

Laboratoire de Lutry

## Statistiques 2021 / Micropolluants (LC-MS) RV 13C Haute-Pierre départ

| Date                               | 22/11  |     |     |     |     |
|------------------------------------|--------|-----|-----|-----|-----|
| N° échantillon                     | 108088 | nb  | min | max | moy |
| <b>1. Pesticides</b>               |        |     |     |     |     |
| 2,4D*                              | ng/L   | <25 | 1   |     |     |
| aclonifen                          | ng/L   | <5  | 1   |     |     |
| Amidosulfuron*                     | ng/L   | <25 | 1   |     |     |
| Atrazine*                          | ng/L   | <25 | 1   |     |     |
| Azoxystrobin                       | ng/L   | <5  | 1   |     |     |
| Bentazone*                         | ng/L   | <25 | 1   |     |     |
| Boscalid*                          | ng/L   | <25 | 1   |     |     |
| Carbendazim*                       | ng/L   | <25 | 1   |     |     |
| Chlorfenvinphos                    | ng/L   | <5  | 1   |     |     |
| Chloridazon*                       | ng/L   | <25 | 1   |     |     |
| Chlorpyrifos                       | ng/L   | <5  | 1   |     |     |
| Chlortoluron*                      | ng/L   | <25 | 1   |     |     |
| Clethodime                         | ng/L   | <5  | 1   |     |     |
| Clomazone*                         | ng/L   | <25 | 1   |     |     |
| Cyanazine*                         | ng/L   | <5  | 1   |     |     |
| Cybutryne (irgarol)*               | ng/L   | <25 | 1   |     |     |
| Cyproconazole*                     | ng/L   | <25 | 1   |     |     |
| Cyprodinil*                        | ng/L   | <5  | 1   |     |     |
| DEET*                              | ng/L   | <25 | 1   |     |     |
| Diazinon*                          | ng/L   | <5  | 1   |     |     |
| Dichlorprop*                       | ng/L   | <25 | 1   |     |     |
| Diflubenzuron*                     | ng/L   | <25 | 1   |     |     |
| Diflufenican                       | ng/L   | <5  | 1   |     |     |
| Dimefuron                          | ng/L   | <5  | 1   |     |     |
| Dimethachlor                       | ng/L   | <25 | 1   |     |     |
| Dimethenamid                       | ng/L   | <5  | 1   |     |     |
| Dimethoate*                        | ng/L   | <25 | 1   |     |     |
| Dimethomorphe                      | ng/L   | <5  | 1   |     |     |
| Dinoseb                            | ng/L   | 11  | 1   |     |     |
| Diuron*                            | ng/L   | <25 | 1   |     |     |
| Epoxiconazole*                     | ng/L   | <5  | 1   |     |     |
| Ethofumesate                       | ng/L   | <5  | 1   |     |     |
| Fenpropathrin                      | ng/L   | <5  | 1   |     |     |
| Fipronil                           | ng/L   | <5  | 1   |     |     |
| Flazasulfuron*                     | ng/L   | <25 | 1   |     |     |
| Fluazifop P-Butyl                  | ng/L   | <5  | 1   |     |     |
| Flufenacet*                        | ng/L   | <5  | 1   |     |     |
| Fluometuron*                       | ng/L   | <25 | 1   |     |     |
| Fluquinconazole*                   | ng/L   | <5  | 1   |     |     |
| Fluroxypyr-1-méthylheptyle<br>ster | ng/L   | <5  | 1   |     |     |
| Flusilazole*                       | ng/L   | <25 | 1   |     |     |
| Foramsulfuron*                     | ng/L   | <27 | 1   |     |     |
| Imazamox*                          | ng/L   | <25 | 1   |     |     |
| Imidacloprid                       | ng/L   | <5  | 1   |     |     |
| loxynil                            | ng/L   | <5  | 1   |     |     |
| lprovalicarb*                      | ng/L   | <25 | 1   |     |     |
| Isoproturon*                       | ng/L   | <25 | 1   |     |     |

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| Linuron*                                | ng/L  | <25    | 1  |     |     |     |
| MCPA                                    | ng/L  | <5     | 1  |     |     |     |
| Mecoprop (MCP)                          | ng/L  | <5     | 1  |     |     |     |
| Mesotrione*                             | ng/L  | <25    | 1  |     |     |     |
| Metalaxyl*                              | ng/L  | 7      | 1  |     |     |     |
| Metamitron*                             | ng/L  | <25    | 1  |     |     |     |
| Metazachlor*                            | ng/L  | <5     | 1  |     |     |     |
| Metconazole*                            | ng/L  | <25    | 1  |     |     |     |
| Methaldehyde*                           | ng/L  | <25    | 1  |     |     |     |
| Methoxyfenozide                         | ng/L  | <5     | 1  |     |     |     |
| Metolachlor*                            | ng/L  | <5     | 1  |     |     |     |
| Metribuzin*                             | ng/L  | <5     | 1  |     |     |     |
| Napropamid*                             | ng/L  | <5     | 1  |     |     |     |
| Nicosulfuron*                           | ng/L  | <25    | 1  |     |     |     |
| Orbencarb*                              | ng/L  | <25    | 1  |     |     |     |
| Oxadixyl*                               | ng/L  | <5     | 1  |     |     |     |
| Penconazole                             | ng/L  | <5     | 1  |     |     |     |
| Pendimethalin                           | ng/L  | <5     | 1  |     |     |     |
| Phosalone*                              | ng/L  | <5     | 1  |     |     |     |
| Pirimicarbe*                            | ng/L  | <25    | 1  |     |     |     |
| Propamocarb*                            | ng/L  | <25    | 1  |     |     |     |
| Propaquizafop*                          | ng/L  | <25    | 1  |     |     |     |
| Propazine                               | ng/L  | <5     | 1  |     |     |     |
| Propiconazole*                          | ng/L  | <5     | 1  |     |     |     |
| Prosulfocarb                            | ng/L  | <5     | 1  |     |     |     |
| Pymetrozine*                            | ng/L  | <25    | 1  |     |     |     |
| Simazine                                | ng/L  | 5      | 1  |     |     |     |
| Spiroxamine*                            | ng/L  | <25    | 1  |     |     |     |
| Sulcotrione*                            | ng/L  | <25    | 1  |     |     |     |
| Tebuconazole                            | ng/L  | <5     | 1  |     |     |     |
| Terbufos*                               | ng/L  | <25    | 1  |     |     |     |
| Terbutryne*                             | ng/L  | <25    | 1  |     |     |     |
| Terbutylazine*                          | ng/L  | <25    | 1  |     |     |     |
| Thiacloprid                             | ng/L  | <5     | 1  |     |     |     |
| Thiamethoxam*                           | ng/L  | <25    | 1  |     |     |     |
| Thifensulfuron Methyl*                  | ng/L  | <25    | 1  |     |     |     |
| Triflumizole*                           | ng/L  | <5     | 1  |     |     |     |
| <b>2. Métabolites</b>                   |       |        |    |     |     |     |
| 2,6-Dichlorobenzamide*                  | ng/L  | 6      | 1  |     |     |     |
| Chloridazon desphenyl*                  | ng/L  | <25    | 1  |     |     |     |
| Chloridazon methyl desphenyl            | ng/L  | <5     | 1  |     |     |     |
| Deisopropyl atrazine*                   | ng/L  | 8      | 1  |     |     |     |
| Diethyl atrazine*                       | ng/L  | 7      | 1  |     |     |     |
| Dimethachlor ESA                        | ng/L  | <5     | 1  |     |     |     |
| Fludioxonil CGA 192155                  | ng/L  | 90     | 1  |     |     |     |
| Metazachlor ESA                         | ng/L  | <5     | 1  |     |     |     |
| Metazachlor OXA*                        | ng/L  | <25    | 1  |     |     |     |
| Metolachlor ESA                         | ng/L  | <5     | 1  |     |     |     |
| Metolachlor OXA                         | ng/L  | <5     | 1  |     |     |     |
| Terbutylazine CGA 324007                | ng/L  | <5     | 1  |     |     |     |
| Terbutylazine desethyl*                 | ng/L  | <5     | 1  |     |     |     |
| <b>3. Métabolites du chlorothalonil</b> |       |        |    |     |     |     |
| R417888                                 | ng/L  | 6      | 1  |     |     |     |
| R471811                                 | ng/L  | 25     | 1  |     |     |     |
| R611553                                 | ng/L  | <10    | 1  |     |     |     |
| R611965                                 | ng/L  | <10    | 1  |     |     |     |
| R611968                                 | ng/L  | <25    | 1  |     |     |     |

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| SYN507900                               | ng/L  | <5     | 1  |     |     |     |
| SYN546872                               | ng/L  | <5     | 1  |     |     |     |
| SYN548581                               | ng/L  | <25    | 1  |     |     |     |
| <b>4. Médicaments</b>                   |       |        |    |     |     |     |
| Acethylsulfamethoxazole*                | ng/L  | <25    | 1  |     |     |     |
| Acide diatrizoïque                      | ng/L  | <5     | 1  |     |     |     |
| Amisulpride                             | ng/L  | <5     | 1  |     |     |     |
| Atenolol*                               | ng/L  | <25    | 1  |     |     |     |
| Azithromycine*                          | ng/L  | <25    | 1  |     |     |     |
| Bezafibrate*                            | ng/L  | <25    | 1  |     |     |     |
| Carbamazepine*                          | ng/L  | <25    | 1  |     |     |     |
| Carisoprodol*                           | ng/L  | <25    | 1  |     |     |     |
| Citalopram*                             | ng/L  | <25    | 1  |     |     |     |
| Clarithromycin                          | ng/L  | <5     | 1  |     |     |     |
| Clofibrac acid                          | ng/L  | <5     | 1  |     |     |     |
| Diclofenac                              | ng/L  | <5     | 1  |     |     |     |
| Erythromycin*                           | ng/L  | <25    | 1  |     |     |     |
| Gabapentine*                            | ng/L  | <35    | 1  |     |     |     |
| Hydrochlorothiazide                     | ng/L  | <5     | 1  |     |     |     |
| Ibuprofen                               | ng/L  | <5     | 1  |     |     |     |
| Irbesartan*                             | ng/L  | <25    | 1  |     |     |     |
| Ketoprofen*                             | ng/L  | <25    | 1  |     |     |     |
| Lamotrigine                             | ng/L  | <5     | 1  |     |     |     |
| Mefenamic acid                          | ng/L  | <5     | 1  |     |     |     |
| Memantine*                              | ng/L  | <25    | 1  |     |     |     |
| Mepivacaine                             | ng/L  | <5     | 1  |     |     |     |
| Metformin*                              | ng/L  | 99     | 1  |     |     |     |
| Méthénamine                             | ng/L  | <5     | 1  |     |     |     |
| Metoprolol*                             | ng/L  | <31    | 1  |     |     |     |
| Naproxen                                | ng/L  | <5     | 1  |     |     |     |
| Paracetamol*                            | ng/L  | <25    | 1  |     |     |     |
| Propranolol*                            | ng/L  | <25    | 1  |     |     |     |
| Sotalol*                                | ng/L  | <25    | 1  |     |     |     |
| Sulfadimethoxine*                       | ng/L  | <25    | 1  |     |     |     |
| Sulfadimidine                           | ng/L  | <5     | 1  |     |     |     |
| Sulfamethoxazole*                       | ng/L  | <25    | 1  |     |     |     |
| Triméthoprim                            | ng/L  | <5     | 1  |     |     |     |
| Venlafaxine*                            | ng/L  | <25    | 1  |     |     |     |
| <b>6. Diverses substances chimiques</b> |       |        |    |     |     |     |
| 1H-Benzotriazole                        | ng/L  | 135    | 1  |     |     |     |
| 5-Methyl-1H-benzotriazole*              | ng/L  | 37     | 1  |     |     |     |
| <b>8. Sucres</b>                        |       |        |    |     |     |     |
| Acesulfame K                            | ng/L  | 177    | 1  |     |     |     |
| Cyclamate                               | ng/L  | 14     | 1  |     |     |     |
| Saccharin                               | ng/L  | <25    | 1  |     |     |     |
| Sucralose                               | ng/L  | 48     | 1  |     |     |     |

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**Le responsable du laboratoire :**

Laboratoire de Lutry

## Statistiques 2021 / Micropolluants COV (GC-MS) RV 13C Haute-Pierre départ

| Date                         | 15/03  | 28/09  | 22/11  |    |     |     |     |
|------------------------------|--------|--------|--------|----|-----|-----|-----|
| N° échantillon               | 102093 | 106756 | 108088 | nb | min | max | moy |
| <b>1. COV</b>                |        |        |        |    |     |     |     |
| Benzène                      | µg/L   |        | <0.1   | 1  |     |     |     |
| Bromo-chloro-méthane         | µg/L   |        | <0.1   | 1  |     |     |     |
| Bromobenzène                 | µg/L   |        | <0.1   | 1  |     |     |     |
| Bromométhane                 | µg/L   |        | <0.1   | 1  |     |     |     |
| Butylbenzène                 | µg/L   |        | <0.1   | 1  |     |     |     |
| Chloro-2-toluène             | µg/L   |        | <0.1   | 1  |     |     |     |
| Chloro-4-toluène             | µg/L   |        | <0.1   | 1  |     |     |     |
| Chlorobenzène                | µg/L   |        | <0.1   | 1  |     |     |     |
| Chlorométhane                | µg/L   |        | <0.1   | 1  |     |     |     |
| Chlorure de vinyle           | µg/L   |        | <1     | 1  |     |     |     |
| Cis-dichloro-1,2-éthylène    | µg/L   |        | <0.1   | 1  |     |     |     |
| Cis-dichloro-1,3-propylène   | µg/L   |        | <0.1   | 1  |     |     |     |
| Dibromo-1,2-éthane           | µg/L   |        | <0.1   | 1  |     |     |     |
| Dibromo-chloro-1,2,3-propane | µg/L   |        | <0.1   | 1  |     |     |     |
| Dibromométhane               | µg/L   |        | <0.1   | 1  |     |     |     |
| Dichloro-1,1-éthane          | µg/L   |        | <0.1   | 1  |     |     |     |
| Dichloro-1,1-éthylène        | µg/L   |        | <0.1   | 1  |     |     |     |
| Dichloro-1,1-propylène       | µg/L   |        | <0.1   | 1  |     |     |     |
| Dichloro-1,2-benzène         | µg/L   |        | <0.1   | 1  |     |     |     |
| Dichloro-1,2-éthane          | µg/L   |        | <0.1   | 1  |     |     |     |
| Dichloro-1,3-benzène         | µg/L   |        | <0.1   | 1  |     |     |     |
| Dichloro-1,3-propane         | µg/L   |        | <0.1   | 1  |     |     |     |
| Dichloro-1,4-benzène         | µg/L   |        | <0.1   | 1  |     |     |     |
| Dichlorométhane              | µg/L   |        | <0.1   | 1  |     |     |     |
| ETBE                         | µg/L   |        | <0.1   | 1  |     |     |     |
| Ethylbenzène                 | µg/L   |        | <0.1   | 1  |     |     |     |
| Hexachlorobutadiène          | µg/L   |        | <0.1   | 1  |     |     |     |
| Isopropylbenzène             | µg/L   |        | <0.1   | 1  |     |     |     |
| m,p-Xylène                   | µg/L   |        | <0.1   | 1  |     |     |     |
| MTBE                         | µg/L   |        | <0.1   | 1  |     |     |     |
| Naphthalène                  | µg/L   |        | <0.1   | 1  |     |     |     |
| o-Xylène                     | µg/L   |        | <0.1   | 1  |     |     |     |
| Propylbenzène                | µg/L   |        | <0.1   | 1  |     |     |     |
| sec-Butylbenzène             | µg/L   |        | <0.1   | 1  |     |     |     |
| Styrène                      | µg/L   |        | <0.1   | 1  |     |     |     |
| tert-Butylbenzène            | µg/L   |        | <0.1   | 1  |     |     |     |
| Tétrachloro-1,1,2,2-éthane   | µg/L   |        | <0.1   | 1  |     |     |     |
| Tétrachloroéthylène          | µg/L   |        | <0.1   | 1  |     |     |     |
| Tétrachlorométhane           | µg/L   |        | <0.1   | 1  |     |     |     |
| Toluène                      | µg/L   |        | <0.1   | 1  |     |     |     |
| Trans-dichloro-1,2-éthylène  | µg/L   |        | <0.1   | 1  |     |     |     |
| Trans-dichloro-1,3-propylène | µg/L   |        | <0.1   | 1  |     |     |     |
| Trichloro-1,1,1-éthane       | µg/L   |        | <0.1   | 1  |     |     |     |
| Trichloro-1,1,2-éthane       | µg/L   |        | <0.1   | 1  |     |     |     |
| Trichloro-1,2,3-benzène      | µg/L   |        | <0.1   | 1  |     |     |     |
| Trichloro-1,2,3-propane      | µg/L   |        | <0.1   | 1  |     |     |     |

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|----------------------------|------|--------|--------|--------|----|-----|-----|-----|
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| Trichloro-1,2,4-benzène    | µg/L |        |        | <0.1   | 1  |     |     |     |
| Trichloroéthylène          | µg/L |        |        | <0.1   | 1  |     |     |     |
| Trichloromonofluorométhane | µg/L |        |        | <0.1   | 1  |     |     |     |
| Triméthyl-1,2,4-benzène    | µg/L |        |        | <0.1   | 1  |     |     |     |
| Triméthyl-1,3,5-benzène    | µg/L |        |        | <0.1   | 1  |     |     |     |
| <b>2. Trihalométhanes</b>  |      |        |        |        |    |     |     |     |
| Bromo-dichloro-méthane     | µg/L | 3.0    | 3.8    | 3.4    | 3  | 3.0 | 3.8 | 3.4 |
| Bromoforme                 | µg/L | 3.1    | 3.9    | 4.2    | 3  | 3.1 | 4.2 | 3.7 |
| Chloroforme                | µg/L | 1.4    | 1.9    | 1.6    | 3  | 1.4 | 1.9 | 1.6 |
| Dibromo-chloro-méthane     | µg/L | 5.7    | 6.2    | 6.1    | 3  | 5.7 | 6.2 | 6.0 |
| Trihalométhanes            | µg/l | 13     | 16     | 15     | 3  | 13  | 16  | 15  |

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**Le responsable du laboratoire :**