| Tube | Element | Au | Ag | Al | As | Ba | Bi | Ca | Cd | Ce | Co | Cr | Cu | Fe | K | La | Li | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sn | Sr | Te | Ti | Tl | V | W | Zn | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Method | FA25/AA | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/OE | 4A/MS |
| | Detection | 0.01 | 0.5 | 50 | 10 | 2 | 5 | 50 | 0.5 | 20 | 1 | 5 | 1 | 100 | 20 | 20 | 1 | 20 | 1 | 2 | 20 | 1 | 50 | 5 | 50 | 5 | 1 | 5 | 1 | 5 | 5 | 10 | 1 | 5 | 1 | 0.1 |
| | Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | Duplicates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sample Name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Control Blank | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 2 | OREAS 45e | | | 68366 | | 248 | X | 638 | X | | 21 | 58 | 987 | 791 | 241133 | 3303 | X | 7 | 1572 | 538 | X | 617 | 451 | 314 | 19 | 364 | X | 93 | X | 16 | X | 5426 | X | 309 | X | 45 | 92.1 |
| 2 | SK78 | 4.17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 700041 | X | X | 5048 | X | 23 | X | 104 | X | X | X | 47 | 3 | 5844 | 2287 | X | 2 | 388 | 51 | X | 139 | 3 | 65 | 15 | 116 | X | 1 | X | 9 | X | 860 | X | 7 | X | 8 | 31.5 |
| 4 | 700042 | X | X | 2406 | X | 11 | X | 992 | X | X | X | 54 | 11 | 8686 | 1060 | X | 2 | 491 | 90 | X | 201 | 2 | 65 | 50 | 372 | X | X | X | 15 | X | 919 | X | 4 | X | 48 | 34.1 |
| 5 | 700043 | X | X | 1994 | X | 9 | X | 438 | X | X | X | 31 | 4 | 7862 | 1182 | X | 2 | 617 | 92 | X | 195 | 1 | 83 | 17 | 454 | X | X | X | 12 | X | 426 | X | 3 | X | 13 | 15.8 |
| 6 | 700044 | X | X | 2341 | X | 13 | X | 129 | X | X | X | 21 | X | 6765 | 1110 | X | 2 | 246 | 75 | X | 133 | X | X | 10 | 62 | X | X | X | 8 | X | 508 | X | 2 | X | 22 | 20.7 |
| 7 | 700045 | X | X | 4064 | X | 14 | X | X | X | X | X | 34 | X | 5840 | 2025 | X | 2 | 291 | 51 | X | 115 | 2 | X | 9 | 125 | X | X | X | 7 | X | 419 | X | 5 | X | 7 | 15.3 |
| 8 | 700046 | X | X | 2941 | X | 13 | X | 484 | X | X | X | 58 | 4 | 7995 | 1352 | X | 2 | 511 | 86 | X | 179 | 2 | 109 | 13 | 395 | X | X | X | 13 | X | 900 | X | 5 | X | 19 | 18.6 |
| 9 | 700047 | X | X | 2537 | X | 8 | X | 89 | X | X | X | 72 | X | 6486 | 1076 | X | 2 | 221 | 63 | X | 139 | 2 | X | 12 | 106 | X | X | X | 7 | X | 946 | X | 4 | X | 11 | 29.9 |
| 10 | 700048 | X | X | 13365 | X | 86 | X | 71 | X | X | X | 14 | 3 | 7035 | 6506 | X | 2 | 1118 | 55 | X | 232 | 2 | 52 | 9 | 162 | X | 2 | X | 8 | X | 1082 | X | 10 | X | 10 | 50.9 |
| 11 | 700049 | X | X | 1842 | X | 16 | X | 1627 | X | X | X | 6 | 27 | 5733 | 2082 | X | 1 | 1544 | 78 | X | 483 | X | 130 | 68 | 1490 | X | X | X | 22 | X | 208 | X | 2 | X | 45 | 8.9 |
| 12 | 700050 | X | X | 1778 | X | 7 | X | 441 | X | X | X | 8 | 8 | 8190 | 1587 | X | X | 867 | 82 | X | 301 | 1 | 88 | 26 | 936 | X | X | X | 8 | X | 191 | X | 2 | X | 13 | 9.4 |
| 13 | 700051 | X | X | 1431 | X | 6 | X | 1540 | X | X | X | 12 | 18 | 4837 | 1260 | X | 2 | 772 | 41 | X | 283 | X | 93 | 40 | 694 | X | X | X | 10 | X | 393 | X | 2 | X | 14 | 9 |
| 14 | 700052 | X | X | 1393 | X | 11 | X | 617 | X | X | X | 17 | 14 | 7091 | 1152 | X | 2 | 645 | 70 | X | 298 | 1 | 93 | 35 | 797 | X | X | X | 11 | X | 744 | X | 3 | X | 19 | 18.9 |
| 15 | 700053 | X | X | 1319 | X | 8 | X | 416 | X | X | X | 39 | 14 | 6595 | 906 | X | 2 | 726 | 73 | X | 297 | X | 106 | 36 | 637 | X | X | X | 11 | X | 1067 | X | 3 | X | 18 | 22.1 |
| 16 | 700054 | X | X | 1188 | X | 10 | X | 1878 | X | X | X | 21 | 26 | 4330 | 1072 | X | 1 | 876 | 50 | X | 326 | X | 159 | 51 | 1237 | X | X | X | 43 | X | 486 | X | 2 | X | 17 | 7.4 |
| 17 | 700055 | X | X | 1221 | X | 11 | X | 4593 | X | X | X | X | 19 | 1139 | 1758 | X | X | 2006 | 34 | X | 493 | X | 246 | 31 | 2062 | X | X | X | 60 | X | 181 | X | 1 | X | 27 | 2.1 |
| 18 | OREAS 921 | | X | 55062 | X | 378 | X | 3448 | X | 61 | 12 | 42 | 193 | 30175 | 19034 | 32 | 20 | 9902 | 452 | X | 4003 | 28 | 479 | 22 | 446 | X | 10 | X | 53 | X | 3382 | X | 69 | X | 97 | 101 |
| 18 | OxE106 | 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 700056 | X | X | 1213 | X | 23 | X | 4695 | X | X | X | X | 76 | 1192 | 1957 | X | X | 1448 | 17 | X | 547 | X | 312 | 125 | 1602 | X | X | X | 30 | X | 106 | X | 1 | X | 28 | 2.9 |
| 20 | 700057 | X | X | 1282 | X | 16 | X | 3783 | X | X | X | 6 | 27 | 1248 | 2580 | X | 1 | 1924 | 19 | X | 508 | X | 304 | 100 | 1671 | X | X | X | 46 | X | 140 | X | 1 | X | 30 | 2.9 |
| 21 | 700058 | X | X | 14362 | X | 89 | X | X | X | 27 | 1 | 15 | X | 8146 | 7061 | X | 4 | 657 | 61 | X | 143 | 4 | 55 | 12 | 65 | X | 2 | X | 7 | X | 1639 | X | 22 | X | 8 | 45.4 |
| 22 | 700059 | X | X | 35688 | X | 191 | X | X | X | 55 | 4 | 80 | X | 13085 | 16655 | 30 | 5 | 1476 | 88 | X | 168 | 11 | 71 | 20 | 100 | X | 6 | X | 6 | X | 3939 | X | 85 | X | 21 | 75.9 |
| 23 | 700060 | X | X | 9091 | X | 58 | X | X | X | 22 | 1 | 10 | 5 | 5798 | 4710 | X | 3 | 474 | 48 | X | 109 | 2 | X | 8 | X | X | 1 | X | 3 | X | 1093 | X | 23 | X | 7 | 30 |
| 24 | 700061 | X | X | 928 | X | 6 | X | 65 | X | X | X | 10 | X | 8115 | 434 | X | 2 | 126 | 83 | X | 129 | X | X | 7 | 82 | X | X | X | 4 | X | 329 | X | 2 | X | 5 | 14.7 |
| 25 | 700062 | X | X | 1551 | X | 11 | X | 441 | X | X | X | 19 | 7 | 7100 | 944 | X | 3 | 511 | 76 | X | 231 | X | 70 | 20 | 541 | X | X | X | 13 | X | 998 | X | 3 | X | 11 | 27.1 |
| 26 | 700063 | X | X | 1333 | X | 14 | X | 1037 | X | X | X | 25 | 28 | 10620 | 979 | X | 3 | 938 | 112 | X | 292 | 2 | 98 | 55 | 661 | X | X | X | 16 | X | 902 | X | 3 | X | 17 | 21.7 |
| 27 | 700064 | X | X | 1216 | X | 10 | X | 162 | X | X | X | 22 | X | 7786 | 610 | X | 2 | 367 | 78 | X | 172 | 1 | 57 | 10 | 305 | X | X | X | 7 | X | 739 | X | 2 | X | 6 | 23.9 |
| 28 | 700065 | X | X | 4828 | X | 29 | X | 298 | X | X | X | 14 | 5 | 11581 | 2528 | X | 2 | 589 | 109 | X | 183 | 1 | 64 | 17 | 420 | X | X | X | 8 | X | 661 | X | 4 | X | 8 | 25.2 |
| 29 | OREAS 922 | | | 0.6 | 73439 | X | 473 | 10 | 4840 | X | 89 | 20 | 69 | 2140 | 56262 | 25464 | 44 | 30 | 16266 | 846 | 2 | 4299 | 36 | 715 | 60 | 3778 | X | 13 | 10 | 58 | X | 4264 | X | 93 | X | 273 | 132.2 |
| 29 | OxP91 | 14.82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 700066 | X | X | 4280 | X | 24 | X | X | X | X | X | 5 | X | 5876 | 2181 | X | 2 | 397 | 54 | X | 140 | X | X | 6 | 130 | X | X | X | 3 | X | 416 | X | 3 | X | 4 | 22.1 |
| 31 | 700067 | X | X | 1280 | X | 5 | X | 435 | X | X | X | 14 | 1 | 10038 | 703 | X | 2 | 424 | 104 | X | 200 | X | 59 | 11 | 395 | X | X | X | 10 | X | 765 | X | 2 | X | 6 | 33.5 |
| 32 | 700041 Rpt | X | X | 4908 | X | 23 | X | 95 | X | X | X | 45 | 4 | 5722 | 2370 | X | 2 | 365 | 51 | X | 129 | 3 | 55 | 15 | 106 | X | X | X | 9 | X | 875 | X | 6 | X | 9 | 30.2 |
| 33 | 700061 Rpt | X | X | 905 | X | 6 | X | 60 | X | X | X | 10 | X | 8066 | 449 | X | 2 | 126 | 82 | X | 130 | X | X | 7 | 88 | X | X | X | 4 | X | 338 | X | 2 | X | 4 | 15.1 |
| 34 | MPL-5 | | | 28.1 | 32588 | 995 | 572 | 36 | 41821 | 2.7 | 526 | 133 | 575 | 1853 | 35844 | 10810 | 273 | 40 | 8663 | 2218 | 20 | 5132 | 2474 | 717 | 2072 | 11228 | 329 | 47 | 5 | 414 | 39 | 2501 | X | 198 | 23 | 1341 | 41.6 |
| 34 | OxG84 | 0.92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |