

Supplementary Materials: Determination of prenatal substance exposure using meconium and Orbitrap mass spectrometry

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Table S1. Substances identified in meconium samples.

N°.	Substances identified in meconium
1	Biomarkers of tobacco exposure: Anabasine, nicotine, cotinine-N-oxide, trans-3-hydroxycotinine, cotinine
	Biomarkers of cannabis exposure: Cannabinol, THC-COOH-glucuronide
2	Biomarkers of tobacco exposure: Anabasine, cotinine
	Biomarkers of cannabis exposure: Cannabinol; THC-COOH, THC-COOH-glucuronide
	Pharmaceuticals: Ropivacaine, lidocaine, prilocaine
	clobazam, diazepam, nordiazepam, 4-hydroxynordiazepam, oxazepam, temazepam, norfentanyl, salbutamol
3	Biomarkers of tobacco exposure: Anabasine, cotinine, trans-3-hydroxycotinine
	Biomarkers of cannabis exposure: Cannabinol, THC-COOH-glucuronide
	Biomarkers of cocaine exposure: Cocaine, benzoylecgonine
	Pharmaceuticals: Metoclopramide, norfentanyl, pantoprazole, paracétamol, ropivacaine, lidocaine
4	Biomarkers of tobacco exposure: Anabasine, nicotine, cotinine, trans-3-hydroxycotinine
	Biomarkers of cocaine exposure: Cocaine, norcocaine, benzoylecgonine, ecgonine methyl ester, norbenzoylecgonine, levamisole (cocaine adulterant), cocaethylene (biomarker of alcohol and cocaine coexposure)
	Pharmaceuticals: Norfentanyl, ropivacaine
	Biomarkers of tobacco exposure: Anabasine, cotinine, nicotine, cotinine-N-oxide, trans-3-hydroxycotinine
5*	Biomarkers of cannabis exposure: Cannabinol, THC-COOH, THC-COOH-glucuronide
	Biomarkers of cocaine exposure: Cocaine, benzoylecgonine
	Pharmaceuticals: Lidocaine, 3-hydroxylidocaine, ropivacaine, norfentanyl, quétiapine
	Biomarkers of tobacco exposure: Anabasine, cotinine
6	Biomarkers of cannabis exposure: 11-OH-THC, cannabinol, THC-COOH-glucuronide
	Pharmaceuticals: Lidocaine, norfentanyl, ropivacaine, secnidazole
	Biomarkers of tobacco exposure: Anabasine, cotinine, cotinine-N-oxide
7	Biomarkers of cocaine exposure:

	Benzoyllecgonine, hydroxybenzoyllecgonine, norbenzoyllecgonine
	Pharmaceuticals: Methadone, EDDP, lidocaine
	Biomarkers of tobacco exposure: Cotinine
8	Pharmaceuticals: Buprenorphine, norbuprenorphine, norfentanyl, diazepam, oxazepam, quetiapine
9	Pharmaceuticals: Bupivacaine, cefazoline, cimetidine, cyamemazine, ropivacaine
	Biomarkers of tobacco exposure: Cotinine, anabasine
10	Pharmaceuticals: Oxazepam, norfentanyl
11	NF
12	Biomarkers of cannabis exposure: THC, 11-OH-THC
	Biomarkers of tobacco exposure: Anabasine, cotinine
13	Biomarkers of cocaine exposure: Benzoyllecgonine, cocaine, ecgonine methyl ester
	Pharmaceuticals: Amoxicillin
	Biomarkers of tobacco exposure: Anabasine
14*	Biomarkers of cannabis exposure: 11-OH-THC, THC-COOH-glucuronide, THC-COOH, cannabicitran, cannabinodiol, THC
	Pharmaceuticals: Bromazepam, 3-hydroxybromazepam, lorazepam, lormetazepam, midazolam, hydroxymidazolam, nordiazepam, oxazepam, temazepam, cefotaxime, domperidone, laudanosine, morphine, N-desmethyltramadol, O-desmethyltramadol, tramadol
	Biomarkers of tobacco exposure: Anabasine
15	Pharmaceuticals: Darunavir, lamivudine, lidocaine, nevirapine, norfentanyl, norlidocaine, ropivacaine, zidovudine
	Biomarkers of tobacco exposure: Cotinine, anabasine
16	Biomarkers of cannabis exposure: THC-COOH-glucuronide, cannabinol
	Pharmaceuticals: 3-hydroxylidocaine, lidocaine, norlidocaine, ropivacaine, methylphenidate, norfentanyl
	Biomarkers of tobacco exposure: Anabasine, cotinine
17	Pharmaceuticals: Lidocaine, norfentanyl, norlidocaine, paracetamol, ropivacaine
	Biomarkers of tobacco exposure: Anabasine, cotinine
18	Pharmaceuticals: EDDP, methadone, midazolam, hydroxymidazolam, levetiracetam, morphine, paracetamol
	Biomarkers of tobacco exposure: Anabasine
19	Pharmaceuticals: Amoxicillin, codeine, cotinine, lamotrigine, morphine, morphine-3-glucuronide, norcodeine, normorphine, paracetamol, nordiazepam, oxazepam, temazepam, zolpidem
	Biomarkers of tobacco exposure: Anabasine, cotinine
20	Pharmaceuticals: Desmethylnepomam, norfentanyl, tramadol

21	Biomarkers of tobacco exposure: Anabasine, cotinine
	Biomarkers of cannabis exposure: THC-COOH
	Pharmaceuticals: 3-hydroxyropivacaine, lidocaine, norfentanyl, norlidocaine, ropivacaine
22	Biomarkers of tobacco exposure: Anabasine, cotinine
	Biomarkers of cannabis exposure: Cannabinol, THC-COOH, THC
	Pharmaceuticals: Ropivacaine, 3-hydroxyropivacaine, lidocaine, norlidocaine, 3-hydroxylidocaine, amoxicillin, cefazolin, ephedrine, lamotrigine, norfentanyl, venlafaxine, N-desmethylvenlafaxine, O-desmethylvenlafaxine
23	Biomarkers of tobacco exposure: Anabasine, cotinine
	Pharmaceuticals: Lidocaine, 3-hydroxylidocaine, ropivacaine, hydroxyzine, cetirizine, 1-(4-chlorophenyl) -phenylmethyl piperazine, codeine, morphine, N-desmethyltramadol, norfentanyl, paracetamol
	Biomarkers of cannabis exposure: THC-OH, THC-COOH
24	Pharmaceuticals: Lidocaine, norlidocaine, norfentanyl, ropivacaine
	Biomarkers of tobacco exposure: Anabasine, cotinine
	Pharmaceuticals: Hydroxyzine, 1-(4-chlorophenyl) -phenylmethyl piperazine, bupivacaine, cimetidine, labetalol, lormetazepam, nicardipine, nordiazepam, oxazepam, temazepam, paracetamol, sertraline, zolpidem
25	Biomarkers of tobacco exposure: Anabasine, cotinine
	Biomarkers of cannabis exposure: Cannabinol, THC-COOH, THC, 11-OH-THC
	Pharmaceuticals: Lidocaine, norlidocaine, ropivacaine
26	Pharmaceuticals: 7-aminoclonazepam, lamotrigine, levetiracetam, norfentanyl, norlidocaine, paracetamol
	Pharmaceuticals: Amoxapine, loxapine, clonidine, oxazepam
	Biomarkers of tobacco exposure: Anabasine
27	Pharmaceuticals: Lidocaine, metoclopramide, morphine, norlidocaine, tramadol