

**Worklist: 2716**

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
M2018-3955	1	127280	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4513	1	126251	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4517	1	126267	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4519	1	126273	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4520	1	126277	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4522	1	126281	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4572	1	126500	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4630	1	126705	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4631	1	126709	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4670	1	126818	AM 25 Blood Multi-Drug Screen by LC-QQQ	
M2018-4887	4	127766	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2277	1	123891	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2715	1	127092	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2726	1	127277	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2728	1	127301	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2732	2	127718	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2734	1	127376	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2754	1	127547	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2787	1	127672	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2799	1	127734	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2800	1	127737	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2801	1	127740	AM 25 Blood Multi-Drug Screen by LC-QQQ	
P2018-2805	1	127762	AM 25 Blood Multi-Drug Screen by LC-QQQ	

2

**Worklist: 2716**

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
P2018-2818	1	127944	AM 25 Blood Multi-Drug Screen by LC-QQQ
P2018-2819	1	127947	AM 25 Blood Multi-Drug Screen by LC-QQQ



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

Extraction Date: 10/03/18  
Plate lot#: 0515207

Analyst: Sarah Pickle  
Plate Expiration: 10/18/18

**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:** 361331-1

**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 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** 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: 100318 MDS SP THCS Val reinjects CS  
Worklist path: MDS P1, MDS P2
- 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:

Did not evaluate 6-MAM, phentermine, morphine, and norhydrocodone.

Due to internal standard peak shifts for some compounds, the calibrator and negative control was reinjected.



# Idaho State Police Forensic Services

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

**Analyst:** Sarah Pickle  
**Extraction Date:** 10/03/18  
**Worklist Number:** 2716

<i>Reagent</i>	<i>Lot Number</i>	<i>Expiration Date</i>	<i>Date in Service</i>	<i>Date Out of Service</i>	<i>Initials</i>
ToxBox Benzo/Opiate Screening Plate	0515207	10/18/18			
Negative Blood	361331-1		05/25/18		
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		06/21/18		
Methanol (LCMS Grade)	177145		04/11/18		
Ammonium Formate (LCMS Grade)	A0287238		1/30/17		
Ammonium Hydroxide (ACS grade or better)	053200		8/3/07		
Ethyl Acetate(ACS grade or better)	100362		6/26/17		
10mM Ammonium Formate in LCMS Water (Mobile Phase A)	092618		09/26/18		
0.1% Formic Acid in LCMS Methanol (Mobile Phase B)	082118		08/21/18		
Needle Rinse--75% LCMS MeOH in LCMS Water	092418		09/24/18		

**Methanol External Control Solution (Lot: 042618)**

*100 ul of 1mg/mL stock was added to each drug to 9600 ul of LC MeOH.*

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
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		

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**Blood External Control Solution (Lot: 042618)***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: 082118)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Formic Acid	Fisher	095180B
MeOH (LCMS Grade)	Fisher	177145
Prepared:	08/21/18	
Prepared By:	Tamara Salazar	

**Needle Rinse (75% LCMS MeOH in LCMS Water)(Lot: 092418)**

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
MeOH (LCMS Grade)	Fisher	177145
Water (LCMS Grade)	Fisher	182702
Prepared:	09/24/18	
Prepared By:	Tamara Salazar	

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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.	MI	
6-MAM	328.2 -> 165...	10/3/2018 4:01 P...	5.260	1496	2.19	328.2 -> 211...	1216	2.13	6-MAM-D6	334.2 -> 165...	5.218	66456				
7-aminoclonazepam	286.1 -> 121...	10/3/2018 4:01 P...	5.369	16946	37.16	286.1 -> 222...	3859	40.53	7-Aminoclonazepam-D4	290.1 -> 121...	5.346	75427				
Benzoylcegonine	290.1 -> 168...	10/3/2018 4:01 P...	5.143	13165	29.03	290.1 -> 105...	8424	14.25	Benzoylcegonine-D8	298.2 -> 171...	5.143	2174				
a-hydroxyalprazolam	325.1 -> 297...	10/3/2018 4:01 P...	6.280	11348	20.38	325.1 -> 215...	1839	13.51	a-hydroxyalprazolam-D5	330.1 -> 302...	6.238	69507				
alpha-PVP	232.2 -> 91.0	10/3/2018 4:01 P...	5.663	12756	Infinity	232.2 -> 77.1	3119	Infinity	alpha-PVP-d8	240.2 -> 91.1	5.354	4				
Alprazolam	309.1 -> 281...	10/3/2018 4:01 P...	6.366	108947	182.82	309.1 -> 205...	35814	4132.86	Alprazolam-D5	314.1 -> 286...	6.343	421235				
Amphetamine	136.1 -> 91.1	10/3/2018 4:01 P...	5.014	79143	Infinity	136.1 -> 119...	31872	5219.81	Amphetamine-D11	147.2 -> 130...	4.973	23729				
Cocaine	304.2 -> 182...	10/3/2018 4:01 P...	5.652	155998	278.26	304.2 -> 105...	19742	1811.52	Cocaine-D3	307.2 -> 185...	5.631	239577				
Bupropion	240.1 -> 184...	10/3/2018 4:01 P...	5.866	49274	5056.87	240.1 -> 131...	77359	Infinity	Bupropion-D9	249.2 -> 185...	5.845	91885				
Carisoprodol	261.2 -> 176...	10/3/2018 4:01 P...	5.986	1134	263.71	261.2 -> 55.3	34315	7.99	Carisoprodol-D7	268.2 -> 183...	5.944	36790				
Citalopram	325.2 -> 109...	10/3/2018 4:01 P...	6.177	191189	326.46	325.2 -> 262...	24345	2458.63	Citalopram-D6	331.2 -> 109...	6.156	294137				
Clonazepam	316.1 -> 269...	10/3/2018 4:01 P...	6.220	26418	69.03	316.1 -> 213...	2109	9.10	Clonazepam-D4	320.1 -> 217...	6.199	22132				
Codeine	300.2 -> 215...	10/3/2018 4:01 P...	5.162	13830	Infinity	300.2 -> 165...	7831	26.21	Codeine-D6	306.2 -> 218...	5.180	65447				
Cyclobenzaprine	276.2 -> 214...	10/3/2018 4:01 P...	6.594	76987	69.44	276.2 -> 231...	10646	19.78	Cyclobenzaprine-D3	279.2 -> 215...	6.511	404508				
Dextromethorphan	272.2 -> 171...	10/3/2018 4:01 P...	6.229	99368	95.91	272.2 -> 147...	91355	126.53	Dextromethorphan-D3	275.2 -> 171...	6.188	368413				
Dextrorphan	258.2 -> 157...	10/3/2018 4:01 P...	5.558	36588	2840.90	258.2 -> 133...	35193	50.42	Dextrorphan-D3	261.2 -> 157...	5.537	178398				
Diazepam	285.1 -> 193...	10/3/2018 4:01 P...	6.592	47023	10317.33	285.1 -> 153...	72350	826.87	Diazepam-D5	290.1 -> 198...	6.591	215571				
Dihydrocodeine	302.2 -> 198...	10/3/2018 4:01 P...	4.999	32899	4209.36	302.2 -> 128...	19651	16.51	Dihydrocodeine-D6	308.2 -> 202...	5.018	168971				
Diphenhydramine	256.2 -> 167...	10/3/2018 4:01 P...	6.048	106707	3266.54	256.2 -> 152...	55252	3818.58	Diphenhydramine-D3	259.2 -> 167...	6.088	755605				
Doxylamine	271.2 -> 182...	10/3/2018 4:01 P...	5.638	63478	76.00	271.2 -> 167...	1345...	14256...	Doxylamine-D5	276.2 -> 187...	5.617	10563...				
EDDP	279.2 -> 235...	10/3/2018 4:01 P...	6.023	126090	11531.29	279.2 -> 250...	65775	4715.68	EDDP-D3	282.2 -> 235...	6.023	57634				
Fentanyl	337.2 -> 105...	10/3/2018 4:01 P...	6.400	13718	545.73	337.2 -> 188...	5325	Infinity	Fentanyl-D5	342.3 -> 105...	6.380	13497...				
Fluoxetine	310.1 -> 44.3...	10/3/2018 4:01 P...	6.303	361777	652.69	310.1 -> 148...	8166	10.46	Fluoxetine-D6	316.2 -> 44.3...	6.302	11626...				
Hydrocodone	300.2 -> 198...	10/3/2018 4:01 P...	5.387	32834	Infinity	300.2 -> 128...	13373	11.23	Hydrocodone-D6	306.2 -> 202...	5.365	183483				
Hydromorphone	286.2 -> 184...	10/3/2018 4:01 P...	4.821	17366	5.47	286.2 -> 157...	23173	Infinity	Hydromorphone-D6	292.2 -> 185...	4.799	66658				
Ketamine	238.1 -> 125...	10/3/2018 4:01 P...	5.764	153175	14306.96	238.1 -> 220...	22041	19.65	Ketamine-D4	242.1 -> 129...	5.763	551835				
Metoprolol	268.2 -> 116...	10/3/2018 4:01 P...	5.556	25739	6.78	268.2 -> 56.3	21033	204.27	Carisoprodol-D7	268.2 -> 183...	5.944	36790				
Mirtazapine	266.2 -> 195...	10/3/2018 4:01 P...	6.271	152675	27.70	266.2 -> 72.3	1409...	9250.39	Carisoprodol-D7	268.2 -> 183...	5.944	36790				
Meprobamate	219.1 -> 158...	10/3/2018 4:01 P...	5.438	8701	24.55	219.1 -> 97.1	2653	Infinity	Meprobamate-D7	226.2 -> 165...	5.418	3756				
Methadone	310.2 -> 265...	10/3/2018 4:01 P...	6.303	168665	18442.71	310.2 -> 105...	1460...	1032.13	Methadone-D9	319.3 -> 268...	6.302	724218				
Methamphetamine	150.1 -> 91.1	10/3/2018 4:01 P...	5.195	113837	5.07	150.1 -> 119...	31161	3.93	Methamphetamine-D11	161.2 -> 97.1	5.195	241045				
Morphine	286.2 -> 201...	10/3/2018 4:01 P...	4.639	5113	Infinity	286.2 -> 165...	3100	3.48	Morphine-D6	292.2 -> 152...	4.768	9309				
Norbuprenorphine	414.3 -> 101...	10/3/2018 4:01 P...	5.970	2776	430.81	414.3 -> 57.3	6508	11.09	Norbuprenorphine-D3	417.3 -> 101...	6.031	12328				
Nordiazepam	271.1 -> 140...	10/3/2018 4:01 P...	6.453	31955	165.32	271.1 -> 208...	6804	18.87	Nordiazepam-D5	276.1 -> 140...	6.432	81783				
Norfentanyl	233.2 -> 84.2	10/3/2018 4:01 P...	5.315	130217	17241.42	233.2 -> 55.3	51267	6905.65	Norfentanyl-D5	238.2 -> 84.2	5.294	627022				
Norhydrocodone	286.2 -> 199...	10/3/2018 4:01 P...	5.144	3817	2.53	286.2 -> 171...	2474	136.15	Norhydrocodone-D3	289.2 -> 202...	5.184	85675				
Noroxycodone	302.1 -> 284...	10/3/2018 4:01 P...				302.1 -> 186...			Noroxycodone-D3	305.2 -> 287...	5.080	35610				
O-desmethyl-tramadol	250.2 -> 58.3	10/3/2018 4:01 P...	4.928	229411	96.49	250.2 -> 42.3			O-desmethyl-tramadol...	256.2 -> 64.3	4.928	456407				
Oxazepam	287.1 -> 240...	10/3/2018 4:01 P...				287.1 -> 268...			Oxazepam-D5	292.1 -> 246...	6.265	47590				
Oxycodone	316.2 -> 298...	10/3/2018 4:01 P...	5.199	98960	5.50	316.2 -> 241...			Oxycodone-D6	322.2 -> 304...	5.138	144231				
Oxymorphone	302.1 -> 284...	10/3/2018 4:01 P...	4.534	76064	26.36	302.1 -> 227...	12121	20.84	Oxymorphone-D3	305.2 -> 287...	4.532	332563				
Phentermine	150.1 -> 65.2	10/3/2018 4:01 P...				150.1 -> 133...			Phentermine-D5	155.2 -> 96.2	5.175	235667				
Promethazine	285.1 -> 86.2	10/3/2018 4:01 P...	6.653	238782	29128.36	285.1 -> 71.3	31104	Infinity	Promethazine-D3	288.2 -> 89.2	6.672	996300				
Quetiapine	384.2 -> 253...	10/3/2018 4:01 P...	6.561	289369	191.16	384.2 -> 221...	1354...	19908...	Quetiapine-D8	392.2 -> 226...	6.519	304902				
Sertraline	306.1 -> 158...	10/3/2018 4:01 P...	6.772	109556	7.53	306.1 -> 275...	66660	225.02	Sertraline-D3	309.1 -> 275...	6.771	452357				
Temazepam	301.1 -> 255...	10/3/2018 4:01 P...	6.427	71504	312.42	301.1 -> 283...	39308	15.33	Temazepam-D5	306.1 -> 260...	6.407	486250				
Tramadol	264.2 -> 58.3	10/3/2018 4:01 P...	5.455	264541	20.89	264.2 -> 43.3	3437	487.85	Tramadol-13C-D3	268.2 -> 58.3	5.433	13502...				
Trazodone	372.2 -> 176...	10/3/2018 4:01 P...	6.946	238293	555.29	372.2 -> 148...	3667...	182.08	Trazodone-D6	378.2 -> 182...	6.945	863113				

Sample reinjected due to retention time shifts in internal standard. ⌘

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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.	MI
Venlafaxine	278.2 -> 58.3	10/3/2018 4:01 P..	5.759	268479	37299.99		278.2 -> 260...	16033	22.17		Venlafaxine-D6	284.2 -> 64.3	5.738	557201	
Zolpidem	308.2 -> 235...	10/3/2018 4:01 P..					308.2 -> 263...				Zolpidem-D6	314.2 -> 235...			
Mitragynine	399.2 -> 174...	10/3/2018 4:01 P..	6.357	75682	5800.10		399.2 -> 238...	8747	7.91		Quetiapine-D8	392.2 -> 226...	6.519	304902	

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15

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	MI
6-MAM	328.2 -> 165...	10/3/2018 4:30 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	5.198	98347	
7-aminoclonazepam	286.1 -> 121...	10/3/2018 4:30 PM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.346	169989	
Benzoylcegonine	290.1 -> 168...	10/3/2018 4:30 PM					290.1 -> 105...				Benzoylcegonine-D8	298.2 -> 171...	5.143	5074	
a-hydroxyalprazolam	325.1 -> 297...	10/3/2018 4:30 PM					325.1 -> 215...				a-hydroxyalprazolam-D5	330.1 -> 302...	6.258	111285	
alpha-PVP	232.2 -> 91.0	10/3/2018 4:30 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1			
Alprazolam	309.1 -> 281...	10/3/2018 4:30 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.343	721264	
Amphetamine	136.1 -> 91.1	10/3/2018 4:30 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.953	51318	
Cocaine	304.2 -> 182...	10/3/2018 4:30 PM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.631	450573	
Bupropion	240.1 -> 184...	10/3/2018 4:30 PM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.845	176057	
Carisoprodol	261.2 -> 176...	10/3/2018 4:30 PM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.964	61999	
Citalopram	325.2 -> 109...	10/3/2018 4:30 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	6.156	576837	
Clonazepam	316.1 -> 269...	10/3/2018 4:30 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.199	28168	
Codeine	300.2 -> 215...	10/3/2018 4:30 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	5.140	122164	
Cyclobenzaprine	276.2 -> 214...	10/3/2018 4:30 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.532	710952	
Dextromethorphan	272.2 -> 171...	10/3/2018 4:30 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	6.188	610691	
Dextropropranolol	258.2 -> 157...	10/3/2018 4:30 PM					258.2 -> 133...				Dextropropranolol-D3	261.2 -> 157...	5.517	319897	
Diazepam	285.1 -> 193...	10/3/2018 4:30 PM					285.1 -> 153...				Diazepam-D5	290.1 -> 198...	6.591	396652	
Dihydrocodeine	302.2 -> 198...	10/3/2018 4:30 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.957	310747	
Diphenhydramine	256.2 -> 167...	10/3/2018 4:30 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	6.068	14001...	
Doxylamine	271.2 -> 182...	10/3/2018 4:30 PM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.617	17146...	
EDDP	279.2 -> 235...	10/3/2018 4:30 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	6.023	60933	
Fentanyl	337.2 -> 105...	10/3/2018 4:30 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	6.359	20480...	
Fluoxetine	310.1 -> 44.3	10/3/2018 4:30 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.302	20229...	
Hydrocodone	300.2 -> 198...	10/3/2018 4:30 PM					300.2 -> 129...				Hydrocodone-D6	306.2 -> 202...	5.344	306900	
Hydromorphone	286.2 -> 184...	10/3/2018 4:30 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	4.799	169018	
Ketamine	238.1 -> 125...	10/3/2018 4:30 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.763	953437	
Metoprolol	268.2 -> 116...	10/3/2018 4:30 PM					268.2 -> 56.3				Carisoprodol-D7	268.2 -> 183...	5.964	61999	
Mirtazapine	266.2 -> 195...	10/3/2018 4:30 PM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.964	61999	
Meprobamate	219.1 -> 158...	10/3/2018 4:30 PM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.418	6098	
Methadone	310.2 -> 265...	10/3/2018 4:30 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.302	13133...	
Methamphetamine	150.1 -> 91.1	10/3/2018 4:30 PM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	5.154	440675	
Morphine	286.2 -> 201...	10/3/2018 4:30 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.537	15120	
Norbuprenorphine	414.3 -> 101...	10/3/2018 4:30 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	6.011	18806	
Nordiazepam	271.1 -> 140...	10/3/2018 4:30 PM					271.1 -> 208...				Nordiazepam D5	276.1 -> 140...	6.432	119748	
Norfentanyl	233.2 -> 84.2	10/3/2018 4:30 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.294	10694...	
Norhydrocodone	286.2 -> 199...	10/3/2018 4:30 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	5.164	136745	
Noroxycodone	302.1 -> 284...	10/3/2018 4:30 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	4.959	96359	
O-desmethyl-tramadol	250.2 -> 58.3	10/3/2018 4:30 PM					250.2 -> 42.3				O-desmethyl-tramadol-...	256.2 -> 64.3	5.008	779388	
Oxazepam	287.1 -> 240...	10/3/2018 4:30 PM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.245	87906	
Oxycodone	316.2 -> 298...	10/3/2018 4:30 PM					316.2 -> 241...				Oxycodone-D6	322.2 -> 304...	5.118	323912	
Oxymorphone	302.1 -> 284...	10/3/2018 4:30 PM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.512	707986	
Phentermine	150.1 -> 65.2	10/3/2018 4:30 PM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	5.175	445705	
Promethazine	285.1 -> 86.2	10/3/2018 4:30 PM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.652	16859...	
Quetiapine	384.2 -> 253...	10/3/2018 4:30 PM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.519	534418	
Sertraline	306.1 -> 158...	10/3/2018 4:30 PM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.771	829044	
Temazepam	301.1 -> 255...	10/3/2018 4:30 PM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.407	889952	
Tramadol	264.2 -> 58.3	10/3/2018 4:30 PM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.433	23822...	
Trazodone	372.2 -> 176...	10/3/2018 4:30 PM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	6.945	14367...	

Sample reinjected due to retention time shifts in internal standard. 15



D

Compound Method		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.	MI	
Venlafaxine	278.2 -> 58.3	10/3/2018 4:30 PM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	5.738	842447		
Zolpidem	308.2 -> 235...	10/3/2018 4:30 PM					308.2 -> 263...				Zolpidem-D6	314.2 -> 235...	5.936	117		
Mitragynine	399.2 -> 174...	10/3/2018 4:30 PM	6.357	221	1.92		399.2 -> 238...				Quetiapine-D8	392.2 -> 226...	6.519	534418		

VOID

RS

Compound Method		p1 cal 1a reinject1					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	MI			
6-MAM	328.2 -> 165...	10/4/2018 8:34 AM	5.300	1182	282.40		328.2 -> 211...	348	2.44		6-MAM-D6	334.2 -> 165...	5.259	67100				
7-aminoclonazepam	286.1 -> 121...	10/4/2018 8:34 AM	5.368	7228	801.07		286.1 -> 222...	1518	10.16		7-Aminoclonazepam-D4	290.1 -> 121...	5.367	24781				
a-hydroxyalprazolam	325.1 -> 297...	10/4/2018 8:34 AM	6.279	13430	39.79		325.1 -> 215...	2183	260.24		a-hydroxyalprazolam-D5	330.1 -> 302...	6.258	67597				
alpha-PVP	232.2 -> 91.0	10/4/2018 8:34 AM	5.723	59241	76.80		232.2 -> 77.1	29190	68.20		alpha-PVP-d8	240.2 -> 91.1	5.681	428139				
Alprazolam	309.1 -> 281...	10/4/2018 8:34 AM	6.365	108666	875.41		309.1 -> 205...	29740	681.68		Alprazolam-D5	314.1 -> 286...	6.343	516880				
Amphetamine	136.1 -> 91.1	10/4/2018 8:34 AM	5.074	89102	8.22		136.1 -> 119...	39632	1342		Amphetamine-D11	147.2 -> 130...	5.034	28120				
Benzoylcegonine	290.1 -> 168...	10/4/2018 8:34 AM	5.163	13720	50.30		290.1 -> 105...	8159	25.51		Benzoylcegonine-D8	298.2 -> 171...	5.162	3134				
Bupropion	240.1 -> 184...	10/4/2018 8:34 AM	5.906	11650	13.20		240.1 -> 131...	15755	Infinity		Bupropion-D9	249.2 -> 185...	5.885	16124				
Carisoprodol	261.2 -> 176...	10/4/2018 8:34 AM	6.026	1370	Infinity		261.2 -> 55.3	29840	8.70		Carisoprodol-D7	268.2 -> 183...	5.964	44619				
Citalopram	325.2 -> 109...	10/4/2018 8:34 AM	6.218	218900	19745...		325.2 -> 262...	25635	1568...		Citalopram-D6	331.2 -> 109...	6.217	371157				
Clonazepam	316.1 -> 269...	10/4/2018 8:34 AM	6.220	21746	32.56		316.1 -> 213...	1837	12.22		Clonazepam-D4	320.1 -> 217...	6.199	19232				
Cocaine	304.2 -> 182...	10/4/2018 8:34 AM	5.672	143683	814.84		304.2 -> 105...	17922	10.65		Cocaine-D3	307.2 -> 185...	5.672	232672				
Codeine	300.2 -> 215...	10/4/2018 8:34 AM	5.263	13984	2247.54		300.2 -> 165...	8885	1502...		Codeine-D6	306.2 -> 218...	5.220	70356				
Cyclobenzaprine	276.2 -> 214...	10/4/2018 8:34 AM	6.553	85374	5.43		276.2 -> 231...	8548	Infinity		Cyclobenzaprine-D3	279.2 -> 215...	6.552	437538				
Dextromethorphan	272.2 -> 171...	10/4/2018 8:34 AM	6.248	102308	145.17		272.2 -> 147...	83968	4236...		Dextromethorphan-D3	275.2 -> 171...	6.228	323106				
Dextroproporph	258.2 -> 157...	10/4/2018 8:34 AM	5.599	31854	4198.61		258.2 -> 133...	39270	3.69		Dextroproporph-D3	261.2 -> 157...	5.557	182919				
Diazepam	285.1 -> 193...	10/4/2018 8:34 AM	6.612	43765	761.32		285.1 -> 153...	68996	278.13		Diazepam-D5	290.1 -> 198...	6.591	192644				
Dihydrocodeine	302.2 -> 198...	10/4/2018 8:34 AM	5.120	25906	Infinity		302.2 -> 128...	17009	3.96		Dihydrocodeine-D6	308.2 -> 202...	5.057	148105				
Diphenhydramine	256.2 -> 167...	10/4/2018 8:34 AM	6.149	69308	10351...		256.2 -> 152...	59845	3581...		Diphenhydramine-D3	259.2 -> 167...	6.087	784997				
Doxylamine	271.2 -> 182...	10/4/2018 8:34 AM	5.678	53141	746.82		271.2 -> 167...	1293...	68.10		Doxylamine-D5	276.2 -> 187...	5.657	987780				
EDDP	279.2 -> 235...	10/4/2018 8:34 AM	6.063	125040	11173...		279.2 -> 250...	60779	4515...		EDDP-D3	282.2 -> 235...	6.042	50394				
Fentanyl	337.2 -> 105...	10/4/2018 8:34 AM	6.400	15678	929.04		337.2 -> 188...	6269	Infinity		Fentanyl-D5	342.3 -> 105...	6.379	13131...				
Fluoxetine	310.1 -> 44.3	10/4/2018 8:34 AM	6.303	397213	Infinity		310.1 -> 148...	6945	26.52		Fluoxetine-D6	316.2 -> 44.3	6.302	12296...				
Hydrocodone	300.2 -> 198...	10/4/2018 8:34 AM	5.489	27366	6.42		300.2 -> 128...	12647	Infinity		Hydrocodone-D6	306.2 -> 202...	5.426	163389				
Hydromorphone	286.2 -> 184...	10/4/2018 8:34 AM	4.942	17732	Infinity		286.2 -> 157...	18140	Infinity		Hydromorphone-D6	292.2 -> 185...	4.859	78269				
Ketamine	238.1 -> 125...	10/4/2018 8:34 AM	5.825	142198	240.34		238.1 -> 220...	20763	5.81		Ketamine-D4	242.1 -> 129...	5.804	566466				
Meprobamate	219.1 -> 158...	10/4/2018 8:34 AM	5.438	9179	40.69		219.1 -> 97.1	4638	14.24		Meprobamate-D7	226.2 -> 165...	5.438	2867				
Methadone	310.2 -> 265...	10/4/2018 8:34 AM	6.343	188466	560.96		310.2 -> 105...	1494...	163.90		Methadone-D9	319.3 -> 268...	6.322	693856				
Methamphetamine	150.1 -> 91.1	10/4/2018 8:34 AM	5.235	102369	5.02		150.1 -> 119...	25071	35.97		Methamphetamine-D11	161.2 -> 97.1	5.235	239579				
Metoprolol	268.2 -> 116...	10/4/2018 8:34 AM	5.637	24090	1946.98		268.2 -> 56.3	31278	1753...		Carisoprodol-D7	268.2 -> 183...	5.964	44619				
Mirtazapine	266.2 -> 195...	10/4/2018 8:34 AM	6.291	157091	174.99		266.2 -> 72.3	1287...	26.50		Carisoprodol-D7	268.2 -> 183...	5.964	44619				
Mitragynine	399.2 -> 174...	10/4/2018 8:34 AM	6.336	67017	5889.68		399.2 -> 238...	13386	11.08		Quetiapine-D8	392.2 -> 226...	6.539	359162				
Morphine	286.2 -> 201...	10/4/2018 8:34 AM	4.659	3359	Infinity		286.2 -> 165...	1797	Infinity		Morphine-D6	292.2 -> 152...	4.657	4234				
Norbuprenorphine	414.3 -> 101...	10/4/2018 8:34 AM	5.990	4273	Infinity		414.3 -> 57.3	4629	4.73		Norbuprenorphine-D3	417.3 -> 101...	6.010	13691				
Nordiazepam	271.1 -> 140...	10/4/2018 8:34 AM	6.453	29428	67.42		271.1 -> 208...	5675	34.79		Nordiazepam-D5	276.1 -> 140...	6.432	74219				
Norfentanyl	233.2 -> 84.2	10/4/2018 8:34 AM	5.335	130395	208.23		233.2 -> 55.3	44822	271.16		Norfentanyl-D5	238.2 -> 84.2	5.334	627889				
Norhydrocodone	286.2 -> 199...	10/4/2018 8:34 AM	5.265	5260	2.36		286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	5.244	75628				
Noroxycodone	302.1 -> 284...	10/4/2018 8:34 AM	5.120	7211	9.68		302.1 -> 186...	11667	38.87		Noroxycodone-D3	305.2 -> 287...	5.139	63119				
O-desmethyl-tramadol	250.2 -> 58.3	10/4/2018 8:34 AM	4.968	223265	25.91		250.2 -> 42.3	6354	35.25		O-desmethyl-tramadol...	256.2 -> 64.3	4.948	524553				
Oxazepam	287.1 -> 240...	10/4/2018 8:34 AM	6.266	11016	9.31		287.1 -> 268...	15105	5.17		Oxazepam-D5	292.1 -> 246...	6.265	41916				
Oxycodone	316.2 -> 298...	10/4/2018 8:34 AM	5.219	94965	8367.74		316.2 -> 241...	18400	1066...		Oxycodone-D6	322.2 -> 304...	5.219	185875				
Oxymorphone	302.1 -> 284...	10/4/2018 8:34 AM	4.614	91529	17.19		302.1 -> 227...	11389	637.14		Oxymorphone-D3	305.2 -> 287...	4.593	398407				
Phentermine	150.1 -> 65.2	10/4/2018 8:34 AM	5.316	9587	Infinity		150.1 -> 133...	1546	Infinity		Phentermine-D5	155.2 -> 96.2	5.235	243378				
Promethazine	285.1 -> 86.2	10/4/2018 8:34 AM	6.714	212518	81.67		285.1 -> 71.3	64705	15.93		Promethazine-D3	288.2 -> 89.2	6.693	989802				
Quetiapine	384.2 -> 253...	10/4/2018 8:34 AM	6.561	293323	37414...		384.2 -> 221...	1503...	44.36		Quetiapine-D8	392.2 -> 226...	6.539	359162				
Sertraline	306.1 -> 158...	10/4/2018 8:34 AM	6.792	77129	42.22		306.1 -> 275...	59318	58.24		Sertraline-D3	309.1 -> 275...	6.811	338470				
Temazepam	301.1 -> 255...	10/4/2018 8:34 AM	6.408	84013	10.58		301.1 -> 283...	36265	Infinity		Temazepam-D5	306.1 -> 260...	6.407	505252				
Tramadol	264.2 -> 58.3	10/4/2018 8:34 AM	5.496	244133	44970...		264.2 -> 43.3	2085	7.34		Tramadol-13C-D3	268.2 -> 58.3	5.474	13962...				

B

Compound Method		p1.cal.1a.reinject1				p1.cal.1a.reinject1.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.	MI					
Trazodone	372.2 -> 176...	10/4/2018 8:34 AM	6.925	351090	190.45		372.2 -> 148...	3077...	12.56		Trazodone-D6	378.2 -> 182...	6.967	963008						
Venlafaxine	278.2 -> 58.3	10/4/2018 8:34 AM	5.779	297494	1040.29		278.2 -> 260...	15460	135.33		Venlafaxine-D6	284.2 -> 64.3	5.757	490295						
Zolpidem	308.2 -> 235...	10/4/2018 8:34 AM	6.283	324465	641.84		308.2 -> 263...	96367	853.79		Zolpidem-D6	314.2 -> 235...	6.261	18009...						

P

Compound Method		p1 negative reinject1					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.	MI	Name	Transition	RT	Resp.	MI				
6-MAM	328.2 -> 165	10/4/2018 9:03 AM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	5.259	127223										
7-aminoclonazepam	286.1 -> 121...	10/4/2018 9:03 AM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.367	66690										
a-hydroxyalprazolam	325.1 -> 297...	10/4/2018 9:03 AM					325.1 -> 215...				a-hydroxyalprazolam-D5	330.1 -> 302...	6.258	111630										
alpha-PVP	232.2 -> 91.0	10/4/2018 9:03 AM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.681	898576										
Alprazolam	309.1 -> 281...	10/4/2018 9:03 AM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.343	860303										
Amphetamine	136.1 -> 91.1	10/4/2018 9:03 AM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.993	58100										
Benzoylcegonine	290.1 -> 168...	10/4/2018 9:03 AM					290.1 -> 105...				Benzoylcegonine-D8	298.2 -> 171...	5.162	6107										
Bupropion	240.1 -> 184...	10/4/2018 9:03 AM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.885	77089										
Carisoprodol	261.2 -> 176...	10/4/2018 9:03 AM					261.2 -> 55.3				Carisoprodol-D7	268.2 -> 183...	5.964	64225										
Citalopram	325.2 -> 109...	10/4/2018 9:03 AM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	6.176	459661										
Clonazepam	316.1 -> 269...	10/4/2018 9:03 AM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.219	29702										
Cocaine	304.2 -> 182...	10/4/2018 9:03 AM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.692	455583										
Codeine	300.2 -> 215...	10/4/2018 9:03 AM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	5.200	98725										
Cyclobenzaprine	276.2 -> 214...	10/4/2018 9:03 AM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.573	836392										
Dextromethorphan	272.2 -> 171...	10/4/2018 9:03 AM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	6.228	645412										
Dextrorphan	258.2 -> 157...	10/4/2018 9:03 AM					258.2 -> 133...				Dextrorphan-D3	261.2 -> 157...	5.578	320085										
Diazepam	285.1 -> 193...	10/4/2018 9:03 AM					285.1 -> 153...				Diazepam-D5	290.1 -> 198...	6.591	383889										
Dihydrocodeine	302.2 -> 198...	10/4/2018 9:03 AM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	5.017	259680										
Diphenhydramine	256.2 -> 167...	10/4/2018 9:03 AM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	6.087	16427...										
Doxylamine	271.2 -> 182...	10/4/2018 9:03 AM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.657	17479...										
EDDP	279.2 -> 235...	10/4/2018 9:03 AM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	6.042	64550										
Fentanyl	337.2 -> 105...	10/4/2018 9:03 AM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	6.379	23295...										
Fluoxetine	310.1 -> 44.3	10/4/2018 9:03 AM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.322	22702...										
Hydrocodone	300.2 -> 198...	10/4/2018 9:03 AM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	5.405	315695										
Hydromorphone	286.2 -> 184...	10/4/2018 9:03 AM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	4.859	179273										
Ketamine	238.1 -> 125...	10/4/2018 9:03 AM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.824	10309...										
Meprobamate	219.1 -> 158...	10/4/2018 9:03 AM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.479	3836										
Methadone	310.2 -> 265...	10/4/2018 9:03 AM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.322	12441...										
Methamphetamine	150.1 -> 91.1	10/4/2018 9:03 AM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	5.194	485153										
Metoprolol	268.2 -> 116...	10/4/2018 9:03 AM					268.2 -> 56.3				Carisoprodol-D7	268.2 -> 183...	5.964	64225										
Mirtazapine	266.2 -> 195...	10/4/2018 9:03 AM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.964	64225										
Mitragynine	399.2 -> 174...	10/4/2018 9:03 AM	0.640	17	0.49		399.2 -> 238...				Quetiapine-D8	392.2 -> 226...	6.539	608616										
Morphine	286.2 -> 201...	10/4/2018 9:03 AM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.697	511										
Norbuprenorphine	414.3 -> 101...	10/4/2018 9:03 AM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.990	17372										
Nordiazepam	271.1 -> 140...	10/4/2018 9:03 AM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.432	124864										
Norfentanyl	233.2 -> 84.2	10/4/2018 9:03 AM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.334	10871...										
Norhydrocodone	286.2 -> 199...	10/4/2018 9:03 AM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	5.244	113406										
Noroxycodone	302.1 -> 284...	10/4/2018 9:03 AM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	5.099	137774										
O-desmethyl-tramadol	250.2 -> 58.3	10/4/2018 9:03 AM					250.2 -> 42.3				O-desmethyl-tramadol...	256.2 -> 64.3	4.968	867797										
Oxazepam	287.1 -> 240...	10/4/2018 9:03 AM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.265	77277										
Oxycodone	316.2 -> 298...	10/4/2018 9:03 AM					316.2 -> 241...				Oxycodone-D6	322.2 -> 304...	5.178	288995										
Oxymorphone	302.1 -> 284...	10/4/2018 9:03 AM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.552	782762										
Phentermine	150.1 -> 65.2	10/4/2018 9:03 AM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	5.215	480133										
Promethazine	285.1 -> 86.2	10/4/2018 9:03 AM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.672	11927...										
Quetiapine	384.2 -> 253...	10/4/2018 9:03 AM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.539	608616										
Sertraline	306.1 -> 158...	10/4/2018 9:03 AM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.831	489190										
Temazepam	301.1 -> 255...	10/4/2018 9:03 AM					301.1 -> 283...				Temazepam-D5	306.1 -> 280...	6.407	995048										
Tramadol	264.2 -> 58.3	10/4/2018 9:03 AM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.474	24273...										

P

Compound Method		p1 negative reinject1				p1 negative reinject1 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.	MI			
Trazodone	372.2 -> 176...	10/4/2018 9:03 AM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	6.967	18329...				
Venlafaxine	278.2 -> 58.3	10/4/2018 9:03 AM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	5.778	875014				
Zolpidem	308.2 -> 235...	10/4/2018 9:03 AM					308.2 -> 263...				Zolpidem-D6	314.2 -> 235...	6.261	30321...				

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	MI
6-MAM	328.2 -> 165...	10/3/2018 5:57 PM					328.2 -> 211...				6-MAM-D6	334.2 -> 165...	5.218	77940	
7-aminoclonazepam	286.1 -> 121...	10/3/2018 5:57 PM					286.1 -> 222...				7-Aminoclonazepam-D4	290.1 -> 121...	5.367	216407	
Benzoylcegonine	290.1 -> 168...	10/3/2018 5:57 PM					290.1 -> 105...				Benzoylcegonine-D8	298.2 -> 171...	5.182	4088	
a-hydroxyalprazolam	325.1 -> 297...	10/3/2018 5:57 PM					325.1 -> 215...				a-hydroxyalprazolam-D5	330.1 -> 302...	6.238	100667	
alpha-PVP	232.2 -> 91.0	10/3/2018 5:57 PM					232.2 -> 77.1				alpha-PVP-d8	240.2 -> 91.1	5.661	937267	
Alprazolam	309.1 -> 281...	10/3/2018 5:57 PM					309.1 -> 205...				Alprazolam-D5	314.1 -> 286...	6.343	851808	
Amphetamine	136.1 -> 91.1	10/3/2018 5:57 PM					136.1 -> 119...				Amphetamine-D11	147.2 -> 130...	4.973	63540	
Cocaine	304.2 -> 182...	10/3/2018 5:57 PM					304.2 -> 105...				Cocaine-D3	307.2 -> 185...	5.651	422896	
Bupropion	240.1 -> 184...	10/3/2018 5:57 PM					240.1 -> 131...				Bupropion-D9	249.2 -> 185...	5.845	159028	
Carisoprodol	261.2 -> 176...	10/3/2018 5:57 PM					261.2 -> 65.3				Carisoprodol-D7	268.2 -> 183...	5.964	62952	
Citalopram	325.2 -> 109...	10/3/2018 5:57 PM					325.2 -> 262...				Citalopram-D6	331.2 -> 109...	6.156	596488	
Clonazepam	316.1 -> 269...	10/3/2018 5:57 PM					316.1 -> 213...				Clonazepam-D4	320.1 -> 217...	6.199	30036	
Codeine	300.2 -> 215...	10/3/2018 5:57 PM					300.2 -> 165...				Codeine-D6	306.2 -> 218...	5.139	98506	
Cyclobenzaprine	276.2 -> 214...	10/3/2018 5:57 PM					276.2 -> 231...				Cyclobenzaprine-D3	279.2 -> 215...	6.512	599170	
Dextromethorphan	272.2 -> 171...	10/3/2018 5:57 PM					272.2 -> 147...				Dextromethorphan-D3	275.2 -> 171...	6.188	634032	
Dextrorphan	258.2 -> 157...	10/3/2018 5:57 PM					258.2 -> 133...				Dextrorphan-D3	261.2 -> 157...	5.517	290827	
Diazepam	285.1 -> 193...	10/3/2018 5:57 PM	6.612	900856	125570...		285.1 -> 153...	13595...	4878...		Diazepam-D5	290.1 -> 198...	6.591	342641	
Dihydrocodeine	302.2 -> 198...	10/3/2018 5:57 PM					302.2 -> 128...				Dihydrocodeine-D6	308.2 -> 202...	4.997	221418	
Diphenhydramine	256.2 -> 167...	10/3/2018 5:57 PM					256.2 -> 152...				Diphenhydramine-D3	259.2 -> 167...	6.067	12760...	
Doxylamine	271.2 -> 182...	10/3/2018 5:57 PM					271.2 -> 167...				Doxylamine-D5	276.2 -> 187...	5.636	17337...	
EDDP	279.2 -> 235...	10/3/2018 5:57 PM					279.2 -> 250...				EDDP-D3	282.2 -> 235...	6.022	61066	
Fentanyl	337.2 -> 105...	10/3/2018 5:57 PM					337.2 -> 188...				Fentanyl-D5	342.3 -> 105...	6.359	22807...	
Fluoxetine	310.1 -> 44.3	10/3/2018 5:57 PM					310.1 -> 148...				Fluoxetine-D6	316.2 -> 44.3	6.302	20413...	
Hydrocodone	300.2 -> 198...	10/3/2018 5:57 PM					300.2 -> 128...				Hydrocodone-D6	306.2 -> 202...	5.343	280902	
Hydromorphone	286.2 -> 184...	10/3/2018 5:57 PM					286.2 -> 157...				Hydromorphone-D6	292.2 -> 185...	4.799	181027	
Ketamine	238.1 -> 125...	10/3/2018 5:57 PM					238.1 -> 220...				Ketamine-D4	242.1 -> 129...	5.762	10098...	
Metoprolol	268.2 -> 116...	10/3/2018 5:57 PM	5.576	470040	344.10		268.2 -> 56.3	553546	398.56		Carisoprodol-D7	268.2 -> 183...	5.964	62952	
Mirtazapine	266.2 -> 195...	10/3/2018 5:57 PM					266.2 -> 72.3				Carisoprodol-D7	268.2 -> 183...	5.964	62952	
Meprobamate	219.1 -> 158...	10/3/2018 5:57 PM					219.1 -> 97.1				Meprobamate-D7	226.2 -> 165...	5.438	6128	
Methadone	310.2 -> 265...	10/3/2018 5:57 PM					310.2 -> 105...				Methadone-D9	319.3 -> 268...	6.301	11130...	
Methamphetamine	150.1 -> 91.1	10/3/2018 5:57 PM					150.1 -> 119...				Methamphetamine-D11	161.2 -> 97.1	5.154	498986	
Morphine	286.2 -> 201...	10/3/2018 5:57 PM					286.2 -> 165...				Morphine-D6	292.2 -> 152...	4.577	22443	
Norbuprenorphine	414.3 -> 101...	10/3/2018 5:57 PM					414.3 -> 57.3				Norbuprenorphine-D3	417.3 -> 101...	5.970	21006	
Nordiazepam	271.1 -> 140...	10/3/2018 5:57 PM					271.1 -> 208...				Nordiazepam-D5	276.1 -> 140...	6.432	104538	
Norfentanyl	233.2 -> 84.2	10/3/2018 5:57 PM					233.2 -> 55.3				Norfentanyl-D5	238.2 -> 84.2	5.293	10366...	
Norhydrocodone	286.2 -> 199...	10/3/2018 5:57 PM					286.2 -> 171...				Norhydrocodone-D3	289.2 -> 202...	5.224	127454	
Noroxycodone	302.1 -> 284...	10/3/2018 5:57 PM					302.1 -> 186...				Noroxycodone-D3	305.2 -> 287...	5.099	77024	
O-desmethyl-tramadol	250.2 -> 58.3	10/3/2018 5:57 PM					250.2 -> 42.3				O-desmethyl-tramadol...	256.2 -> 64.3	4.907	817246	
Oxazepam	287.1 -> 240...	10/3/2018 5:57 PM					287.1 -> 268...				Oxazepam-D5	292.1 -> 246...	6.265	62826	
Oxycodone	316.2 -> 298...	10/3/2018 5:57 PM	5.158	10605...	929.87		316.2 -> 241...	190521	287.63		Oxycodone-D6	322.2 -> 304...	5.117	310243	
Oxymorphone	302.1 -> 284...	10/3/2018 5:57 PM					302.1 -> 227...				Oxymorphone-D3	305.2 -> 287...	4.512	696912	
Phentermine	150.1 -> 65.2	10/3/2018 5:57 PM					150.1 -> 133...				Phentermine-D5	155.2 -> 96.2	5.194	474808	
Promethazine	285.1 -> 86.2	10/3/2018 5:57 PM					285.1 -> 71.3				Promethazine-D3	288.2 -> 89.2	6.652	801121	
Quetiapine	384.2 -> 253...	10/3/2018 5:57 PM					384.2 -> 221...				Quetiapine-D8	392.2 -> 226...	6.539	501948	
Sertraline	306.1 -> 158...	10/3/2018 5:57 PM					306.1 -> 275...				Sertraline-D3	309.1 -> 275...	6.771	720529	
Temazepam	301.1 -> 255...	10/3/2018 5:57 PM					301.1 -> 283...				Temazepam-D5	306.1 -> 260...	6.407	714698	
Tramadol	264.2 -> 58.3	10/3/2018 5:57 PM					264.2 -> 43.3				Tramadol-13C-D3	268.2 -> 58.3	5.453	24060...	
Trazodone	372.2 -> 176...	10/3/2018 5:57 PM					372.2 -> 148...				Trazodone-D6	378.2 -> 182...	6.945	12566...	

P

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	MI										
Venlafaxine	278.2 -> 58.3	10/3/2018 5:57 PM					278.2 -> 260...				Venlafaxine-D6	284.2 -> 64.3	5.737	781838											
Zolpidem	308.2 -> 235...	10/3/2018 5:57 PM					308.2 -> 263...				Zolpidem-D6	314.2 -> 235...	6.261	28663...											
Mitragynine	399.2 -> 174...	10/3/2018 5:57 PM					399.2 -> 238...				Quetiapine-D8	392.2 -> 226...	6.539	501948											

D

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.	MI	
7-aminoflunitrazepam	284.1 -> 135...	10/3/2018 4:10 PM	5.562	53128	327.40		284.1 -> 93.2	2584	13.04		7-aminoflunitrazepam-D7	291.2 -> 138...	5.541	268982		
Acetyl Fentanyl	323.2 -> 105...	10/3/2018 4:10 PM	6.207	15455	Infinity		323.2 -> 188	3670	17.01		Acetyl Fentanyl-D5	328.2 -> 105...	6.186	881508		
Acetyl Norfentanyl	219.1 -> 84.2	10/3/2018 4:10 PM	4.919	5586	15.57		219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.877	357660		
alpha-hydroxymidazolam	342.1 -> 324...	10/3/2018 4:10 PM	6.347	54683	22.28		342.1 -> 203...	41337	63.98		alpha-hydroxymidazolam-...	346.1 -> 328...	6.346	347625		
Amitriptyline	278.2 -> 91.2	10/3/2018 4:10 PM	6.682	2473...	Infinity		278.2 -> 105...	91837	Infinity		Amitriptyline-D3	281.2 -> 91.2	6.619	514889		
Carbamazepine	237.1 -> 193...	10/3/2018 4:10 PM	5.997	30285	49.56		237.1 -> 194...	2357...	131.08		Carbamazepine-13C6	243.1 -> 200...	5.996	14094...		
Chlordiazepoxide	300.1 -> 227...	10/3/2018 4:10 PM	6.494	23926	41.92		300.1 -> 282...	56691	17.03		Chlordiazepoxide-D5	305.1 -> 286...	6.494	596467		
Desipramine	267.2 -> 72.3	10/3/2018 4:10 PM	6.541	2995...	20.61		267.2 -> 44.3	1302	10.24		Desipramine-D3	270.2 -> 75.3	6.541	15353...		
Doxepin	280.2 -> 107...	10/3/2018 4:10 PM	6.477	78154	28.48		280.2 -> 77.2	38840	Infinity		Doxepin-D3	283.2 -> 107...	6.395	298977		
Estazolam	295.1 -> 267...	10/3/2018 4:10 PM	6.272	84140	119.81		295.1 -> 205...	42942	83.26		Estazolam-D5	300.1 -> 272...	6.271	617742		
Flunitrazepam	314.1 -> 268...	10/3/2018 4:10 PM	6.330	89236	221.61		314.1 -> 239...	25269	31.49		Flunitrazepam-D7	321.1 -> 245...	6.329	34399...		
Flurazepam	388.2 -> 315...	10/3/2018 4:10 PM	6.364	1925...	249.32		388.2 -> 317...	30471	77.65		Zopiclone-D4	393.1 -> 244...	6.323	69620...		
Imipramine	281.2 -> 86.2	10/3/2018 4:10 PM	6.660	3639...	7.63		281.2 -> 58.3	2298...	8.16		Imipramine-D3	284.2 -> 61.3	6.599	11588...		
Levamisole	205.1 -> 91.2	10/3/2018 4:10 PM	5.450	38352	3.61		205.1 -> 178...	40049	6936...		MDMA-D6	200.2 -> 166...	5.451	18175...		
Maprotiline	278.2 -> 91.2	10/3/2018 4:10 PM	6.031	65570	Infinity		278.2 -> 117...	880	269.00		Meperidine-D4	252.2 -> 224...	5.689	296086		
MDA	180.1 -> 163...	10/3/2018 4:10 PM	5.311	58564	16.08		180.1 -> 105...	15916	Infinity		MDA-D5	185.1 -> 168...	5.290	145830		
MDEA	208.1 -> 163...	10/3/2018 4:10 PM	5.593	94595	10.05		208.1 -> 105...	42105	2.83		MDEA-D6	214.2 -> 166...	5.551	227592		
MDMA	194.1 -> 163...	10/3/2018 4:10 PM	5.431	1132...	75.66		194.1 -> 105...	42185	2.52		MDMA-D6	200.2 -> 166...	5.451	18175...		
Meperidine	248.2 -> 220...	10/3/2018 4:10 PM	5.730	68955	112.33		248.2 -> 174...	43044	12.69		Meperidine-D4	252.2 -> 224...	5.689	296086		
Methylphenidate	234.2 -> 84.2	10/3/2018 4:10 PM	5.549	2220...	Infinity		234.2 -> 56.3	40744	Infinity		Meperidine-D4	252.2 -> 224...	5.689	296086		
Midazolam	326.1 -> 223...	10/3/2018 4:10 PM	6.511	31031	67.06		326.1 -> 249...	41549	327.34		Midazolam-D4	330.1 -> 295...	6.510	618060		
Normeperidine	234.1 -> 42.3	10/3/2018 4:10 PM	5.652	55429	47.27		234.1 -> 160...	27806	8684...		Normeperidine-D4	238.2 -> 164...	5.631	360700		
Nortriptyline	264.2 -> 91.2	10/3/2018 4:10 PM	6.440	3217...	2.46		264.2 -> 233...	2474...	1.96		Nortriptyline-D3	267.2 -> 233...	6.541	243959		
Phenazepam	349.0 -> 206...	10/3/2018 4:10 PM	6.386	34066	773.59		349.0 -> 183...	20600	784.87		Phenazepam-D4	353.0 -> 183...	6.386	15024...		
Phencyclidine	244.2 -> 86.2	10/3/2018 4:10 PM	5.934	74013	150.99		244.2 -> 91.1	58057	11.30		Phencyclidine-D5	249.2 -> 86.2	5.913	390938		
Phenytol	253.1 -> 104...	10/3/2018 4:10 PM	5.912	3514	Infinity		253.1 -> 182...	956	190.10		Phenytol-D10	263.2 -> 192...	5.871	15626...		
Pseudoephedrine	166.1 -> 148...	10/3/2018 4:10 PM	4.725	1819...	Infinity		166.1 -> 133...	3459...	31.15		Pseudoephedrine-D3	169.1 -> 151...	4.704	602378		
Sufentanil	387.2 -> 238...	10/3/2018 4:10 PM	6.709	24325	267.78		387.2 -> 111...	19080	33.49		Sufentanil-D5	392.2 -> 238...	6.707	11924...		
Tapentadol	222.2 -> 107...	10/3/2018 4:10 PM	5.408	1272...	154.56		222.2 -> 121...	51666	1189...		Tapentadol-D3	225.2 -> 107...	5.428	540708		
Zaleplon	306.1 -> 236...	10/3/2018 4:10 PM	6.128	86119	2531.64		306.1 -> 264...	82319	20.86		Zaleplon-D4	310.2 -> 240...	6.107	287261		
Zopiclone	389.1 -> 244...	10/3/2018 4:10 PM	6.303	5155	12.01		389.1 -> 216...	2534	464.29		Zopiclone-D4	393.1 -> 244...	6.323	69620...		

Sample reinjected due to retention time shifts in internal standard. ↴



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Compound Method		p2 cal 1b reinject1	p2 cal 1b reinject1 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.	MI
7-aminoflunitrazepam	284.1 -> 135...	10/4/2018 8:44 A...	5.582	16439	61.55	1	284.1 -> 93.2	1327	9.79	1	7-aminoflunitrazepam-D7	291.2 -> 138...	5.562	83626	1
Acetyl Fentanyl	323.2 -> 105...	10/4/2018 8:44 A...	6.207	15155	20.20	1	323.2 -> 188...	6193	11.99	1	Acetyl Fentanyl-D5	328.2 -> 105...	6.206	941767	1
Acetyl Norfentanyl	219.1 -> 84.2	10/4/2018 8:44 A...	4.959	6331	81.57	1	219.1 -> 56.3	2565	Infinity	1	Acetyl Norfentanyl-D5	224.2 -> 84.2	4.938	323101	1
alpha-hydroxymidazol...	342.1 -> 324...	10/4/2018 8:44 A...	6.346	60120	292.74	1	342.1 -> 203...	45492	104.04	1	alpha-hydroxymidazolam-	346.1 -> 328...	6.346	357695	1
Amitriptyline	278.2 -> 91.2	10/4/2018 8:44 A...	6.722	249205	22.31	1	278.2 -> 105...	84218	Infinity	1	Amitriptyline-D3	281.2 -> 91.2	6.659	500774	1
Carbamazepine	237.1 -> 193...	10/4/2018 8:44 A...	5.997	32990	7472.93	1	237.1 -> 194...	2258...	200.51	1	Carbamazepine-13C6	243.1 -> 200...	5.996	13527...	1
Chlordiazepoxide	300.1 -> 227...	10/4/2018 8:44 A...	6.494	25564	62.21	1	300.1 -> 282...	48547	18.35	1	Chlordiazepoxide-D5	305.1 -> 286...	6.494	551861	1
Desipramine	267.2 -> 72.3	10/4/2018 8:44 A...	6.561	225304	11.04	1	267.2 -> 44.3	1255...	15.95	1	Desipramine-D3	270.2 -> 75.3	6.561	13564...	1
Doxepin	280.2 -> 107...	10/4/2018 8:44 A...	6.436	74387	181.93	1	280.2 -> 77.2	35676	Infinity	1	Doxepin-D3	283.2 -> 107...	6.415	405018	1
Estazolam	295.1 -> 267...	10/4/2018 8:44 A...	6.272	98882	19230...	1	295.1 -> 205...	47509	11733...	1	Estazolam-D5	300.1 -> 272...	6.271	670654	1
Flunitrazepam	314.1 -> 268...	10/4/2018 8:44 A...	6.329	89258	362.16	1	314.1 -> 239...	21391	50.15	1	Flunitrazepam-D7	321.1 -> 245...	6.309	31144	1
Flurazepam	388.2 -> 315...	10/4/2018 8:44 A...	6.384	205013	Infinity	1	388.2 -> 317...	32427	4489.92	1	Zopiclone-D4	393.1 -> 244...	6.343	72996	1
Imipramine	281.2 -> 86.2	10/4/2018 8:44 A...	6.659	236468	12.98	1	281.2 -> 58.3	1521...	3.61	1	imipramine-D3	284.2 -> 61.3	6.658	12543...	1
Levamisole	205.1 -> 91.2	10/4/2018 8:44 A...	5.531	32829	Infinity	1	205.1 -> 178...	27516	7.05	1	MDMA-D6	200.2 -> 166...	5.471	20088	1
Maprotiline	278.2 -> 91.2	10/4/2018 8:44 A...	6.072	69490	Infinity	1	278.2 -> 117...	632	Infinity	1	Meperidine-D4	252.2 -> 224...	5.749	306211	1
MDA	180.1 -> 163...	10/4/2018 8:44 A...	5.391	56952	Infinity	1	180.1 -> 105...	15222	Infinity	1	MDA-D5	185.1 -> 168...	5.350	130662	1
MDEA	208.1 -> 163...	10/4/2018 8:44 A...	5.592	87371	9.96	1	208.1 -> 105...	54355	307.00	1	MDEA-D6	214.2 -> 166...	5.572	215238	1
MDMA	194.1 -> 163...	10/4/2018 8:44 A...	5.532	111557	Infinity	1	194.1 -> 105...	43779	3.01	1	MDMA-D6	200.2 -> 166...	5.471	20088	1
Meperidine	248.2 -> 220...	10/4/2018 8:44 A...	5.750	56795	144.03	1	248.2 -> 174...	42598	9459.54	1	Meperidine-D4	252.2 -> 224...	5.749	306211	1
Methylphenidate	234.2 -> 84.2	10/4/2018 8:44 A...	5.611	219988	206.74	1	234.2 -> 56.3	41933	36.28	1	Meperidine-D4	252.2 -> 224...	5.749	306211	1
Midazolam	326.1 -> 223...	10/4/2018 8:44 A...	6.531	30940	82.68	1	326.1 -> 249...	48945	1328.25	1	Midazolam-D4	330.1 -> 295...	6.510	594481	1
Normeperidine	234.1 -> 42.3	10/4/2018 8:44 A...	5.672	54021	21.10	1	234.1 -> 160...	23676	4.26	1	Normeperidine-D4	238.2 -> 164...	5.671	358840	1
Nortriptyline	264.2 -> 91.2	10/4/2018 8:44 A...	6.481	402660	16.43	1	264.2 -> 233...	3526...	9.84	1	Nortriptyline-D3	267.2 -> 233...	6.561	329599	1
Phenazepam	349.0 -> 206...	10/4/2018 8:44 A...	6.386	30288	79.69	1	349.0 -> 183...	23517	106.71	1	Phenazepam-D4	353.0 -> 183...	6.406	12841	1
Phencyclidine	244.2 -> 86.2	10/4/2018 8:44 A...	5.954	66238	12.16	1	244.2 -> 91.1	76407	12.24	1	Phencyclidine-D5	249.2 -> 86.2	5.953	425448	1
Phenytoin	253.1 -> 104...	10/4/2018 8:44 A...	5.912	4053	Infinity	1	253.1 -> 182...	1053	Infinity	1	Phenytoin-D10	263.2 -> 192...	5.891	14891	1
Pseudoephedrine	166.1 -> 148...	10/4/2018 8:44 A...	4.745	18726	111.56	1	166.1 -> 133...	3794...	193.16	1	Pseudoephedrine-D3	169.1 -> 151...	4.725	621961	1
Sufentanil	387.2 -> 238...	10/4/2018 8:44 A...	6.789	23801	Infinity	1	387.2 -> 111...	18116	9.06	1	Sufentanil-D5	392.2 -> 238...	6.727	12214...	1
Tapentadol	222.2 -> 107...	10/4/2018 8:44 A...	5.469	120298	526.95	1	222.2 -> 121...	50423	82.14	1	Tapentadol-D3	225.2 -> 107...	5.468	497993	1
Zaleplon	306.1 -> 236...	10/4/2018 8:44 A...	6.128	86077	17497...	1	306.1 -> 264...	94131	245.25	1	Zaleplon-D4	310.2 -> 240...	6.107	285611	1
Zopiclone	389.1 -> 244...	10/4/2018 8:44 A...	6.323	5983	24.84	1	389.1 -> 216...	2743	Infinity	1	Zopiclone-D4	393.1 -> 244...	6.343	72996	1

8

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	MI
7-aminoflunitrazepam	284.1 -> 135...	10/3/2018 6:07 PM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138...	5.541	822398	
Acetyl Fentanyl	323.2 -> 105...	10/3/2018 6:07 PM					323.2 -> 188...				Acetyl Fentanyl-D5	328.2 -> 105...	6.186	15195...	
Acetyl Norfentanyl	219.1 -> 84.2	10/3/2018 6:07 PM					219.1 -> 58.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.897	644752	
alpha-hydroxymidazola...	342.1 -> 324...	10/3/2018 6:07 PM					342.1 -> 203...				alpha-hydroxymidazolam...	346.1 -> 328...	6.346	577317	
Amitriptyline	278.2 -> 91.2	10/3/2018 6:07 PM					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.639	923951	
Carbamazepine	237.1 -> 193...	10/3/2018 6:07 PM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200...	5.996	21964...	
Chlordiazepoxide	300.1 -> 227...	10/3/2018 6:07 PM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286...	6.494	991462	
Desipramine	267.2 -> 72.3	10/3/2018 6:07 PM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.541	26625...	
Doxepin	280.2 -> 107...	10/3/2018 6:07 PM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107...	6.395	582667	
Estazolam	295.1 -> 267...	10/3/2018 6:07 PM					295.1 -> 205...				Estazolam-D5	300.1 -> 272...	6.271	924755	
Flunitrazepam	314.1 -> 268...	10/3/2018 6:07 PM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.309	70318	
Flurazepam	388.2 -> 315...	10/3/2018 6:07 PM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	6.302	248916	
Imipramine	281.2 -> 86.2	10/3/2018 6:07 PM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.598	20552...	
Levamisole	205.1 -> 91.2	10/3/2018 6:07 PM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	5.430	33822	
Maprotiline	278.2 -> 91.2	10/3/2018 6:07 PM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.689	498028	
MDA	180.1 -> 163...	10/3/2018 6:07 PM					180.1 -> 105...				MDA-D5	185.1 -> 168...	5.270	248064	
MDEA	208.1 -> 163...	10/3/2018 6:07 PM					208.1 -> 105...				MDEA-D6	214.2 -> 166...	5.530	398332	
MDMA	194.1 -> 163...	10/3/2018 6:07 PM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	5.430	33822	
Meperidine	248.2 -> 220...	10/3/2018 6:07 PM	5.709	925593	43.48		248.2 -> 174...	6962...	49.80		Meperidine-D4	252.2 -> 224...	5.689	498028	
Methylphenidate	234.2 -> 84.2	10/3/2018 6:07 PM					234.2 -> 56.3				Mependine-D4	252.2 -> 224...	5.689	498028	
Midazolam	326.1 -> 223...	10/3/2018 6:07 PM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.510	929971	
Normeperidine	234.1 -> 42.3	10/3/2018 6:07 PM	5.529	20907	7.77		234.1 -> 160...				Normeperidine-D4	238.2 -> 164...	5.630	627809	
Nortriptyline	264.2 -> 91.2	10/3/2018 6:07 PM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.541	668308	
Phenazepam	349.0 -> 206...	10/3/2018 6:07 PM					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.385	17701	
Phencyclidine	244.2 -> 86.2	10/3/2018 6:07 PM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.933	798490	
Phenytoin	253.1 -> 104...	10/3/2018 6:07 PM					253.1 -> 182...				Phenytoin-D10	263.2 -> 192...	5.870	18841	
Pseudoephedrine	166.1 -> 148...	10/3/2018 6:07 PM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.704	13358...	
Sufentanil	387.2 -> 238...	10/3/2018 6:07 PM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	6.727	19832...	
Tapentadol	222.2 -> 107...	10/3/2018 6:07 PM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.428	847585	
Zaleplon	306.1 -> 236...	10/3/2018 6:07 PM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.107	444048	
Zopiclone	389.1 -> 244...	10/3/2018 6:07 PM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	6.302	248916	

Compound Method		p2 negative reinject1		p2 negative reinject1 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	MI	
7-aminoflunitrazepam	284.1 -> 135...	10/4/2018 9:13 AM					284.1 -> 93.2				7-aminoflunitrazepam-D7	291.2 -> 138	5.562	236059		
Acetyl Fentanyl	323.2 -> 105...	10/4/2018 9:13 AM					323.2 -> 188..				Acetyl Fentanyl-D5	328.2 -> 105	6.206	16323..		
Acetyl Norfentanyl	219.1 -> 84.2	10/4/2018 9:13 AM					219.1 -> 56.3				Acetyl Norfentanyl-D5	224.2 -> 84.2	4.918	556517		
alpha-hydroxymidazol...	342.1 -> 324...	10/4/2018 9:13 AM					342.1 -> 203...				alpha-hydroxymidazolam...	346.1 -> 328	6.346	530939		
Amitriptyline	278.2 -> 91.2	10/4/2018 9:13 AM					278.2 -> 105...				Amitriptyline-D3	281.2 -> 91.2	6.659	964085		
Carbamazepine	237.1 -> 193...	10/4/2018 9:13 AM					237.1 -> 194...				Carbamazepine-13C6	243.1 -> 200	5.996	22379..		
Chlordiazepoxide	300.1 -> 227...	10/4/2018 9:13 AM					300.1 -> 282...				Chlordiazepoxide-D5	305.1 -> 286	6.494	965408		
Desipramine	267.2 -> 72.3	10/4/2018 9:13 AM					267.2 -> 44.3				Desipramine-D3	270.2 -> 75.3	6.561	25310..		
Doxepin	280.2 -> 107...	10/4/2018 9:13 AM					280.2 -> 77.2				Doxepin-D3	283.2 -> 107	6.415	768984		
Estazolam	295.1 -> 267...	10/4/2018 9:13 AM					295.1 -> 205...				Estazolam-D5	300.1 -> 272	6.271	10365..		
Flunitrazepam	314.1 -> 268...	10/4/2018 9:13 AM					314.1 -> 239...				Flunitrazepam-D7	321.1 -> 245...	6.309	56173		
Flurazepam	388.2 -> 315...	10/4/2018 9:13 AM					388.2 -> 317...				Zopiclone-D4	393.1 -> 244...	6.323	319177		
Imipramine	281.2 -> 86.2	10/4/2018 9:13 AM					281.2 -> 58.3				Imipramine-D3	284.2 -> 61.3	6.638	24494..		
Levamisole	205.1 -> 91.2	10/4/2018 9:13 AM					205.1 -> 178...				MDMA-D6	200.2 -> 166...	5.511	31932		
Maprotiline	278.2 -> 91.2	10/4/2018 9:13 AM					278.2 -> 117...				Meperidine-D4	252.2 -> 224...	5.749	562722		
MDA	180.1 -> 163...	10/4/2018 9:13 AM					180.1 -> 105...				MDA-D5	185.1 -> 168	5.330	251459		
MDEA	208.1 -> 163...	10/4/2018 9:13 AM					208.1 -> 105...				MDEA-D6	214.2 -> 166	5.572	480679		
MDMA	194.1 -> 163...	10/4/2018 9:13 AM					194.1 -> 105...				MDMA-D6	200.2 -> 166...	5.511	31932		
Meperidine	248.2 -> 220...	10/4/2018 9:13 AM					248.2 -> 174...				Meperidine-D4	252.2 -> 224...	5.749	562722		
Methylphenidate	234.2 -> 84.2	10/4/2018 9:13 AM					234.2 -> 56.3				Meperidine-D4	252.2 -> 224...	5.749	562722		
Midazolam	326.1 -> 223...	10/4/2018 9:13 AM					326.1 -> 249...				Midazolam-D4	330.1 -> 295...	6.510	979015		
Normeperidine	234.1 -> 42.3	10/4/2018 9:13 AM					234.1 -> 160...				Normeperidine-D4	238.2 -> 164...	5.671	623572		
Nortriptyline	264.2 -> 91.2	10/4/2018 9:13 AM					264.2 -> 233...				Nortriptyline-D3	267.2 -> 233...	6.561	745191		
Phenazepam	349.0 -> 206...	10/4/2018 9:13 AM					349.0 -> 183...				Phenazepam-D4	353.0 -> 183...	6.385	20767		
Phencyclidine	244.2 -> 86.2	10/4/2018 9:13 AM					244.2 -> 91.1				Phencyclidine-D5	249.2 -> 86.2	5.953	850159		
Phenytoin	253.1 -> 104...	10/4/2018 9:13 AM					253.1 -> 182...				Phenytoin-D10	263.2 -> 192...	5.891	24962		
Pseudoephedrine	166.1 -> 148...	10/4/2018 9:13 AM					166.1 -> 133...				Pseudoephedrine-D3	169.1 -> 151...	4.725	12298..		
Sufentanil	387.2 -> 238...	10/4/2018 9:13 AM					387.2 -> 111...				Sufentanil-D5	392.2 -> 238...	6.747	22998..		
Tapentadol	222.2 -> 107...	10/4/2018 9:13 AM					222.2 -> 121...				Tapentadol-D3	225.2 -> 107...	5.468	826980		
Zaleplon	306.1 -> 236...	10/4/2018 9:13 AM					306.1 -> 264...				Zaleplon-D4	310.2 -> 240...	6.107	508155		
Zopiclone	389.1 -> 244...	10/4/2018 9:13 AM					389.1 -> 216...				Zopiclone-D4	393.1 -> 244...	6.323	319177		