
















Worklist: 2759

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
M2018-4986	1	129444	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5040	2	128467	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5085	1	128780	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5137	1	128997	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5156	1	129187	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5167	4	129905	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-5222	5	129579	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2828	1	129370	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2828	2	129372	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2828	3	129374	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2932	1	129457	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3016	1	129473	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3037	1	129599	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3044	1	129769	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-3067	1	129947	AM 25 Blood Multi-Drug Screen by LC-QQQ	

AM# 25: Multi-Drug Screen in Blood by LC-MS/MS

Extraction Date: 10/30/2018

Analyst: Celena Shrum

Plate lot#: 0515207

Plate Expiration: 10/18/2018 (Deviation issued to use beyond expiration)

Mobile phase A: 10mM Amm Form
0.5M Ammonium Hydroxide

Mobile phase B: 0.1% Formic Acid in MeOH
Ethyl Acetate LC Methanol

Blank Blood Lot: 445283-1

Column: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

LCMS-QQQ ID: 59740

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: Data Path Name:

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 3** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 067105*
- 4. Pipette **250µL 00.5M 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** 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: 067104
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add **900uL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 067103
- 16. Reconstitute in **100µL 100% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Open quantitation software and create a new quantitation batch.
Batch Name: am 25 worklist 2759 CS P1
am 25 worklist 2759 CS P2
Worklist path: C:\MassHunter\Data\2018\103018 MDS worklist 2759 CS
- 2. Make necessary changes to integration limits
- 3. Evaluate samples, S/N of primary transition >5 and S/N of secondary transition >3 or evaluation of peak symmetry and resolution. Within +/- 2% or 0.1 min RT of administrative control. > 1/3 the response of administrative control.
- 4. Did all QCs pass for each analyte? Y / N _____
- 5. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: Noroxycodone and phenytoin not evaluated.

Idaho State Police
Forensic Services
Toxicology Discipline

Request for Departure from an Analytical Method

Date of Request

10/22/18

Analytical Method

AM 25 multidrug screen

Deviation

The expiration date listed for the current batch of Cayman ToxBox extraction plates (Batch # 0515207) is October 18, 2018. I am issuing a deviation to allow for the use of the remaining plates. The controls will be used to evaluate if the plate is working as intended.

The deviation will remain in effect until December 18, 2018. The allowance of expired plates will be addressed in the next method revision.

Celena Shrum

Date: 10/22/2018

Celena Shrum

Toxicology Program Discipline Leader



Idaho State Police Forensic Services

AM #25 Blood Multi-Drug Screen by LCMS-QQQ

Analyst: Celena Shrum
 Extraction Date: 10/30/2018
 Worklist Number: ~~2749~~ 2759 ^{CS}

Reagent	Lot Number	Expiration Date	Date in Service	Date Out of Service	Initials
ToxBox Benzo/Opiate Screening Plate	0515207	10/18/18			
Negative Blood	445283-1		05/25/18 10/25/18 ^{CS}		
Methanol External Control Solution	042618	04/26/19	04/26/18		
Blood External Control Solution	WS042618	04/26/19	04/26/18		
0.5M Ammonium Hydroxide	082818	02/28/19	08/28/18		
Formic Acid (LCMS Grade)	095180B		11/15/17		
Water (LCMS Grade)	182702		09/17/18		
Methanol (LCMS Grade)	177145		04/11/18		
Ammonium Formate (LCMS Grade)	A0287238		01/30/17		
Ammonium Hydroxide (ACS grade or better)	053200		08/03/07		
Ethyl Acetate(ACS grade or better)	100362		06/26/17		
10mM Ammonium Formate in LCMS Water (Mobile Phase A)	092618		09/26/18		
0.1% Formic Acid in LCMS Methanol (Mobile Phase B)	091918		09/19/18		
Needle Rinse--75% LCMS MeOH in LCMS Water	100918		10/09/18		

Methanol External Control Solution (Lot: 042618)
 100 ul of 1mg/mL stock was added to each drug to 9600 ul of LC MeOH.

Component	Source	Source Lot Number	Expiration Date
Methanol (LCMS)	Fisher	177145	
Oxycodone	Cerilliant	FE01181701	March 2022
Diazepam	Cerilliant	FE05201602	June 2021
Metoprolol	Cerilliant	FN06091510	July 2020
Meperidine	Cerilliant	FE01271602	June 2021
Prepared:	04/26/18		
Prepared By:	Tamara Salazar		
Expires:	04/26/19		

AM #25: Blood Multi-Drug Screen by LCMS-QQQ

Blood External Control Solution (Lot: WS042618)

100 ul of methanol external control solution was added to 9900 ul of blood.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Hemostat	361331-2
Methanol External Control Solution		042618
Prepared:	04/26/18	
Prepared by:	Tamara Salazar	
Expires:	04/26/19	

0.5M Ammonium Hydroxide (Lot: 082818)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Hydroxide (ACS grade or better)	Fisher	053200
DI Water	-	-
Prepared:	08/28/18	
Prepared By:	Tamara Salazar	
Expires:	02/28/19	

10mM Ammonium Formate in LCMS Water (Mobile Phase A) (Lot: 092618)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Ammonium Formate	Arcos Organics	A0287238
LCMS Water	Fisher	182702
Prepared:	09/26/18	
Prepared By:	Sarah Pickle	

0.1% Formic Acid in LCMS Methanol (Mobile Phase B) (Lot: 091918)

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	177145
Prepared:	09/19/18	
Prepared By:	Tamara Salazar	


Needle Rinse (75% LCMS MeOH in LCMS Water) (Lot100918)


<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	182702
Prepared:	10/09/18	
Prepared By:	Sarah Pickle	

Compound Method		p1 cal 1a	p1 cal 1a Results				Qualifier 1 M...	Qualifier 1 Results			ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.
6-MAM	328.2 -> 165...	10/30/2018 4:32 PM	5.545	1730	414.53		328.2 -> 211...	1378	196.50		6-MAM-D6	334.2 -> 165...	5.482	110241
7-aminoclonazepam	286.1 -> 121...	10/30/2018 4:32 PM	5.450	79596	21546.15		286.1 -> 222...	13239	2320.77		7-Aminoclonazepam-D4	290.1 -> 121...	5.449	264354
Benzoylcegonine	290.1 -> 168...	10/30/2018 4:32 PM	5.243	11342	68.33		290.1 -> 105...	12508	53.00		Benzoylcegonine-D8	298.2 -> 171...	5.243	2183
a-hydroxyalprazolam	325.1 -> 297...	10/30/2018 4:32 PM	6.340	20763	2982.96		325.1 -> 215...	2762	5.49		a-hydroxyalprazolam-D5	330.1 -> 302...	6.319	123215
alpha-PVP	232.2 -> 91.0	10/30/2018 4:32 PM	6.008	162333	15334.91		232.2 -> 77.1	63240	401.88		alpha-PVP-d8	240.2 -> 91.1	5.926	767070
Alprazolam	309.1 -> 281...	10/30/2018 4:32 PM	6.426	147261	345.00		309.1 -> 205...	52099	30.93		Alprazolam-D5	314.1 -> 286...	6.405	664515
Amphetamine	136.1 -> 91.1	10/30/2018 4:32 PM	4.932	160917	20.03		136.1 -> 119...	54338	21.90		Amphetamine-D11	147.2 -> 130...	4.892	25520
Cocaine	304.2 -> 182...	10/30/2018 4:32 PM	5.897	275971	43.65		304.2 -> 105...	43351	4165.74		Cocaine-D3	307.2 -> 185...	5.876	505245
Bupropion	240.1 -> 184...	10/30/2018 4:32 PM	6.212	51226	7830.37		240.1 -> 131...	97791	10863...		Bupropion-D9	249.2 -> 185...	6.171	113094
Carisoprodol	261.2 -> 176...	10/30/2018 4:32 PM	6.067	21514	4344.12		261.2 -> 55.3	51290	6.99		Carisoprodol-D7	268.2 -> 183...	6.066	83712
Citalopram	325.2 -> 109...	10/30/2018 4:32 PM	6.177	311369	912.61		325.2 -> 262...	46894	36.99		Citalopram-D6	331.2 -> 109...	6.156	489842
Clonazepam	316.1 -> 269...	10/30/2018 4:32 PM	6.281	30940	102.17		316.1 -> 213...	3896	22.44		Clonazepam-D4	320.1 -> 217...	6.281	35256
Codeine	300.2 -> 215...	10/30/2018 4:32 PM	5.550	22943	81.64		300.2 -> 165...	12487	45.50		Codeine-D6	306.2 -> 218...	5.487	103664
Cyclobenzaprine	276.2 -> 214...	10/30/2018 4:32 PM	6.512	145471	559.90		276.2 -> 231...	21821	79.22		Cyclobenzaprine-D3	279.2 -> 215...	6.491	696628
Dextromethorphan	272.2 -> 171...	10/30/2018 4:32 PM	6.188	158945	365.50		272.2 -> 147...	1291...	24944...		Dextromethorphan-D3	275.2 -> 171...	6.188	622892
Dextrorphan	258.2 -> 157...	10/30/2018 4:32 PM	5.517	47760	75.77		258.2 -> 133...	57725	131.84		Dextrorphan-D3	261.2 -> 157...	5.536	273300
Diazepam	285.1 -> 193...	10/30/2018 4:32 PM	6.674	68704	78.79		285.1 -> 153...	1009...	120.48		Diazepam-D5	290.1 -> 198...	6.652	301866
Dihydrocodeine	302.2 -> 198...	10/30/2018 4:32 PM	5.241	51446	25.55		302.2 -> 128...	32700	16.57		Dihydrocodeine-D6	308.2 -> 202...	5.178	280825
Diphenhydramine	256.2 -> 167...	10/30/2018 4:32 PM	6.149	140446	13.60		256.2 -> 152...	99247	45.77		Diphenhydramine-D3	259.2 -> 167...	6.129	1389731
Doxylamine	271.2 -> 182...	10/30/2018 4:32 PM	5.739	98870	9023.53		271.2 -> 167...	2443...	203.78		Doxylamine-D5	276.2 -> 187...	5.718	245208
EDDP	279.2 -> 235...	10/30/2018 4:32 PM	6.022	138950	Infinity		279.2 -> 250...	60363	248.97		EDDP-D3	282.2 -> 235...	6.022	55702
Fentanyl	337.2 -> 105...	10/30/2018 4:32 PM	6.562	33472	3821.79		337.2 -> 188...	16573	2696.98		Fentanyl-D5	342.3 -> 105...	6.562	2628927
Fluoxetine	310.1 -> 44.3	10/30/2018 4:32 PM	6.323	550637	84.24		310.1 -> 148...	9517	1432.97		Fluoxetine-D6	316.2 -> 44.3	6.302	1918310
Hydrocodone	300.2 -> 198...	10/30/2018 4:32 PM	5.693	59184	20.27		300.2 -> 128...	40449	Infinity		Hydrocodone-D6	306.2 -> 202...	5.672	355732
Hydromorphone	286.2 -> 184...	10/30/2018 4:32 PM	5.163	43541	Infinity		286.2 -> 157...	60125	17.87		Hydromorphone-D6	292.2 -> 185...	5.102	221888
Ketamine	238.1 -> 125...	10/30/2018 4:32 PM	6.172	286900	47.97		238.1 -> 220...	25727	8.75		Ketamine-D4	242.1 -> 129...	6.150	1179180
Metoprolol	268.2 -> 116...	10/30/2018 4:32 PM	5.494	35188	87.24		268.2 -> 56.3	40285	122.24		Carisoprodol-D7	268.2 -> 183...	6.066	83712
Mirtazapine	266.2 -> 195...	10/30/2018 4:32 PM	6.514	306096	74.93		266.2 -> 72.3	2584...	179.84		Carisoprodol-D7	268.2 -> 183...	6.066	83712
Meprobamate	219.1 -> 158...	10/30/2018 4:32 PM	5.540	25328	334.78		219.1 -> 97.1	7517	32.30		Meprobamate-D7	226.2 -> 165...	5.540	1035
Methadone	310.2 -> 265...	10/30/2018 4:32 PM	6.364	332123	Infinity		310.2 -> 105...	2657...	139.55		Methadone-D9	319.3 -> 268...	6.342	1215116
Methamphetamine	150.1 -> 91.1	10/30/2018 4:32 PM	5.093	211176	21.18		150.1 -> 119...	48599	16.37		Methamphetamine-D11	161.2 -> 97.1	5.052	516293
Morphine	286.2 -> 201...	10/30/2018 4:32 PM	5.002	14642	29.05		286.2 -> 165...	7493	17.55		Morphine-D6	292.2 -> 152...	4.940	24796
Norbuprenorphine	414.3 -> 101...	10/30/2018 4:32 PM	6.011	12245	40.66		414.3 -> 57.3	9710	871.39		Norbuprenorphine-D3	417.3 -> 101...	5.990	24432
Nordiazepam	271.1 -> 140...	10/30/2018 4:32 PM	6.513	36924	5929.03		271.1 -> 208...	11666	20.18		Nordiazepam-D5	276.1 -> 140...	6.512	101675
Norfentanyl	233.2 -> 84.2	10/30/2018 4:32 PM	5.355	192666	21012.82		233.2 -> 55.3	68711	35.14		Norfentanyl-D5	238.2 -> 84.2	5.355	831013
Norhydrocodone	286.2 -> 199...	10/30/2018 4:32 PM	5.123	12965	56.31		286.2 -> 171...	7890	Infinity		Norhydrocodone-D3	289.2 -> 202...	5.123	108251
Noroxycodone *	302.1 -> 284...	10/30/2018 4:32 PM	5.039	39485	Infinity		302.1 -> 186...	12140	Infinity		Noroxycodone-D3	305.2 -> 287...	5.017	91828
O-desmethyl-tramadol	250.2 -> 58.3	10/30/2018 4:32 PM	5.029	441121	63.21		250.2 -> 42.3	9829	19.84		O-desmethyl-tramadol-...	256.2 -> 64.3	4.988	960011
Oxazepam	287.1 -> 240...	10/30/2018 4:32 PM	6.347	19034	13.91		287.1 -> 268...	13585	Infinity		Oxazepam-D5	292.1 -> 246...	6.326	88962
Oxycodone	316.2 -> 298...	10/30/2018 4:32 PM	5.485	178273	19.03		316.2 -> 241...	36791	5740.81		Oxycodone-D6	322.2 -> 304...	5.402	385872
Oxymorphone	302.1 -> 284...	10/30/2018 4:32 PM	4.938	214701	242.35		302.1 -> 227...	28052	32.59		Oxymorphone-D3	305.2 -> 287...	4.855	796327
Phentermine	150.1 -> 65.2	10/30/2018 4:32 PM	5.195	38155	12.58		150.1 -> 133...	3049	6.18		Phentermine-D5	155.2 -> 96.2	5.174	388046
Promethazine	285.1 -> 86.2	10/30/2018 4:32 PM	6.674	472486	Infinity		285.1 -> 71.3	1246...	Infinity		Promethazine-D3	288.2 -> 89.2	6.653	1860621
Quetiapine	384.2 -> 253...	10/30/2018 4:32 PM	6.703	433139	104.09		384.2 -> 221...	2350...	224.83		Quetiapine-D8	392.2 -> 226...	6.661	577235
Sertraline	306.1 -> 158...	10/30/2018 4:32 PM	6.651	163137	5811.55		306.1 -> 275...	68856	183.31		Sertraline-D3	309.1 -> 275...	6.649	523375
Temazepam	301.1 -> 255...	10/30/2018 4:32 PM	6.468	146506	251.16		301.1 -> 283...	64880	5.25		Temazepam-D5	306.1 -> 260...	6.467	903272
Tramadol	264.2 -> 58.3	10/30/2018 4:32 PM	5.556	505056	38.50		264.2 -> 43.3	8363	68.96		Tramadol-13C-D3	268.2 -> 58.3	5.555	2287243
Trazodone	372.2 -> 176...	10/30/2018 4:32 PM	6.884	408701	702.48		372.2 -> 148...	4818...	231.42		Trazodone-D6	378.2 -> 182...	6.864	1253926

Compound Method		p1 cal 1a	p1 cal 1a Results				Qualifier 1 M...	Qualifier 1 Results			ISTD Method <i>CS</i>		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	10/30/2018 4:32 PM	5.881	481118	48.93	<input type="checkbox"/>	278.2 -> 260...	13279	9.64	<input type="checkbox"/>	Venlafaxine-D6	284.2 -> 64.3	5.860	737423
Zolpidem	308.2 -> 235...	10/30/2018 4:32 PM	6.366	568185	1328.77	<input type="checkbox"/>	308.2 -> 263...	1622...	74.91	<input type="checkbox"/>	Zolpidem-D6	314.2 -> 235...	6.343	2954768
Mitragynine	399.2 -> 174...	10/30/2018 4:32 PM	6.579	176061	3007.65	<input type="checkbox"/>	399.2 -> 238...	28234	115.78	<input type="checkbox"/>	Quetiapine-D8	392.2 -> 226...	6.661	577235

* Noroxycodone not evaluated. *CS*

Compound Method		p1 external control	p1 external control Results				Qualifier 1 M...	Qualifier 1 Results			ISTD Method 		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.
6-MAM	328.2 -> 165...	10/30/2018 5:10 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	5.462	123632
7-aminoclonazepam	286.1 -> 121...	10/30/2018 5:10 PM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.428	285113
Benzoylcegonine	290.1 -> 168...	10/30/2018 5:10 PM					290.1 -> 105...				Benzoylcegonine-D8	298.2 -> 171...	5.222	4754
a-hydroxyalprazolam	325.1 -> 297...	10/30/2018 5:10 PM					325.1 -> 215...				a-hydroxyalprazolam-D5	330.1 -> 302...	6.319	122035
alpha-PVP	232.2 -> 91.0	10/30/2018 5:10 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.906	952469
Alprazolam	309.1 -> 281...	10/30/2018 5:10 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.405	548221
Amphetamine	136.1 -> 91.1	10/30/2018 5:10 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.851	44288
Cocaine	304.2 -> 182...	10/30/2018 5:10 PM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.855	516739
Bupropion	240.1 -> 184...	10/30/2018 5:10 PM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	6.171	179663
Carisoprodol	261.2 -> 176...	10/30/2018 5:10 PM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	6.045	85148
Citalopram	325.2 -> 109...	10/30/2018 5:10 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	6.136	462951
Clonazepam	316.1 -> 269...	10/30/2018 5:10 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.260	29835
Codeine	300.2 -> 215...	10/30/2018 5:10 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	5.487	108971
Cyclobenzaprine	276.2 -> 214...	10/30/2018 5:10 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.491	775093
Dextromethorphan	272.2 -> 171...	10/30/2018 5:10 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	6.167	649361
Dextrophan	258.2 -> 157...	10/30/2018 5:10 PM					258.2 -> 133...				Dextrophan-D3	261.2 -> 157...	5.516	309798
Diazepam	285.1 -> 193...	10/30/2018 5:10 PM	6.674	528979	6636.06		285.1 -> 153...	7599...	157.89		Diazepam-D5	290.1 -> 198...	6.652	196040
Dihydrocodeine	302.2 -> 198...	10/30/2018 5:10 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	5.158	301448
Diphenhydramine	256.2 -> 167...	10/30/2018 5:10 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	6.129	14512...
Doxylamine	271.2 -> 182...	10/30/2018 5:10 PM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.697	246513
EDDP	279.2 -> 235...	10/30/2018 5:10 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	6.022	68922
Fentanyl	337.2 -> 105...	10/30/2018 5:10 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	6.562	26134...
Fluoxetine	310.1 -> 44.3	10/30/2018 5:10 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.302	18480...
Hydrocodone	300.2 -> 198...	10/30/2018 5:10 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	5.651	469680
Hydromorphone	286.2 -> 184...	10/30/2018 5:10 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	5.081	201907
Ketamine	238.1 -> 125...	10/30/2018 5:10 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	6.150	12463...
Metoprolol	268.2 -> 116...	10/30/2018 5:10 PM	5.473	617312	69865.51		268.2 -> 56.3	6531...	Infinity		Carisoprodol-D7	268.2 -> 183...	6.045	85148
Mirtazapine	266.2 -> 195...	10/30/2018 5:10 PM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	6.045	85148
Meprobamate	219.1 -> 158...	10/30/2018 5:10 PM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.520	2004
Methadone	310.2 -> 265...	10/30/2018 5:10 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.342	12199...
Methamphetamine	150.1 -> 91.1	10/30/2018 5:10 PM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	5.032	711435
Morphine	286.2 -> 201...	10/30/2018 5:10 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.899	30355
Norbuprenorphine	414.3 -> 101...	10/30/2018 5:10 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.990	24151
Nordiazepam	271.1 -> 140...	10/30/2018 5:10 PM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.492	79887
Norfentanyl	233.2 -> 84.2	10/30/2018 5:10 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.334	842035
Norhydrocodone	286.2 -> 199...	10/30/2018 5:10 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	5.082	124906
Noroxycodone	302.1 -> 284...	10/30/2018 5:10 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.997	334794
O-desmethyl-tramad...	250.2 -> 58.3	10/30/2018 5:10 PM					250.2 -> 42.3				O-desmethyl-tramadol-...	256.2 -> 64.3	4.988	10079...
Oxazepam	287.1 -> 240...	10/30/2018 5:10 PM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.326	108777
Oxycodone	316.2 -> 298...	10/30/2018 5:10 PM	5.464	13487...	146.11		316.2 -> 241...	2458...	23492....		Oxycodone-D6	322.2 -> 304...	5.402	480372
Oxymorphone	302.1 -> 284...	10/30/2018 5:10 PM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.835	843397
Phentermine	150.1 -> 65.2	10/30/2018 5:10 PM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	5.174	641347
Promethazine	285.1 -> 86.2	10/30/2018 5:10 PM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.632	17583...
Quetiapine	384.2 -> 253...	10/30/2018 5:10 PM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.661	475328
Sertraline	306.1 -> 158...	10/30/2018 5:10 PM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.649	404160
Temazepam	301.1 -> 255...	10/30/2018 5:10 PM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.467	908441
Tramadol	264.2 -> 58.3	10/30/2018 5:10 PM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.535	27256...
Trazodone	372.2 -> 176...	10/30/2018 5:10 PM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	6.864	833997

Compound Method		p1 external control	p1 external control Results				Qualifier 1 M...	Qualifier 1 Results			ISTD Method 		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	10/30/2018 5:10 PM				<input type="checkbox"/>	278.2 -> 260...			<input type="checkbox"/>	Venlafaxine-D6	284.2 -> 64.3	5.840	792002
Zolpidem	308.2 -> 235...	10/30/2018 5:10 PM				<input type="checkbox"/>	308.2 -> 263...			<input type="checkbox"/>	Zolpidem-D6	314.2 -> 235...	6.343	30272...
Mitragynine	399.2 -> 174...	10/30/2018 5:10 PM				<input type="checkbox"/>	399.2 -> 238...			<input type="checkbox"/>	Quetiapine-D8	392.2 -> 226...	6.661	475328

9

Compound Method		p1 negative		p1 negative Results				Qualifier 1 M...		Qualifier 1 R...		ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.	
6-MAM	328.2 -> 165...	10/30/2018 4:51 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	5.482	116991	
7-aminoclonazepam	286.1 -> 121...	10/30/2018 4:51 PM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.449	305564	
Benzoylcegonine	290.1 -> 168...	10/30/2018 4:51 PM					290.1 -> 105...				Benzoylcegonine-D8	298.2 -> 171...	5.222	5211	
a-hydroxyalprazolam	325.1 -> 297...	10/30/2018 4:51 PM					325.1 -> 215...				a-hydroxyalprazolam-D5	330.1 -> 302...	6.319	139584	
alpha-PVP	232.2 -> 91.0	10/30/2018 4:51 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.926	894628	
Alprazolam	309.1 -> 281...	10/30/2018 4:51 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.405	644469	
Amphetamine	136.1 -> 91.1	10/30/2018 4:51 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.871	37128	
Cocaine	304.2 -> 182...	10/30/2018 4:51 PM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.855	535377	
Bupropion	240.1 -> 184...	10/30/2018 4:51 PM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	6.171	189271	
Carisoprodol	261.2 -> 176...	10/30/2018 4:51 PM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	6.045	75215	
Citalopram	325.2 -> 109...	10/30/2018 4:51 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	6.156	503384	
Clonazepam	316.1 -> 269...	10/30/2018 4:51 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.281	33025	
Codeine	300.2 -> 215...	10/30/2018 4:51 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	5.487	113978	
Cyclobenzaprine	276.2 -> 214...	10/30/2018 4:51 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.491	773810	
Dextromethorphan	272.2 -> 171...	10/30/2018 4:51 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	6.188	671967	
Dextrophan	258.2 -> 157...	10/30/2018 4:51 PM					258.2 -> 133...				Dextrophan-D3	261.2 -> 157...	5.516	319228	
Diazepam	285.1 -> 193...	10/30/2018 4:51 PM					285.1 -> 153...				Diazepam-D5	290.1 -> 198...	6.673	222178	
Dihydrocodeine	302.2 -> 198...	10/30/2018 4:51 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	5.178	297388	
Diphenhydramine	256.2 -> 167...	10/30/2018 4:51 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	6.129	15201...	
Doxylamine	271.2 -> 182...	10/30/2018 4:51 PM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.718	258904	
EDDP	279.2 -> 235...	10/30/2018 4:51 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	6.022	80204	
Fentanyl	337.2 -> 105...	10/30/2018 4:51 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	6.562	27444...	
Fluoxetine	310.1 -> 44.3	10/30/2018 4:51 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.302	19999...	
Hydrocodone	300.2 -> 198...	10/30/2018 4:51 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	5.651	416642	
Hydromorphone	286.2 -> 184...	10/30/2018 4:51 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	5.102	226187	
Ketamine	238.1 -> 125...	10/30/2018 4:51 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	6.150	12621...	
Metoprolol	268.2 -> 116...	10/30/2018 4:51 PM					268.2 -> 56.3				Carisoprodol-D7	268.2 -> 183...	6.045	75215	
Mirtazapine	266.2 -> 195...	10/30/2018 4:51 PM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	6.045	75215	
Meprobamate	219.1 -> 158...	10/30/2018 4:51 PM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.520	5471	
Methadone	310.2 -> 265...	10/30/2018 4:51 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.342	12953...	
Methamphetamine	150.1 -> 91.1	10/30/2018 4:51 PM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	5.032	686653	
Morphine	286.2 -> 201...	10/30/2018 4:51 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.940	31131	
Norbuprenorphine	414.3 -> 101...	10/30/2018 4:51 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.990	26602	
Nordiazepam	271.1 -> 140...	10/30/2018 4:51 PM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.512	87698	
Norfentanyl	233.2 -> 84.2	10/30/2018 4:51 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.334	877983	
Norhydrocodone	286.2 -> 199...	10/30/2018 4:51 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	5.123	139741	
Noroxycodone	302.1 -> 284...	10/30/2018 4:51 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	5.017	370561	
O-desmethyl-tramad...	250.2 -> 58.3	10/30/2018 4:51 PM					250.2 -> 42.3				O-desmethyl-tramadol-...	256.2 -> 64.3	4.988	10356...	
Oxazepam	287.1 -> 240...	10/30/2018 4:51 PM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.326	125807	
Oxycodone	316.2 -> 298...	10/30/2018 4:51 PM					316.2 -> 241...				Oxycodone-D6	322.2 -> 304...	5.402	439819	
Oxymorphone	302.1 -> 284...	10/30/2018 4:51 PM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.855	822735	
Phentermine	150.1 -> 65.2	10/30/2018 4:51 PM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	5.174	570406	
Promethazine	285.1 -> 86.2	10/30/2018 4:51 PM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.653	18414...	
Quetiapine	384.2 -> 253...	10/30/2018 4:51 PM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.661	498006	
Sertraline	306.1 -> 158...	10/30/2018 4:51 PM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.649	497629	
Temazepam	301.1 -> 255...	10/30/2018 4:51 PM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.467	949867	
Tramadol	264.2 -> 58.3	10/30/2018 4:51 PM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.555	27086...	
Trazodone	372.2 -> 176...	10/30/2018 4:51 PM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	6.864	922859	

cg

Compound Method		p1 negative	p1 negative Results				Qualifier 1 M...	Qualifier 1 R...			ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.
Venlafaxine	278.2 -> 58.3	10/30/2018 4:51 PM				<input type="checkbox"/>	278.2 -> 260...			<input type="checkbox"/>	Venlafaxine-D6	284.2 -> 64.3	5.840	784606
Zolpidem	308.2 -> 235...	10/30/2018 4:51 PM				<input type="checkbox"/>	308.2 -> 263...			<input type="checkbox"/>	Zolpidem-D6	314.2 -> 235...	6.343	31103...
Mitragynine	399.2 -> 174...	10/30/2018 4:51 PM				<input type="checkbox"/>	399.2 -> 238...			<input type="checkbox"/>	Quetiapine-D8	392.2 -> 226...	6.661	498006

Compound Method		p2 cal 1b		p2 cal 1b Results				Qualifier 1 M...		Qualifier 1 Results			ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.		
7-aminoflunitrazepam	284.1 -> 135...	10/30/2018 4:41 P...	5.643	121570	36.16		284.1 -> 93.2	11363	28.89		7-aminoflunitrazepam-D7	291.2 -> 138...	5.622	651525		
alpha-hydroxymidazola...	342.1 -> 324...	10/30/2018 4:41 P...	6.407	87728	592.56		342.1 -> 203...	68837	397.79		alpha-hydroxymidazolam-...	346.1 -> 328...	5.677	104734		
Amitriptyline	278.2 -> 91.2	10/30/2018 4:41 P...	6.620	257233	Infinity		278.2 -> 105...	1185...	Infinity		Amitriptyline-D3	281.2 -> 91.2	6.598	881935		
Acetyl Fentanyl	323.2 -> 105...	10/30/2018 4:41 P...	6.430	34123	Infinity		323.2 -> 188...	15477	3177.09		Acetyl Fentanyl-D5	328.2 -> 105...	6.409	2412578		
Acetyl Norfentanyl	219.1 -> 84.2	10/30/2018 4:41 P...	4.898	9472	53.14		219.1 -> 56.3	3815	5.74		Acetyl Norfentanyl-D5	224.2 -> 84.2	4.897	550491		
Carbamazepine	237.1 -> 193...	10/30/2018 4:41 P...	6.079	50290	12751.89		237.1 -> 194...	3004...	Infinity		Carbamazepine-13C6	243.1 -> 200...	6.078	1936368		
Chlordiazepoxide	300.1 -> 227...	10/30/2018 4:41 P...	6.555	26390	6847.76		300.1 -> 282...	35962	19.66		Chlordiazepoxide-D5	305.1 -> 286...	6.554	418705		
Sufentanil	387.2 -> 238...	10/30/2018 4:41 P...	6.890	40167	302.22		387.2 -> 111...	29499	36.92		Sufentanil-D5	392.2 -> 238...	6.888	1864821		
Desipramine	267.2 -> 72.3	10/30/2018 4:41 P...	6.418	422164	572.55		267.2 -> 44.3	1858...	54.68		Desipramine-D3	270.2 -> 75.3	6.418	2192824		
Doxepin	280.2 -> 107...	10/30/2018 4:41 P...	6.376	116779	141.41		280.2 -> 77.2	85907	26.51		Doxepin-D3	283.2 -> 107...	6.374	633482		
Estazolam	295.1 -> 267...	10/30/2018 4:41 P...	6.333	145069	204.35		295.1 -> 205...	80123	130.01		Estazolam-D5	300.1 -> 272...	6.331	983329		
Flunitrazepam	314.1 -> 268...	10/30/2018 4:41 P...	6.390	123172	275.00		314.1 -> 239...	42480	100.29		Flunitrazepam-D7	321.1 -> 245...	6.370	49780		
Flurazepam	388.2 -> 315...	10/30/2018 4:41 P...	6.566	383668	469.12		388.2 -> 317...	54268	76.69		Zopiclone-D4	393.1 -> 244...	6.363	197828		
Imipramine	281.2 -> 86.2	10/30/2018 4:41 P...	6.557	510938	82.47		281.2 -> 58.3	3565...	74.65		Imipramine-D3	284.2 -> 61.3	6.537	2045092		
Levamisole	205.1 -> 91.2	10/30/2018 4:41 P...	5.674	58233	10.61		205.1 -> 178...	68519	214.02		MDMA-D6	200.2 -> 166...	5.207	44760		
Maprotiline	278.2 -> 91.2	10/30/2018 4:41 P...	6.031	75731	Infinity		278.2 -> 117...	540	5.93		Meperidine-D4	252.2 -> 224...	5.913	548391		
MDA	180.1 -> 163...	10/30/2018 4:41 P...	5.107	82366	15.03		180.1 -> 105...	32566	8.07		MDA-D5	185.1 -> 168...	5.086	254288		
MDEA	208.1 -> 163...	10/30/2018 4:41 P...	5.348	168934	Infinity		208.1 -> 105...	88302	Infinity		MDEA-D6	214.2 -> 166...	5.348	585699		
MDMA	194.1 -> 163...	10/30/2018 4:41 P...	5.227	187407	88.42		194.1 -> 105...	81661	63.46		MDMA-D6	200.2 -> 166...	5.207	44760		
Meperidine	248.2 -> 220...	10/30/2018 4:41 P...	5.913	112302	281.65		248.2 -> 174...	61393	14146...		Meperidine-D4	252.2 -> 224...	5.913	548391		
Methylphenidate	234.2 -> 84.2	10/30/2018 4:41 P...	5.732	348878	163.09		234.2 -> 56.3	75471	87.89		Meperidine-D4	252.2 -> 224...	5.913	548391		
Midazolam	326.1 -> 223...	10/30/2018 4:41 P...	6.591	40429	120.33		326.1 -> 249...	51868	147.16		Midazolam-D4	330.1 -> 295...	6.570	670904		
Normeperidine	234.1 -> 42.3	10/30/2018 4:41 P...	5.672	74612	50.57		234.1 -> 160...	37156	53.56		Normeperidine-D4	238.2 -> 164...	5.650	428741		
Nortriptyline	264.2 -> 91.2	10/30/2018 4:41 P...	6.338	586883	604.88		264.2 -> 233...	4356...	56615...		Nortriptyline-D3	267.2 -> 233...	6.459	476522		
Phenazepam	349.0 -> 206...	10/30/2018 4:41 P...	6.446	42342	120.54		349.0 -> 183...	33389	9228.13		Phenazepam-D4	353.0 -> 183...	6.446	18093		
Phencyclidine	244.2 -> 86.2	10/30/2018 4:41 P...	5.975	91912	615.87		244.2 -> 91.1	1317...	53.08		Phencyclidine-D5	249.2 -> 86.2	5.953	694842		
Phenytoin *	253.1 -> 104...	10/30/2018 4:41 P...	5.994	7410	Infinity		253.1 -> 182...	968	Infinity		Phenytoin-D10	263.2 -> 192...	5.952	24973		
Pseudoephedrine	166.1 -> 148...	10/30/2018 4:41 P...	4.745	17001...	34.71		166.1 -> 133...	3614...	21.99		Pseudoephedrine-D3	169.1 -> 151...	4.704	568591		
Tapentadol	222.2 -> 107...	10/30/2018 4:41 P...	5.530	193576	44.98		222.2 -> 121...	77004	232.32		Tapentadol-D3	225.2 -> 107...	5.509	713130		
Zaleplon	306.1 -> 236...	10/30/2018 4:41 P...	6.168	126749	251.80		306.1 -> 264...	1193...	275.58		Zaleplon-D4	310.2 -> 240...	6.168	431690		
Zopiclone	389.1 -> 244...	10/30/2018 4:41 P...	6.364	16305	37.65		389.1 -> 216...	7535	31.33		Zopiclone-D4	393.1 -> 244...	6.363	197828		

*Phenytoin not evaluated. *cg*

Compound Method		p2 external control	p2 external control Results				Qualifier 1 M...	Qualifier 1 Results			ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.
7-aminoflunitrazepam	284.1 -> 135...	10/30/2018 5:20 P...					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.602	645933
alpha-hydroxymidazola...	342.1 -> 324...	10/30/2018 5:20 P...					342.1 -> 203...				alpha-hydroxymidazolam-...	346.1 -> 328...	5.637	104218
Amitriptyline	278.2 -> 91.2	10/30/2018 5:20 P...					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.578	961621
Acetyl Fentanyl	323.2 -> 105...	10/30/2018 5:20 P...					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	6.388	25189...
Acetyl Norfentanyl	219.1 -> 84.2	10/30/2018 5:20 P...					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.877	459833
Carbamazepine	237.1 -> 193...	10/30/2018 5:20 P...					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	6.057	19841...
Chlordiazepoxide	300.1 -> 227...	10/30/2018 5:20 P...					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.534	555267
Sufentanil	387.2 -> 238...	10/30/2018 5:20 P...					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	6.888	20582...
Desipramine	267.2 -> 72.3	10/30/2018 5:20 P...					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.398	23848...
Doxepin	280.2 -> 107...	10/30/2018 5:20 P...					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	6.354	677879
Estazolam	295.1 -> 267...	10/30/2018 5:20 P...					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.311	10151...
Flunitrazepam	314.1 -> 268...	10/30/2018 5:20 P...					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.370	52095
Flurazepam	388.2 -> 315...	10/30/2018 5:20 P...					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	6.343	47573
Imipramine	281.2 -> 86.2	10/30/2018 5:20 P...					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.516	21922...
Levamisole	205.1 -> 91.2	10/30/2018 5:20 P...					205.1 -> 178...				MDMA-D6	200.2 -> 166...	5.186	47693
Maprotiline	278.2 -> 91.2	10/30/2018 5:20 P...					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.892	580767
MDA	180.1 -> 163...	10/30/2018 5:20 P...					180.1 -> 105...				MDA-D5	185.1 -> 168...	5.066	345712
MDEA	208.1 -> 163...	10/30/2018 5:20 P...					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.308	631320
MDMA	194.1 -> 163...	10/30/2018 5:20 P...					194.1 -> 105...				MDMA-D6	200.2 -> 166...	5.186	47693
Meperidine	248.2 -> 220...	10/30/2018 5:20 P...	5.892	12910...	328.28		248.2 -> 174...	9149...	196425....		Meperidine-D4	252.2 -> 224...	5.892	580767
Methylphenidate	234.2 -> 84.2	10/30/2018 5:20 P...					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.892	580767
Midazolam	326.1 -> 223...	10/30/2018 5:20 P...					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.550	717701
Normeperidine	234.1 -> 42.3	10/30/2018 5:20 P...					234.1 -> 160...				Normeperidine-D4	238.2 -> 164...	5.630	421321
Nortriptyline	264.2 -> 91.2	10/30/2018 5:20 P...					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.439	506115
Phenazepam	349.0 -> 206...	10/30/2018 5:20 P...					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.426	17430
Phencyclidine	244.2 -> 86.2	10/30/2018 5:20 P...					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.933	751308
Phenytoin	253.1 -> 104...	10/30/2018 5:20 P...					253.1 -> 182...				Phenytoin-D10	263.2 -> 192...	5.932	20462
Pseudoephedrine	166.1 -> 148...	10/30/2018 5:20 P...					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.664	10223...
Tapentadol	222.2 -> 107...	10/30/2018 5:20 P...					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.489	764244
Zaleplon	306.1 -> 236...	10/30/2018 5:20 P...					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.148	454569
Zopiclone	389.1 -> 244...	10/30/2018 5:20 P...					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	6.343	47573

Compound Method		p2 negative	p2 negative Results				Qualifier 1 M...	Qualifier 1 R...			ISTD Method		ISTD Results	
Name	Transition	Acq. Date-Time	RT	Resp.	S/N	MI	Transition	Area	S/N	MI	Name	Transition	RT	Resp.
7-aminoflunitrazepam	284.1 -> 135...	10/30/2018 5:01 PM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.622	672074
alpha-hydroxymidazolam	342.1 -> 324...	10/30/2018 5:01 PM					342.1 -> 203...				alpha-hydroxymidazolam-...	346.1 -> 328...	5.657	104109
Amitriptyline	278.2 -> 91.2	10/30/2018 5:01 PM					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.598	10101...
Acetyl Fentanyl	323.2 -> 105...	10/30/2018 5:01 PM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	6.409	26881...
Acetyl Norfentanyl	219.1 -> 84.2	10/30/2018 5:01 PM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.897	500779
Carbamazepine	237.1 -> 193...	10/30/2018 5:01 PM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	6.057	20304...
Chlordiazepoxide	300.1 -> 227...	10/30/2018 5:01 PM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.534	599985
Sufentanil	387.2 -> 238...	10/30/2018 5:01 PM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	6.908	20336...
Desipramine	267.2 -> 72.3	10/30/2018 5:01 PM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.418	24016...
Doxepin	280.2 -> 107...	10/30/2018 5:01 PM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	6.374	677111
Estazolam	295.1 -> 267...	10/30/2018 5:01 PM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.331	10664...
Flunitrazepam	314.1 -> 268...	10/30/2018 5:01 PM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.370	57984
Flurazepam	388.2 -> 315...	10/30/2018 5:01 PM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	6.363	98795
Imipramine	281.2 -> 86.2	10/30/2018 5:01 PM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.537	22787...
Levamisole	205.1 -> 91.2	10/30/2018 5:01 PM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	5.186	52163
Maprotiline	278.2 -> 91.2	10/30/2018 5:01 PM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.913	592877
MDA	180.1 -> 163...	10/30/2018 5:01 PM					180.1 -> 105...				MDA-D5	185.1 -> 168...	5.086	320376
MDEA	208.1 -> 163...	10/30/2018 5:01 PM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.328	635501
MDMA	194.1 -> 163...	10/30/2018 5:01 PM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	5.186	52163
Meperidine	248.2 -> 220...	10/30/2018 5:01 PM					248.2 -> 174...				Meperidine-D4	252.2 -> 224...	5.913	592877
Methylphenidate	234.2 -> 84.2	10/30/2018 5:01 PM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.913	592877
Midazolam	326.1 -> 223...	10/30/2018 5:01 PM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.570	771955
Normeperidine	234.1 -> 42.3	10/30/2018 5:01 PM					234.1 -> 160...				Normeperidine-D4	238.2 -> 164...	5.650	462098
Nortriptyline	264.2 -> 91.2	10/30/2018 5:01 PM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.459	529859
Phenazepam	349.0 -> 206...	10/30/2018 5:01 PM					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.446	21650
Phencyclidine	244.2 -> 86.2	10/30/2018 5:01 PM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.953	779554
Phenytoin	253.1 -> 104...	10/30/2018 5:01 PM					253.1 -> 182...				Phenytoin-D10	263.2 -> 192...	5.952	23905
Pseudoephedrine	166.1 -> 148...	10/30/2018 5:01 PM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.684	787948
Tapentadol	222.2 -> 107...	10/30/2018 5:01 PM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.509	773590
Zaleplon	306.1 -> 236...	10/30/2018 5:01 PM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.168	452194
Zopiclone	389.1 -> 244...	10/30/2018 5:01 PM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	6.363	98795