**Table 1 Retention Times for Nitrated Products**

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| **Compound** | **Rt (min)** |
| toluene | 4.24 |
| bromobeneze | 8.35 |
| chlorobenzene | 6.05 |
| *t*-butylbenzene | 9.69 |
| 2-nitrotoluene | 15.86 |
| 3-nitrotoluene | 17.17 |
| 4-nitrotoluene | 17.74 |
| 2,4-dinitrotoluene | ??? (24.67) |
| 2,6-dinitrotoluene | ??? (26.86) |
| 1-*t*-butyl-2-nitrobenzene | ??? (20.45) |
| 1-*t*-butyl-3-nitrobenzene | 22.73 |
| 1- *t*-butyl-4-nitrobenzene | 24.02 |
| 1-*t*-butyl-2,4-dinitrobenzene | ??? (32.4) |
| 2-chloronitrobenzene | 18.74 |
| 3- chloronitrobenzene | 17.87 |
| 4- chloronitrobenzene | 18.25 |
| 2-bromonitrobenzene | 21.18 |