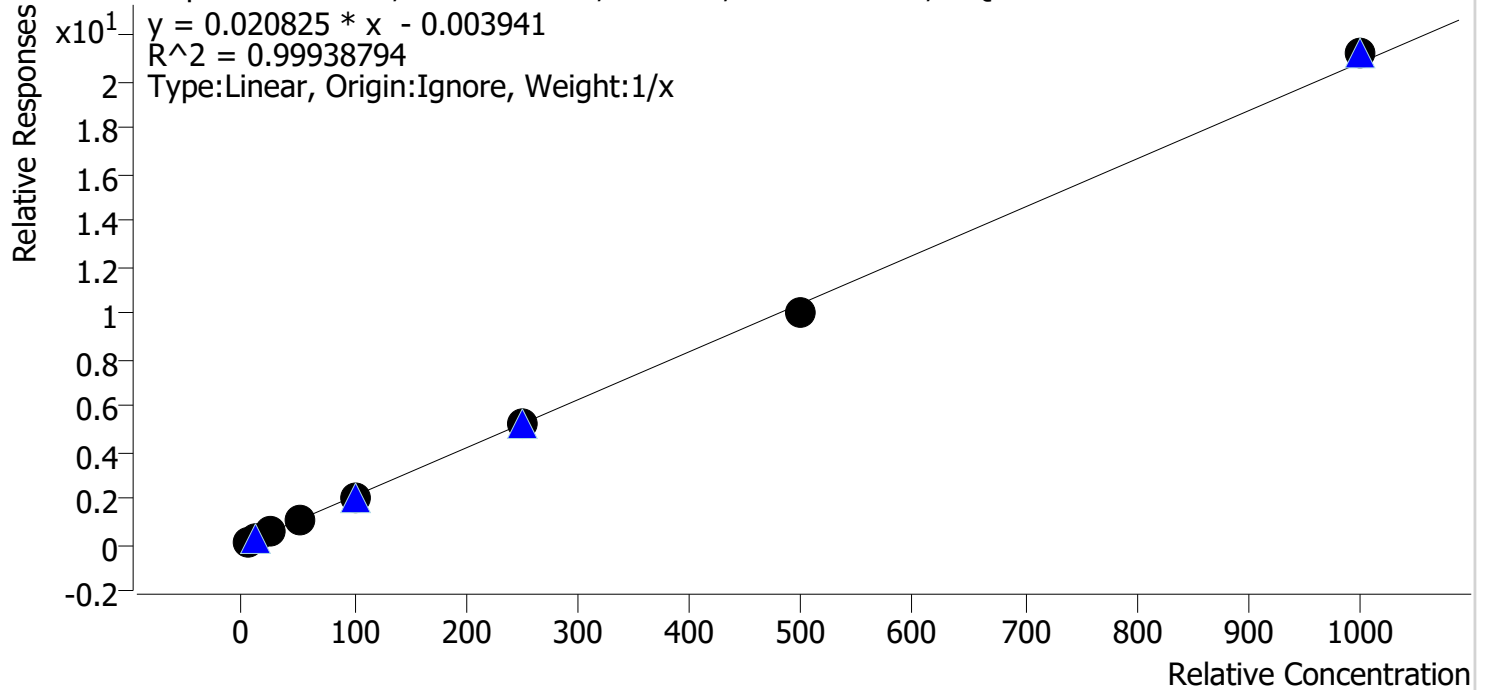
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	99.4
cal 2 mdq.d	2	✓	10.0	10.1	100.6
cal 3 mdq.d	3	✓	25.0	25.3	101.3
cal 4 mdq.d	4	✓	50.0	50.5	101.0
cal 5 mdq.d	5	✓	100.0	101.0	101.0
cal 6 mdq.d	6	✓	250.0	247.1	98.8
cal 7 mdq.d	7	✓	500.0	494.9	99.0
cal 8 mdq.d	8	✓	1000.0	989.7	99.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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

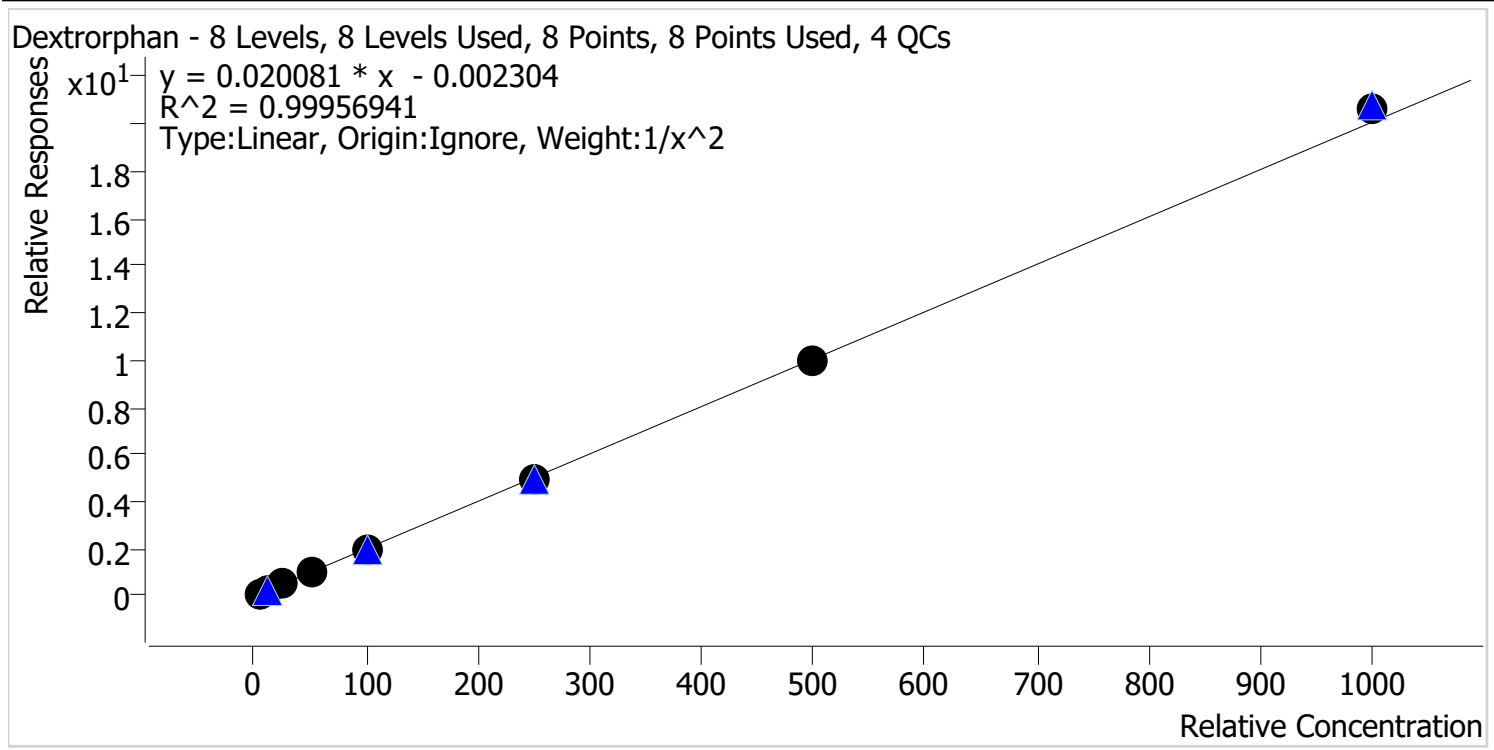


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.3	106.9
cal 2 mdq.d	2	✓	10.0	10.0	100.5
cal 3 mdq.d	3	✓	25.0	23.9	95.5
cal 4 mdq.d	4	✓	50.0	49.5	99.0
cal 5 mdq.d	5	✓	100.0	98.6	98.6
cal 6 mdq.d	6	✓	250.0	253.6	101.4
cal 7 mdq.d	7	✓	500.0	482.1	96.4
cal 8 mdq.d	8	✓	1000.0	1017.0	101.7

Compound Calibration Report

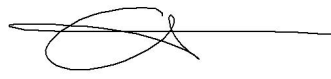


Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



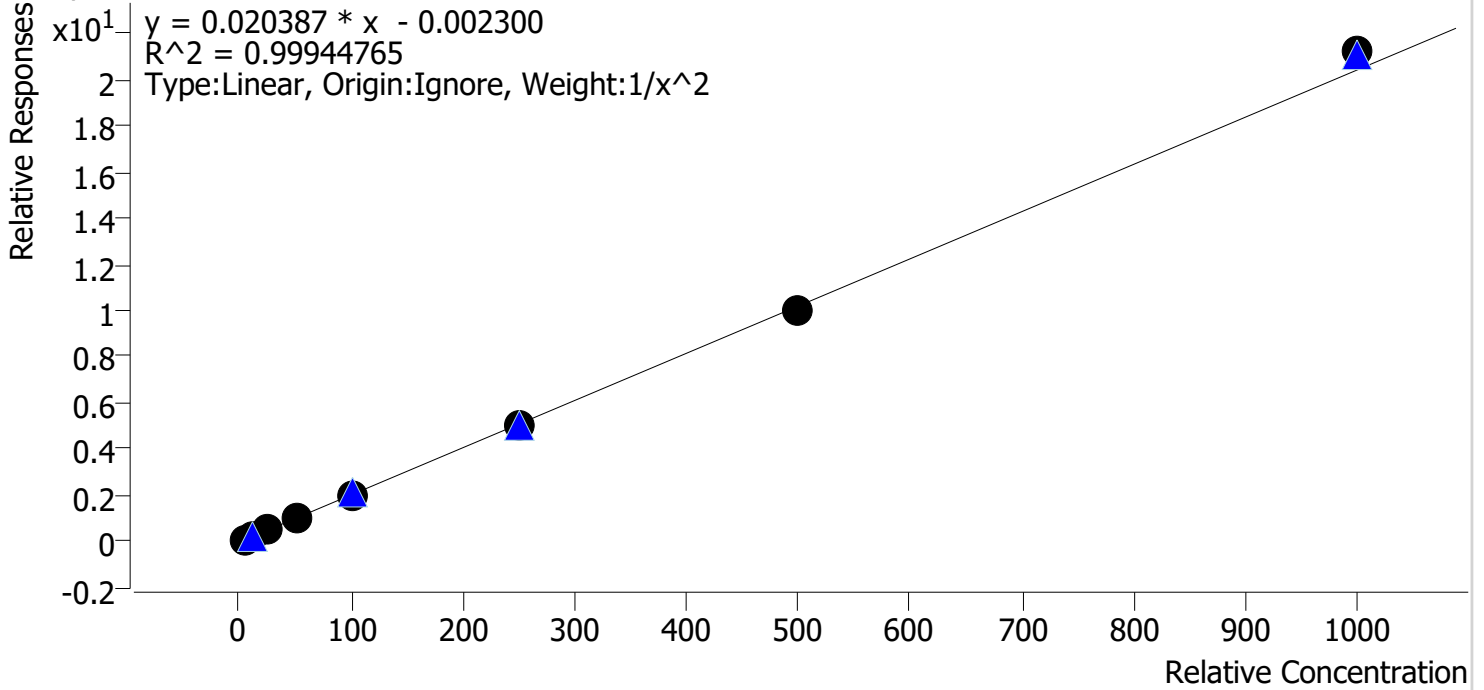
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.1	101.3
cal 2 mdq.d	2	✓	10.0	9.8	97.6
cal 3 mdq.d	3	✓	25.0	24.8	99.1
cal 4 mdq.d	4	✓	50.0	50.9	101.7
cal 5 mdq.d	5	✓	100.0	98.4	98.4
cal 6 mdq.d	6	✓	250.0	248.2	99.3
cal 7 mdq.d	7	✓	500.0	498.3	99.7
cal 8 mdq.d	8	✓	1000.0	1029.1	102.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



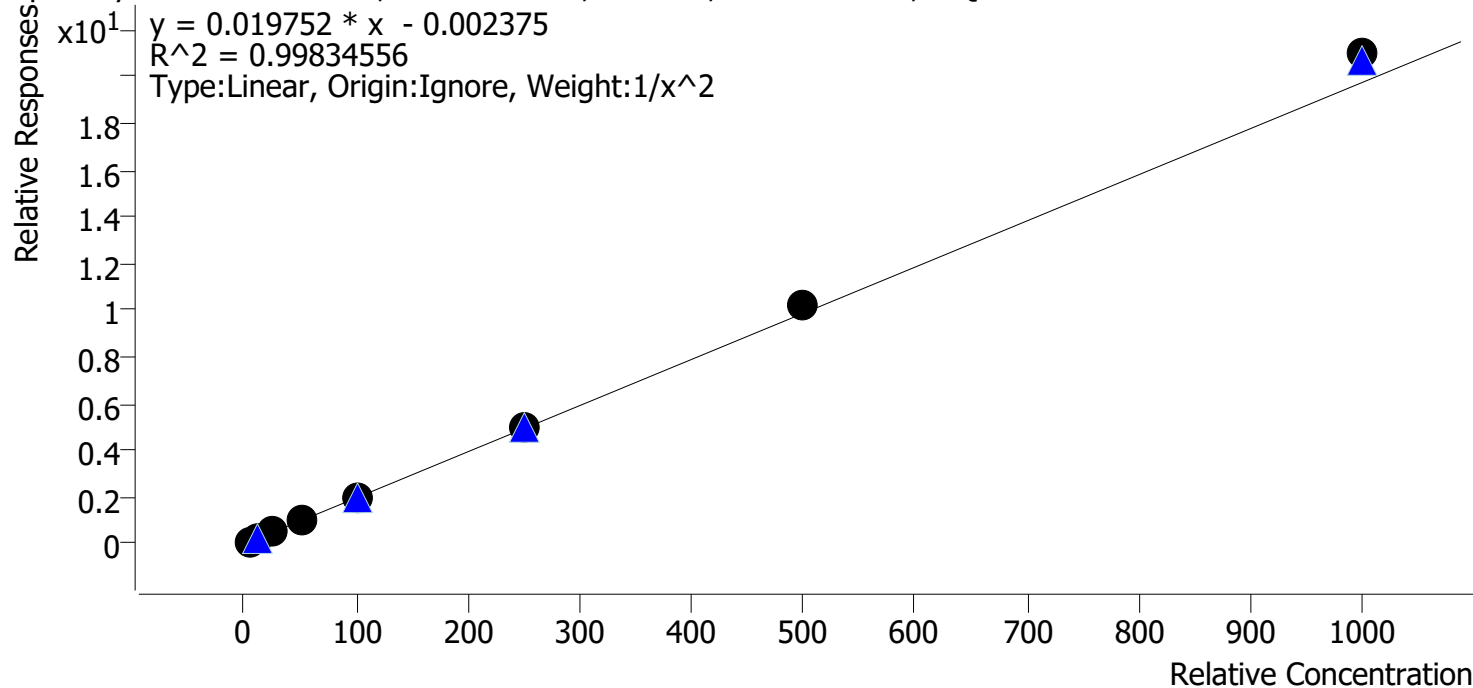
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	100.4
cal 2 mdq.d	2	✓	10.0	9.9	98.9
cal 3 mdq.d	3	✓	25.0	25.5	102.1
cal 4 mdq.d	4	✓	50.0	49.0	97.9
cal 5 mdq.d	5	✓	100.0	99.1	99.1
cal 6 mdq.d	6	✓	250.0	248.1	99.2
cal 7 mdq.d	7	✓	500.0	492.5	98.5
cal 8 mdq.d	8	✓	1000.0	1038.9	103.9

Compound Calibration Report



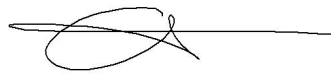
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



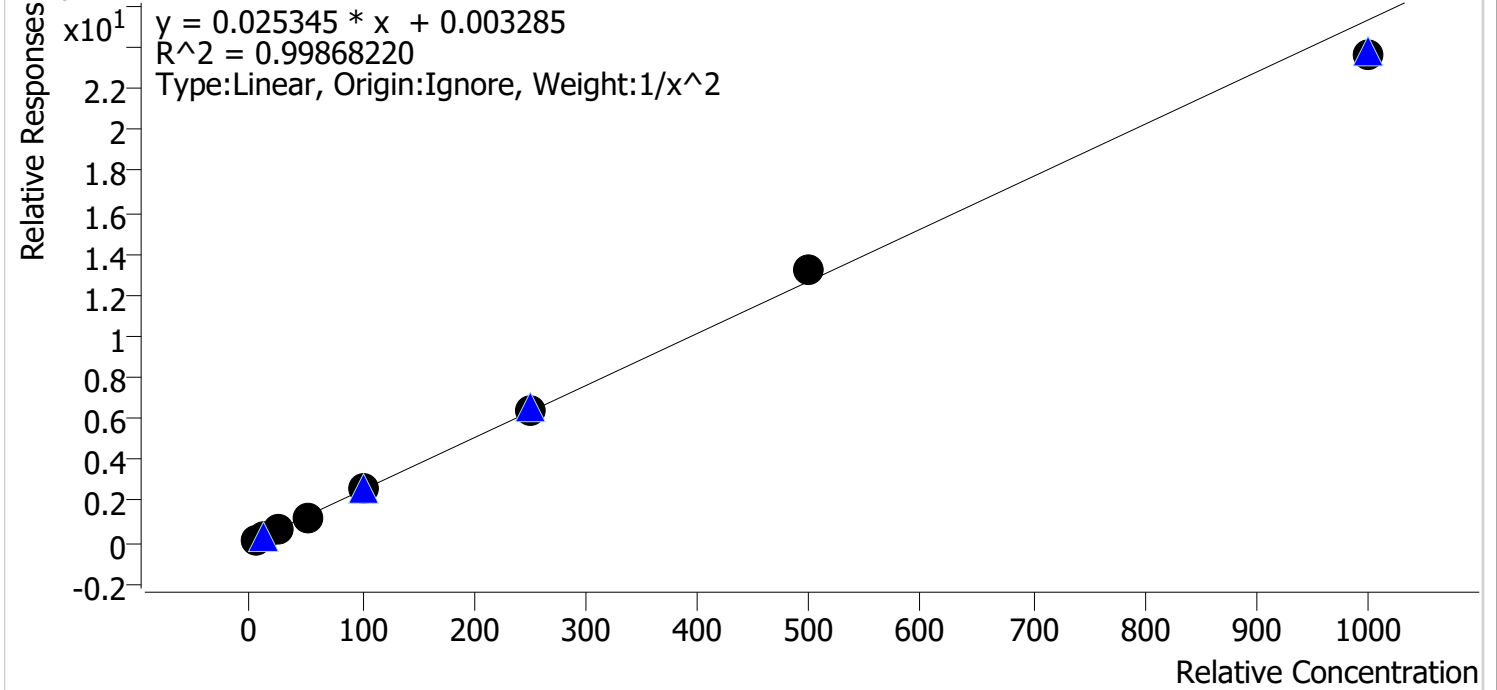
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.1	101.6
cal 2 mdq.d	2	✓	10.0	9.9	98.9
cal 3 mdq.d	3	✓	25.0	24.3	97.1
cal 4 mdq.d	4	✓	50.0	48.0	96.1
cal 5 mdq.d	5	✓	100.0	96.7	96.7
cal 6 mdq.d	6	✓	250.0	250.4	100.2
cal 7 mdq.d	7	✓	500.0	515.7	103.1
cal 8 mdq.d	8	✓	1000.0	1062.6	106.3

Compound Calibration Report



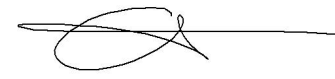
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



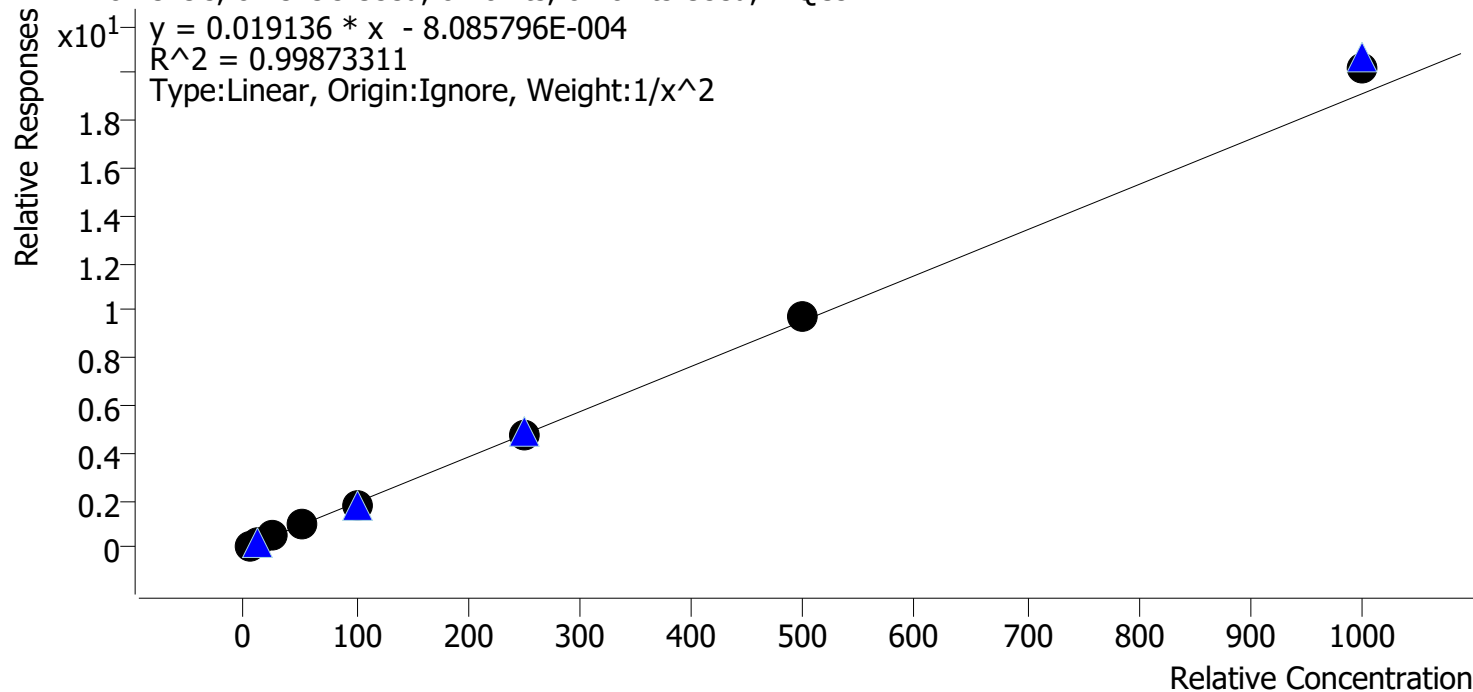
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	99.9
cal 2 mdq.d	2	✓	10.0	10.0	99.9
cal 3 mdq.d	3	✓	25.0	25.1	100.6
cal 4 mdq.d	4	✓	50.0	49.9	99.7
cal 5 mdq.d	5	✓	100.0	100.3	100.3
cal 6 mdq.d	6	✓	250.0	254.1	101.6
cal 7 mdq.d	7	✓	500.0	523.2	104.6
cal 8 mdq.d	8	✓	1000.0	933.1	93.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



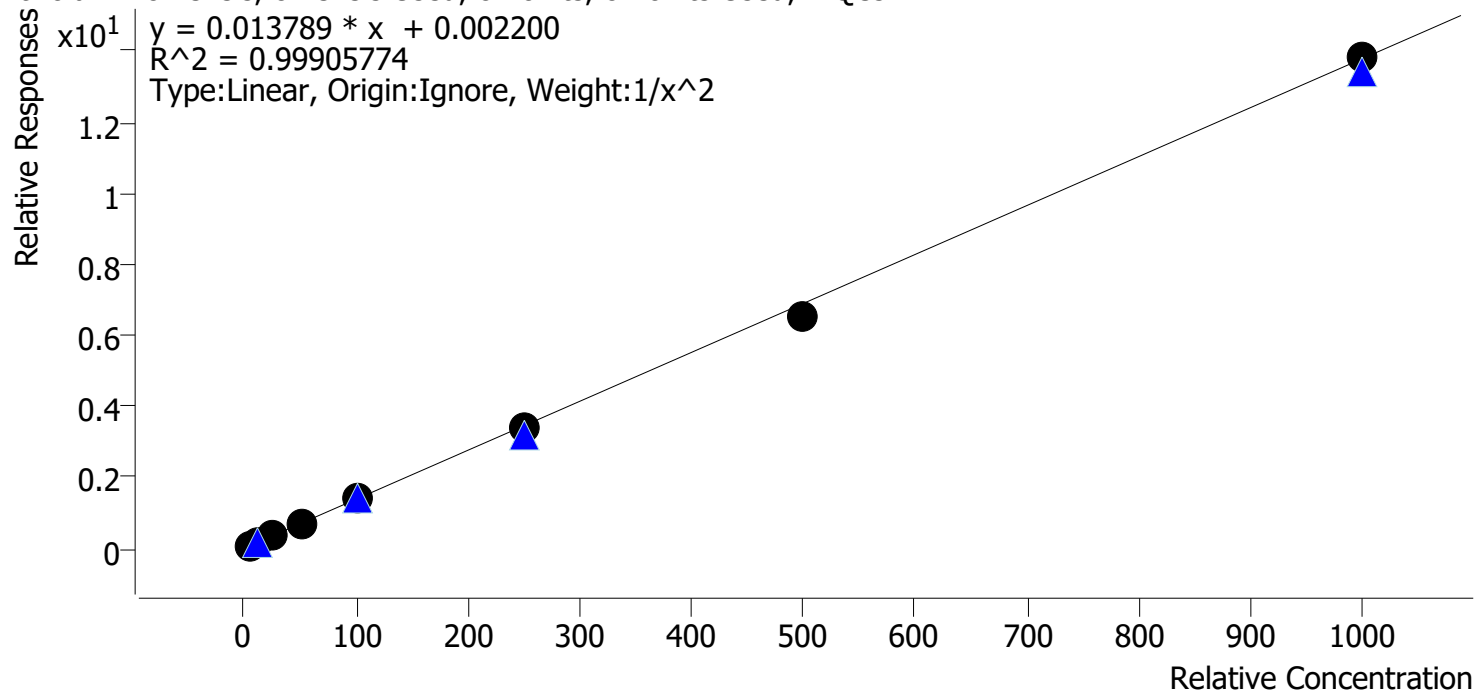
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.1	102.4
cal 2 mdq.d	2	✓	10.0	9.6	96.4
cal 3 mdq.d	3	✓	25.0	24.6	98.2
cal 4 mdq.d	4	✓	50.0	49.4	98.8
cal 5 mdq.d	5	✓	100.0	96.5	96.5
cal 6 mdq.d	6	✓	250.0	251.0	100.4
cal 7 mdq.d	7	✓	500.0	509.9	102.0
cal 8 mdq.d	8	✓	1000.0	1052.5	105.2

Compound Calibration Report



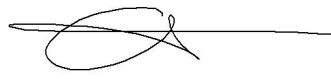
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Diazepam-D5

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



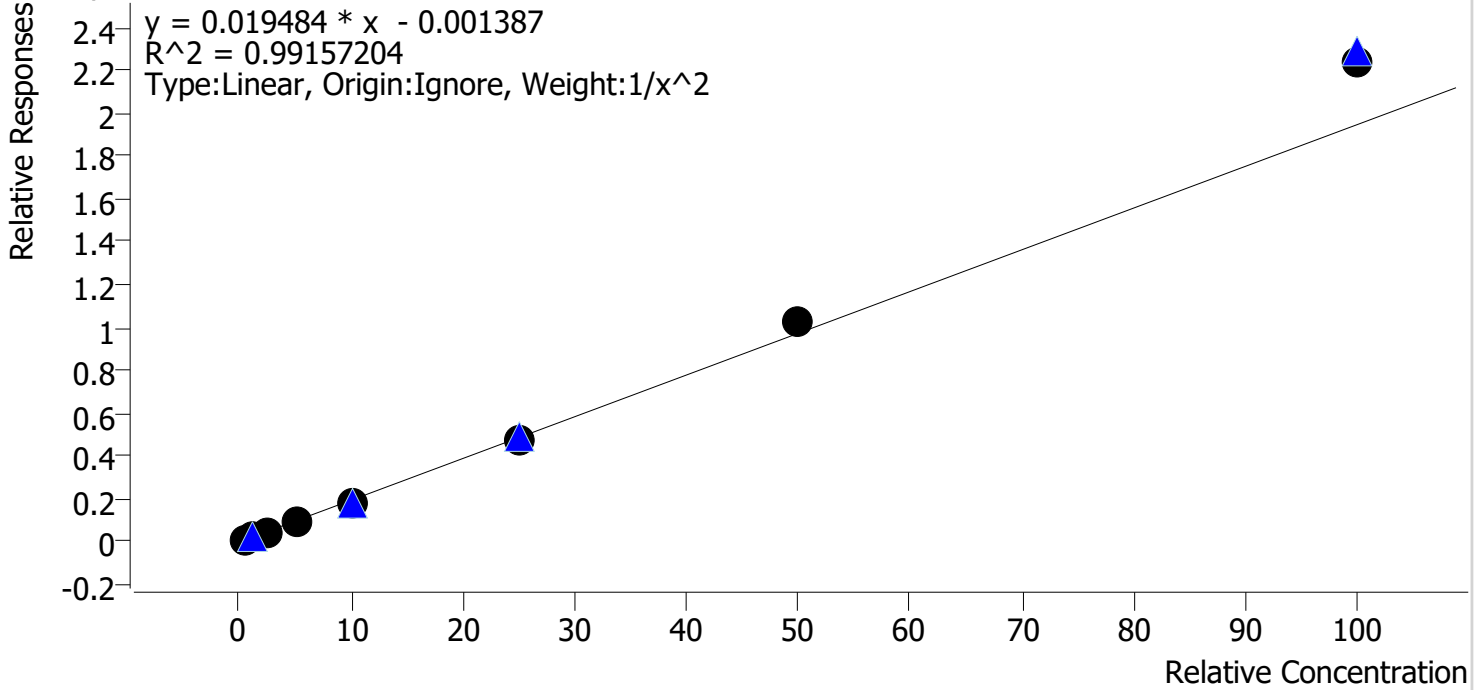
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.9	98.4
cal 2 mdq.d	2	✓	10.0	10.2	101.5
cal 3 mdq.d	3	✓	25.0	26.1	104.4
cal 4 mdq.d	4	✓	50.0	50.0	100.0
cal 5 mdq.d	5	✓	100.0	101.5	101.5
cal 6 mdq.d	6	✓	250.0	246.5	98.6
cal 7 mdq.d	7	✓	500.0	477.0	95.4
cal 8 mdq.d	8	✓	1000.0	1002.3	100.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



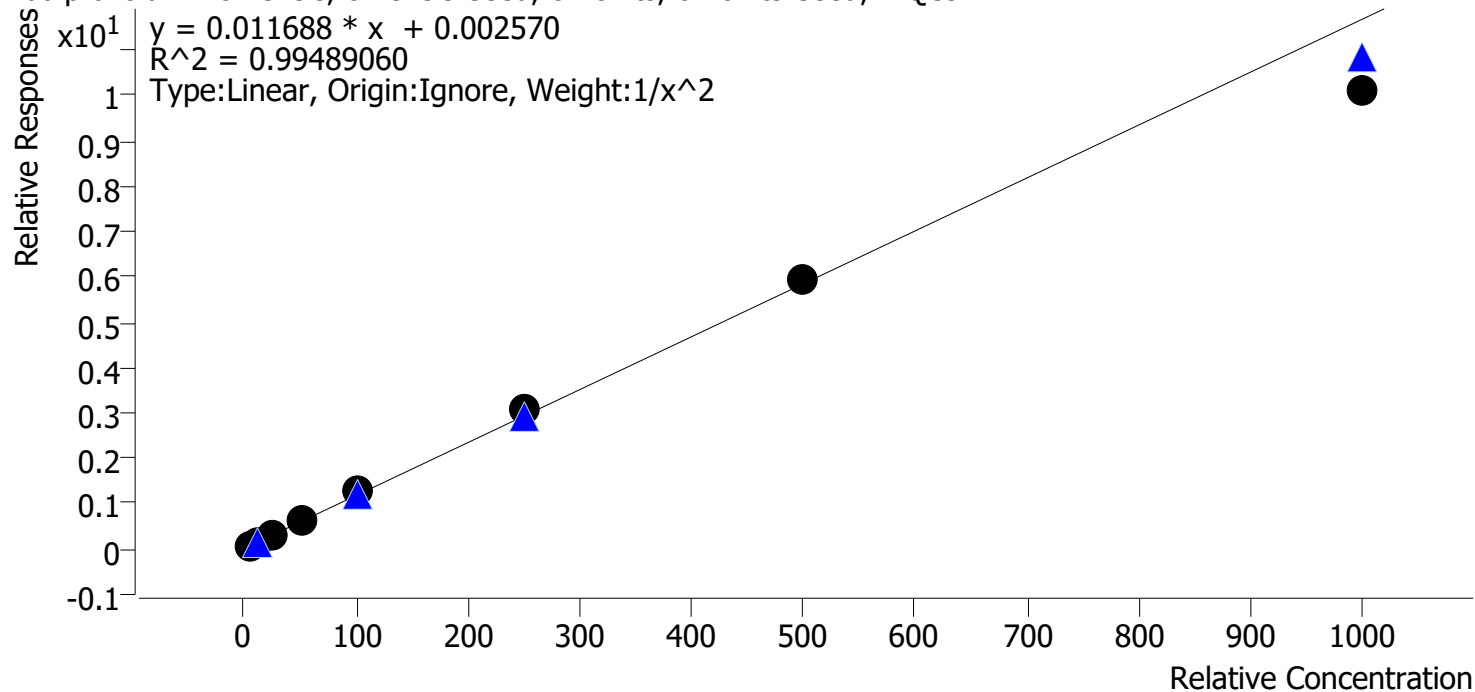
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	0.5	0.5	105.1
cal 2 mdq.d	2	✓	1.0	0.9	93.1
cal 3 mdq.d	3	✓	2.5	2.4	96.2
cal 4 mdq.d	4	✓	5.0	4.7	94.2
cal 5 mdq.d	5	✓	10.0	9.2	91.8
cal 6 mdq.d	6	✓	25.0	24.6	98.5
cal 7 mdq.d	7	✓	50.0	53.2	106.3
cal 8 mdq.d	8	✓	100.0	114.7	114.7

Compound Calibration Report



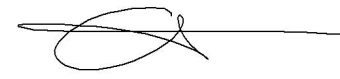
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



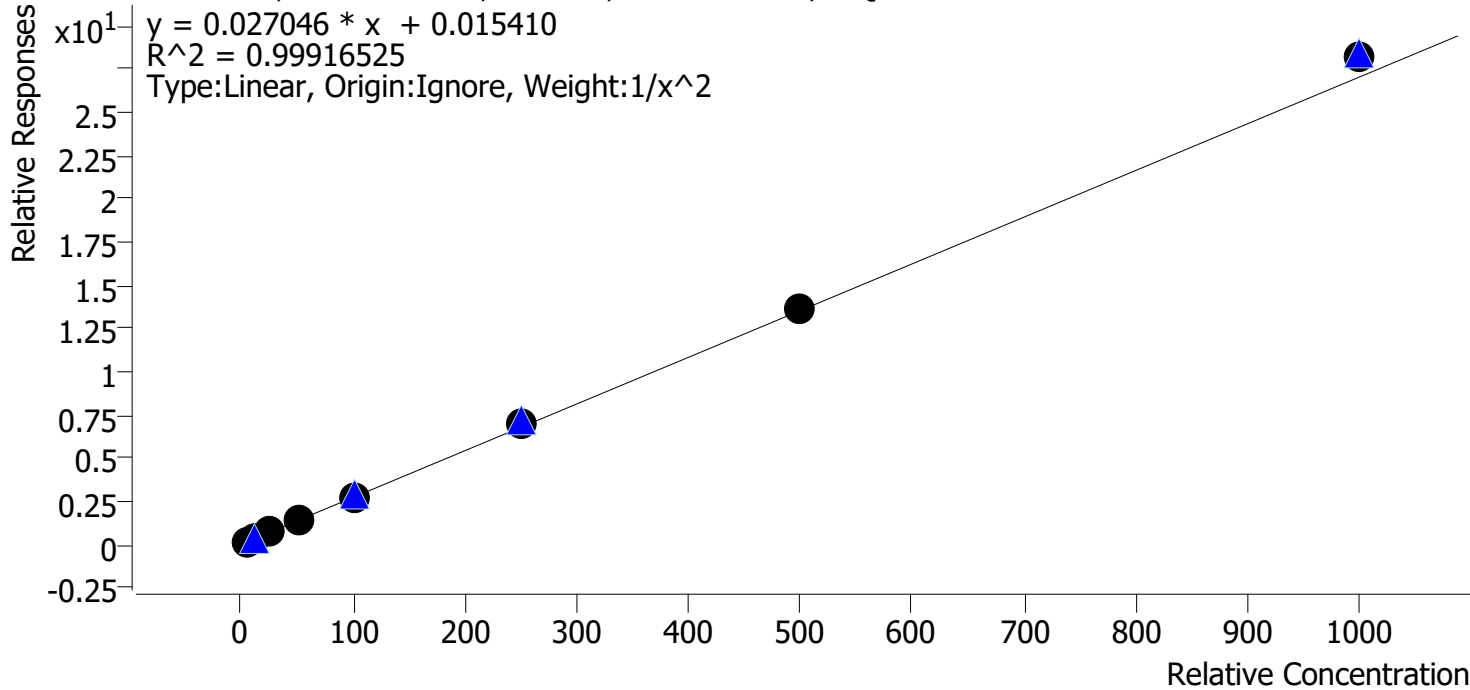
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	100.4
cal 2 mdq.d	2	✓	10.0	9.8	98.4
cal 3 mdq.d	3	✓	25.0	25.0	99.8
cal 4 mdq.d	4	✓	50.0	50.0	100.0
cal 5 mdq.d	5	✓	100.0	107.4	107.4
cal 6 mdq.d	6	✓	250.0	263.5	105.4
cal 7 mdq.d	7	✓	500.0	510.0	102.0
cal 8 mdq.d	8	✓	1000.0	865.9	86.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



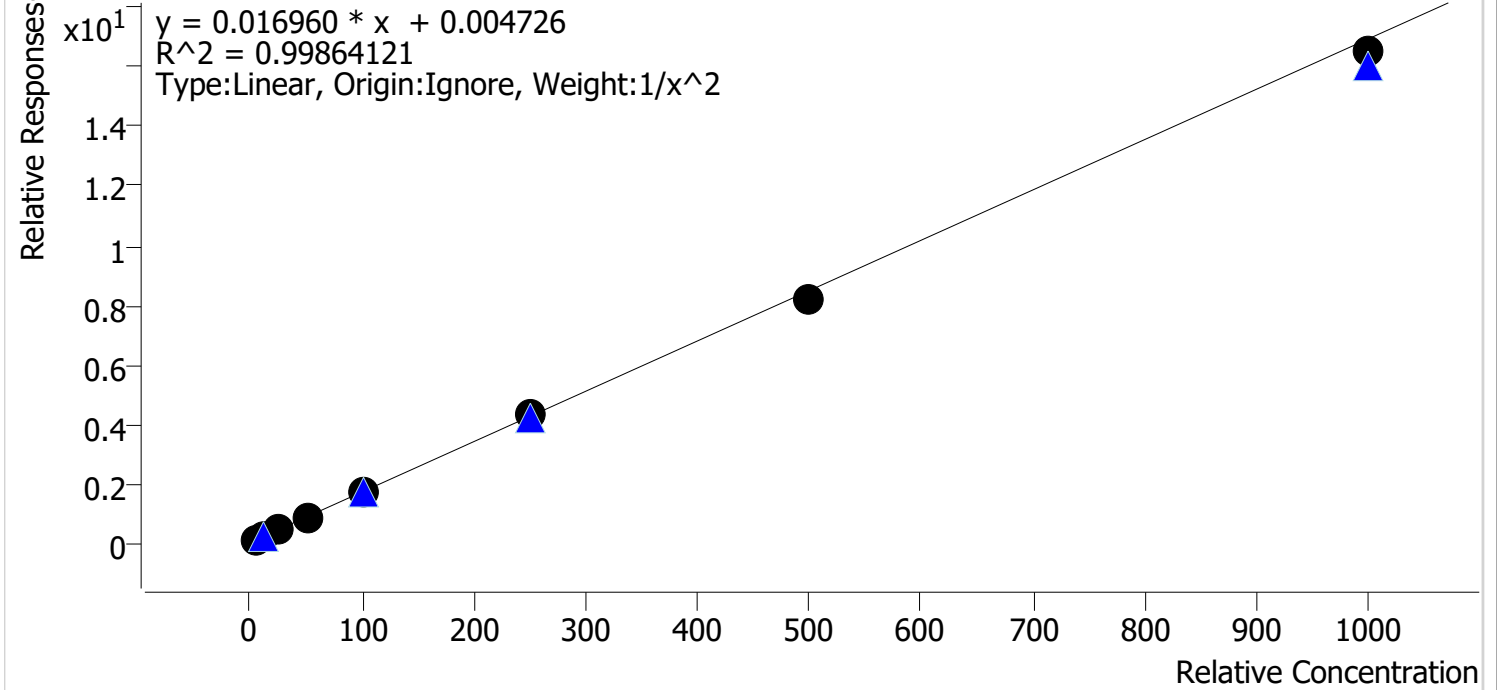
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	100.2
cal 2 mdq.d	2	✓	10.0	10.1	101.1
cal 3 mdq.d	3	✓	25.0	24.6	98.2
cal 4 mdq.d	4	✓	50.0	48.7	97.3
cal 5 mdq.d	5	✓	100.0	96.9	96.9
cal 6 mdq.d	6	✓	250.0	254.7	101.9
cal 7 mdq.d	7	✓	500.0	500.2	100.0
cal 8 mdq.d	8	✓	1000.0	1043.9	104.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



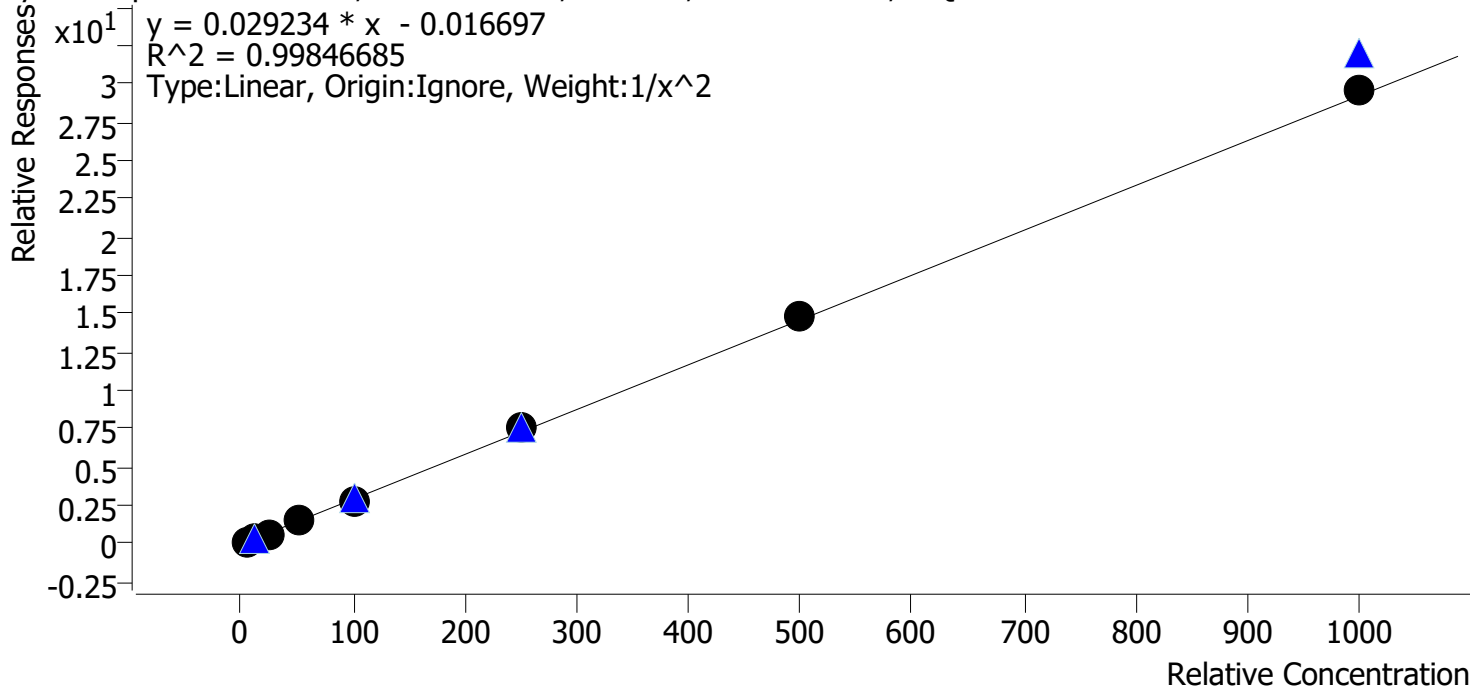
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	99.7
cal 2 mdq.d	2	✓	10.0	9.8	97.8
cal 3 mdq.d	3	✓	25.0	26.4	105.7
cal 4 mdq.d	4	✓	50.0	51.5	103.0
cal 5 mdq.d	5	✓	100.0	99.1	99.1
cal 6 mdq.d	6	✓	250.0	253.2	101.3
cal 7 mdq.d	7	✓	500.0	479.6	95.9
cal 8 mdq.d	8	✓	1000.0	974.9	97.5

Compound Calibration Report



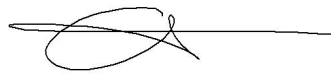
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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

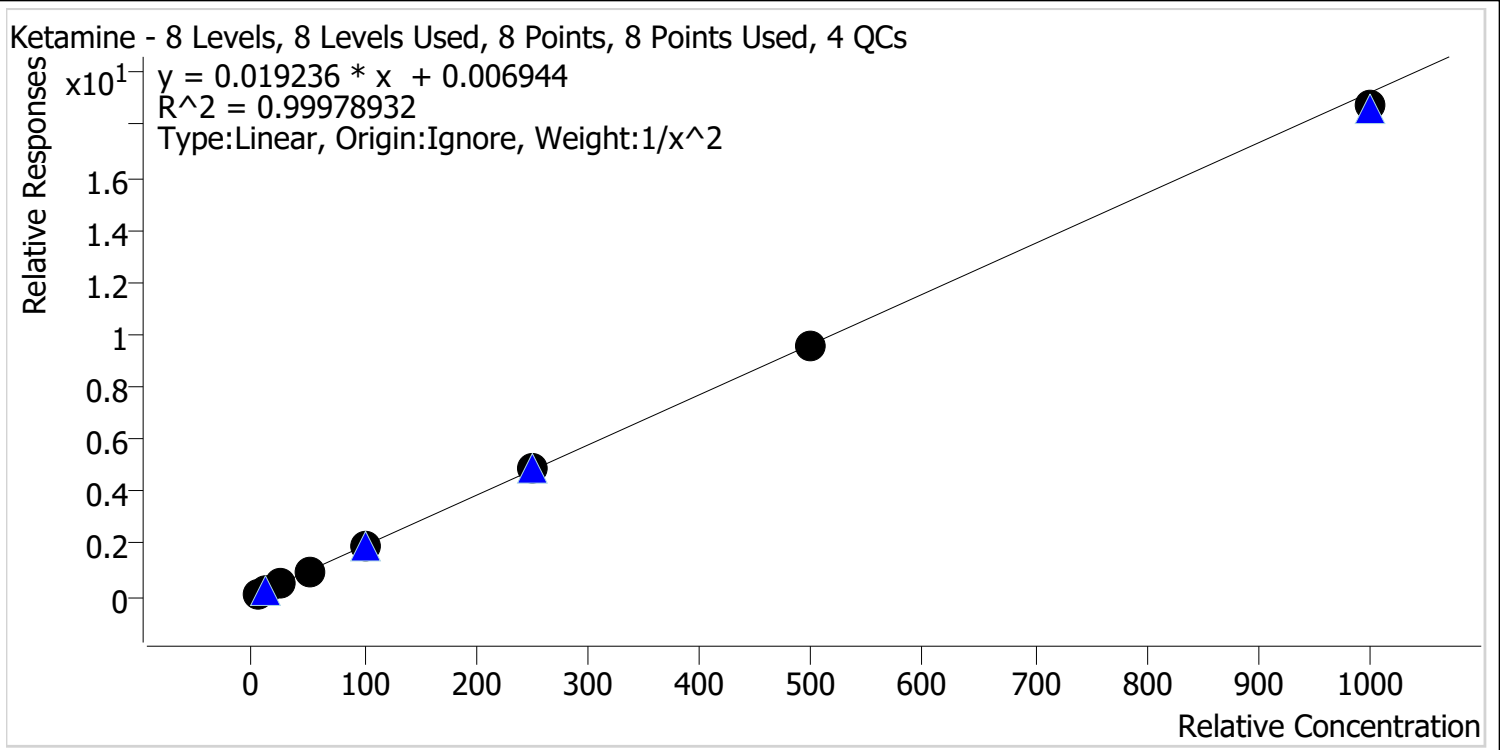


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.1	101.3
cal 2 mdq.d	2	✓	10.0	9.9	98.8
cal 3 mdq.d	3	✓	25.0	24.3	97.1
cal 4 mdq.d	4	✓	50.0	50.2	100.3
cal 5 mdq.d	5	✓	100.0	93.9	93.9
cal 6 mdq.d	6	✓	250.0	262.8	105.1
cal 7 mdq.d	7	✓	500.0	509.7	101.9
cal 8 mdq.d	8	✓	1000.0	1014.9	101.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	99.1
cal 2 mdq.d	2	✓	10.0	10.1	101.4
cal 3 mdq.d	3	✓	25.0	25.1	100.5
cal 4 mdq.d	4	✓	50.0	50.2	100.3
cal 5 mdq.d	5	✓	100.0	101.1	101.1
cal 6 mdq.d	6	✓	250.0	250.6	100.2
cal 7 mdq.d	7	✓	500.0	499.7	99.9
cal 8 mdq.d	8	✓	1000.0	973.9	97.4

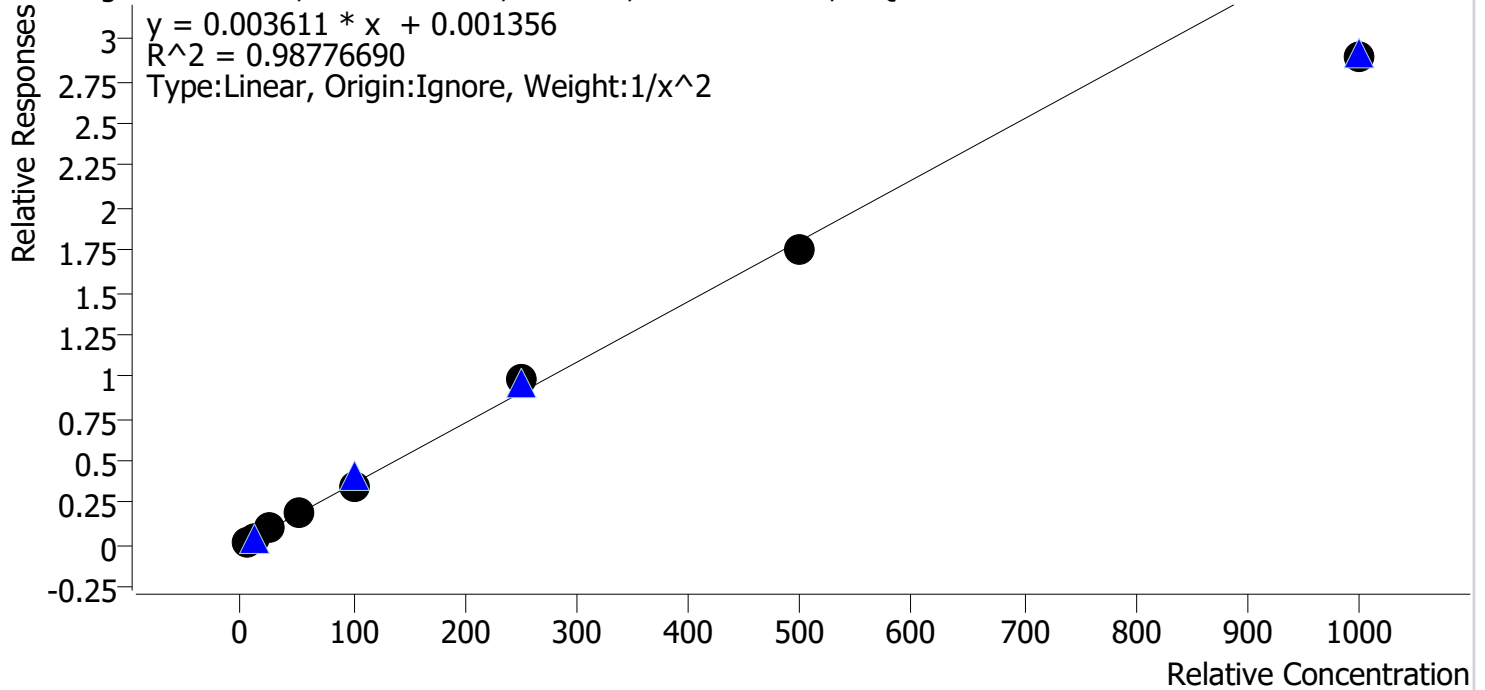
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\lam 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Lamotrigine

Internal Standard Alprazolam-D5

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



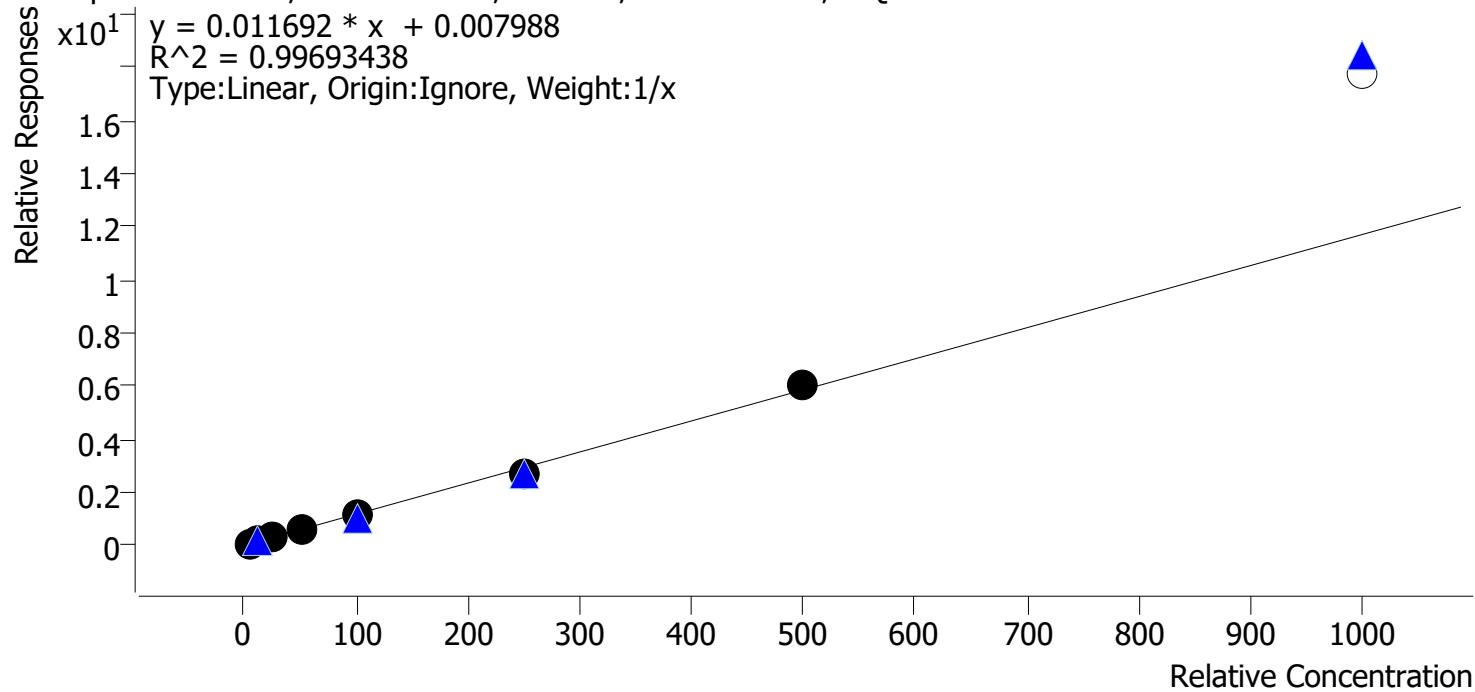
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.8	96.4
cal 2 mdq.d	2	✓	10.0	10.1	101.4
cal 3 mdq.d	3	✓	25.0	27.7	110.9
cal 4 mdq.d	4	✓	50.0	53.7	107.4
cal 5 mdq.d	5	✓	100.0	98.1	98.1
cal 6 mdq.d	6	✓	250.0	270.6	108.2
cal 7 mdq.d	7	✓	500.0	485.8	97.2
cal 8 mdq.d	8	✓	1000.0	803.7	80.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

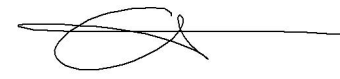
Lorazepam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.9	97.5
cal 2 mdq.d	2	✓	10.0	10.4	104.4
cal 3 mdq.d	3	✓	25.0	26.0	104.1
cal 4 mdq.d	4	✓	50.0	50.7	101.4
cal 5 mdq.d	5	✓	100.0	96.1	96.1
cal 6 mdq.d	6	✓	250.0	231.2	92.5
cal 7 mdq.d	7	✓	500.0	520.7	104.1
cal 8 mdq.d	8	✗	1000.0	1522.5	152.2

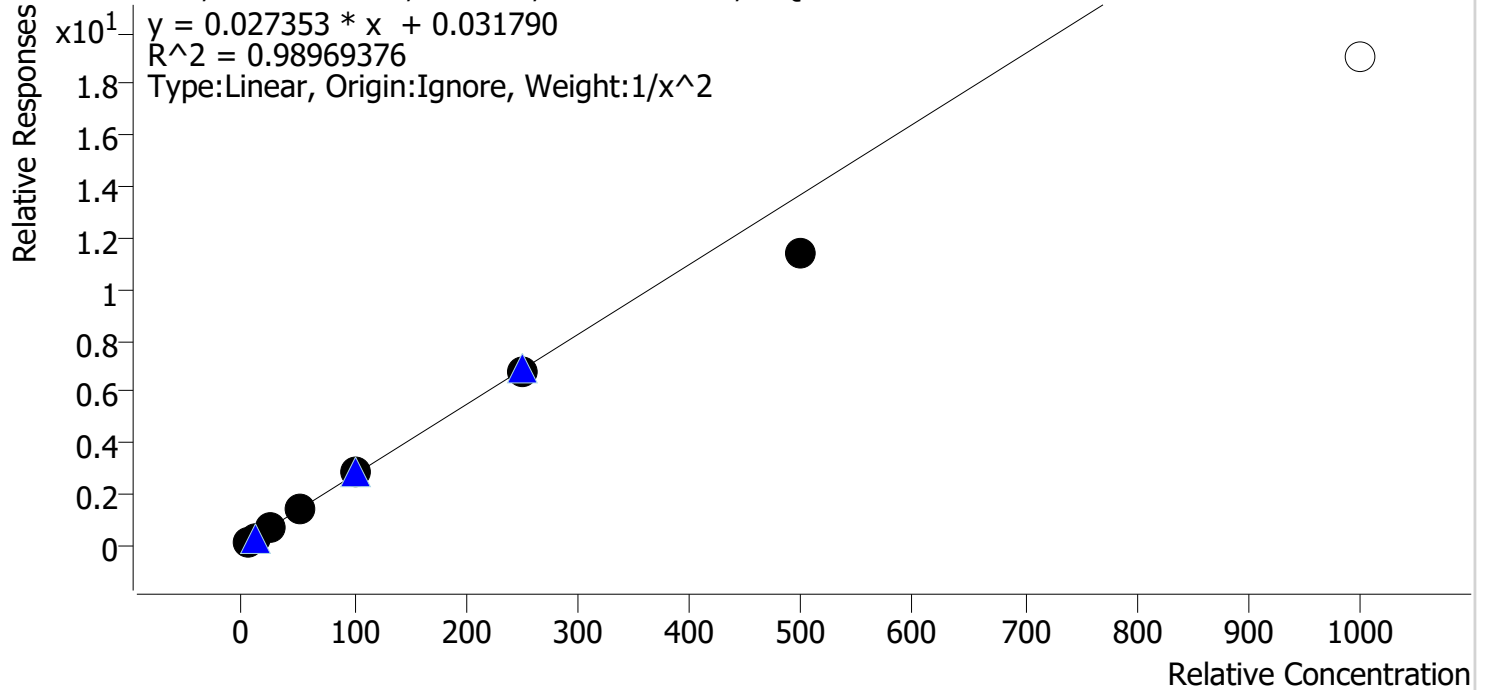
cal 8 dropped due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.8	95.9
cal 2 mdq.d	2	✓	10.0	10.4	103.8
cal 3 mdq.d	3	✓	25.0	26.8	107.3
cal 4 mdq.d	4	✓	50.0	53.7	107.5
cal 5 mdq.d	5	✓	100.0	104.4	104.4
cal 6 mdq.d	6	✓	250.0	244.8	97.9
cal 7 mdq.d	7	✓	500.0	416.1	83.2
cal 8 mdq.d	8	✗	1000.0	694.9	69.5

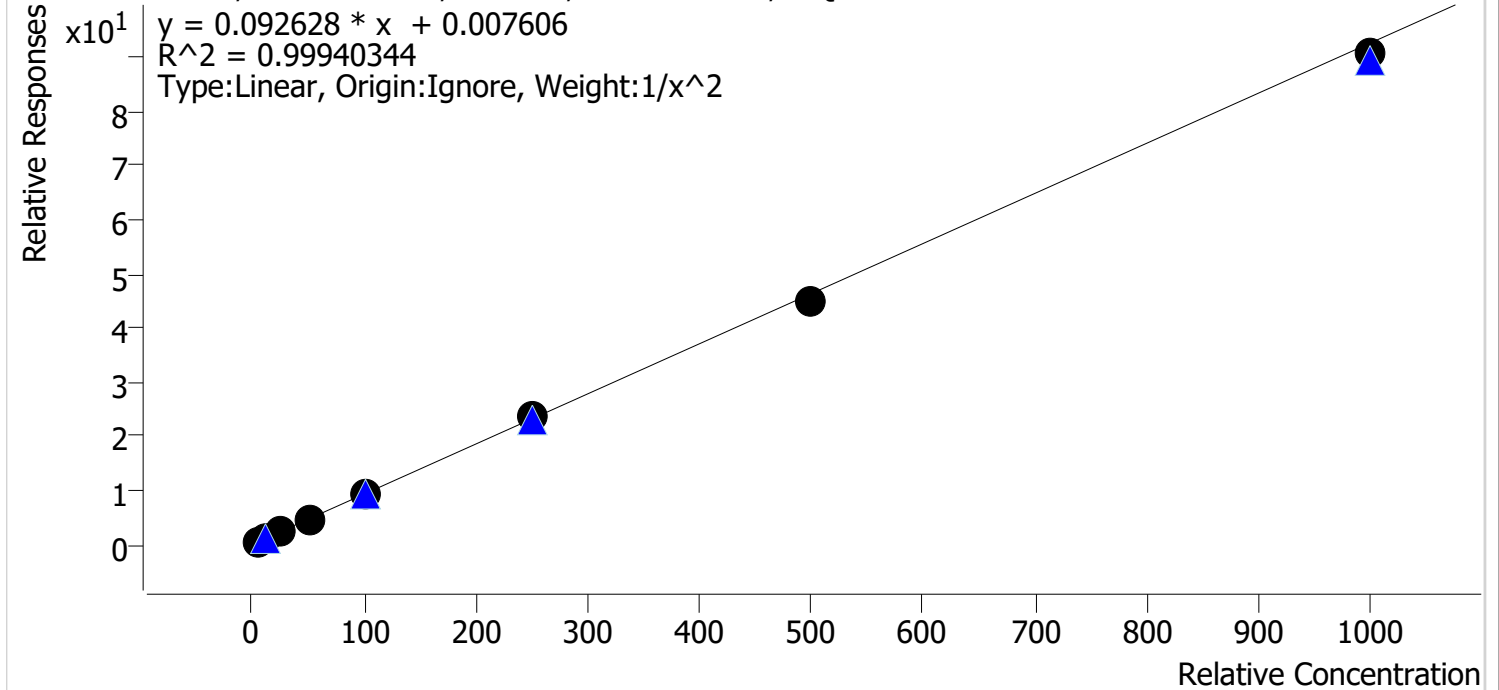
cal 8 dropped due to accuracy

Compound Calibration Report



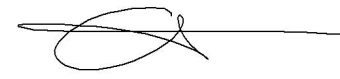
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.9	98.4
cal 2 mdq.d	2	✓	10.0	10.2	102.3
cal 3 mdq.d	3	✓	25.0	25.6	102.3
cal 4 mdq.d	4	✓	50.0	49.9	99.8
cal 5 mdq.d	5	✓	100.0	99.7	99.7
cal 6 mdq.d	6	✓	250.0	256.1	102.4
cal 7 mdq.d	7	✓	500.0	485.7	97.1
cal 8 mdq.d	8	✓	1000.0	979.0	97.9

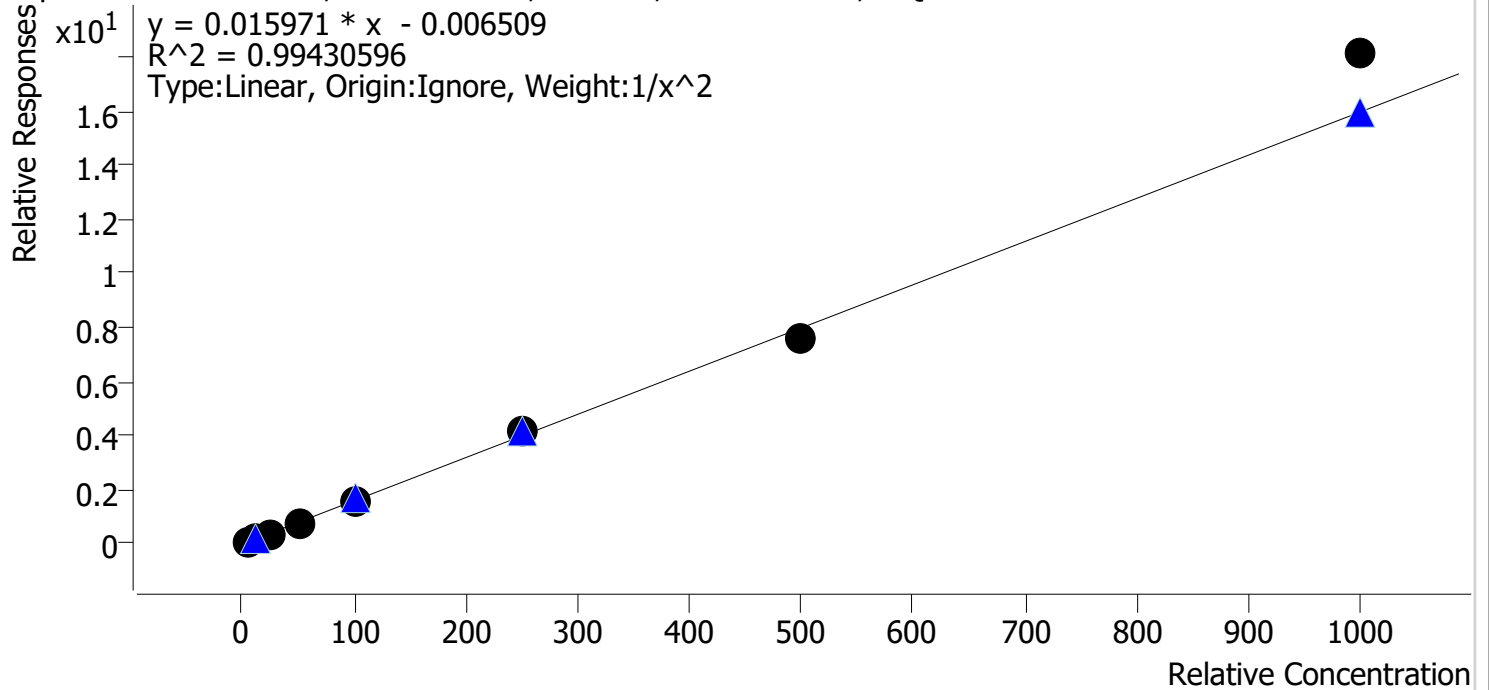
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Meprobamate

Internal Standard Carisoprodol-D7

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



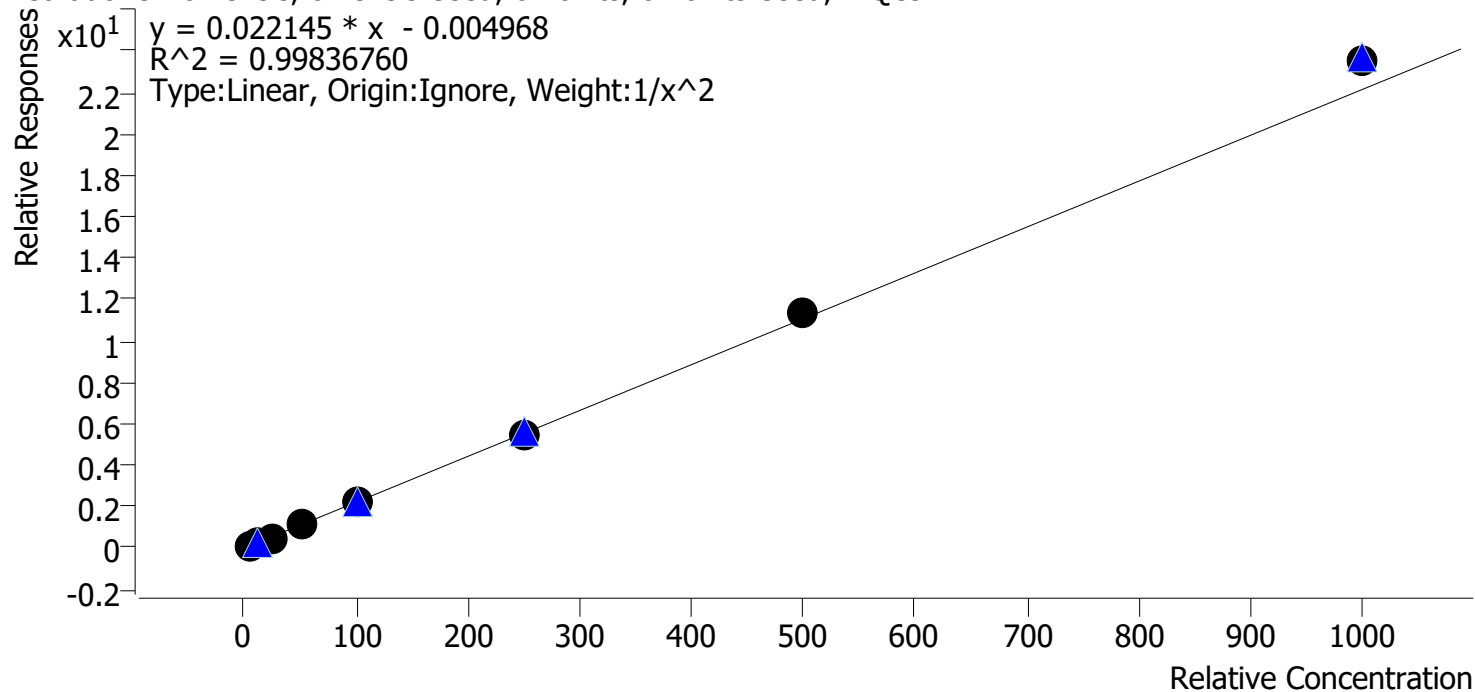
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.1	101.7
cal 2 mdq.d	2	✓	10.0	10.0	99.5
cal 3 mdq.d	3	✓	25.0	24.3	97.1
cal 4 mdq.d	4	✓	50.0	46.4	92.9
cal 5 mdq.d	5	✓	100.0	95.3	95.3
cal 6 mdq.d	6	✓	250.0	260.5	104.2
cal 7 mdq.d	7	✓	500.0	479.0	95.8
cal 8 mdq.d	8	✓	1000.0	1135.2	113.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



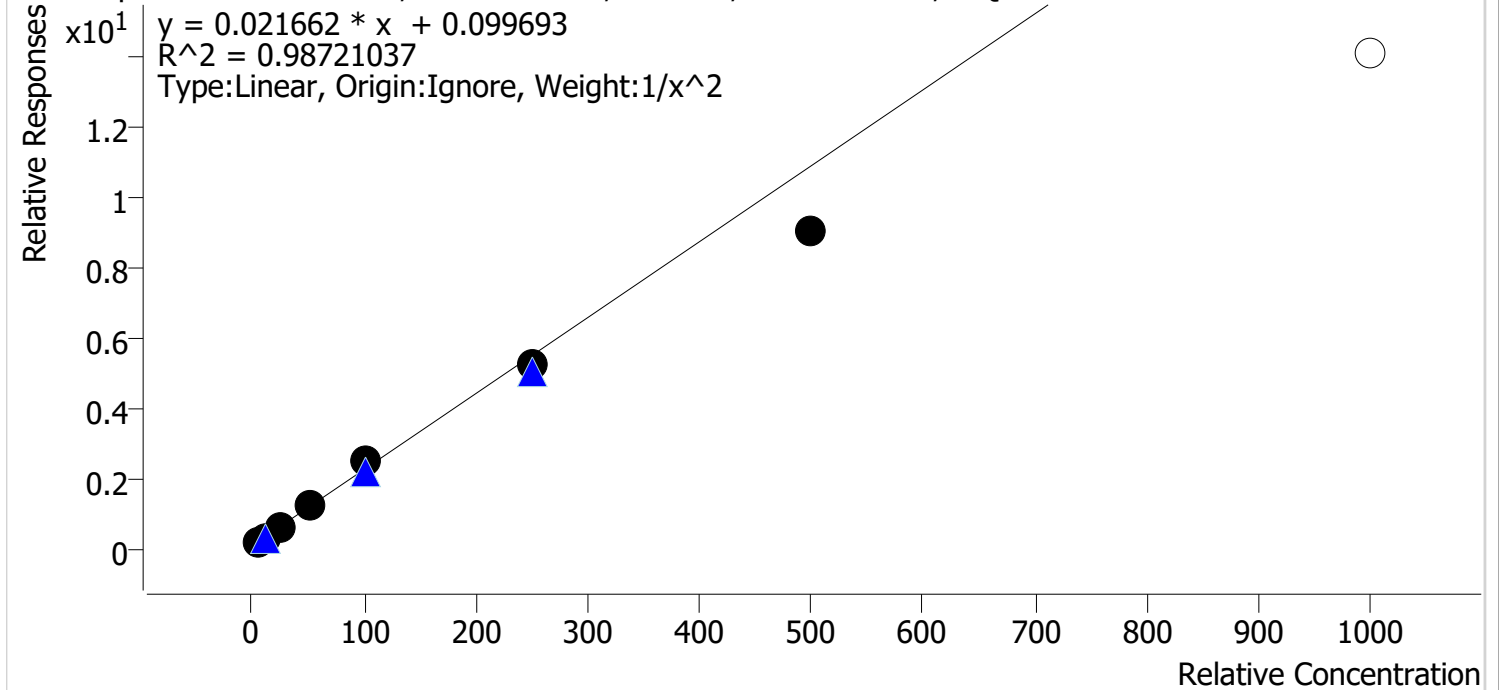
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.1	101.3
cal 2 mdq.d	2	✓	10.0	10.0	100.0
cal 3 mdq.d	3	✓	25.0	23.8	95.2
cal 4 mdq.d	4	✓	50.0	48.8	97.7
cal 5 mdq.d	5	✓	100.0	97.0	97.0
cal 6 mdq.d	6	✓	250.0	250.1	100.0
cal 7 mdq.d	7	✓	500.0	512.3	102.5
cal 8 mdq.d	8	✓	1000.0	1063.8	106.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.8	95.8
cal 2 mdq.d	2	✓	10.0	10.5	105.5
cal 3 mdq.d	3	✓	25.0	25.7	102.6
cal 4 mdq.d	4	✓	50.0	52.9	105.8
cal 5 mdq.d	5	✓	100.0	111.9	111.9
cal 6 mdq.d	6	✓	250.0	239.7	95.9
cal 7 mdq.d	7	✓	500.0	412.3	82.5
cal 8 mdq.d	8	✗	1000.0	647.7	64.8

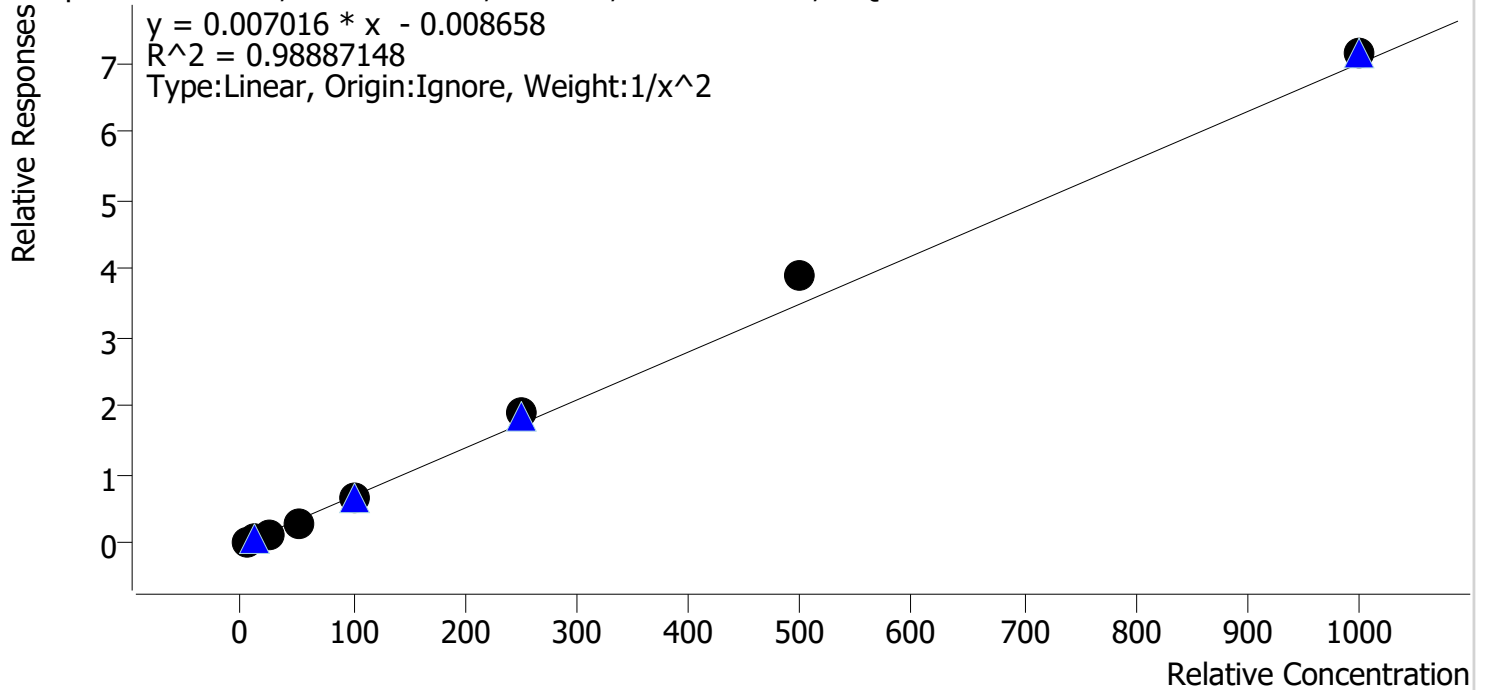
cal 8 dropped due to accuracy

Compound Calibration Report



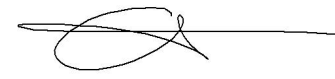
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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



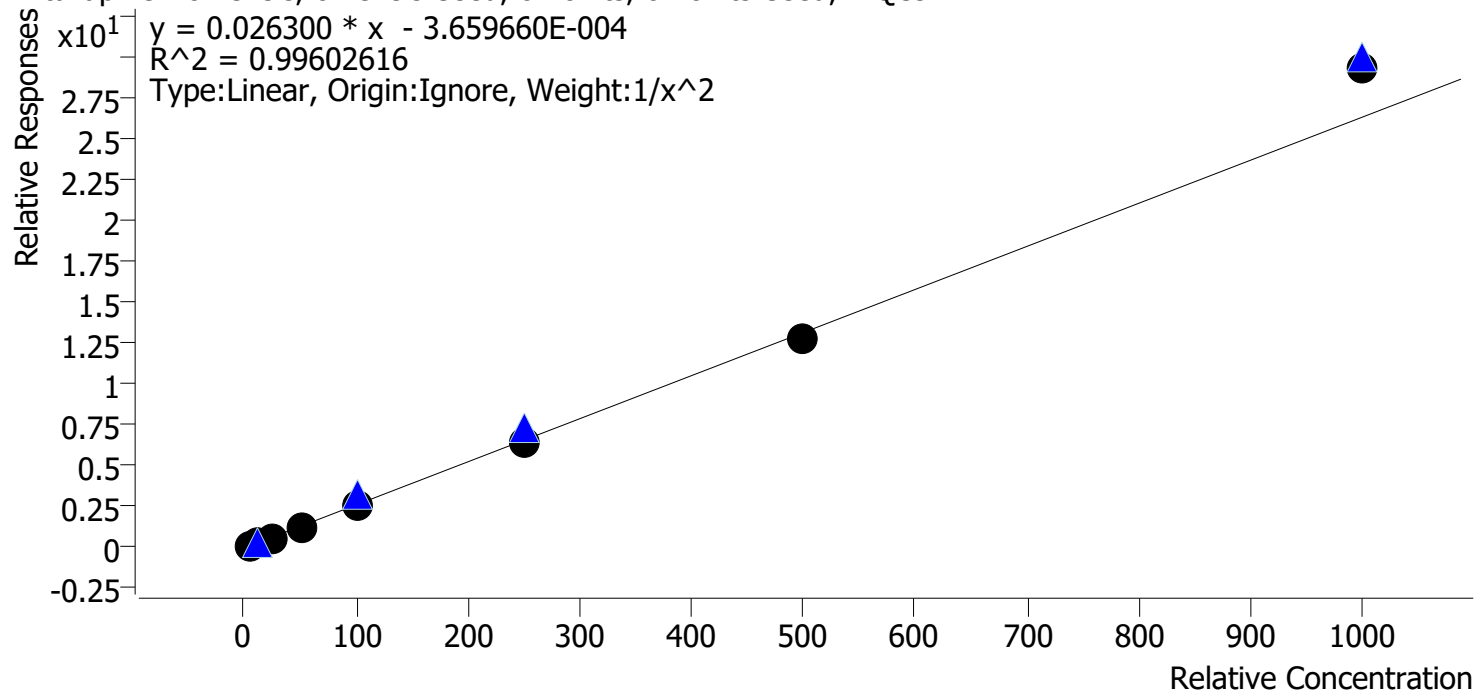
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.2	104.8
cal 2 mdq.d	2	✓	10.0	9.8	98.0
cal 3 mdq.d	3	✓	25.0	21.1	84.4
cal 4 mdq.d	4	✓	50.0	45.7	91.3
cal 5 mdq.d	5	✓	100.0	97.8	97.8
cal 6 mdq.d	6	✓	250.0	274.0	109.6
cal 7 mdq.d	7	✓	500.0	560.9	112.2
cal 8 mdq.d	8	✓	1000.0	1019.1	101.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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

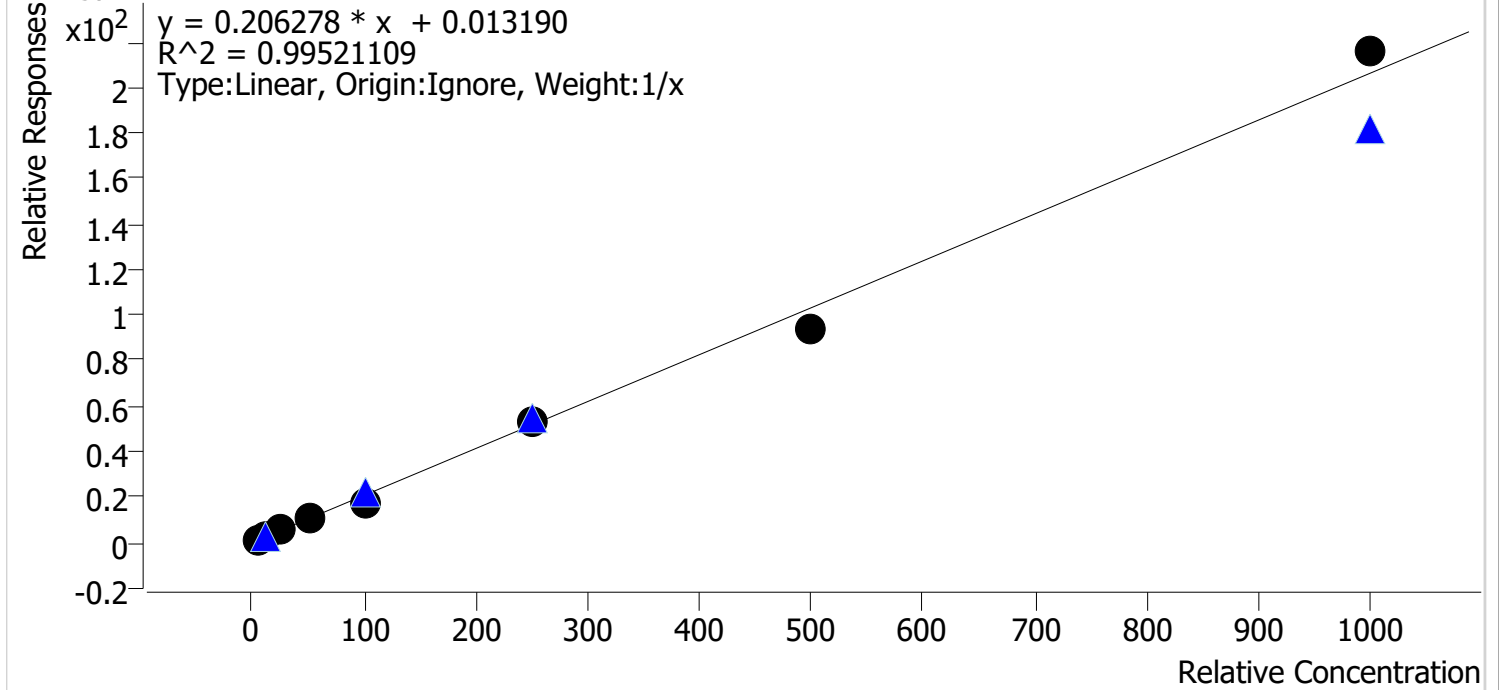


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.2	103.2
cal 2 mdq.d	2	✓	10.0	9.4	94.4
cal 3 mdq.d	3	✓	25.0	25.0	99.8
cal 4 mdq.d	4	✓	50.0	48.2	96.5
cal 5 mdq.d	5	✓	100.0	100.7	100.7
cal 6 mdq.d	6	✓	250.0	241.9	96.7
cal 7 mdq.d	7	✓	500.0	485.0	97.0
cal 8 mdq.d	8	✓	1000.0	1116.5	111.7

Compound Calibration Report

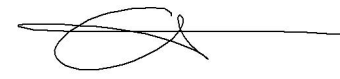
Batch results	D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin		
Last Cal. Update	1/13/2022 9:25 AM		
Analyst Name	ISP\datastor		
Analyte	Mitragynine	Internal Standard	Norbuprenorphine-D3

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



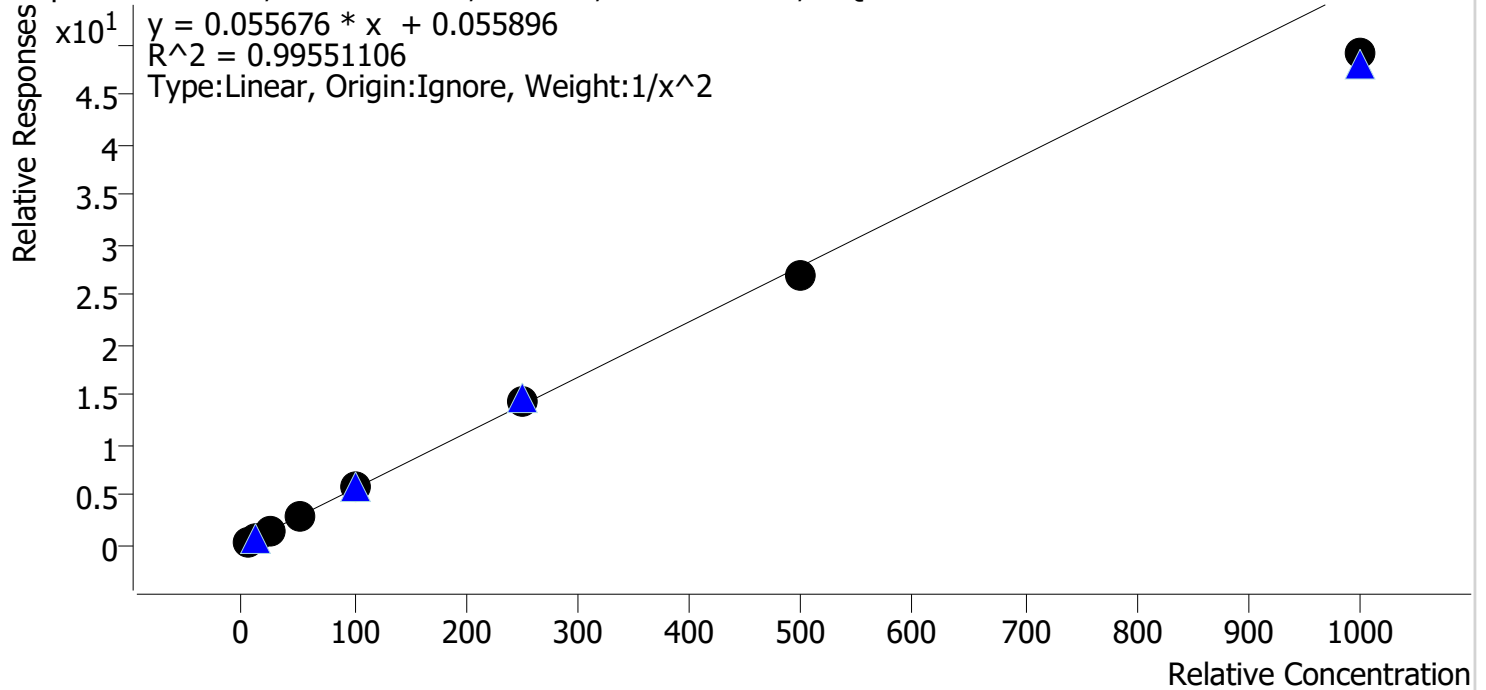
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.4	107.8
cal 2 mdq.d	2	✓	10.0	10.7	106.9
cal 3 mdq.d	3	✓	25.0	26.0	103.9
cal 4 mdq.d	4	✓	50.0	47.7	95.5
cal 5 mdq.d	5	✓	100.0	85.4	85.4
cal 6 mdq.d	6	✓	250.0	260.9	104.4
cal 7 mdq.d	7	✓	500.0	457.8	91.6
cal 8 mdq.d	8	✓	1000.0	1046.1	104.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



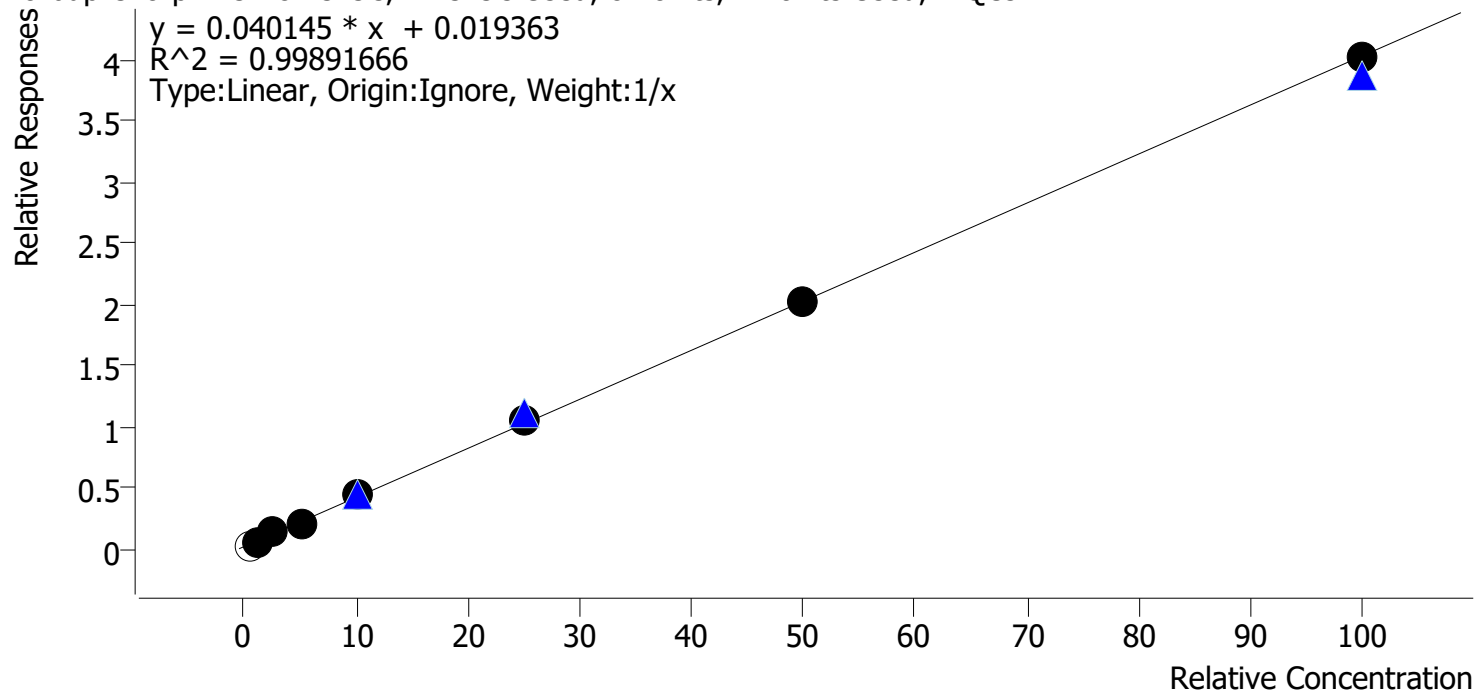
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.9	98.5
cal 2 mdq.d	2	✓	10.0	10.0	100.2
cal 3 mdq.d	3	✓	25.0	25.9	103.5
cal 4 mdq.d	4	✓	50.0	52.0	103.9
cal 5 mdq.d	5	✓	100.0	106.9	106.9
cal 6 mdq.d	6	✓	250.0	256.4	102.6
cal 7 mdq.d	7	✓	500.0	481.7	96.3
cal 8 mdq.d	8	✓	1000.0	881.3	88.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



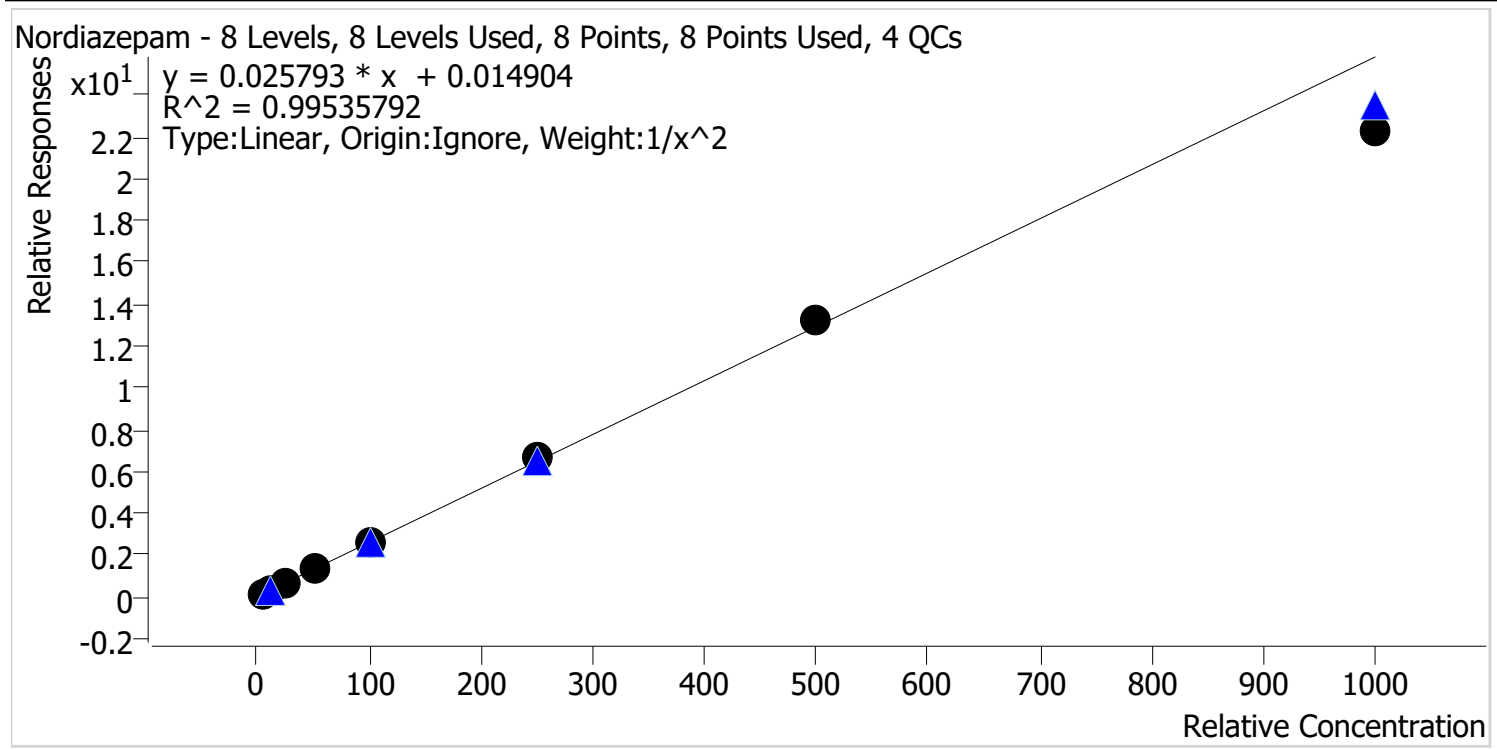
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	x	0.5	0.1	29.1
cal 2 mdq.d	2	✓	1.0	0.9	87.9
cal 3 mdq.d	3	✓	2.5	3.0	118.2
cal 4 mdq.d	4	✓	5.0	4.5	89.8
cal 5 mdq.d	5	✓	10.0	10.3	102.6
cal 6 mdq.d	6	✓	25.0	25.7	102.7
cal 7 mdq.d	7	✓	50.0	49.6	99.1
cal 8 mdq.d	8	✓	100.0	99.7	99.7

cal 1 dropped ratio out of range, poor peak shape

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



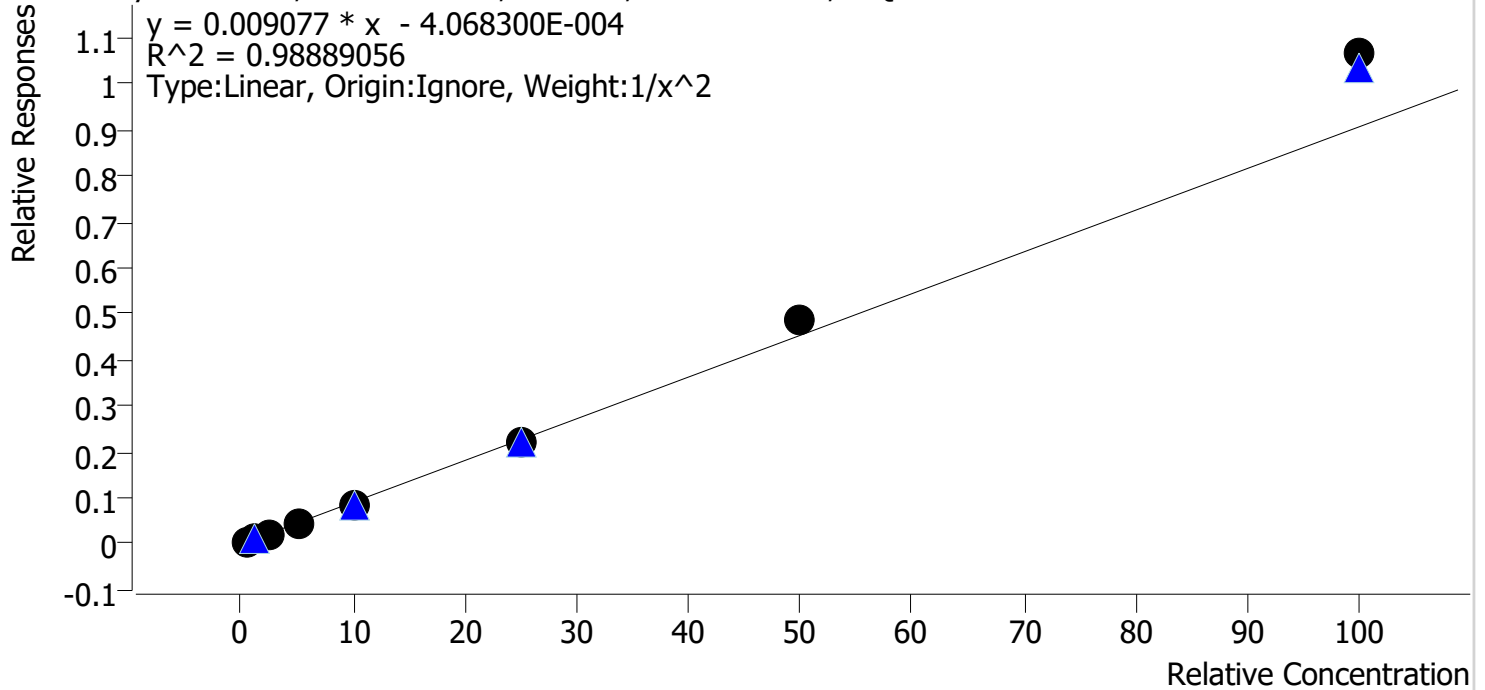
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.9	98.2
cal 2 mdq.d	2	✓	10.0	10.1	100.6
cal 3 mdq.d	3	✓	25.0	26.7	106.7
cal 4 mdq.d	4	✓	50.0	50.6	101.3
cal 5 mdq.d	5	✓	100.0	101.3	101.3
cal 6 mdq.d	6	✓	250.0	258.2	103.3
cal 7 mdq.d	7	✓	500.0	510.7	102.1
cal 8 mdq.d	8	✓	1000.0	866.1	86.6

Compound Calibration Report



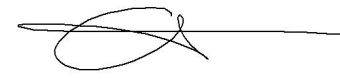
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



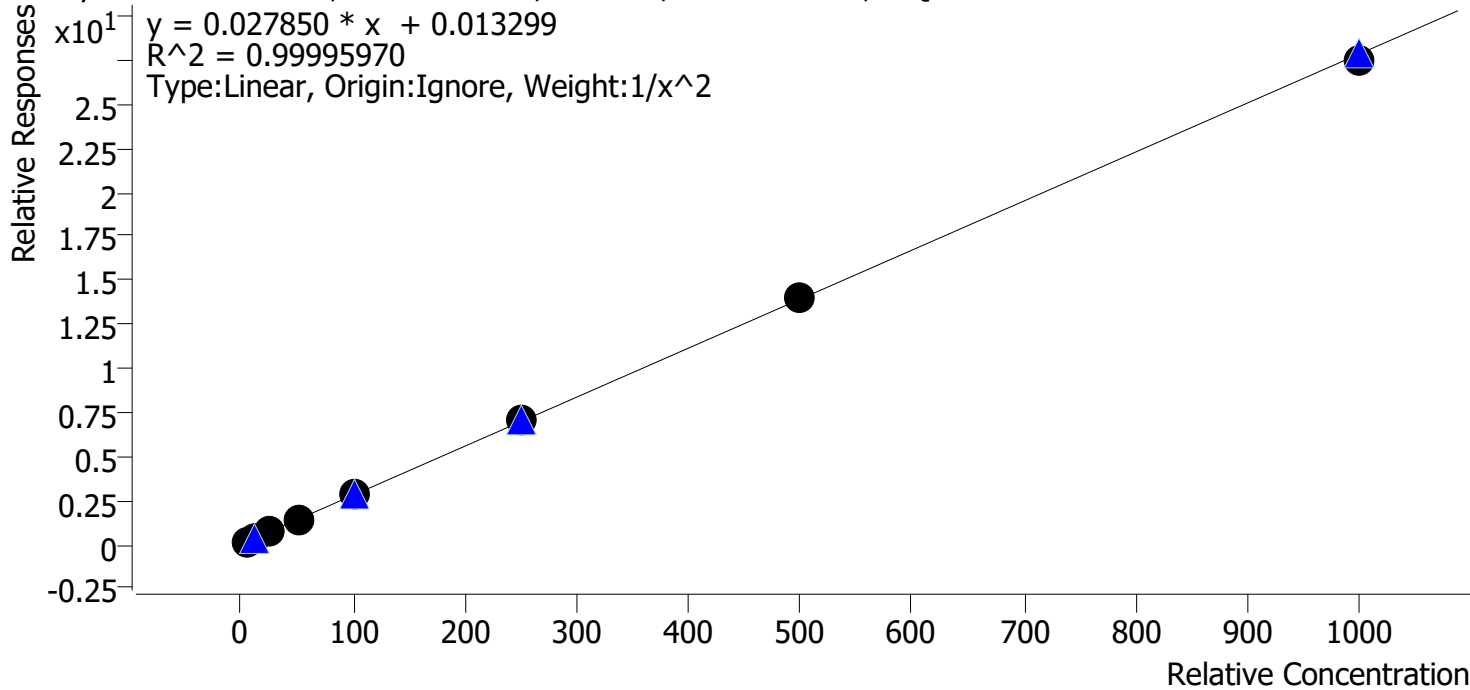
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	0.5	0.5	103.6
cal 2 mdq.d	2	✓	1.0	1.0	98.7
cal 3 mdq.d	3	✓	2.5	2.3	90.3
cal 4 mdq.d	4	✓	5.0	4.6	92.7
cal 5 mdq.d	5	✓	10.0	9.1	91.4
cal 6 mdq.d	6	✓	25.0	24.7	98.8
cal 7 mdq.d	7	✓	50.0	53.4	106.9
cal 8 mdq.d	8	✓	100.0	117.6	117.6

Compound Calibration Report



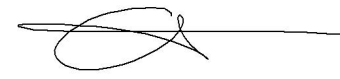
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

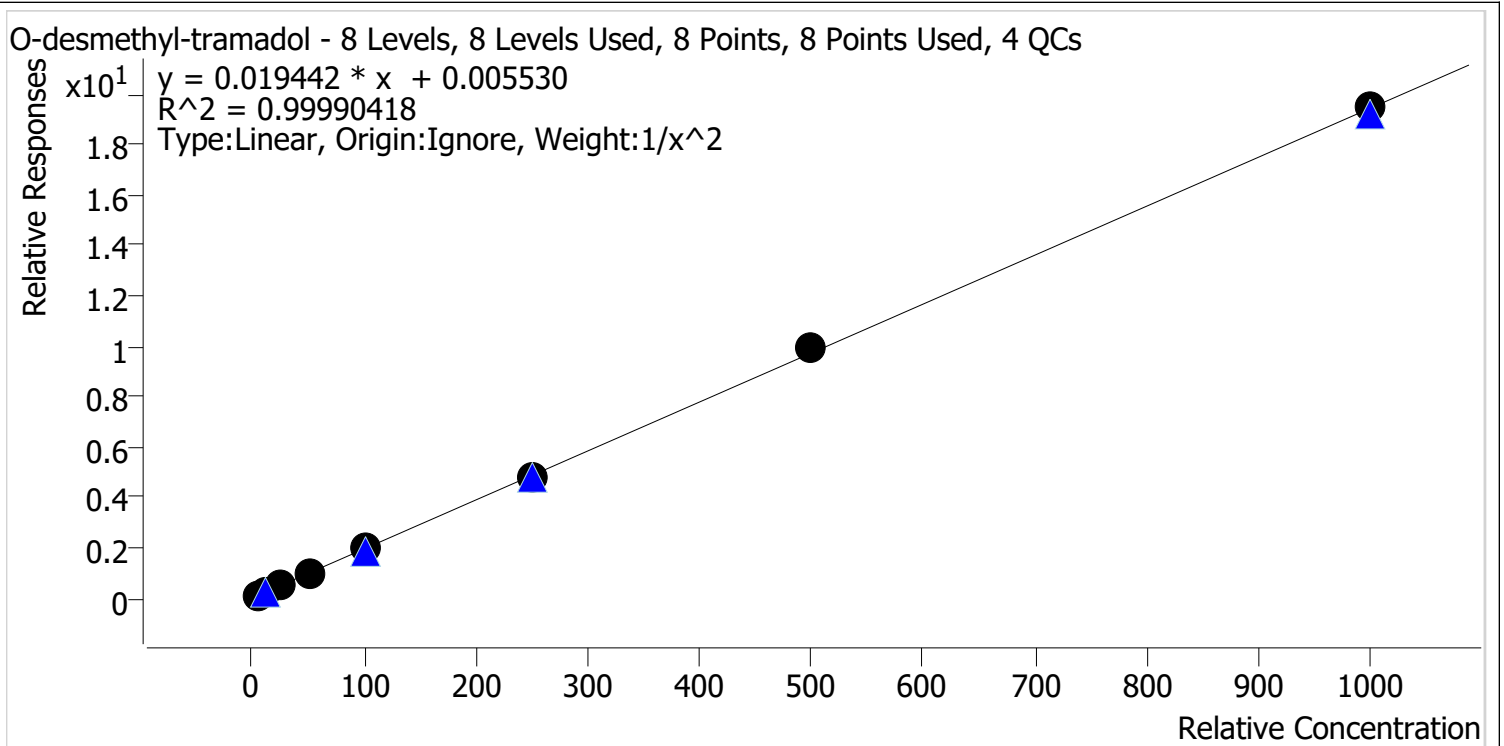


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	99.7
cal 2 mdq.d	2	✓	10.0	10.1	100.6
cal 3 mdq.d	3	✓	25.0	24.9	99.7
cal 4 mdq.d	4	✓	50.0	50.1	100.2
cal 5 mdq.d	5	✓	100.0	100.2	100.2
cal 6 mdq.d	6	✓	250.0	250.8	100.3
cal 7 mdq.d	7	✓	500.0	502.0	100.4
cal 8 mdq.d	8	✓	1000.0	988.4	98.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



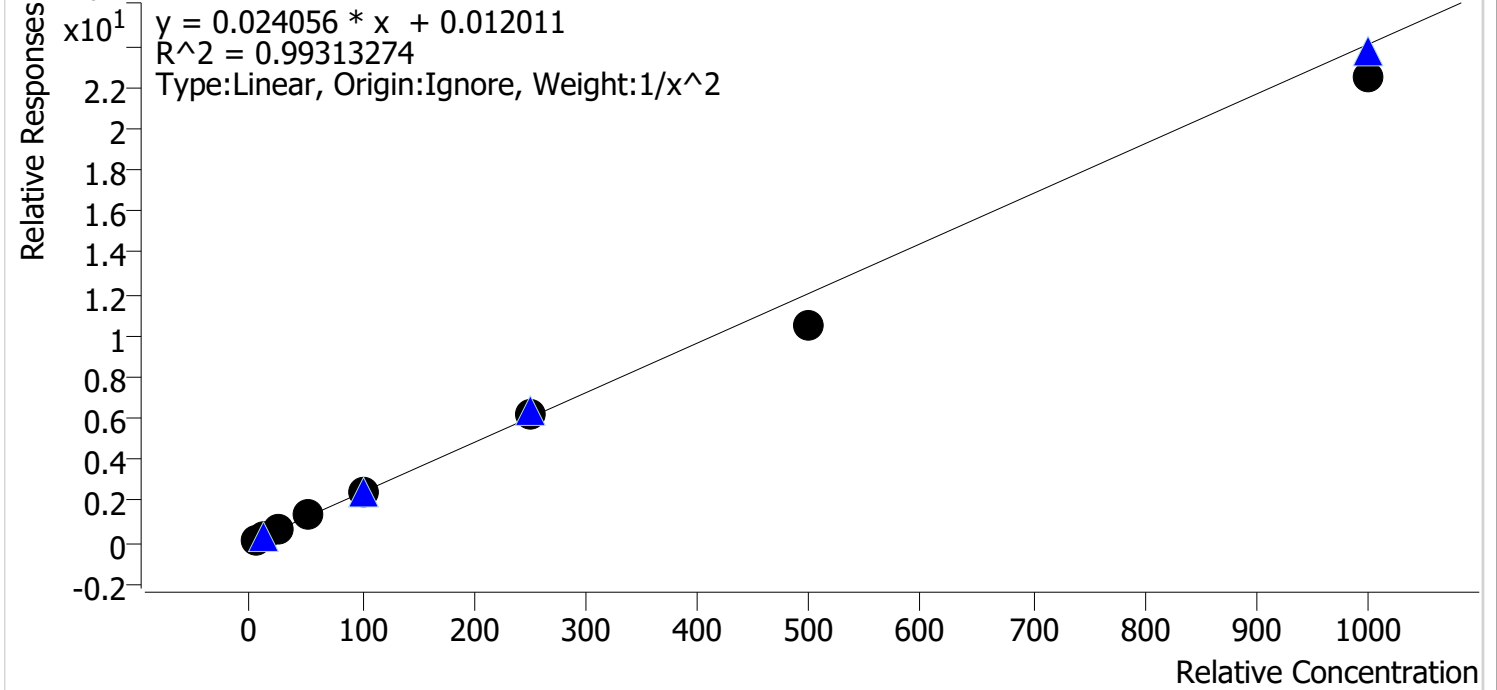
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	100.4
cal 2 mdq.d	2	✓	10.0	9.9	99.4
cal 3 mdq.d	3	✓	25.0	25.0	100.1
cal 4 mdq.d	4	✓	50.0	49.7	99.3
cal 5 mdq.d	5	✓	100.0	99.2	99.2
cal 6 mdq.d	6	✓	250.0	248.8	99.5
cal 7 mdq.d	7	✓	500.0	509.0	101.8
cal 8 mdq.d	8	✓	1000.0	1002.1	100.2

Compound Calibration Report



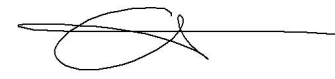
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



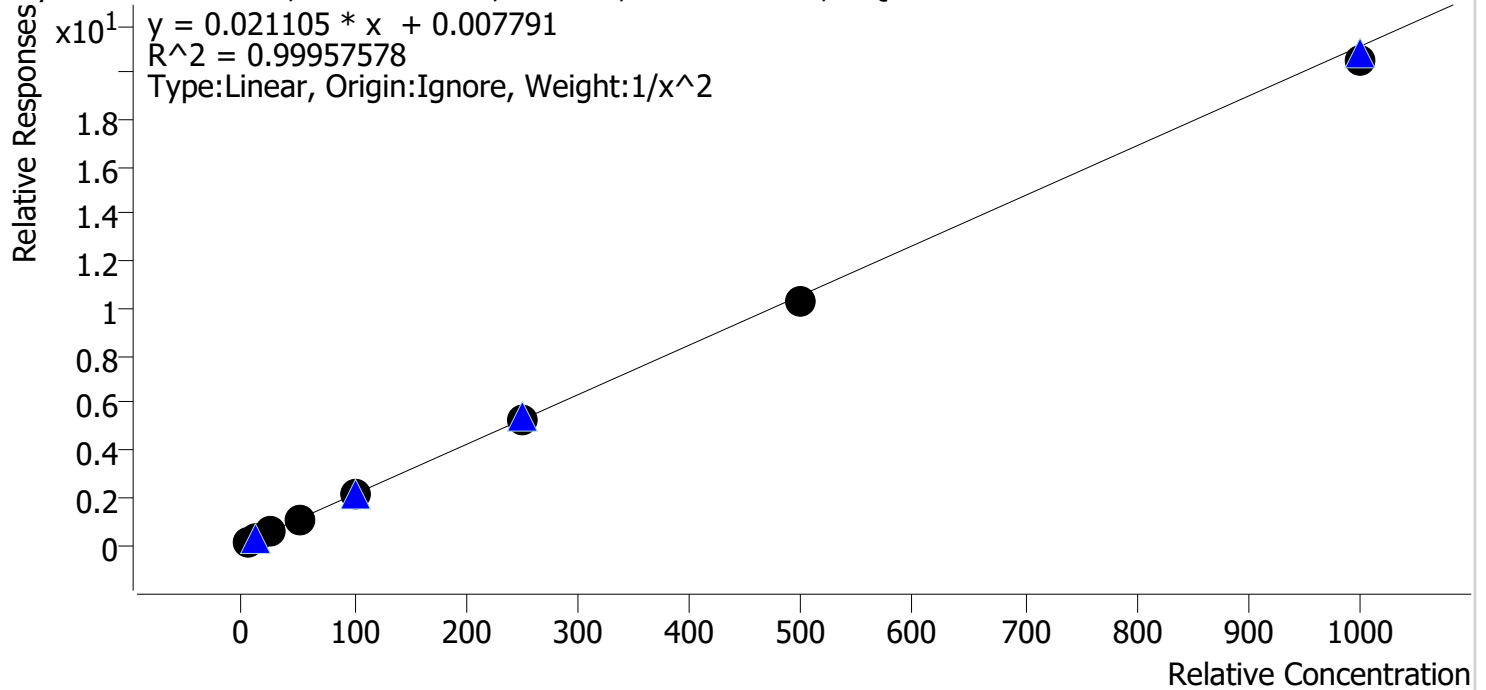
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.8	95.6
cal 2 mdq.d	2	✓	10.0	10.6	105.6
cal 3 mdq.d	3	✓	25.0	25.9	103.7
cal 4 mdq.d	4	✓	50.0	54.0	108.0
cal 5 mdq.d	5	✓	100.0	103.3	103.3
cal 6 mdq.d	6	✓	250.0	258.7	103.5
cal 7 mdq.d	7	✓	500.0	435.5	87.1
cal 8 mdq.d	8	✓	1000.0	932.2	93.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



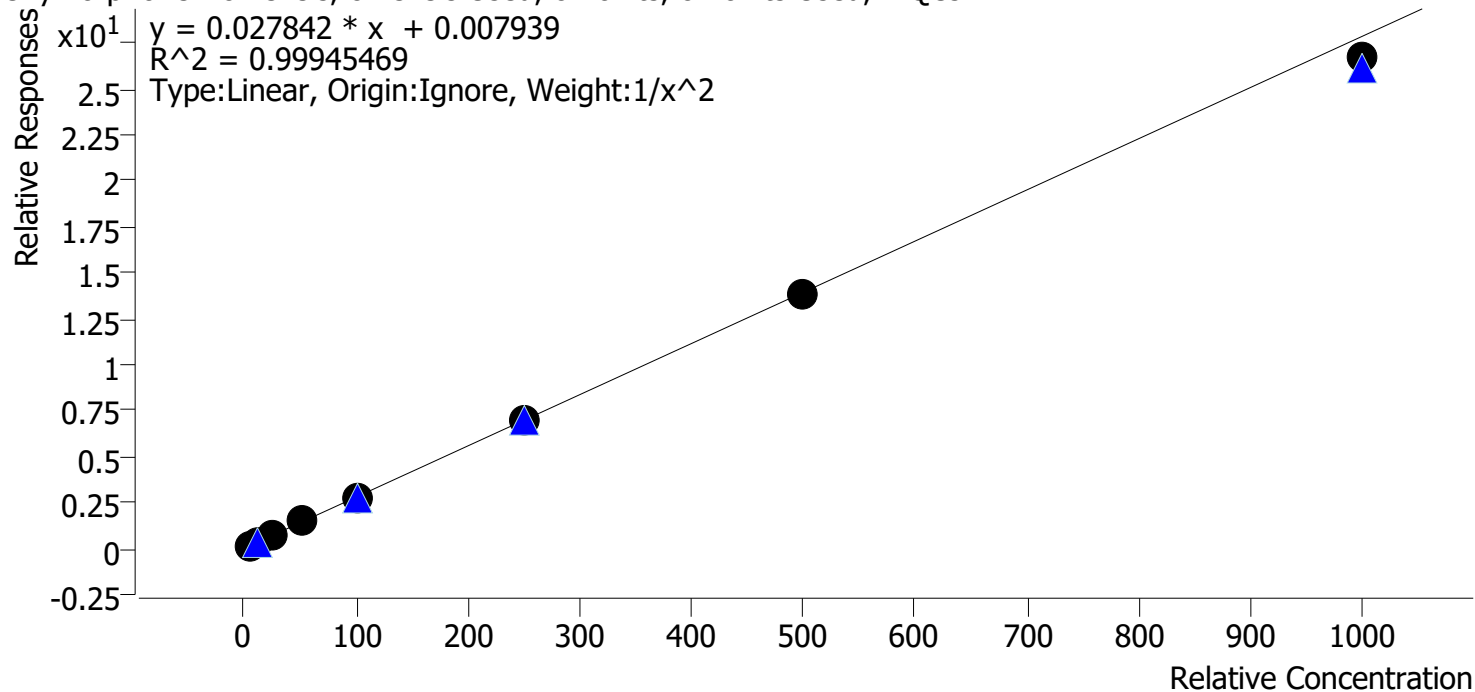
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.9	98.6
cal 2 mdq.d	2	✓	10.0	10.2	102.0
cal 3 mdq.d	3	✓	25.0	25.2	101.0
cal 4 mdq.d	4	✓	50.0	51.2	102.4
cal 5 mdq.d	5	✓	100.0	100.7	100.7
cal 6 mdq.d	6	✓	250.0	249.1	99.6
cal 7 mdq.d	7	✓	500.0	491.3	98.3
cal 8 mdq.d	8	✓	1000.0	975.1	97.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.9	98.9
cal 2 mdq.d	2	✓	10.0	10.1	101.3
cal 3 mdq.d	3	✓	25.0	25.3	101.3
cal 4 mdq.d	4	✓	50.0	50.9	101.9
cal 5 mdq.d	5	✓	100.0	101.5	101.5
cal 6 mdq.d	6	✓	250.0	251.2	100.5
cal 7 mdq.d	7	✓	500.0	494.6	98.9
cal 8 mdq.d	8	✓	1000.0	958.5	95.8

Compound Calibration Report

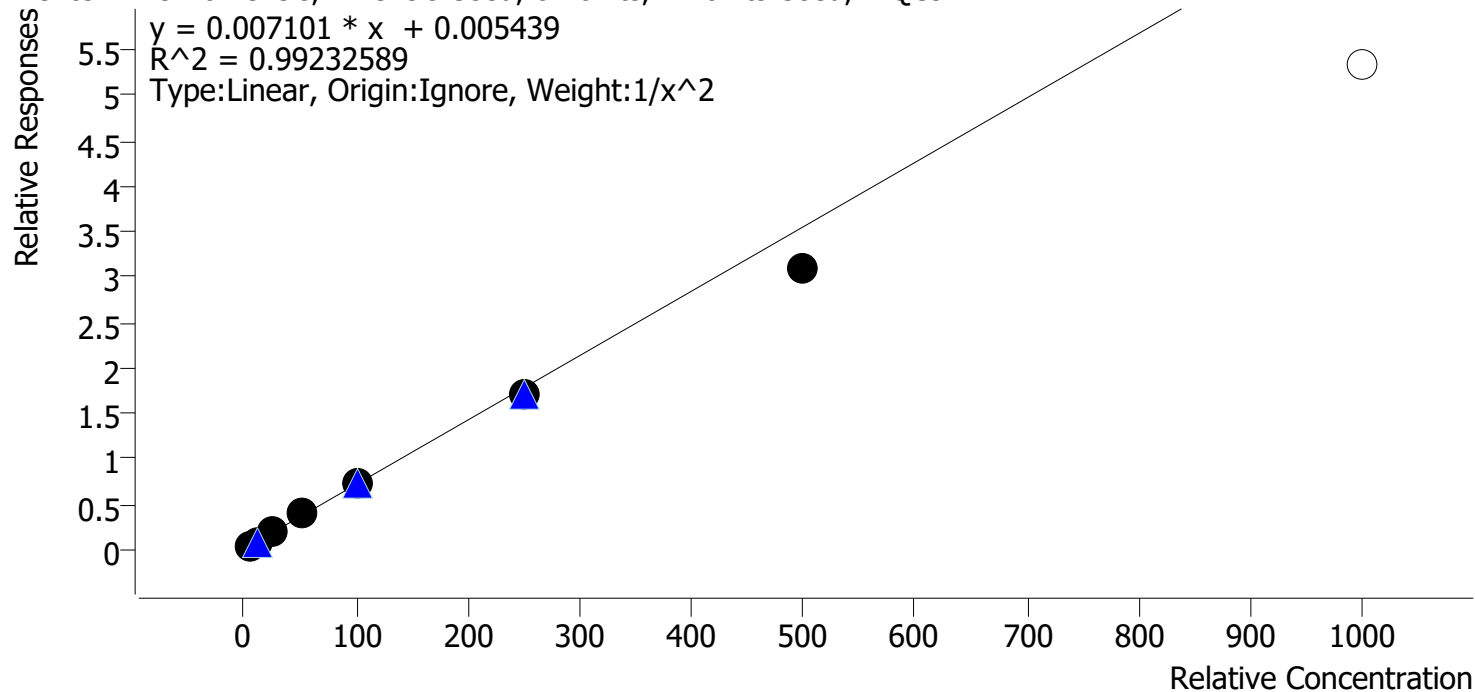


Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Phentermine

Internal Standard

Phentermine-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.8	95.3
cal 2 mdq.d	2	✓	10.0	10.6	105.6
cal 3 mdq.d	3	✓	25.0	26.7	106.7
cal 4 mdq.d	4	✓	50.0	52.8	105.6
cal 5 mdq.d	5	✓	100.0	103.4	103.4
cal 6 mdq.d	6	✓	250.0	241.9	96.8
cal 7 mdq.d	7	✓	500.0	433.0	86.6
cal 8 mdq.d	8	✗	1000.0	752.1	75.2

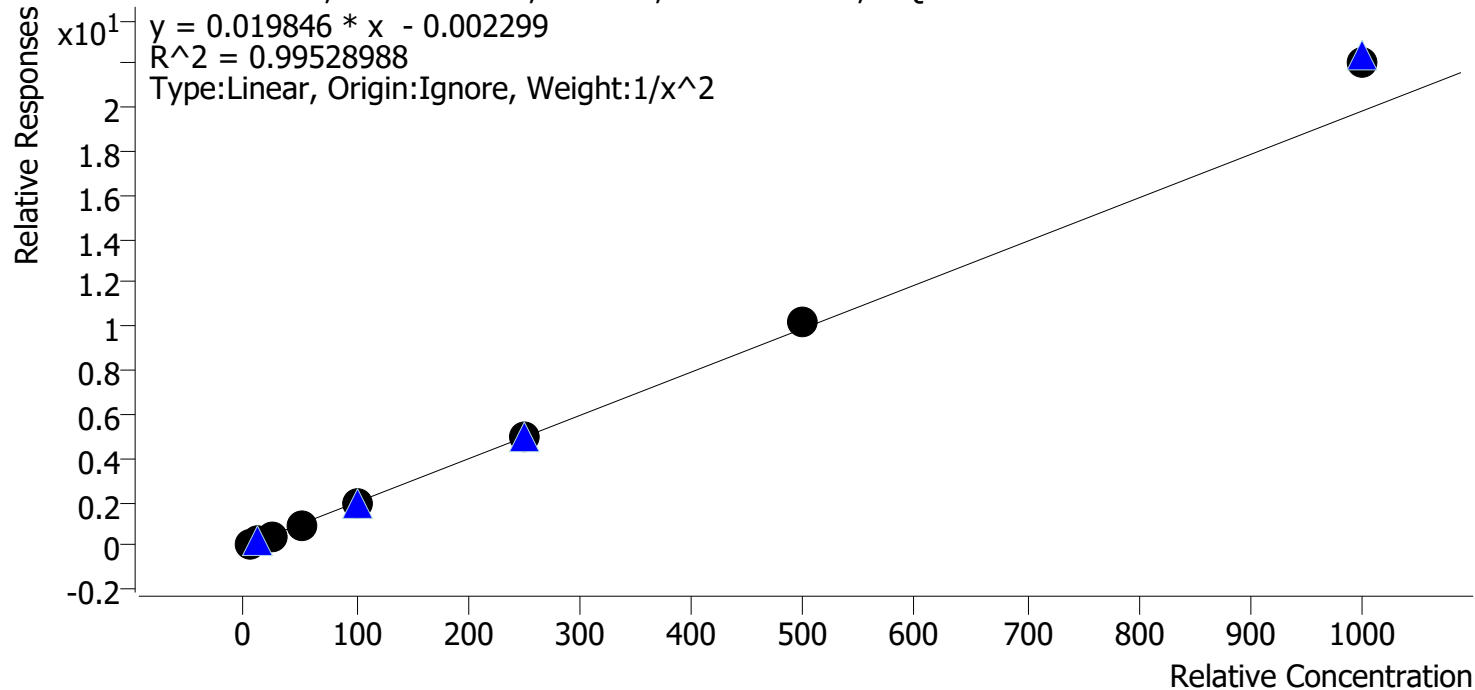
cal 8 dropped due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



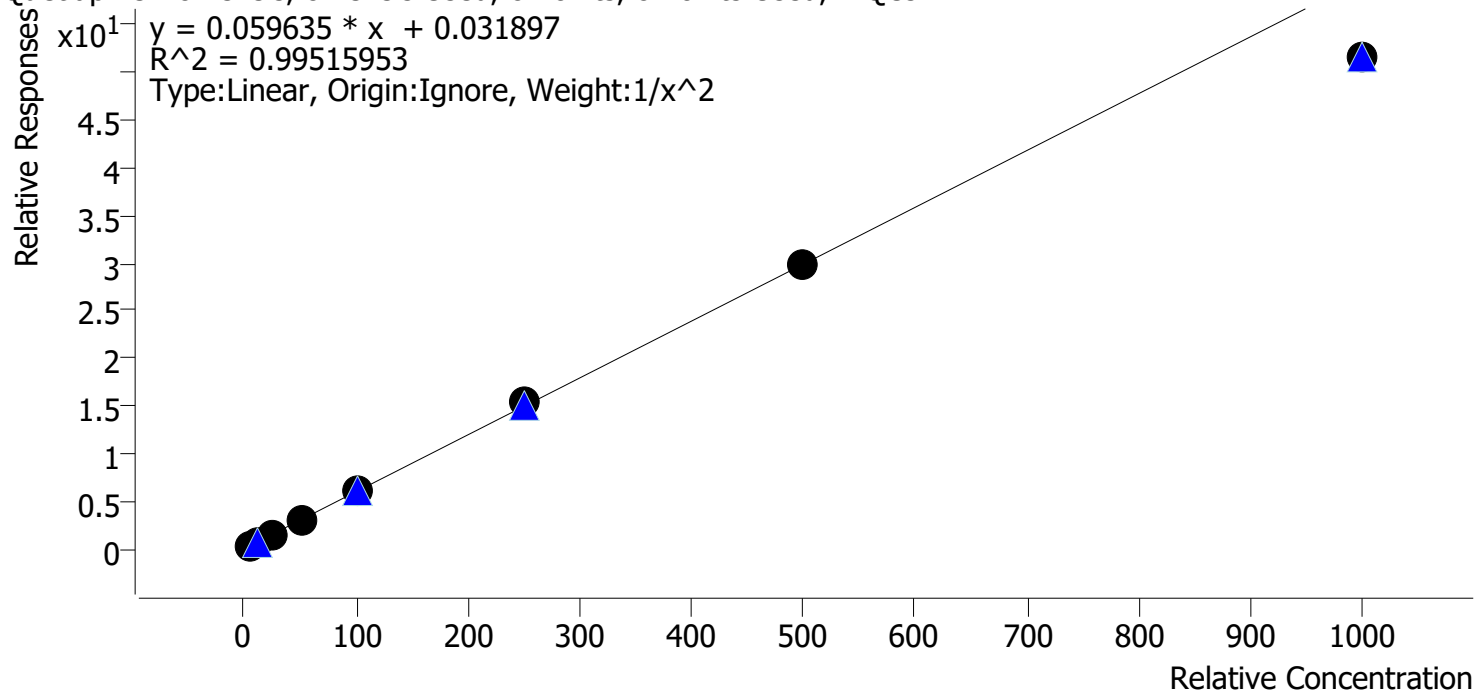
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.2	103.2
cal 2 mdq.d	2	✓	10.0	9.7	96.7
cal 3 mdq.d	3	✓	25.0	24.2	96.8
cal 4 mdq.d	4	✓	50.0	46.4	92.8
cal 5 mdq.d	5	✓	100.0	95.7	95.7
cal 6 mdq.d	6	✓	250.0	248.8	99.5
cal 7 mdq.d	7	✓	500.0	519.3	103.9
cal 8 mdq.d	8	✓	1000.0	1115.2	111.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



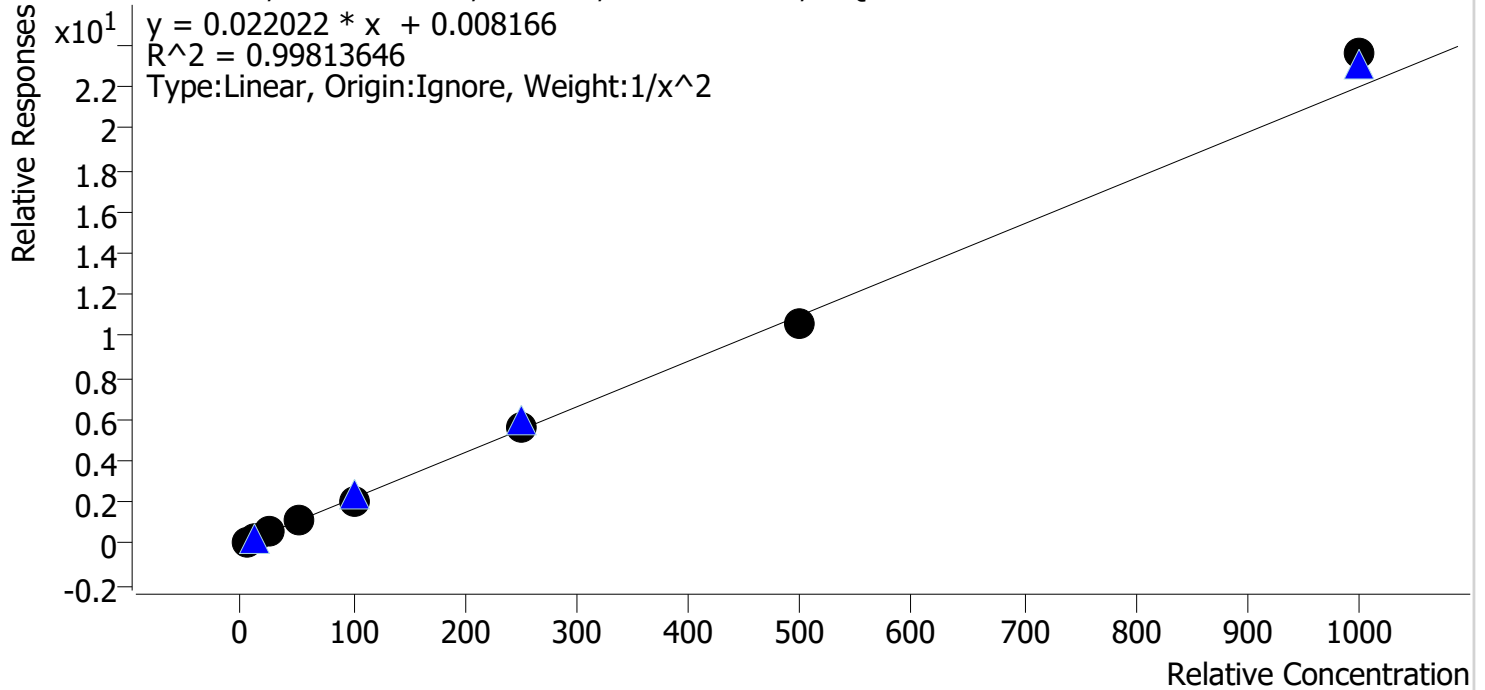
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.9	98.6
cal 2 mdq.d	2	✓	10.0	10.0	99.8
cal 3 mdq.d	3	✓	25.0	25.9	103.7
cal 4 mdq.d	4	✓	50.0	52.7	105.4
cal 5 mdq.d	5	✓	100.0	104.4	104.4
cal 6 mdq.d	6	✓	250.0	255.4	102.1
cal 7 mdq.d	7	✓	500.0	497.8	99.6
cal 8 mdq.d	8	✓	1000.0	863.2	86.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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

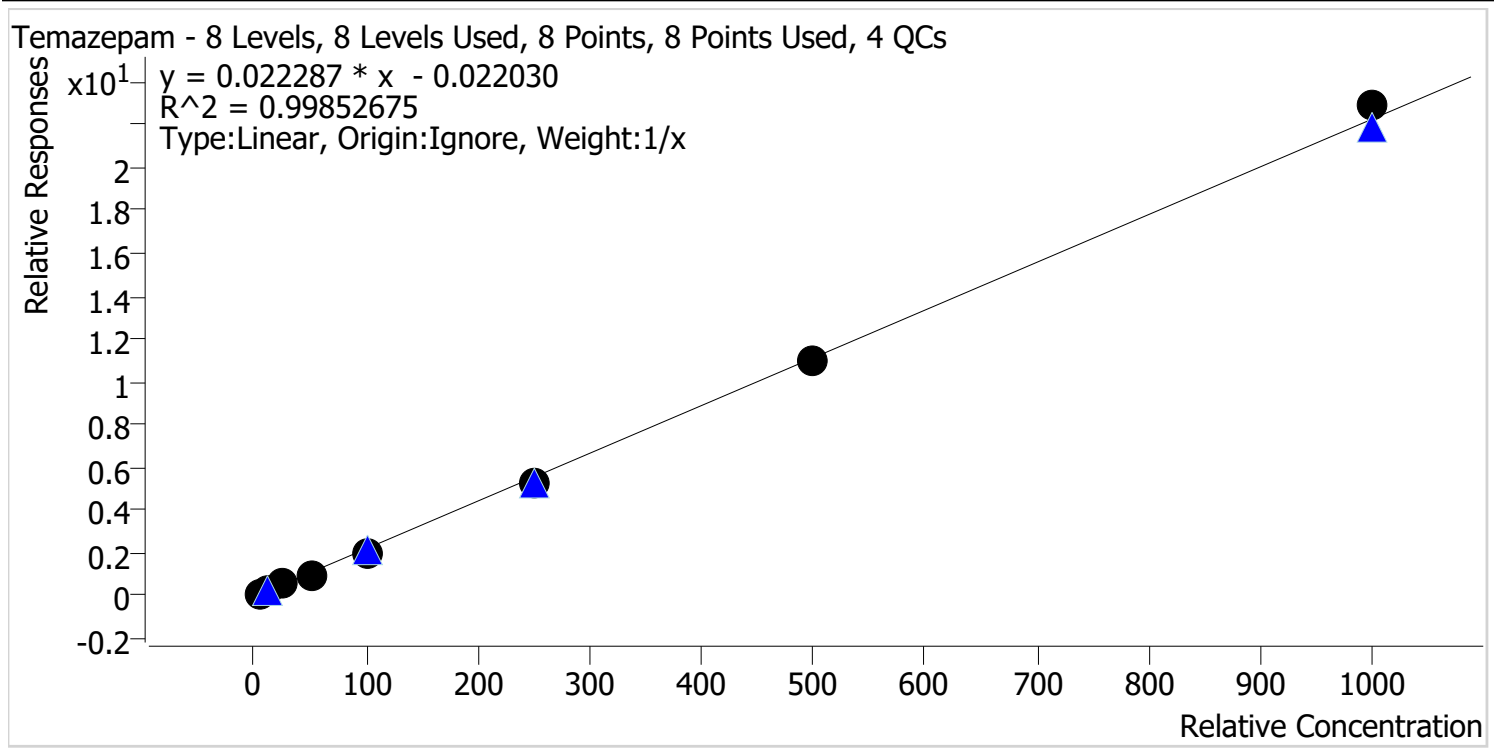


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.0	100.6
cal 2 mdq.d	2	✓	10.0	10.1	100.8
cal 3 mdq.d	3	✓	25.0	24.0	95.9
cal 4 mdq.d	4	✓	50.0	49.9	99.8
cal 5 mdq.d	5	✓	100.0	96.6	96.6
cal 6 mdq.d	6	✓	250.0	255.9	102.4
cal 7 mdq.d	7	✓	500.0	483.6	96.7
cal 8 mdq.d	8	✓	1000.0	1072.6	107.3

Compound Calibration Report

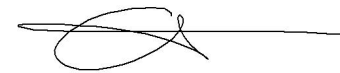


Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



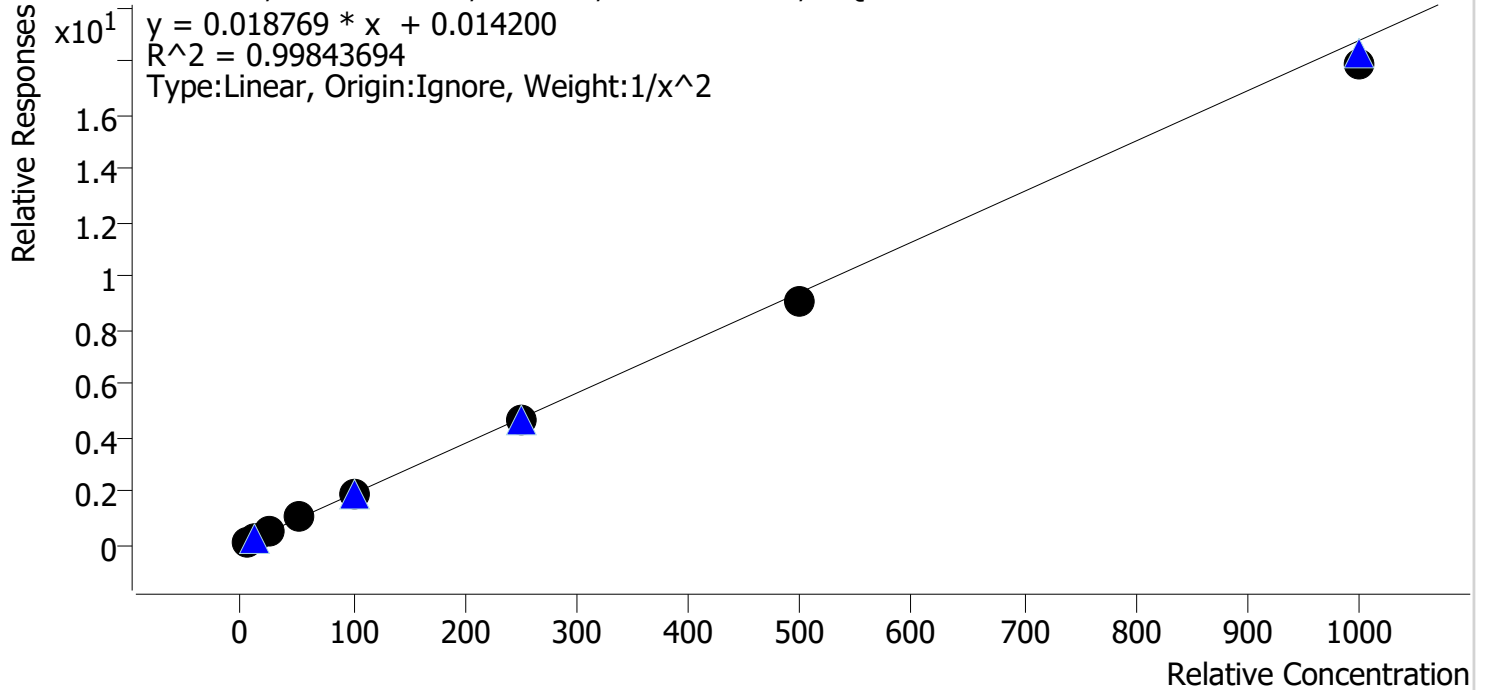
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.8	116.7
cal 2 mdq.d	2	✓	10.0	10.5	104.8
cal 3 mdq.d	3	✓	25.0	24.1	96.6
cal 4 mdq.d	4	✓	50.0	46.7	93.5
cal 5 mdq.d	5	✓	100.0	91.4	91.4
cal 6 mdq.d	6	✓	250.0	237.4	95.0
cal 7 mdq.d	7	✓	500.0	495.7	99.1
cal 8 mdq.d	8	✓	1000.0	1028.3	102.8

Compound Calibration Report



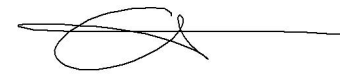
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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



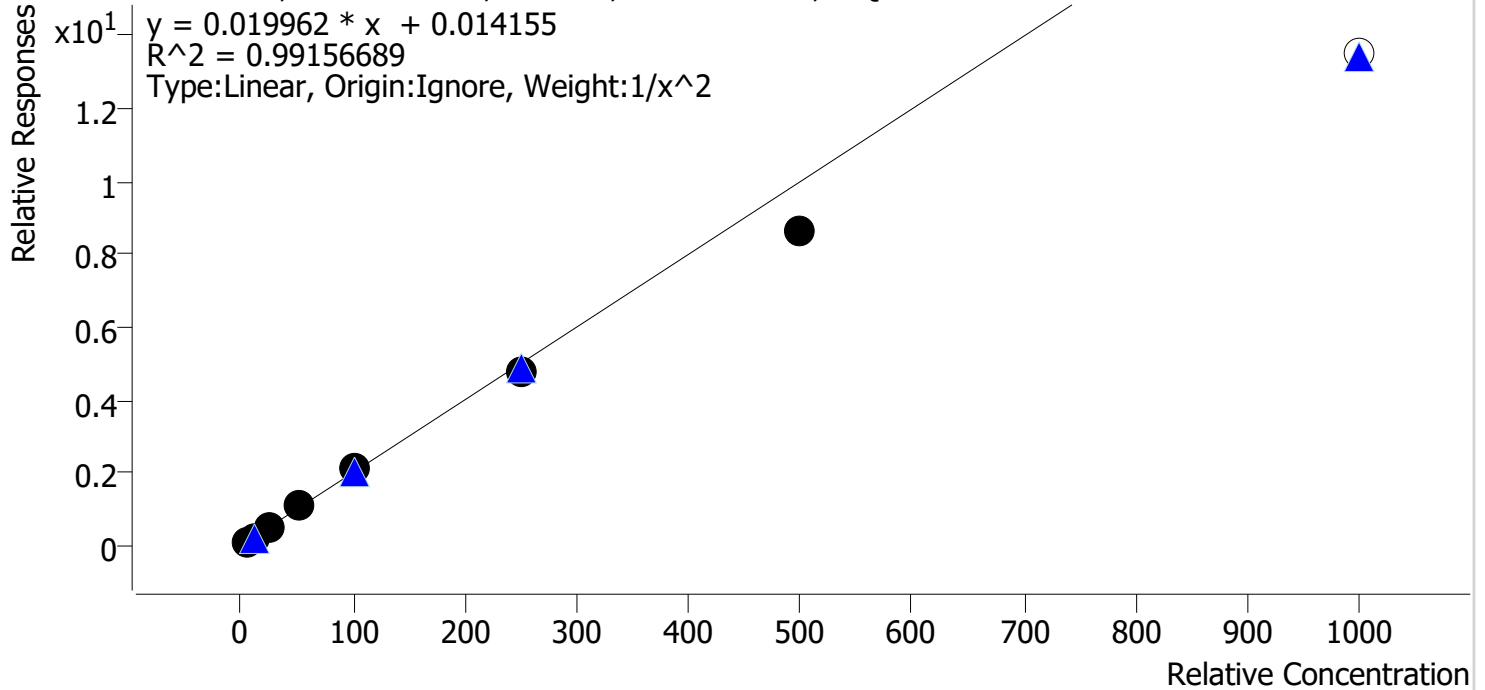
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.9	97.9
cal 2 mdq.d	2	✓	10.0	10.2	102.1
cal 3 mdq.d	3	✓	25.0	25.8	103.3
cal 4 mdq.d	4	✓	50.0	51.8	103.6
cal 5 mdq.d	5	✓	100.0	102.5	102.5
cal 6 mdq.d	6	✓	250.0	249.7	99.9
cal 7 mdq.d	7	✓	500.0	478.7	95.7
cal 8 mdq.d	8	✓	1000.0	949.9	95.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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

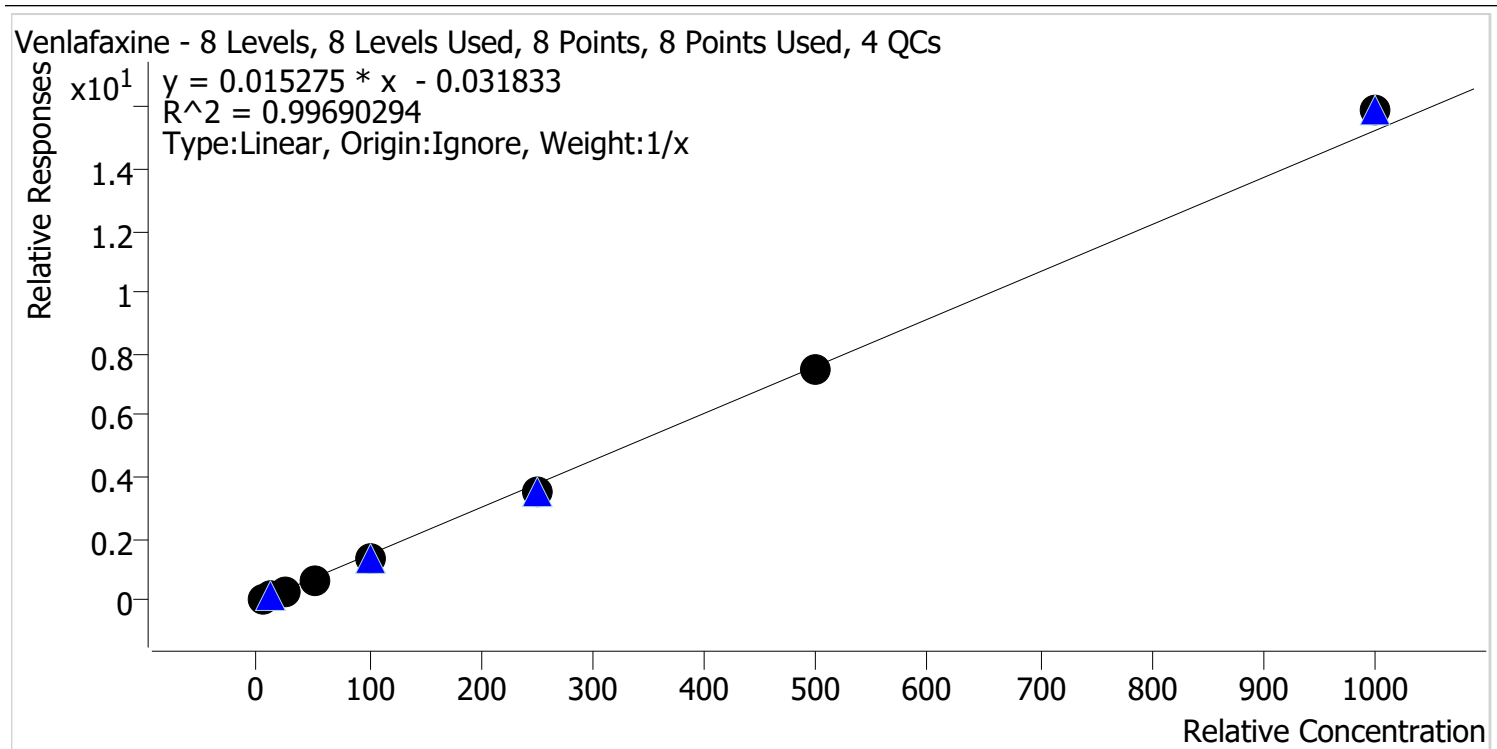


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.8	96.0
cal 2 mdq.d	2	✓	10.0	10.4	104.3
cal 3 mdq.d	3	✓	25.0	26.5	105.9
cal 4 mdq.d	4	✓	50.0	53.3	106.6
cal 5 mdq.d	5	✓	100.0	106.2	106.2
cal 6 mdq.d	6	✓	250.0	236.6	94.7
cal 7 mdq.d	7	✓	500.0	432.1	86.4
cal 8 mdq.d	8	✗	1000.0	676.0	67.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



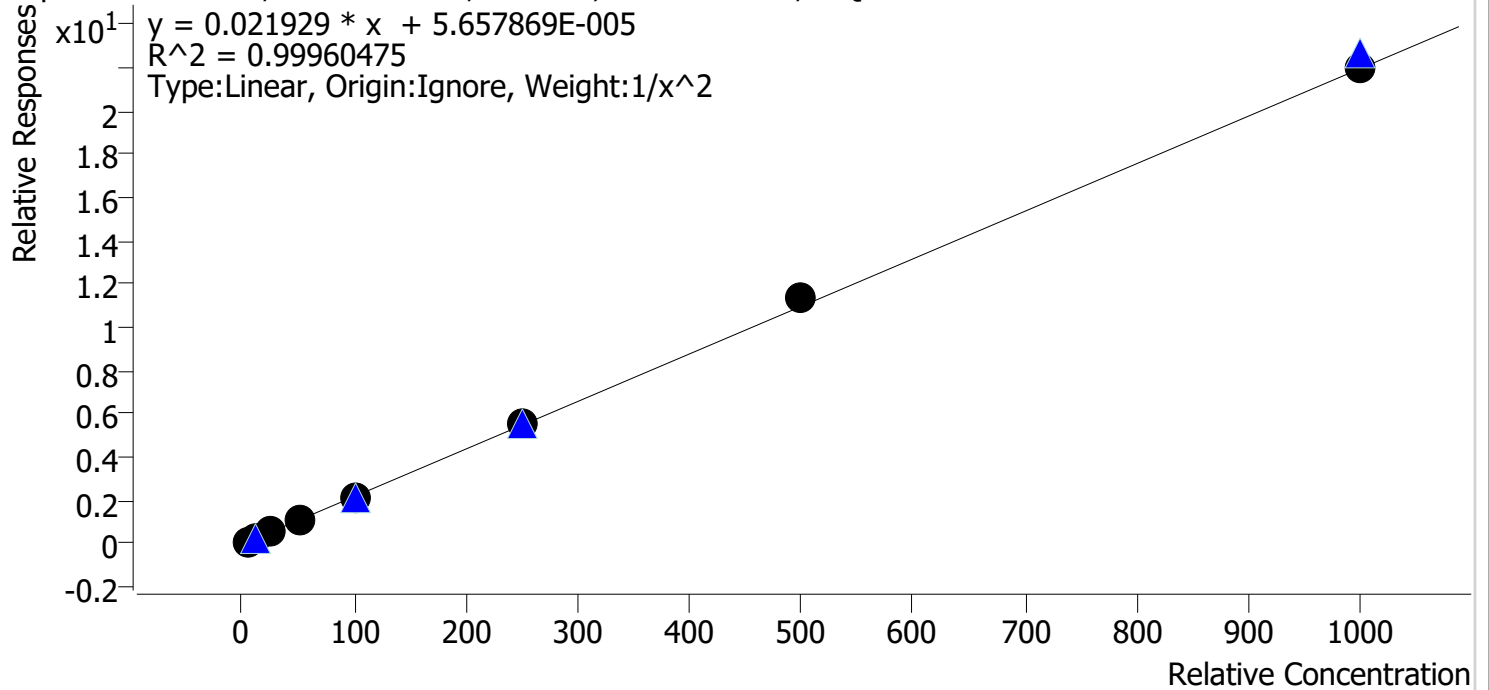
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	6.4	128.3
cal 2 mdq.d	2	✓	10.0	10.6	105.6
cal 3 mdq.d	3	✓	25.0	23.1	92.2
cal 4 mdq.d	4	✓	50.0	44.5	89.0
cal 5 mdq.d	5	✓	100.0	89.3	89.3
cal 6 mdq.d	6	✓	250.0	232.3	92.9
cal 7 mdq.d	7	✓	500.0	491.7	98.3
cal 8 mdq.d	8	✓	1000.0	1042.1	104.2

Compound Calibration Report



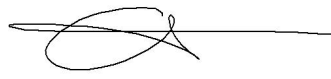
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



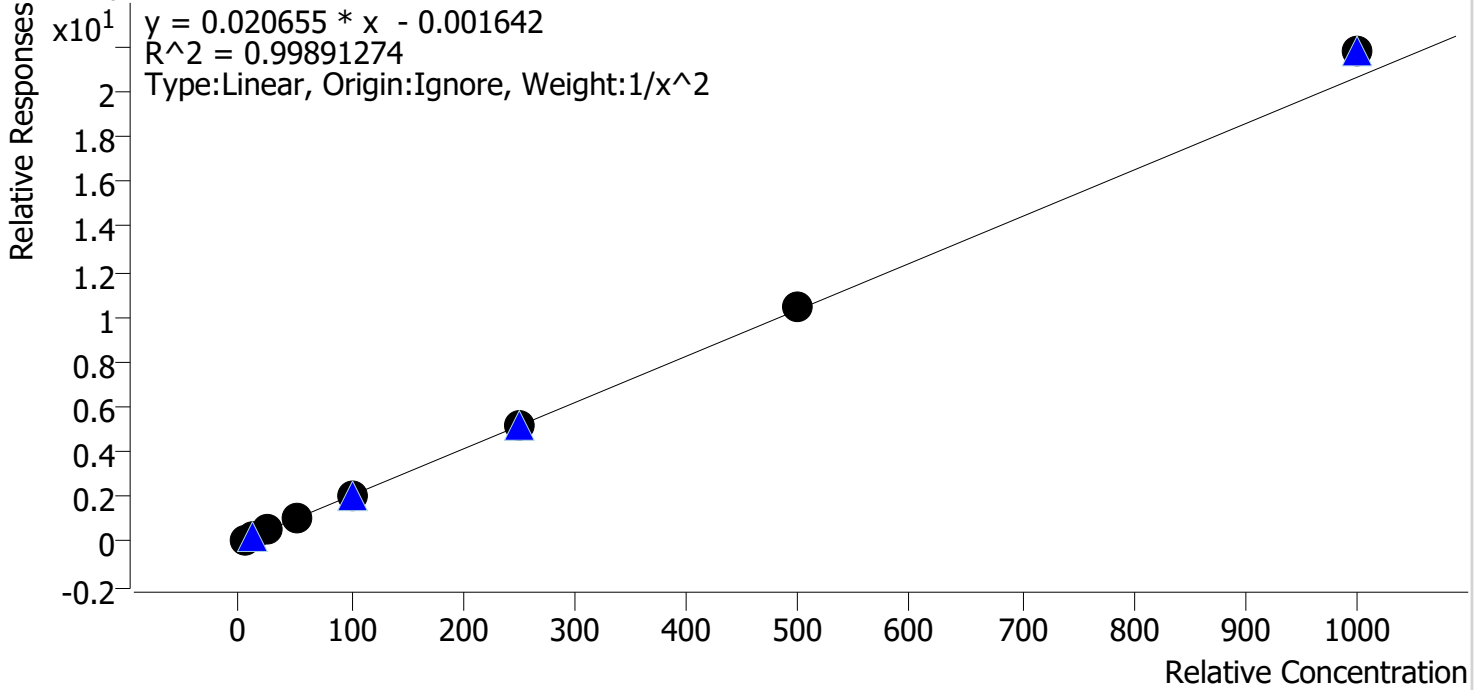
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.1	101.4
cal 2 mdq.d	2	✓	10.0	9.8	98.0
cal 3 mdq.d	3	✓	25.0	24.7	98.9
cal 4 mdq.d	4	✓	50.0	48.9	97.8
cal 5 mdq.d	5	✓	100.0	100.6	100.6
cal 6 mdq.d	6	✓	250.0	250.8	100.3
cal 7 mdq.d	7	✓	500.0	514.6	102.9
cal 8 mdq.d	8	✓	1000.0	1000.7	100.1

Compound Calibration Report



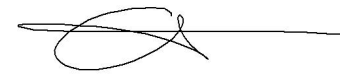
Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



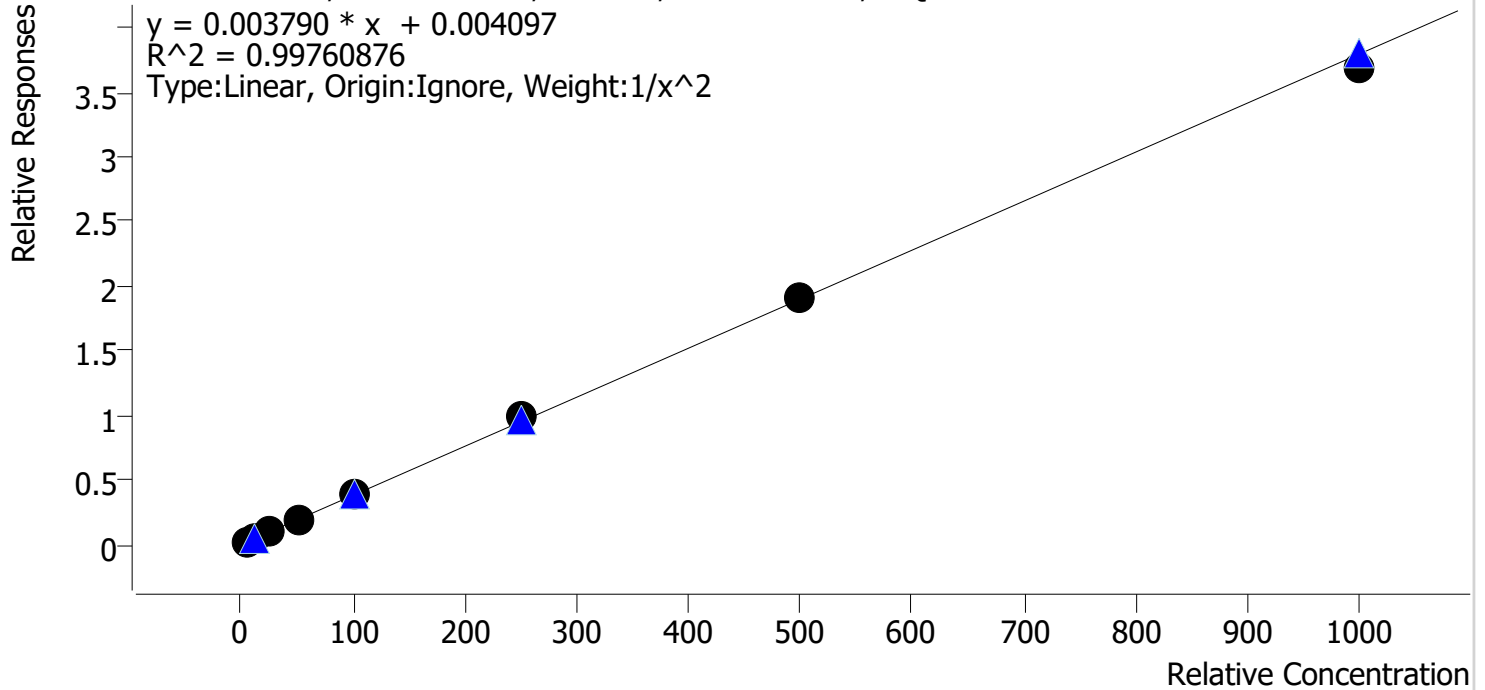
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.1	101.4
cal 2 mdq.d	2	✓	10.0	9.9	98.9
cal 3 mdq.d	3	✓	25.0	24.5	97.9
cal 4 mdq.d	4	✓	50.0	48.5	97.0
cal 5 mdq.d	5	✓	100.0	97.4	97.4
cal 6 mdq.d	6	✓	250.0	250.3	100.1
cal 7 mdq.d	7	✓	500.0	509.4	101.9
cal 8 mdq.d	8	✓	1000.0	1055.1	105.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** EDDP-D3

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



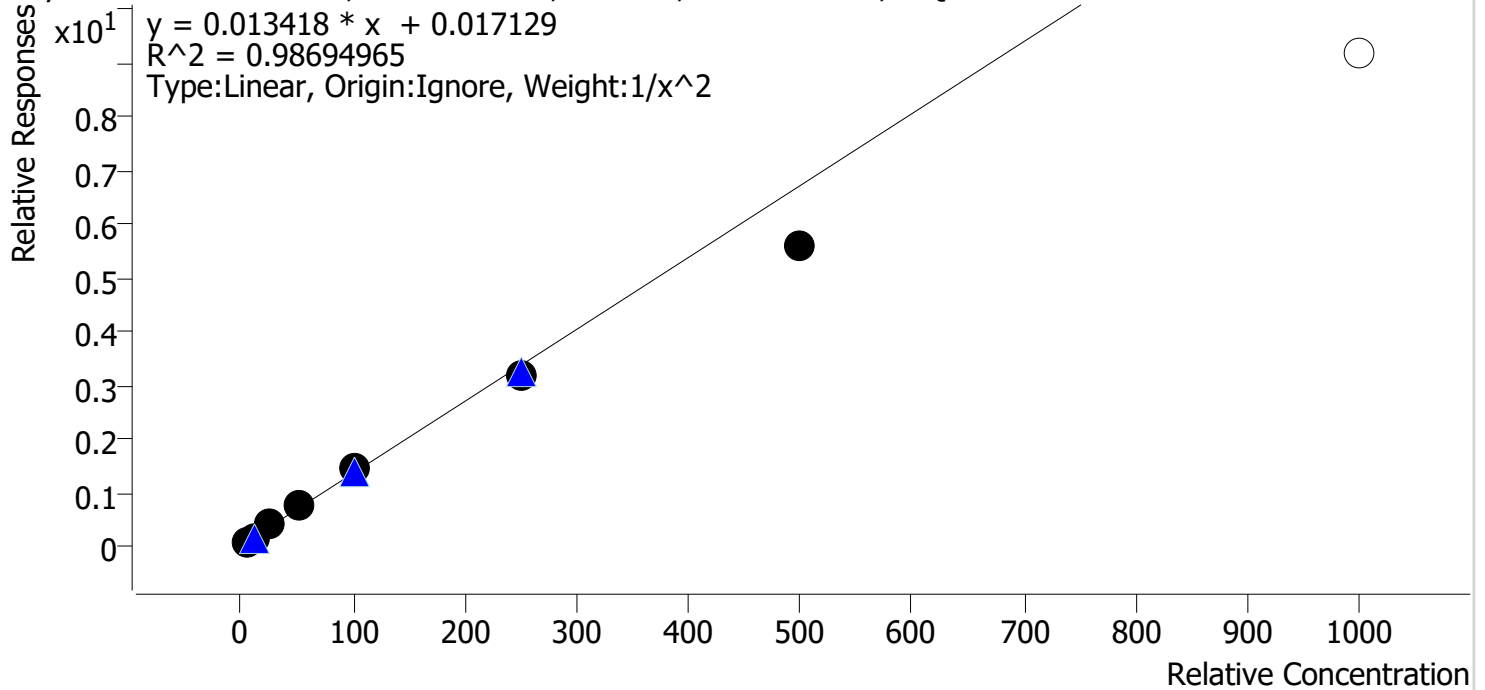
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	5.2	104.1
cal 2 mdq.d	2	✓	10.0	9.1	91.0
cal 3 mdq.d	3	✓	25.0	25.4	101.5
cal 4 mdq.d	4	✓	50.0	49.8	99.6
cal 5 mdq.d	5	✓	100.0	100.7	100.7
cal 6 mdq.d	6	✓	250.0	260.6	104.2
cal 7 mdq.d	7	✓	500.0	506.8	101.4
cal 8 mdq.d	8	✓	1000.0	975.3	97.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Last Cal. Update 1/13/2022 9:25 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq.d	1	✓	5.0	4.7	94.4
cal 2 mdq.d	2	✓	10.0	10.6	106.0
cal 3 mdq.d	3	✓	25.0	27.1	108.3
cal 4 mdq.d	4	✓	50.0	54.6	109.3
cal 5 mdq.d	5	✓	100.0	104.5	104.5
cal 6 mdq.d	6	✓	250.0	236.1	94.4
cal 7 mdq.d	7	✓	500.0	414.6	82.9
cal 8 mdq.d	8	✗	1000.0	683.4	68.3

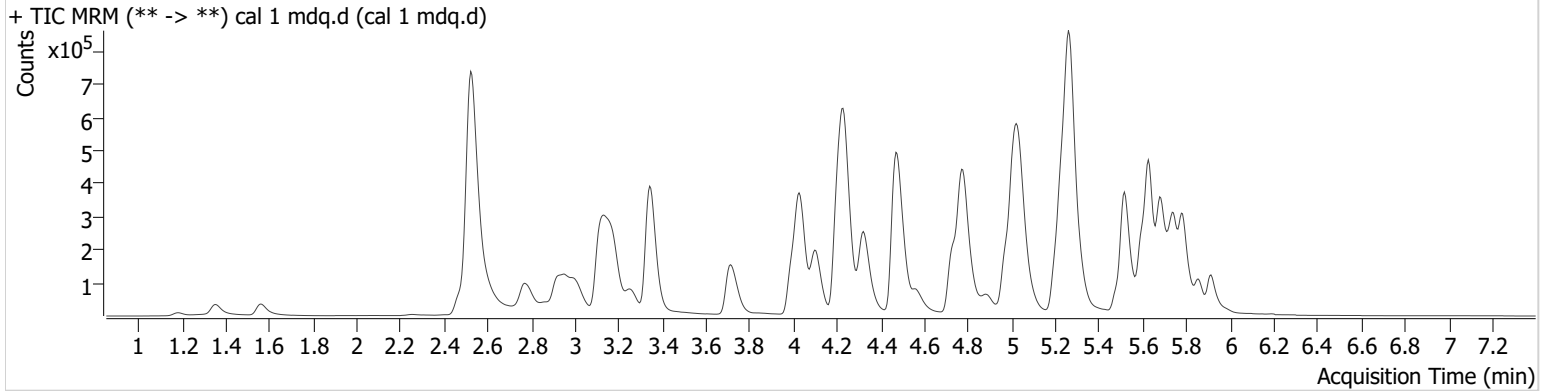
cal 8 dropped due to accuracy

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument 69679 Data File cal 1 mdq.d
Type Cal Sample cal 1 mdq.d
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-A5 Comment
Injection Volume 3
Acq. Date-Time 1/12/2022 3:53:16 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	1343	∞	103.8	4157.3	68148	0.505 ng/ml
7-aminoclonazepam	4.243	24990	∞	70.3	39672.9	192195	4.902 ng/ml
a-hydroxyalprazolam	5.677	3862	2414.0	52.0	∞	569587	4.862 ng/ml
alpha-PHP	4.897	58318	23834.1	40.8	∞	409069	5.125 ng/ml
alpha-PVP	4.332	75185	739934.9	57.0	4068.8	666741	5.025 ng/ml
Alprazolam	5.746	35985	594.5	97.2	∞	261984	5.156 ng/ml
Amphetamine	3.006	52717	2337.9	255.5	7889.5	409069	4.719 ng/ml
Benzoylcegonine	3.866	767	50.3	69.9	∞	5199	4.709 ng/ml
Buprenorphine	5.633	2927	1212.4	13.8	325.8	88666	0.562 ng/ml
Bupropion	4.751	69006	693201.0	73.1	1165.8	664222	5.008 ng/ml
Carisoprodol	5.706	21809	6446.3	71.0	529.6	185128	5.067 ng/ml
Citalopram	5.206	59813	1393.6	34.5	30880.1	517124	5.098 ng/ml
Clonazepam	5.594	20564	∞	36.0	6777.2	78556	4.875 ng/ml
Clonazolam	5.540	20979	∞	45.2	38539.6	569587	5.165 ng/ml
Cocaine	4.236	56872	79065.9	51.9	209001.5	968409	4.981 ng/ml
Codeine	2.542	8175	29746.2	90.8	120486.5	72456	4.703 ng/ml
Cyclobenzaprine	5.601	74861	79402.9	7.9	997260.1	469331	4.968 ng/ml
Dextromethorphan	5.240	46839	21315.7	70.2	34684.3	436206	5.345 ng/ml
Dextrophan	4.104	50613	269409.0	41.7	160259.1	509309	5.063 ng/ml
Diazepam	5.919	25704	33609.9	90.9	∞	256947	5.020 ng/ml
Dihydrocodeine	2.511	19828	1290.6	60.4	996.7	246333	4.722 ng/ml
Diphenhydramine	5.272	189687	9104.1	30.6	∞	1936149	5.080 ng/ml
Doxylamine	4.491	197013	670561.6	73.0	16660.1	1516530	4.996 ng/ml
EDDP	5.234	77958	84683.9	41.4	∞	802554	5.118 ng/ml
Etizolam	5.786	17991	41858.4	20.9	11401.2	256947	4.918 ng/ml
Fentanyl	5.056	6018	∞	121.3	∞	680029	0.525 ng/ml
Flualprazolam	5.682	16049	1991.9	96.5	∞	261984	5.021 ng/ml
Fluoxetine	5.683	76417	∞	7.9	15297.0	506426	5.009 ng/ml
Hydrocodone	2.993	22456	1380.2	35.7	∞	251466	4.987 ng/ml
Hydromorphone	1.567	14404	∞	77.7	2216.4	109591	5.067 ng/ml
Ketamine	4.012	53098	168044.6	36.0	1558.9	519116	4.956 ng/ml
Lamotrigine	4.259	4916	941.7	93.4	∞	261984	4.822 ng/ml
Levetiracetam	2.610	19124	851.5	223.5	2594.8	802554	5.206 ng/ml

AM #28 Multi-Drug Quant. Results

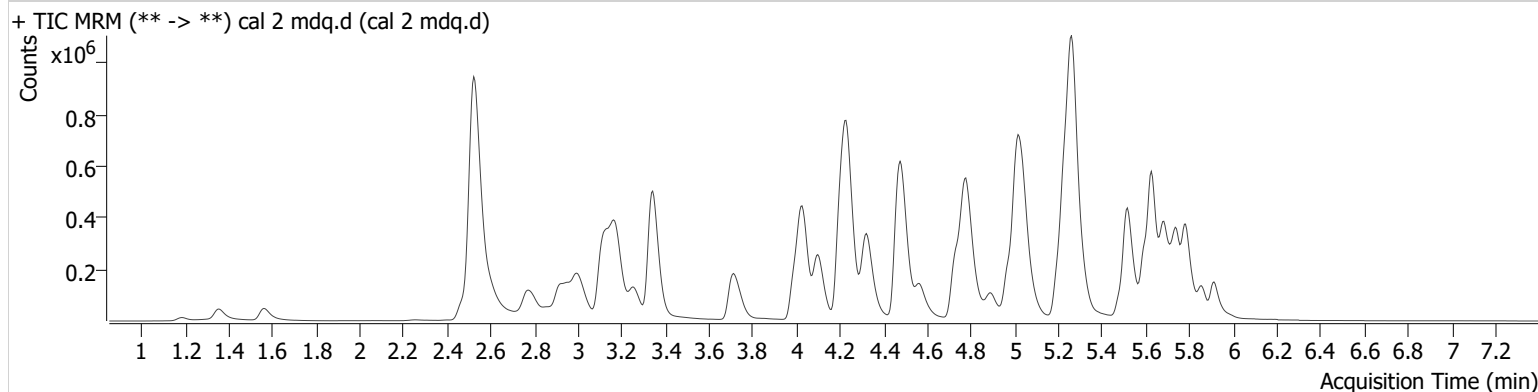
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	13855	∞	45.7	1654.3	213269	4.873 ng/ml
MDA	3.173	70479	15809.5	24.9	348.9	432666	4.793 ng/ml
MDMA	3.266	52181	∞	97.9	2109.9	112586	4.921 ng/ml
Meprobamate	4.897	13823	11609.4	32.9	∞	185128	5.083 ng/ml
Methadone	5.631	96666	607300.0	59.7	1332.2	901688	5.065 ng/ml
Methamphetamine	3.180	186507	2447.7	37.9	7616.8	916610	4.791 ng/ml
Metoprolol	4.300	12157	436856.2	106.5	∞	432666	5.239 ng/ml
Mirtazapine	4.564	122038	40777.6	47.2	262031.6	901688	5.160 ng/ml
Mitragynine	5.190	22680	73395.2	31.2	57527.3	20157	5.391 ng/ml
Morphine	1.191	2533	414.7	16.5	82.8	7671	4.927 ng/ml
Norbuprenorphine	4.977	508	958.9	122.6 High	657.0	20157	0.146 ng/ml
Nordiazepam	5.862	23776	∞	64.2	∞	168045	4.908 ng/ml
Norfentanyl	4.053	4251	356.2	37.1	3185.2	989698	0.518 ng/ml
Noroxycodone	2.884	16043	1792.0	46.9	1879.8	105419	4.987 ng/ml
O-desmethyl-tramadol	3.348	121657	214835.4	5.9	1523.5	1179963	5.019 ng/ml
Oxazepam	5.731	27079	1429.6	70.6	778.8	213269	4.779 ng/ml
Oxycodone	2.802	43722	∞	29.2	∞	391060	4.928 ng/ml
Oxymorphone	1.359	18569	∞	44.6	∞	127551	4.944 ng/ml
Phentermine	3.750	20930	676.3	10.3	321.5	532791	4.766 ng/ml
Promethazine	5.517	90886	675747.9	45.7	3799.8	908290	5.158 ng/ml
Pseudoephedrine	2.534	264311	∞	24.7	5493.4	2565295	5.068 ng/ml
Quetiapine	5.493	64238	119995.6	64.3	∞	197077	4.931 ng/ml
Sertraline	5.746	26791	5836.7	102.4	155164.3	225327	5.028 ng/ml
Temazepam	5.788	61553	8585.6	27.5	1239.3	569587	5.837 ng/ml
Tramadol	4.217	131605	∞	3.9	492.3	1241167	4.893 ng/ml
Trazodone	5.014	73681	7897.8	80.6	32759.1	670275	4.798 ng/ml
Venlafaxine	5.015	88203	107208.5	38.1	1577.7	1332823	6.417 ng/ml
Zolpidem	4.796	133847	1068111.0	28.6	50510.1	1203469	5.069 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument 69679 **Data File** cal 2 mdq.d
Type Cal **Sample** cal 2 mdq.d
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-B5 **Comment**
Injection Volume 3
Acq. Date-Time 1/12/2022 4:02:17 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.109	2909	5812.9	120.5	8203.6	80104	0.968 ng/ml
7-aminoclonazepam	4.243	54579	168853.9	68.4	3209.5	203324	10.364 ng/ml
a-hydroxyalprazolam	5.672	7952	1956.8	60.1	∞	636221	9.854 ng/ml
alpha-PHP	4.897	134793	4783.4	41.4	550935.0	472681	9.995 ng/ml
alpha-PVP	4.332	179386	9695.9	54.7	12630.2	777911	9.949 ng/ml
Alprazolam	5.746	84646	∞	89.9	∞	306769	10.014 ng/ml
Amphetamine	3.001	117270	4508.8	248.5	22967.6	472681	10.719 ng/ml
Benzoylcegonine	3.866	1983	2778.8	61.0	1071.5	5707	11.715 ng/ml
Buprenorphine	5.633	6201	5501.9	12.1	∞	100307	1.055 ng/ml
Bupropion	4.746	158480	∞	72.5	10020.0	768551	9.946 ng/ml
Carisoprodol	5.706	51798	253560.2	64.1	1630.9	220733	9.928 ng/ml
Citalopram	5.206	124268	2337.4	39.0	37907.3	574148	9.601 ng/ml
Clonazepam	5.594	47655	∞	32.8	9423.2	90097	10.269 ng/ml
Clonazepam	5.535	50733	38167.3	40.7	51248.8	636221	9.786 ng/ml
Cocaine	4.236	129404	∞	49.8	160713.7	1101489	10.118 ng/ml
Codeine	2.542	18183	448606.0	93.7	11098.7	81554	10.790 ng/ml
Cyclobenzaprine	5.601	140433	161462.5	8.2	∞	442332	10.055 ng/ml
Dextromethorphan	5.240	95659	20788930.1	76.4	90476.1	465851	10.050 ng/ml
Dextrophan	4.104	115765	120111.9	45.2	256099.1	597422	9.764 ng/ml
Diazepam	5.919	55132	∞	88.8	192088.2	276569	9.891 ng/ml
Dihydrocodeine	2.506	44815	2887.4	59.9	1278.1	281134	10.603 ng/ml
Diphenhydramine	5.267	418839	33973.3	32.0	∞	2169911	9.893 ng/ml
Doxylamine	4.491	429347	9203739.3	72.0	87222.2	1674723	9.986 ng/ml
EDDP	5.234	191618	989702.2	44.6	83581.9	1042835	9.645 ng/ml
Etizolam	5.786	39325	228694.3	23.2	27420.5	276569	10.152 ng/ml
Fentanyl	5.056	11853	8952.8	124.0	21905.1	707292	0.931 ng/ml
Flualprazolam	5.682	36059	∞	101.6	6504.4	306769	9.837 ng/ml
Fluoxetine	5.683	109814	158048.8	6.8	22408.2	380325	10.106 ng/ml
Hydrocodone	2.987	51057	∞	38.8	1268.4	299292	9.780 ng/ml
Hydromorphone	1.572	33715	∞	75.0	1267.5	123928	9.877 ng/ml
Ketamine	4.007	120490	1032394.0	37.3	1725.5	596521	10.140 ng/ml
Lamotrigine	4.254	11647	38550.8	92.1	51241.8	306769	10.139 ng/ml
Levetiracetam	2.605	40242	3962.2	223.1	5928.0	1042835	9.101 ng/ml

AM #28 Multi-Drug Quant. Results

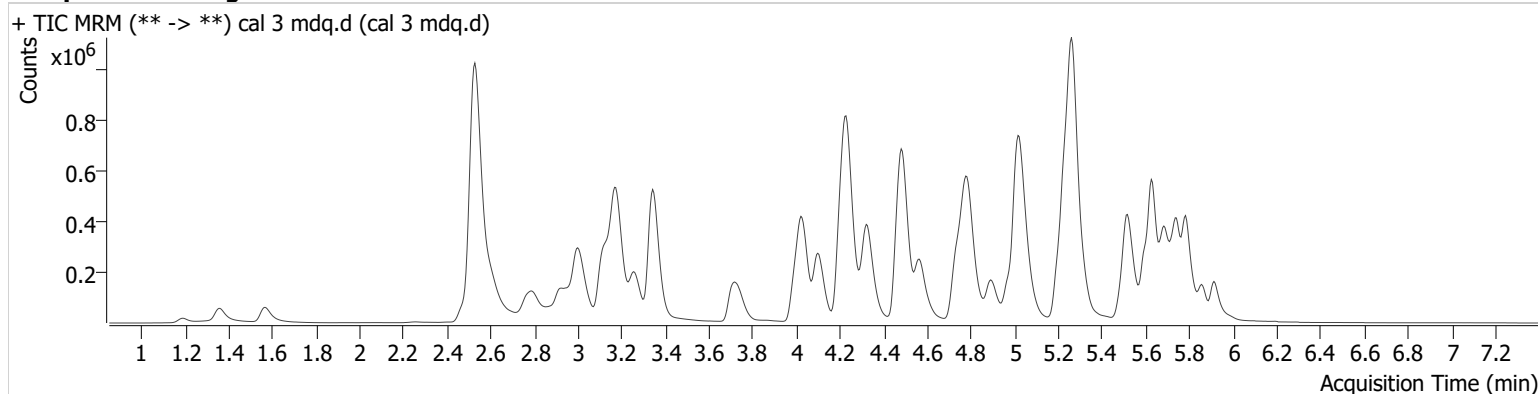
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	29258	∞	45.6	∞	225037	10.436 ng/ml
MDA	3.168	153722	∞	27.6	2070.0	486736	10.384 ng/ml
MDMA	3.261	123728	26718.0	93.1	9154.4	129574	10.227 ng/ml
Meprobamate	4.897	33652	85777.8	32.0	770.0	220733	9.953 ng/ml
Methadone	5.631	221984	190210.2	59.1	916379.0	1025743	9.997 ng/ml
Methamphetamine	3.180	345697	∞	38.9	∞	1053467	10.547 ng/ml
Metoprolol	4.300	29238	75588.8	99.5	∞	486736	9.796 ng/ml
Mirtazapine	4.569	254225	13045.9	48.0	128668.8	1025743	9.438 ng/ml
Mitragynine	5.185	50816	90088.6	32.5	19077.1	22914	10.687 ng/ml
Morphine	1.191	5194	259.7	16.7	174.8	8466	10.015 ng/ml
Norbuprenorphine	4.982	1252	126.4	76.6	987.1	22914	0.879 ng/ml
Nordiazepam	5.862	49330	∞	61.2	125484.3	179772	10.061 ng/ml
Norfentanyl	4.053	9811	2074.9	38.5	5567.6	1146723	0.987 ng/ml
Noroxycodone	2.884	35761	∞	47.3	∞	121907	10.056 ng/ml
O-desmethyl-tramadol	3.348	277014	99896.6	6.1	2983.5	1393505	9.940 ng/ml
Oxazepam	5.731	59876	2665.3	67.2	∞	225037	10.561 ng/ml
Oxycodone	2.796	98679	∞	29.5	∞	442330	10.201 ng/ml
Oxymorphone	1.359	42458	∞	43.0	∞	146460	10.127 ng/ml
Phentermine	3.745	49761	4873.9	10.2	867.5	618712	10.560 ng/ml
Promethazine	5.517	173296	759654.7	44.6	6579.9	914306	9.666 ng/ml
Pseudoephedrine	2.534	601888	∞	24.5	∞	2969743	9.892 ng/ml
Quetiapine	5.493	129664	251534.6	64.7	118583.2	206777	9.980 ng/ml
Sertraline	5.746	29224	∞	102.2	∞	126976	10.080 ng/ml
Temazepam	5.788	134649	4701.3	27.5	433.6	636221	10.485 ng/ml
Tramadol	4.217	295873	30183.1	3.6	480.4	1436821	10.215 ng/ml
Trazodone	5.019	156562	100540.8	81.4	∞	704178	10.429 ng/ml
Venlafaxine	5.015	199089	∞	39.1	4168.1	1537067	10.564 ng/ml
Zolpidem	4.796	295587	∞	29.6	∞	1375507	9.797 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument 69679 **Data File** cal 3 mdq.d
Type Cal **Sample** cal 3 mdq.d
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-C5 **Comment**
Injection Volume 3
Acq. Date-Time 1/12/2022 4:11:20 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	6439	41532.1	126.1	16982.0	67496	2.617 ng/ml
7-aminoclonazepam	4.243	103524	2557.7	68.4	∞	162885	24.853 ng/ml
a-hydroxyalprazolam	5.672	17015	∞	54.5	∞	514509	27.813 ng/ml
alpha-PHP	4.897	264988	8672373.5	40.8	18301.7	408667	22.399 ng/ml
alpha-PVP	4.327	368755	82421484.9	54.0	38453.7	623686	25.019 ng/ml
Alprazolam	5.746	162070	2297.2	94.5	2750.4	238120	24.203 ng/ml
Amphetamine	3.001	236158	33285.6	245.7	14330.0	408667	27.313 ng/ml
Benzoylcegonine	3.871	3564	∞	63.2	140.7	5474	22.353 ng/ml
Buprenorphine	5.633	11113	151816.3	13.9	13163.7	73924	2.571 ng/ml
Bupropion	4.746	317739	28621.8	73.4	19178.3	615683	24.901 ng/ml
Carisoprodol	5.706	103732	627685.8	67.4	69646.5	178222	24.378 ng/ml
Citalopram	5.206	250312	2500.9	37.0	41954.6	446397	24.986 ng/ml
Clonazepam	5.594	96327	266176.1	34.3	∞	73333	26.108 ng/ml
Clonazepam	5.540	106045	110155.6	39.0	53116.1	514509	23.398 ng/ml
Cocaine	4.231	258512	324659.9	50.9	201189.7	904609	24.834 ng/ml
Codeine	2.542	35350	∞	95.3	54172.1	70051	26.359 ng/ml
Cyclobenzaprine	5.601	224999	15260.1	8.5	∞	284219	25.325 ng/ml
Dextromethorphan	5.240	171523	41595.3	77.4	749692.5	347912	23.863 ng/ml
Dextrorphan	4.104	244159	19485.9	43.9	284096.2	492953	24.779 ng/ml
Diazepam	5.919	108396	9453.6	85.0	5126.6	209179	25.530 ng/ml
Dihydrocodeine	2.511	91363	477.2	60.1	900.6	240073	27.085 ng/ml
Diphenhydramine	5.267	800354	17600.9	31.4	87143.3	1677521	24.275 ng/ml
Doxylamine	4.491	820403	148630.4	74.1	41520.4	1280638	25.147 ng/ml
EDDP	5.234	373982	781427.1	44.3	3328.2	797188	24.558 ng/ml
Etizolam	5.781	75729	173607.2	24.7	29015.6	209179	26.095 ng/ml
Fentanyl	5.056	20951	∞	118.9	51826.6	460771	2.405 ng/ml
Flualprazolam	5.682	70060	1449.8	100.5	1448.1	238120	24.952 ng/ml
Fluoxetine	5.683	158660	737809.1	7.4	20449.6	233488	24.555 ng/ml
Hydrocodone	2.987	109517	∞	36.6	8725167878	241788	26.428 ng/ml
					54963.0		
Hydromorphone	1.572	73282	∞	78.6	3027.0	105801	24.264 ng/ml
Ketamine	4.012	241363	409534.8	37.1	7079.8	492531	25.115 ng/ml
Lamotrigine	4.259	24164	59359.8	90.4	66107.0	238120	27.729 ng/ml



AM #28 Multi-Drug Quant. Results

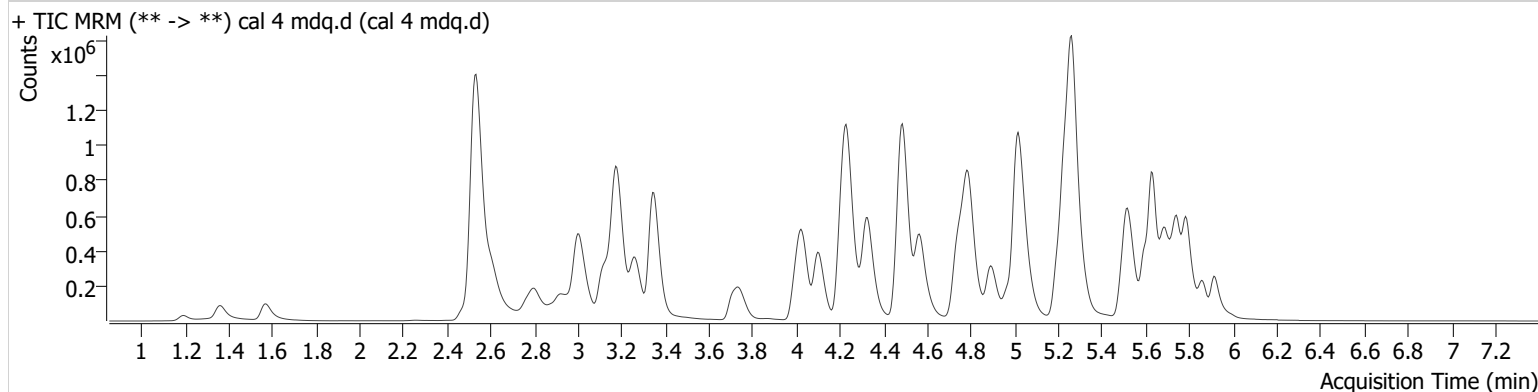
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.610	79897	9462.4	231.0	28396.0	797188	25.363 ng/ml
Lorazepam	5.724	57957	∞	49.6	2485.0	185677	26.013 ng/ml
MDA	3.168	317571	50664.3	27.9	1882.5	414761	26.830 ng/ml
MDMA	3.261	249650	∞	95.9	17079.1	105042	25.576 ng/ml
Meprobamate	4.897	67926	416803.7	30.5	807.5	178222	24.272 ng/ml
Methadone	5.631	383698	∞	61.2	6590.7	735302	23.788 ng/ml
Methamphetamine	3.180	582859	∞	39.4	2536.6	889064	25.662 ng/ml
Metoprolol	4.294	57837	101997.6	100.7	∞	414761	21.110 ng/ml
Mirtazapine	4.569	482389	389471.5	48.5	∞	735302	24.958 ng/ml
Mitragynine	5.185	89833	150905.8	31.3	35426.7	16727	25.972 ng/ml
Morphine	1.196	11092	471.5	17.0	477.9	7415	25.864 ng/ml
Norbuprenorphine	4.977	2308	∞	80.0	∞	16727	2.955 ng/ml
Nordiazepam	5.868	94859	∞	62.6	∞	135008	26.663 ng/ml
Norfentanyl	4.053	19114	1760.4	41.5	∞	952106	2.257 ng/ml
Noroxycodone	2.879	74084	∞	48.2	∞	104667	24.937 ng/ml
O-desmethyl-tramadol	3.348	565282	224759.7	6.3	8507.9	1148838	25.024 ng/ml
Oxazepam	5.731	118059	2820.6	69.6	623.5	185677	25.931 ng/ml
Oxycodone	2.796	204693	∞	29.6	∞	378732	25.240 ng/ml
Oxymorphone	1.359	91286	∞	44.6	∞	128073	25.315 ng/ml
Phentermine	3.745	100871	1841.4	10.3	1495.6	517543	26.681 ng/ml
Promethazine	5.517	279033	569253.9	44.4	3462.4	583564	24.209 ng/ml
Pseudoephedrine	2.534	1240790	∞	24.8	∞	2463489	24.464 ng/ml
Quetiapine	5.493	252773	198588.6	63.3	269722.1	160134	25.935 ng/ml
Sertraline	5.746	45270	102061.9	103.8	∞	84469	23.965 ng/ml
Temazepam	5.788	265505	14797.6	27.5	∞	514509	24.143 ng/ml
Tramadol	4.217	590012	51543.2	3.7	1051.9	1182949	25.817 ng/ml
Trazodone	5.014	277314	8841.9	82.0	1250211.0	511044	26.474 ng/ml
Venlafaxine	5.015	398800	266914.1	39.4	5864.4	1244793	23.059 ng/ml
Zolpidem	4.791	600122	35185.0	29.5	∞	1106538	24.729 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument 69679 **Data File** cal 4 mdq.d
Type Cal **Sample** cal 4 mdq.d
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-D5 **Comment**
Injection Volume 3
Acq. Date-Time 1/12/2022 4:20:22 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	12235	∞	123.8	35246.2	68726	4.922 ng/ml
7-aminoclonazepam	4.243	194636	4141.9	69.0	10232.9	150268	50.888 ng/ml
a-hydroxyalprazolam	5.672	33582	∞	54.7	1872.7	512772	56.115 ng/ml
alpha-PHP	4.892	561003	36862.9	40.4	∞	403502	47.734 ng/ml
alpha-PVP	4.332	748180	911526.9	55.2	18222.9	641226	49.068 ng/ml
Alprazolam	5.746	341388	270491.7	92.3	∞	244820	49.231 ng/ml
Amphetamine	3.006	434886	10012.4	244.0	∞	403502	52.468 ng/ml
Benzoylcegonine	3.871	8235	26499.0	50.7	266.2	5909	48.368 ng/ml
Buprenorphine	5.633	21488	∞	14.9	1362.0	81168	4.530 ng/ml
Bupropion	4.746	672183	100998.1	71.8	13143.8	639005	50.761 ng/ml
Carisoprodol	5.706	205532	224547.8	64.3	∞	178528	48.056 ng/ml
Citalopram	5.201	510184	8718.7	37.5	18352.1	454337	50.107 ng/ml
Clonazepam	5.594	192965	∞	36.6	218461.7	75432	51.234 ng/ml
Clonazepam	5.540	212776	888463.5	40.0	173352.5	512772	45.892 ng/ml
Cocaine	4.236	524548	296892.1	50.9	∞	910752	50.209 ng/ml
Codeine	2.542	69016	3561865.1	92.2	10111.3	69428	53.410 ng/ml
Cyclobenzaprine	5.601	421465	125610.3	8.4	∞	267957	50.484 ng/ml
Dextromethorphan	5.240	364584	7855.3	75.5	∞	354999	49.505 ng/ml
Dextrophan	4.104	503214	26559.5	43.7	1960941.6	493721	50.869 ng/ml
Diazepam	5.919	230981	6653.4	87.7	4385.9	231978	48.952 ng/ml
Dihydrocodeine	2.511	182991	6021.7	62.1	3253.5	243857	54.647 ng/ml
Diphenhydramine	5.267	1653385	81768.8	31.4	343317.0	1746687	48.044 ng/ml
Doxylamine	4.491	1724470	278634.2	73.6	717068.4	1361333	49.851 ng/ml
EDDP	5.234	811771	45736.4	43.0	∞	859274	49.412 ng/ml
Etizolam	5.786	160417	∞	23.7	865964.2	231978	49.989 ng/ml
Fentanyl	5.050	44104	∞	105.6	∞	488168	4.708 ng/ml
Flualprazolam	5.682	143685	1575.2	101.4	∞	244820	49.993 ng/ml
Fluoxetine	5.683	248275	325218.7	6.8	12567.1	186437	48.668 ng/ml
Hydrocodone	2.993	217289	∞	36.5	∞	247505	51.486 ng/ml
Hydromorphone	1.572	157795	∞	74.2	2829.0	108839	50.164 ng/ml
Ketamine	4.012	496452	106313.8	37.3	6272.8	510794	50.166 ng/ml
Lamotrigine	4.264	47797	∞	87.7	98388.7	244820	53.696 ng/ml
Levetiracetam	2.610	165696	6034.4	224.3	13636.9	859274	49.799 ng/ml

AM #28 Multi-Drug Quant. Results

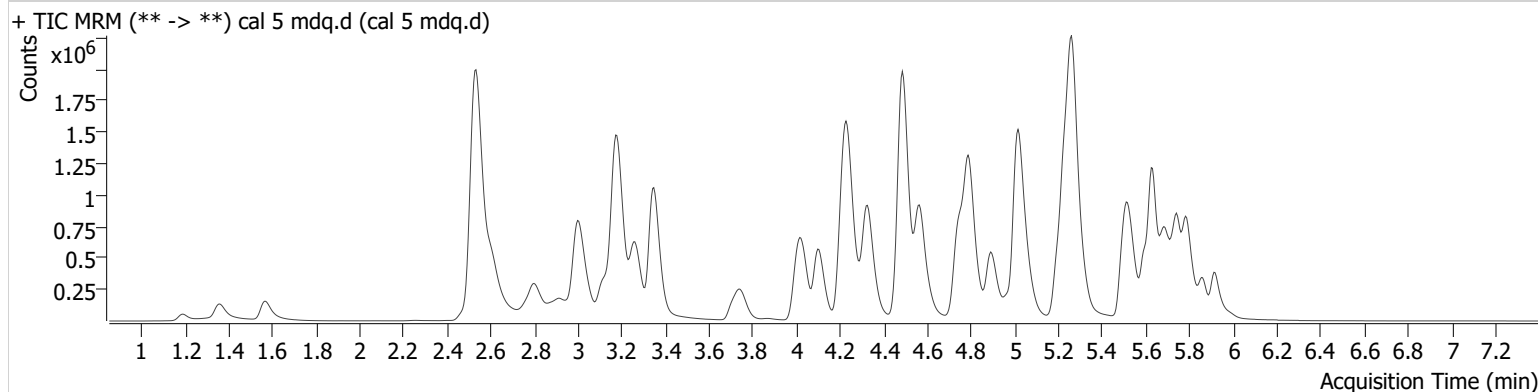
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	101761	∞	45.9	3276.7	169315	50.719 ng/ml
MDA	3.168	583570	19931.2	27.9	8732.2	388567	53.744 ng/ml
MDMA	3.261	510339	∞	94.8	47506.5	110226	49.902 ng/ml
Meprobamate	4.897	131256	169838.5	32.1	96268.7	178528	46.442 ng/ml
Methadone	5.631	841262	1166854.4	59.5	39044.2	781251	48.850 ng/ml
Methamphetamine	3.180	1138820	220072.2	39.5	26184.9	914292	52.898 ng/ml
Metoprolol	4.294	121123	∞	97.1	∞	388567	45.666 ng/ml
Mirtazapine	4.564	990633	186936.4	48.2	652004.9	781251	48.226 ng/ml
Mitragynine	5.185	185054	509219.3	31.1	51636.4	18764	47.747 ng/ml
Morphine	1.196	22316	230.1	17.0	236.8	7566	51.973 ng/ml
Norbuprenorphine	4.977	3745	11292.7	95.5	1444.2	18764	4.490 ng/ml
Nordiazepam	5.868	195477	∞	63.6	164862.8	147955	50.645 ng/ml
Norfentanyl	4.053	41070	150408.7	37.6	147159.0	985592	4.636 ng/ml
Noroxycodone	2.884	146882	∞	46.7	∞	104249	50.113 ng/ml
O-desmethyl-tramadol	3.348	1166326	144858.1	6.2	∞	1201010	49.665 ng/ml
Oxazepam	5.731	222055	10548.0	67.8	2011.7	169315	54.018 ng/ml
Oxycodone	2.802	430028	∞	28.7	∞	395281	51.179 ng/ml
Oxymorphone	1.364	188664	∞	44.2	∞	132309	50.930 ng/ml
Phentermine	3.750	201144	2766.5	10.2	2763.6	528586	52.822 ng/ml
Promethazine	5.517	530518	476178.8	44.9	62646.2	577627	46.393 ng/ml
Pseudoephedrine	2.539	2474926	∞	24.8	∞	2475094	48.490 ng/ml
Quetiapine	5.493	519770	10323122.5	64.4	∞	163708	52.706 ng/ml
Sertraline	5.746	63683	∞	98.0	∞	57517	49.905 ng/ml
Temazepam	5.788	522932	18685.9	27.7	2669.8	512772	46.747 ng/ml
Tramadol	4.217	1206031	67185.2	3.7	3430.3	1222390	51.809 ng/ml
Trazodone	5.014	579572	397899.0	80.3	∞	537680	53.288 ng/ml
Venlafaxine	5.015	846647	112703.1	38.0	38454.5	1306613	44.506 ng/ml
Zolpidem	4.791	1247235	6522896.3	29.5	1067484.3	1162591	48.920 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument 69679 **Data File** cal 5 mdq.d
Type Cal **Sample** cal 5 mdq.d
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-E5 **Comment**
Injection Volume 3
Acq. Date-Time 1/12/2022 4:29:24 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	22560	10423.1	134.4	∞	66002	9.491 ng/ml
7-aminoclonazepam	4.243	337418	8667.8	70.5	5948.8	132678	100.138 ng/ml
a-hydroxyalprazolam	5.672	55296	5887.4	56.0	23290.7	446288	107.103 ng/ml
alpha-PHP	4.892	1037804	∞	41.3	364467.0	363896	97.643 ng/ml
alpha-PVP	4.327	1424135	1329118.9	54.2	46572.9	607779	98.222 ng/ml
Alprazolam	5.746	618623	2952.0	92.4	1878.8	220130	98.871 ng/ml
Amphetamine	3.006	734595	164893.9	257.6	∞	363896	99.815 ng/ml
Benzoylcegonine	3.871	14310	∞	55.4	1202.7	5494	90.797 ng/ml
Buprenorphine	5.633	38616	77226.8	14.1	11786.9	71218	9.282 ng/ml
Bupropion	4.746	1264236	76831.7	71.7	27073.4	613038	99.520 ng/ml
Carisoprodol	5.706	355167	370477.6	64.0	4889.4	152955	96.757 ng/ml
Citalopram	5.201	889928	45897.2	38.9	334382.3	397824	99.890 ng/ml
Clonazepam	5.594	326101	∞	35.5	133701.7	63828	102.732 ng/ml
Clonazepam	5.535	383279	38752.8	40.6	381777.8	446288	93.701 ng/ml
Cocaine	4.236	979973	∞	51.4	∞	875891	97.680 ng/ml
Codeine	2.542	121988	20460.4	92.0	1287960051 20344.0	61824	107.525 ng/ml
Cyclobenzaprine	5.601	661554	125394.7	8.5	617825.5	210514	101.034 ng/ml
Dextromethorphan	5.240	641928	485135.1	74.9	710749.9	313270	98.586 ng/ml
Dextrorphan	4.104	943995	969673.0	43.0	186002.6	478388	98.379 ng/ml
Diazepam	5.919	437972	19600.1	87.6	2690.8	217110	99.060 ng/ml
Dihydrocodeine	2.506	340014	10511.1	61.1	4283.3	239445	104.549 ng/ml
Diphenhydramine	5.267	3016355	120065.5	31.4	21199.8	1581105	96.706 ng/ml
Doxylamine	4.486	3481183	7949562.4	74.9	655133.3	1367193	100.334 ng/ml
EDDP	5.234	1450180	64170.2	42.4	1568285.6	785907	96.472 ng/ml
Etizolam	5.786	304439	∞	24.0	69832.3	217110	101.529 ng/ml
Fentanyl	5.050	72749	102255.3	116.0	132135.1	409863	9.181 ng/ml
Flualprazolam	5.677	276926	5560.9	94.7	3963.4	220130	107.410 ng/ml
Fluoxetine	5.683	345258	∞	6.9	∞	131009	96.871 ng/ml
Hydrocodone	2.987	398411	∞	37.2	∞	236415	99.086 ng/ml
Hydromorphone	1.572	287499	∞	79.1	∞	105319	93.948 ng/ml
Ketamine	4.012	945858	∞	36.9	29664.1	484598	101.109 ng/ml
Lamotrigine	4.259	78283	7648.7	96.3	998340.5	220130	98.117 ng/ml

AM #28 Multi-Drug Quant. Results

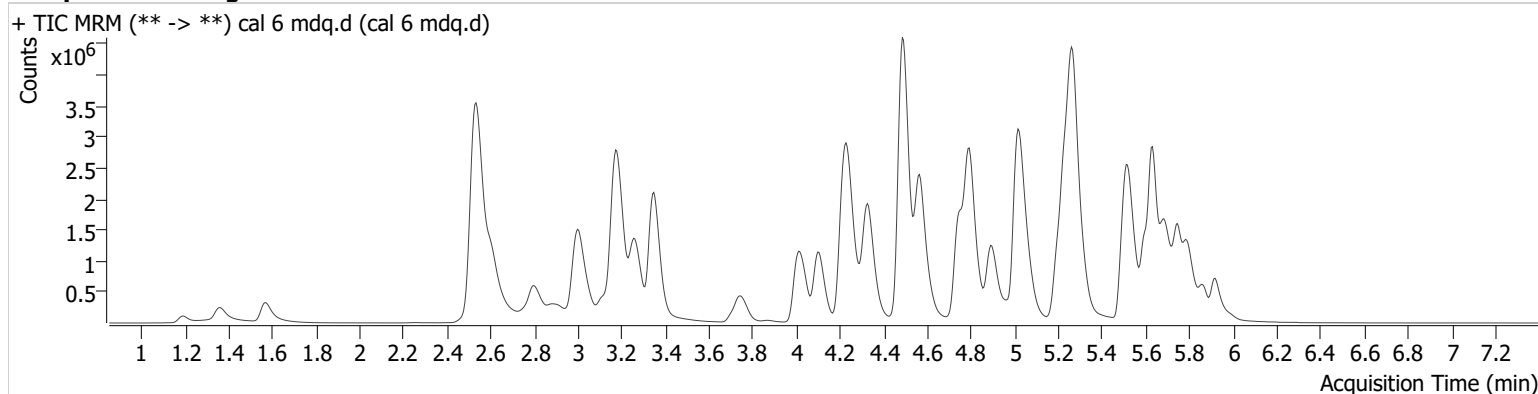
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.610	303160	9791.3	225.4	25345.4	785907	100.699 ng/ml
Lorazepam	5.719	150397	∞	45.5	∞	132955	96.062 ng/ml
MDA	3.168	937230	57410.2	27.4	6892.6	324719	104.356 ng/ml
MDMA	3.261	943583	330736.7	95.3	86301.3	102062	99.728 ng/ml
Meprobamate	4.897	231884	563481.2	31.4	17089.1	152955	95.331 ng/ml
Methadone	5.631	1540551	30311.1	58.7	5706573.5	718881	96.995 ng/ml
Methamphetamine	3.180	2228671	20671.2	39.3	45044.8	882794	111.941 ng/ml
Metoprolol	4.300	219950	∞	99.6	∞	324719	97.783 ng/ml
Mirtazapine	4.564	1904545	94847.5	48.2	1050550.3	718881	100.747 ng/ml
Mitragynine	5.185	316299	452104.4	30.9	164401.0	17945	85.386 ng/ml
Morphine	1.191	44469	293.4	16.8	248.0	7404	106.872 ng/ml
Norbuprenorphine	4.977	7737	∞	87.9	13326.7	17945	10.258 ng/ml
Nordiazepam	5.862	362048	∞	62.2	∞	137827	101.265 ng/ml
Norfentanyl	4.053	76277	10278.1	40.6	57054.1	923681	9.143 ng/ml
Noroxycodone	2.884	264292	∞	47.5	∞	94304	100.152 ng/ml
O-desmethyl-tramadol	3.348	2239316	307928.4	6.3	50618.7	1157206	99.248 ng/ml
Oxazepam	5.726	331856	745553.1	69.2	5422.1	132955	103.257 ng/ml
Oxycodone	2.802	827496	∞	29.3	∞	388040	100.675 ng/ml
Oxymorphone	1.359	361003	∞	44.7	∞	127402	101.488 ng/ml
Phentermine	3.750	368202	4900.1	9.9	2150.0	497994	103.354 ng/ml
Promethazine	5.517	897844	∞	43.0	10177.2	473379	95.683 ng/ml
Pseudoephedrine	2.534	4589844	∞	24.6	27040.1	2283269	97.401 ng/ml
Quetiapine	5.493	985818	1418538.1	65.5	3696253.4	157539	104.397 ng/ml
Sertraline	5.751	92287	∞	99.1	522324.1	43206	96.621 ng/ml
Temazepam	5.788	899233	17393.3	27.7	4205.8	446288	91.398 ng/ml
Tramadol	4.217	2264324	182964.8	3.7	2685.5	1168260	102.509 ng/ml
Trazodone	5.014	1016624	105300.6	78.7	13970.2	476260	106.222 ng/ml
Venlafaxine	5.015	1615313	771202.4	38.1	12551.7	1212327	89.315 ng/ml
Zolpidem	4.791	2410912	1039585.7	28.9	1621045.8	1093258	100.561 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument	69679	Data File	cal 6 mdq.d
Type	Cal	Sample	cal 6 mdq.d
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F5	Comment	
Injection Volume	3		
Acq. Date-Time	1/12/2022 4:38:26 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	57361	7268.1	123.7	143926.4	61680	25.901 ng/ml
7-aminoclonazepam	4.248	665540	35324.3	74.2	8926.4	99569	263.569 ng/ml
a-hydroxyalprazolam	5.666	79907	54576.1	54.0	783.1	312631	222.065 ng/ml
alpha-PHP	4.892	2649456	89105.0	40.3	31006.7	345748	261.929 ng/ml
alpha-PVP	4.332	3511405	973795.4	53.8	126066.2	591332	248.436 ng/ml
Alprazolam	5.746	1303157	7378.2	93.2	∞	179122	255.420 ng/ml
Amphetamine	3.006	1462363	81803.1	250.3	164784.7	345748	211.066 ng/ml
Benzoylcegonine	3.871	41111	156932.4	53.8	1688.7	5530	260.008 ng/ml
Buprenorphine	5.633	96727	399359.3	15.0	9311.0	68806	24.071 ng/ml
Bupropion	4.746	3181374	7679473.5	71.2	144968.6	597323	257.034 ng/ml
Carisoprodol	5.706	632502	∞	63.0	40334.7	103396	254.628 ng/ml
Citalopram	5.201	2170451	44955.2	39.1	∞	381721	254.007 ng/ml
Clonazepam	5.594	518438	∞	34.8	514471.0	41964	248.996 ng/ml
Clonazepam	5.540	732966	24482.0	40.2	∞	312631	253.726 ng/ml
Cocaine	4.236	2281511	2669809.2	50.9	3480114.4	805334	247.573 ng/ml
Codeine	2.542	236773	10783.7	96.1	∞	52480	247.833 ng/ml
Cyclobenzaprine	5.601	2373114	117034.7	8.5	169503.0	309063	247.106 ng/ml
Dextromethorphan	5.240	1581169	471071.1	75.1	18445.7	299639	253.582 ng/ml
Dextrophan	4.104	2319196	502914.3	44.3	1096049.3	465538	248.192 ng/ml
Diazepam	5.919	1019481	∞	85.6	14070.0	201663	248.078 ng/ml
Dihydrocodeine	2.500	742907	4808.5	60.5	2664.6	233248	236.087 ng/ml
Diphenhydramine	5.272	7525474	1215570.8	30.9	73737.3	1522121	250.430 ng/ml
Doxylamine	4.486	8876283	340452.5	76.5	405789.2	1377497	254.115 ng/ml
EDDP	5.234	3474223	∞	42.9	∞	723328	251.046 ng/ml
Etizolam	5.781	685954	15527.1	23.2	89223.7	201663	246.514 ng/ml
Fentanyl	5.056	245126	455168.5	117.8	300664.1	512140	24.636 ng/ml
Flualprazolam	5.682	552189	2466.5	94.2	∞	179122	263.527 ng/ml
Fluoxetine	5.683	1375944	2007534.4	7.3	80524.2	199269	254.735 ng/ml
Hydrocodone	2.987	974838	∞	37.9	∞	226763	253.199 ng/ml
Hydromorphone	1.572	733609	∞	74.2	∞	95692	262.809 ng/ml
Ketamine	4.012	2337303	524953.4	37.1	73677.3	484169	250.603 ng/ml
Lamotrigine	4.264	175222	10426.7	87.7	216291.5	179122	270.553 ng/ml
Levetiracetam	2.610	717270	28432.6	222.9	135160.7	723328	260.562 ng/ml

AM #28 Multi-Drug Quant. Results

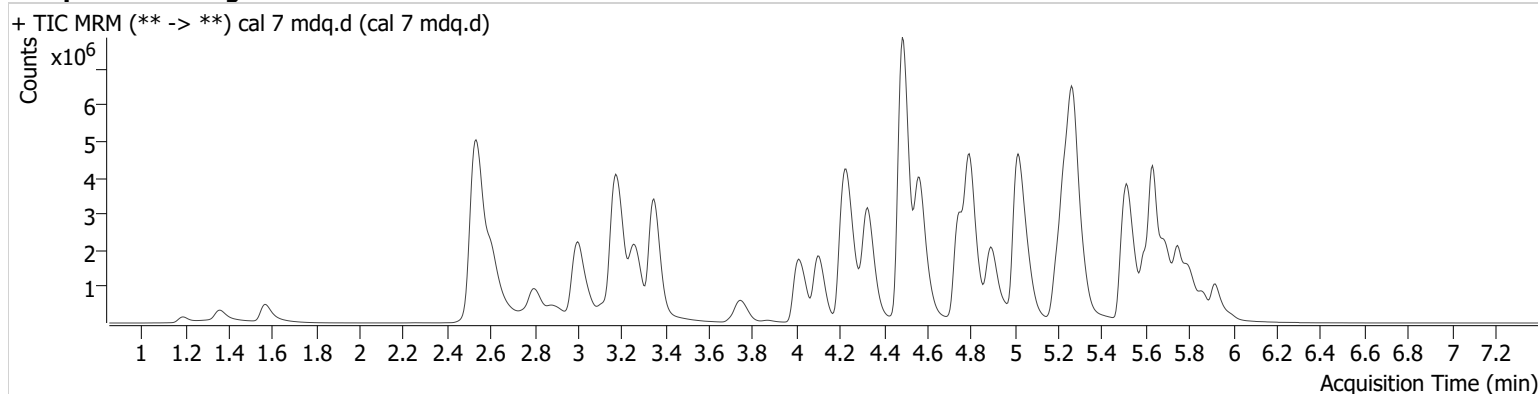
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	181177	∞	48.4	7917.6	66812	231.240 ng/ml
MDA	3.163	1704919	182683.5	25.9	30537.4	253406	244.806 ng/ml
MDMA	3.261	2238330	185818.4	94.4	1876106.3	94341	256.059 ng/ml
Meprobamate	4.903	429521	342803.8	29.7	448258.2	103396	260.512 ng/ml
Methadone	5.631	4406619	7030340.2	55.5	54352.2	796320	250.110 ng/ml
Methamphetamine	3.180	4829870	∞	38.8	∞	912700	239.690 ng/ml
Metoprolol	4.300	484899	63000051.7	98.1	∞	253406	273.986 ng/ml
Mirtazapine	4.569	5065365	160940.0	47.5	195199.6	796320	241.872 ng/ml
Mitragynine	5.185	916040	5247184.7	31.5	∞	17014	260.950 ng/ml
Morphine	1.191	100422	408.4	16.4	214.5	7007	256.409 ng/ml
Norbuprenorphine	4.977	17871	1068.5	97.5	∞	17014	25.683 ng/ml
Nordiazepam	5.868	740493	∞	63.4	∞	110941	258.201 ng/ml
Norfentanyl	4.053	194252	∞	38.6	∞	867671	24.710 ng/ml
Noroxycodone	2.884	621639	∞	46.3	∞	88823	250.818 ng/ml
O-desmethyl-tramadol	3.351	5645986	1523299.7	6.2	97179.7	1165786	248.820 ng/ml
Oxazepam	5.726	416590	∞	69.6	13070.5	66812	258.694 ng/ml
Oxycodone	2.796	1974885	∞	29.5	∞	375077	249.117 ng/ml
Oxymorphone	1.359	820843	∞	44.1	∞	117234	251.197 ng/ml
Phentermine	3.750	841567	16097.2	9.0	157648.1	488410	241.883 ng/ml
Promethazine	5.522	3395829	∞	41.3	78160.4	688139	248.765 ng/ml
Pseudoephedrine	2.534	10504695	∞	24.2	∞	2032822	250.259 ng/ml
Quetiapine	5.493	2572954	∞	62.8	∞	168605	255.360 ng/ml
Sertraline	5.746	400672	56771.8	99.0	642686.3	70996	255.893 ng/ml
Temazepam	5.793	1647542	34375.4	28.1	16985.5	312631	237.450 ng/ml
Tramadol	4.217	5439604	188478.0	3.6	3524.4	1157258	249.678 ng/ml
Trazodone	5.019	2715070	199644.3	80.5	31973.8	573040	236.638 ng/ml
Venlafaxine	5.018	4108700	149810.0	37.7	22309.1	1168553	232.275 ng/ml
Zolpidem	4.791	6113219	563870.9	28.2	1087026.4	1111393	250.831 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument 69679 **Data File** cal 7 mdq.d
Type Cal **Sample** cal 7 mdq.d
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-G5 **Comment**
Injection Volume 3
Acq. Date-Time 1/12/2022 4:47:28 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	98440	∞	130.9	∞	54121	50.701 ng/ml
7-aminoclonazepam	4.248	767271	25587.9	77.4	15280.2	58625	516.293 ng/ml
a-hydroxyalprazolam	5.666	102925	1041.9	52.3	555.0	196754	455.599 ng/ml
alpha-PHP	4.892	4833356	90199.0	39.9	64017.0	312740	528.003 ng/ml
alpha-PVP	4.327	6368978	309449.8	53.4	132262.9	530972	501.517 ng/ml
Alprazolam	5.746	2016193	∞	92.1	9611.2	139466	507.202 ng/ml
Amphetamine	3.006	2213442	30344.6	244.6	235144.6	312740	354.378 ng/ml
Benzoylcegonine	3.871	76397	536100.3	53.9	5065.9	5133	521.044 ng/ml
Buprenorphine	5.633	150318	269047.7	15.3	∞	54125	47.557 ng/ml
Bupropion	4.746	5796574	2466259.3	68.6	133690.3	548290	510.211 ng/ml
Carisoprodol	5.706	927054	3997896.7	62.7	35469.0	77773	496.007 ng/ml
Citalopram	5.201	3307781	65827.1	40.3	6895323.6	297913	496.076 ng/ml
Clonazepam	5.594	668616	∞	34.0	427320.6	29110	463.273 ng/ml
Clonazepam	5.540	1044785	∞	40.5	1205484.5	196754	573.151 ng/ml
Cocaine	4.236	3805172	1450624.8	50.6	1508102.4	657722	505.740 ng/ml
Codeine	2.542	351843	16391.1	94.9	13851.4	41468	467.424 ng/ml
Cyclobenzaprine	5.596	3298100	2564899.3	8.5	1125509.1	214540	494.897 ng/ml
Dextromethorphan	5.240	2298285	46687.7	76.7	∞	229024	482.068 ng/ml
Dextrophan	4.104	4183079	919279.4	43.5	109431.4	418092	498.344 ng/ml
Diazepam	5.919	1755062	87156.6	86.2	5078.0	174844	492.470 ng/ml
Dihydrocodeine	2.500	1184478	6429.9	62.1	2740.4	212281	414.551 ng/ml
Diphenhydramine	5.273	12473440	924901.3	30.1	63807.3	1224888	515.685 ng/ml
Doxylamine	4.486	15946281	898293.7	77.8	∞	1202213	523.216 ng/ml
EDDP	5.237	6494508	315002.0	42.3	3896218.5	665612	509.940 ng/ml
Etizolam	5.786	1150327	34260.0	23.7	∞	174844	476.958 ng/ml
Fentanyl	5.056	381457	∞	118.6	529740.5	368669	53.175 ng/ml
Flualprazolam	5.677	831715	∞	95.6	22610.2	139466	509.995 ng/ml
Fluoxetine	5.683	1522092	∞	7.4	169342.4	112380	500.215 ng/ml
Hydrocodone	2.987	1704930	∞	37.4	∞	209465	479.646 ng/ml
Hydromorphone	1.567	1246018	∞	74.9	∞	83712	509.719 ng/ml
Ketamine	4.012	4148357	333283.9	37.5	167013.8	431287	499.678 ng/ml
Lamotrigine	4.264	244803	34474.2	90.2	∞	139466	485.765 ng/ml
Levetiracetam	2.610	1281198	152397.0	223.4	134605.6	665612	506.794 ng/ml

AM #28 Multi-Drug Quant. Results

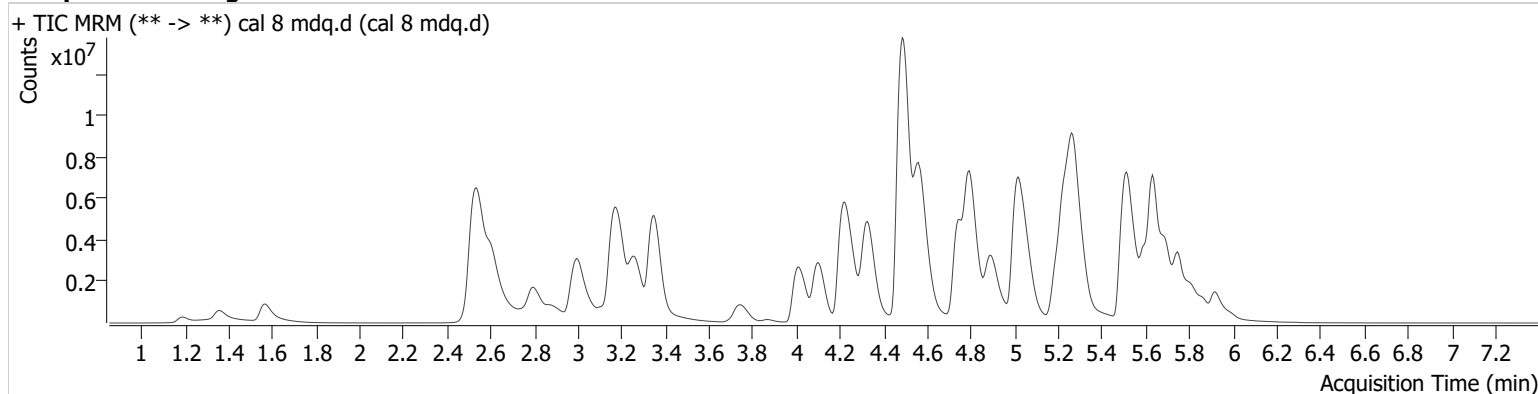
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.719	197520	∞	48.4	13795.2	32403	520.657 ng/ml
MDA	3.158	2161285	8352.1	27.4	15021.0	189370	416.083 ng/ml
MDMA	3.261	3683974	133860.3	93.4	216708.1	81869	485.717 ng/ml
Meprobamate	4.903	594416	∞	29.4	121965.9	77773	478.961 ng/ml
Methadone	5.631	7773659	834913.3	53.9	785934.6	685549	512.273 ng/ml
Methamphetamine	3.175	8009650	∞	38.2	37068.5	886985	412.266 ng/ml
Metoprolol	4.294	743603	∞	97.2	∞	189370	560.943 ng/ml
Mirtazapine	4.564	8743775	261446.9	47.0	1215673.5	685549	484.966 ng/ml
Mitragynine	5.179	1466973	∞	32.1	487929.0	15533	457.791 ng/ml
Morphine	1.191	157140	372.5	16.6	275.3	5847	481.708 ng/ml
Norbuprenorphine	4.971	31208	∞	97.7	18207.6	15533	49.566 ng/ml
Nordiazepam	5.868	1084216	∞	62.1	∞	82217	510.696 ng/ml
Norfentanyl	4.053	342473	44937.7	39.4	423870.3	706739	53.432 ng/ml
Noroxycodone	2.879	1043938	∞	46.2	∞	74593	502.041 ng/ml
O-desmethyl-tramadol	3.348	10449332	∞	6.0	149029.9	1055249	509.040 ng/ml
Oxazepam	5.726	339855	23191.9	69.4	28549.0	32403	435.491 ng/ml
Oxycodone	2.796	3393561	∞	29.4	∞	327022	491.334 ng/ml
Oxymorphone	1.359	1291153	∞	44.1	∞	93708	494.596 ng/ml
Phentermine	3.745	1400287	∞	8.7	11278.1	454588	433.017 ng/ml
Promethazine	5.517	5287327	539319.8	40.6	167701.4	513142	519.294 ng/ml
Pseudoephedrine	2.534	17523220	∞	23.9	∞	1665727	509.385 ng/ml
Quetiapine	5.493	4305691	4940430.3	62.9	16306811.0	144876	497.831 ng/ml
Sertraline	5.746	488621	∞	97.0	837024.4	45840	483.647 ng/ml
Temazepam	5.799	2169146	58095.5	27.8	3690.6	196754	495.664 ng/ml
Tramadol	4.212	9477005	458227.2	3.4	5767.1	1053167	478.680 ng/ml
Trazodone	5.019	4050448	26515.8	79.4	330606.6	468844	432.066 ng/ml
Venlafaxine	5.016	7667487	748181.6	37.0	23298.7	1025208	491.720 ng/ml
Zolpidem	4.796	11187293	558970.7	28.3	336413.2	991350	514.612 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\011222\QuantResults\mdq.batch.bin
Calibration Last Update 1/13/2022 9:25:08 AM

Instrument 69679 **Data File** cal 8 mdq.d
Type Cal **Sample** cal 8 mdq.d
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-H5 **Comment**
Injection Volume 3
Acq. Date-Time 1/12/2022 5:05:26 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	163148	∞	133.8	170896.5	45884	99.157 ng/ml
7-aminoclonazepam	4.258	784549	187462.8	75.8	6434.0	35050	883.169 ng/ml
a-hydroxyalprazolam	5.661	104594	2752.9	57.5	1465.9	97352	936.828 ng/ml
alpha-PHP	4.892	8335113	2191853.6	39.6	87695.5	272514	1044.696 ng/ml
alpha-PVP	4.327	11191594	394822.9	52.4	210833.9	450238	1038.955 ng/ml
Alprazolam	5.746	2676869	1671.3	93.2	∞	94844	989.903 ng/ml
Amphetamine	3.001	3108817	114291.3	245.0	232057.1	272514	572.282 ng/ml
Benzoylcegonine	3.866	186429	75166.2	55.0	6828.2	6308	1035.026 ng/ml
Buprenorphine	5.644	184033	303269.9	16.6	34978.3	30195	104.371 ng/ml
Bupropion	4.741	9794694	∞	67.8	309149.5	498271	948.673 ng/ml
Carisoprodol	5.706	883203	7727414.6	60.8	15794.4	34039	1079.489 ng/ml
Citalopram	5.196	4621298	31241491.3	40.6	57621.5	204115	1011.628 ng/ml
Clonazepam	5.589	390762	10006.1	34.4	348331.1	8718	904.431 ng/ml
Clonazepam	5.551	935720	∞	38.5	∞	97352	1036.476 ng/ml
Cocaine	4.231	6177446	315755.8	49.8	264078.2	531645	1015.895 ng/ml
Codeine	2.537	540651	243669.0	95.3	865538.2	34829	856.429 ng/ml
Cyclobenzaprine	5.596	7123739	803400.0	8.1	403410.4	231758	989.710 ng/ml
Dextromethorphan	5.234	3632712	90017.5	73.6	107229.9	171556	1017.000 ng/ml
Dextrophan	4.099	7270895	∞	43.4	96743.2	351863	1029.124 ng/ml
Diazepam	5.919	2862631	∞	86.6	∞	135165	1038.931 ng/ml
Dihydrocodeine	2.495	1950907	5810.9	62.9	13018.6	212359	683.365 ng/ml
Diphenhydramine	5.272	19662880	279924.8	29.9	1228352.3	936931	1062.630 ng/ml
Doxylamine	4.486	31542625	1140712.8	84.2	16258777.7	1333568	933.110 ng/ml
EDDP	5.229	12308873	237628.6	41.7	4954085.2	611186	1052.496 ng/ml
Etizolam	5.786	1868508	14722.1	23.0	4847.3	135165	1002.344 ng/ml
Fentanyl	5.056	920427	86495.6	125.7	1200240.7	411998	114.731 ng/ml
Flualprazolam	5.682	960190	3250.9	90.2	2485.6	94844	865.931 ng/ml
Fluoxetine	5.688	4494843	∞	7.2	256031.0	159121	1043.873 ng/ml
Hydrocodone	2.982	3216265	∞	37.9	∞	194473	974.867 ng/ml
Hydromorphone	1.567	2464794	∞	75.1	∞	83123	1014.875 ng/ml
Ketamine	4.007	7312804	381862.4	36.4	61159.3	390196	973.946 ng/ml
Lamotrigine	4.264	275355	12934.2	85.6	∞	94844	803.695 ng/ml
Levetiracetam	2.610	2261789	102735.0	223.9	343385.7	611186	975.347 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.719	167739	∞	47.4	16421.8	9419	1522.470 ng/ml
MDA	3.148	2568022	110616.9	27.3	15387.3	134880	694.891 ng/ml
MDMA	3.261	5886178	889506.7	92.6	279561.9	64904	978.995 ng/ml
Meprobamate	4.913	616894	690974.5	30.0	∞	34039	1135.170 ng/ml
Methadone	5.631	14745938	885775.8	51.5	131826.7	626096	1063.769 ng/ml
Methamphetamine	3.175	12499781	223383.8	37.5	150677.8	884667	647.663 ng/ml
Metoprolol	4.294	963201	1864980.8	98.9	∞	134880	1019.128 ng/ml
Mirtazapine	4.569	18384703	850764.0	46.9	652543.4	626096	1116.502 ng/ml
Mitragynine	5.179	2828001	2535285.5	33.4	∞	13105	1046.076 ng/ml
Morphine	1.191	282355	197.6	16.7	373.5	5748	881.289 ng/ml
Norbuprenorphine	4.971	52690	∞	96.1	∞	13105	99.670 ng/ml
Nordiazepam	5.868	1185288	∞	62.5	∞	53023	866.102 ng/ml
Norfentanyl	4.053	601496	72022.0	38.9	∞	563958	117.550 ng/ml
Noroxycodone	2.879	1788835	∞	45.8	∞	64951	988.442 ng/ml
O-desmethyl-tramadol	3.348	18339242	∞	5.9	141989.5	941031	1002.109 ng/ml
Oxazepam	5.726	211327	134648.8	70.9	175216.1	9419	932.193 ng/ml
Oxycodone	2.791	6723902	∞	29.0	∞	326612	975.099 ng/ml
Oxymorphone	1.354	2460534	∞	44.2	∞	92174	958.491 ng/ml
Phentermine	3.745	2302289	18682.7	8.1	22385.9	430661	752.065 ng/ml
Promethazine	5.517	13738126	∞	37.9	∞	620800	1115.164 ng/ml
Pseudoephedrine	2.534	27101405	∞	23.7	∞	1243630	1055.119 ng/ml
Quetiapine	5.488	7877215	∞	63.0	∞	152931	863.194 ng/ml
Sertraline	5.751	1916188	8626733.6	97.7	2747578.2	81097	1072.554 ng/ml
Temazepam	5.804	2228863	355063.9	27.5	7647.4	97352	1028.276 ng/ml
Tramadol	4.207	14520083	∞	3.4	22364.1	813741	949.935 ng/ml
Trazodone	5.019	7027919	101712.3	80.3	44655.2	520232	676.022 ng/ml
Venlafaxine	5.010	13438572	700710.0	36.3	89086.5	845914	1042.146 ng/ml
Zolpidem	4.791	20125789	2391129.3	28.3	2277508.4	917093	1000.743 ng/ml