|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Berkeley and Bonn to****MURR** | **British Museum****to****MURR** | **Becquerel Labs****to****MURR** | **Mainz****to****MURR** |
| **Na** | 0.962 | 0.891 | 0.968 | 0.826 |
| **Al** | 0.987 | n.d. | n.d. | n.d. |
| **K** | 0.959 | 0.982 | 1.043 | 0.942 |
| **Ca** | 1.071 | n.d. | 1.095\* | n.d. |
| **Sc** | 0.949 | 0.989 | 1.053 | 0.906 |
| **Ti** | 1.164 | n.d. | n.d. | n.d. |
| **V** | n.d. | n.d. | n.d. | n.d. |
| **Cr** | 0.963 | 0.897 | 0.932 | 0.994 |
| **Mn** | 1.051 | n.d. | 0.975 | n.d. |
| **Fe** | 0.993 | 0.986 | 1.080 | 0.988 |
| **Co** | 0.989 | 0.986 | 0.919 | 1.023 |
| **Ni** | 0.821 | 1.111 | n.d. | n.d. |
| **Zn** | 1.068 | 0.928 | 1.199\* | 1.158\* |
| **As** | 0.974 | 0.875 | 1.091 | 1.422\* |
| **Rb** | 0.929 | 0.888 | 1.112 | 1.009 |
| **Sr** | 0.848 | 0.803 | n.d. | n.d. |
| **Zr** | n.d. | 0.847 | n.d. | 0.613\* |
| **Sb** | 0.953 | 0.818 | 1.026 | 1.484\* |
| **Cs** | 0.995 | 0.952 | 1.005 | 0.909 |
| **Ba** | 0.999 | 1.022 | 0.959 | 0.631\* |
| **La** | 1.004 | 1.034 | 1.014 | 0.982 |
| **Ce** | 0.988 | 1.010 | 1.047 | 0.993 |
| **Nd** | n.d. | 1.041 | 1.086 | 0.895 |
| **Sm** | 1.118 | 0.959 | 1.060 | 0.959 |
| **Eu** | 0.884 | 0.901 | 1.047 | 0.956 |
| **Tb** | n.d. | 0.950 | 0.988 | 1.115 |
| **Dy** | 0.952 | n.d. | n.d. | n.d. |
| **Yb** | 0.996 | 1.046 | 1.077 | 0.994 |
| **Lu** | 1.144 | 0.914 | 1.004 | 1.038 |
| **Hf** | 0.982 | 0.961 | 0.995 | 0.989 |
| **Ta** | 1.077 | 1.035 | 0.813 | 0.803 |
| **Th** | 0.960 | 0.887 | 1.001 | 0.970 |
| **U** | 1.075 | 1.222 | 1.124 | 0.958 |

Table 3. Conversion factors for interlaboratory comparison of data; n.d. = not detected.