#### **Analyte:** D2 1 **(**413.4 / 395.4**)** **Correlation coefficient:**0.9999800001

|  |  |  |  |
| --- | --- | --- | --- |
| Data File | DataYZ18-20200328-S1.wiff | Result Table | N/A |
| Acquisition Date | 3/28/2020 12:18:40 PM | Algorithm Used | MQ4 |
| Acquisition Method | S1-D2-d3.dam | Instrument Name | API 4000 |
| Project | N/A |  |  |

| Sample Name | Sample Type | Area (cps) | RT (min) | Target [Conc].(nmol/L) | IS Area(cps) | IS Retention Time (min) | Calculated Conc.(nmol/L) | MRM Ratio | S/N | [Use Record] | Accuracy **(%)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| STD-0 | Unknown | 1.937e+03 | 0.99 | N/A | 6.525e5 | 0.78 | 0.30 | 0.02(-67.1) | 8 | True | N/A |
| STD-1 | Standard | 3.215e+04 | 0.79 | 3.13 | 6.699e5 | 0.78 | 3.40 | 0.07(-1.5) | 218 | True | 107.1 |
| STD-2 | Standard | 6.036e+04 | 0.79 | 6.25 | 6.613e5 | 0.78 | 6.30 | 0.07(-0.1) | 383 | True | 100.9 |
| STD-3 | Standard | 1.234e+05 | 0.79 | 12.50 | 6.764e5 | 0.78 | 12.50 | 0.07(2.4) | 787 | True | 100.3 |
| STD-4 | Standard | 2.434e+05 | 0.79 | 25.00 | 6.709e5 | 0.78 | 24.90 | 0.07(1.2) | 1213 | True | 99.4 |
| STD-5 | Standard | 5.610e+05 | 0.79 | 60.00 | 6.437e5 | 0.78 | 59.60 | 0.07(-0.6) | 2185 | True | 99.4 |
| STD-6 | Standard | 1.204e+06 | 0.79 | 120.00 | 6.850e5 | 0.78 | 120.20 | 0.07(-1.4) | 3120 | True | 100.2 |
| X1 | Unknown | 4.488e+03 | 0.84 | N/A | 7.491e5 | 0.78 | 0.50 | 0.06(-13.8) | 21 | True | N/A |
| QCK01010068 | Unknown | 2.182e+05 | 0.79 | N/A | 7.954e5 | 0.78 | 18.80 | 0.07(0.0) | 1059 | True | N/A |
| QCK01010069 | Unknown | 3.981e+05 | 0.79 | N/A | 7.638e5 | 0.78 | 35.70 | 0.07(-1.0) | 1906 | True | N/A |
| NVD8485 | Unknown | 4.488e+03 | 0.84 | N/A | 7.491e5 | 0.78 | 0.50 | 0.06(-13.8) | 21 | True | N/A |
| NVD7143 | Unknown | 1.829e+03 | 1.18 | N/A | 6.621e5 | 0.78 | 0.30 | 0.05(-25.4) | 8 | True | N/A |
| NVD8500 | Unknown | 4.622e+03 | 0.79 | N/A | 7.150e5 | 0.78 | 0.50 | 0.05(-25.2) | 32 | True | N/A |
| NVD8549 | Unknown | 5.714e+03 | 0.79 | N/A | 6.823e5 | 0.78 | 0.60 | 0.06(-13.9) | 32 | True | N/A |
| NVD8550 | Unknown | 9.536e+03 | 0.79 | N/A | 6.474e5 | 0.78 | 1.10 | 0.08(5.0) | 58 | True | N/A |
| NVD8992 | Unknown | 4.645e+03 | 0.79 | N/A | 6.288e5 | 0.78 | 0.60 | 0.08(7.7) | 32 | True | N/A |
| NVD9023 | Unknown | 1.234e+04 | 0.79 | N/A | 6.108e5 | 0.78 | 1.50 | 0.07(-1.9) | 76 | True | N/A |
| NVD9062 | Unknown | 8.418e+03 | 0.79 | N/A | 7.050e5 | 0.78 | 0.90 | 0.05(-32.4) | 49 | True | N/A |
| NVD9100 | Unknown | 9.484e+03 | 0.79 | N/A | 7.163e5 | 0.78 | 1.00 | 0.12(61.2) | 65 | True | N/A |
| NVD9295 | Unknown | 3.019e+03 | 0.79 | N/A | 6.942e5 | 0.78 | 0.40 | 0.07(2.5) | 19 | True | N/A |
| NVD9312 | Unknown | 3.419e+03 | 0.79 | N/A | 7.695e5 | 0.78 | 0.40 | 0.10(43.7) | 24 | True | N/A |
| NVD9388 | Unknown | 1.217e+04 | 0.79 | N/A | 7.039e5 | 0.78 | 1.30 | 0.08(4.7) | 69 | True | N/A |
| NVD9390 | Unknown | 4.547e+03 | 0.79 | N/A | 7.937e5 | 0.78 | 0.50 | 0.10(33.1) | 28 | True | N/A |
| NVD9404 | Unknown | 5.656e+03 | 0.79 | N/A | 7.352e5 | 0.78 | 0.60 | 0.05(-24.4) | 36 | True | N/A |
| NVD9489 | Unknown | 1.486e+04 | 0.79 | N/A | 6.314e5 | 0.78 | 1.70 | 0.08(7.2) | 80 | True | N/A |
| NVD9700 | Unknown | 4.401e+03 | 0.79 | N/A | 6.106e5 | 0.78 | 0.60 | 0.06(-15.2) | 32 | True | N/A |

#### **Analyte:** D2 2 **(**413.4 / 355.2**)** **Correlation coefficient:**N/A

|  |  |  |  |
| --- | --- | --- | --- |
| Data File | DataYZ18-20200328-S1.wiff | Result Table | N/A |
| Acquisition Date | 3/28/2020 12:18:40 PM | Algorithm Used | MQ4 |
| Acquisition Method | S1-D2-d3.dam | Instrument Name | API 4000 |
| Project | N/A |  |  |

| Sample Name | Sample Type | Area (cps) | RT (min) | Target [Conc].(nmol/L) | IS Area(cps) | IS Retention Time (min) | Calculated Conc.(nmol/L) | MRM Ratio | S/N | [Use Record] | Accuracy **(%)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| STD-0 | Unknown | 4.550e+01 | 0.69 | N/A | 6.525e5 | 0.78 | degenerate | 0.02(-67.1) | 4 | True | N/A |
| STD-1 | Standard | 2.262e+03 | 0.79 | 0.00 | 6.699e5 | 0.78 | degenerate | 0.07(-1.5) | 70 | True | N/A |
| STD-2 | Standard | 4.310e+03 | 0.79 | 0.00 | 6.613e5 | 0.78 | degenerate | 0.07(-0.1) | 136 | True | N/A |
| STD-3 | Standard | 9.029e+03 | 0.79 | 0.00 | 6.764e5 | 0.78 | degenerate | 0.07(2.4) | 240 | True | N/A |
| STD-4 | Standard | 1.759e+04 | 0.79 | 0.00 | 6.709e5 | 0.78 | degenerate | 0.07(1.2) | 444 | True | N/A |
| STD-5 | Standard | 3.982e+04 | 0.79 | 0.00 | 6.437e5 | 0.78 | degenerate | 0.07(-0.6) | 1077 | True | N/A |
| STD-6 | Standard | 8.486e+04 | 0.79 | 0.00 | 6.850e5 | 0.78 | degenerate | 0.07(-1.4) | 1454 | True | N/A |
| QCK01010068 | Unknown | 1.559e+04 | 0.79 | N/A | 7.954e5 | 0.78 | degenerate | 0.07(0.0) | 429 | True | N/A |
| QCK01010069 | Unknown | 2.817e+04 | 0.79 | N/A | 7.638e5 | 0.78 | degenerate | 0.07(-1.0) | 519 | True | N/A |
| NVD8485 | Unknown | 2.763e+02 | 0.86 | N/A | 7.491e5 | 0.78 | degenerate | 0.06(-13.8) | 10 | True | N/A |
| NVD7143 | Unknown | 9.750e+01 | 0.58 | N/A | 6.621e5 | 0.78 | degenerate | 0.05(-25.4) | 5 | True | N/A |
| NVD8500 | Unknown | 2.470e+02 | 0.79 | N/A | 7.150e5 | 0.78 | degenerate | 0.05(-25.2) | 11 | True | N/A |
| NVD8549 | Unknown | 3.514e+02 | 0.78 | N/A | 6.823e5 | 0.78 | degenerate | 0.06(-13.9) | 12 | True | N/A |
| NVD8550 | Unknown | 7.151e+02 | 0.79 | N/A | 6.474e5 | 0.78 | degenerate | 0.08(5.0) | 14 | True | N/A |
| NVD8992 | Unknown | 3.575e+02 | 0.79 | N/A | 6.288e5 | 0.78 | degenerate | 0.08(7.7) | 10 | True | N/A |
| NVD9023 | Unknown | 8.646e+02 | 0.79 | N/A | 6.108e5 | 0.78 | degenerate | 0.07(-1.9) | 29 | True | N/A |
| NVD9062 | Unknown | 4.063e+02 | 0.79 | N/A | 7.050e5 | 0.78 | degenerate | 0.05(-32.4) | 11 | True | N/A |
| NVD9100 | Unknown | 1.092e+03 | 0.79 | N/A | 7.163e5 | 0.78 | degenerate | 0.12(61.2) | 18 | True | N/A |
| NVD9295 | Unknown | 2.210e+02 | 0.79 | N/A | 6.942e5 | 0.78 | degenerate | 0.07(2.5) | 8 | True | N/A |
| NVD9312 | Unknown | 3.510e+02 | 0.79 | N/A | 7.695e5 | 0.78 | degenerate | 0.10(43.7) | 12 | True | N/A |
| NVD9388 | Unknown | 9.108e+02 | 0.78 | N/A | 7.039e5 | 0.78 | degenerate | 0.08(4.7) | 28 | True | N/A |
| NVD9390 | Unknown | 4.323e+02 | 0.79 | N/A | 7.937e5 | 0.78 | degenerate | 0.10(33.1) | 13 | True | N/A |
| NVD9404 | Unknown | 3.055e+02 | 0.78 | N/A | 7.352e5 | 0.78 | degenerate | 0.05(-24.4) | 9 | True | N/A |
| NVD9489 | Unknown | 1.138e+03 | 0.79 | N/A | 6.314e5 | 0.78 | degenerate | 0.08(7.2) | 28 | True | N/A |
| NVD9700 | Unknown | 2.665e+02 | 0.79 | N/A | 6.106e5 | 0.78 | degenerate | 0.06(-15.2) | 11 | True | N/A |

#### **Analyte:** D3 1 **(**401.4 / 383.4**)** **Correlation coefficient:**0.9998400064

|  |  |  |  |
| --- | --- | --- | --- |
| Data File | DataYZ18-20200328-S1.wiff | Result Table | N/A |
| Acquisition Date | 3/28/2020 12:18:40 PM | Algorithm Used | MQ4 |
| Acquisition Method | S1-D2-d3.dam | Instrument Name | API 4000 |
| Project | N/A |  |  |

| Sample Name | Sample Type | Area (cps) | RT (min) | Target [Conc].(nmol/L) | IS Area(cps) | IS Retention Time (min) | Calculated Conc.(nmol/L) | MRM Ratio | S/N | [Use Record] | Accuracy **(%)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| STD-0 | Unknown | 4.037e+03 | 0.99 | N/A | 1.502e6 | 0.67 | 0.10 | 0.13(-51.6) | 8 | True | N/A |
| STD-1 | Standard | 5.732e+04 | 0.69 | 3.13 | 1.527e6 | 0.68 | 3.00 | 0.28(3.6) | 276 | True | 97.3 |
| STD-2 | Standard | 1.118e+05 | 0.69 | 6.25 | 1.506e6 | 0.68 | 6.20 | 0.27(-0.1) | 434 | True | 98.6 |
| STD-3 | Standard | 2.233e+05 | 0.69 | 12.50 | 1.546e6 | 0.68 | 12.10 | 0.27(-0.1) | 605 | True | 96.9 |
| STD-4 | Standard | 4.468e+05 | 0.69 | 25.00 | 1.513e6 | 0.68 | 24.90 | 0.27(-1.2) | 1124 | True | 99.7 |
| STD-5 | Standard | 1.039e+06 | 0.69 | 60.00 | 1.438e6 | 0.67 | 61.10 | 0.27(-1.9) | 1715 | True | 101.9 |
| STD-6 | Standard | 2.202e+06 | 0.69 | 120.00 | 1.562e6 | 0.67 | 119.50 | 0.27(-0.3) | 2320 | True | 99.6 |
| X1 | Unknown | 4.488e+03 | 0.84 | N/A | 7.491e5 | 0.78 | 0.50 | 0.06(-13.8) | 21 | True | N/A |
| QCK01010068 | Unknown | 4.009e+05 | 0.69 | N/A | 1.773e6 | 0.68 | 19.10 | 0.27(0.4) | 760 | True | N/A |
| QCK01010069 | Unknown | 7.195e+05 | 0.69 | N/A | 1.713e6 | 0.68 | 35.50 | 0.27(-0.1) | 1523 | True | N/A |
| NVD8485 | Unknown | 4.724e+05 | 0.69 | N/A | 1.689e6 | 0.67 | 23.60 | 0.27(-0.3) | 948 | True | N/A |
| NVD7143 | Unknown | 4.862e+04 | 0.69 | N/A | 1.610e6 | 0.68 | 2.40 | 0.27(-1.4) | 133 | True | N/A |
| NVD8500 | Unknown | 2.105e+05 | 0.69 | N/A | 1.623e6 | 0.68 | 10.90 | 0.27(-2.6) | 591 | True | N/A |
| NVD8549 | Unknown | 3.650e+05 | 0.69 | N/A | 1.647e6 | 0.67 | 18.70 | 0.27(-2.0) | 574 | True | N/A |
| NVD8550 | Unknown | 1.433e+05 | 0.69 | N/A | 1.588e6 | 0.68 | 7.50 | 0.27(-0.2) | 413 | True | N/A |
| NVD8992 | Unknown | 2.487e+05 | 0.69 | N/A | 1.713e6 | 0.68 | 12.20 | 0.27(0.2) | 526 | True | N/A |
| NVD9023 | Unknown | 7.218e+05 | 0.69 | N/A | 1.488e6 | 0.68 | 41.00 | 0.26(-3.5) | 1631 | True | N/A |
| NVD9062 | Unknown | 4.167e+05 | 0.69 | N/A | 1.659e6 | 0.68 | 21.20 | 0.27(-0.5) | 674 | True | N/A |
| NVD9100 | Unknown | 5.056e+05 | 0.69 | N/A | 1.627e6 | 0.67 | 26.20 | 0.27(-0.4) | 898 | True | N/A |
| NVD9295 | Unknown | 1.747e+05 | 0.69 | N/A | 1.638e6 | 0.68 | 8.90 | 0.27(-2.8) | 326 | True | N/A |
| NVD9312 | Unknown | 1.166e+05 | 0.69 | N/A | 1.671e6 | 0.68 | 5.80 | 0.27(-3.0) | 202 | True | N/A |
| NVD9388 | Unknown | 5.340e+05 | 0.69 | N/A | 1.633e6 | 0.68 | 27.60 | 0.27(-0.8) | 879 | True | N/A |
| NVD9390 | Unknown | 1.369e+05 | 0.69 | N/A | 1.709e6 | 0.68 | 6.70 | 0.27(-1.4) | 288 | True | N/A |
| NVD9404 | Unknown | 4.427e+05 | 0.69 | N/A | 1.633e6 | 0.67 | 22.90 | 0.27(0.5) | 784 | True | N/A |
| NVD9489 | Unknown | 6.575e+05 | 0.69 | N/A | 1.546e6 | 0.68 | 35.90 | 0.28(1.1) | 1131 | True | N/A |
| NVD9700 | Unknown | 2.065e+05 | 0.69 | N/A | 1.596e6 | 0.67 | 10.80 | 0.27(-1.7) | 357 | True | N/A |

#### **Analyte:** D3 2 **(**401.4 / 365.2**)** **Correlation coefficient:**N/A

|  |  |  |  |
| --- | --- | --- | --- |
| Data File | DataYZ18-20200328-S1.wiff | Result Table | N/A |
| Acquisition Date | 3/28/2020 12:18:40 PM | Algorithm Used | MQ4 |
| Acquisition Method | S1-D2-d3.dam | Instrument Name | API 4000 |
| Project | N/A |  |  |

| Sample Name | Sample Type | Area (cps) | RT (min) | Target [Conc].(nmol/L) | IS Area(cps) | IS Retention Time (min) | Calculated Conc.(nmol/L) | MRM Ratio | S/N | [Use Record] | Accuracy **(%)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| STD-0 | Unknown | 5.331e+02 | 1.09 | N/A | 1.502e6 | 0.67 | degenerate | 0.13(-51.6) | 8 | True | N/A |
| STD-1 | Standard | 1.621e+04 | 0.69 | 0.00 | 1.527e6 | 0.68 | degenerate | 0.28(3.6) | 253 | True | N/A |
| STD-2 | Standard | 3.049e+04 | 0.69 | 0.00 | 1.506e6 | 0.68 | degenerate | 0.27(-0.1) | 409 | True | N/A |
| STD-3 | Standard | 6.087e+04 | 0.69 | 0.00 | 1.546e6 | 0.68 | degenerate | 0.27(-0.1) | 665 | True | N/A |
| STD-4 | Standard | 1.204e+05 | 0.69 | 0.00 | 1.513e6 | 0.68 | degenerate | 0.27(-1.2) | 1311 | True | N/A |
| STD-5 | Standard | 2.781e+05 | 0.69 | 0.00 | 1.438e6 | 0.67 | degenerate | 0.27(-1.9) | 1919 | True | N/A |
| STD-6 | Standard | 5.992e+05 | 0.69 | 0.00 | 1.562e6 | 0.67 | degenerate | 0.27(-0.3) | 3192 | True | N/A |
| QCK01010068 | Unknown | 1.099e+05 | 0.69 | N/A | 1.773e6 | 0.68 | degenerate | 0.27(0.4) | 787 | True | N/A |
| QCK01010069 | Unknown | 1.962e+05 | 0.69 | N/A | 1.713e6 | 0.68 | degenerate | 0.27(-0.1) | 1532 | True | N/A |
| NVD8485 | Unknown | 1.285e+05 | 0.69 | N/A | 1.689e6 | 0.67 | degenerate | 0.27(-0.3) | 945 | True | N/A |
| NVD7143 | Unknown | 1.309e+04 | 0.69 | N/A | 1.610e6 | 0.68 | degenerate | 0.27(-1.4) | 190 | True | N/A |
| NVD8500 | Unknown | 5.595e+04 | 0.69 | N/A | 1.623e6 | 0.68 | degenerate | 0.27(-2.6) | 518 | True | N/A |
| NVD8549 | Unknown | 9.766e+04 | 0.69 | N/A | 1.647e6 | 0.67 | degenerate | 0.27(-2.0) | 672 | True | N/A |
| NVD8550 | Unknown | 3.903e+04 | 0.69 | N/A | 1.588e6 | 0.68 | degenerate | 0.27(-0.2) | 348 | True | N/A |
| NVD8992 | Unknown | 6.799e+04 | 0.69 | N/A | 1.713e6 | 0.68 | degenerate | 0.27(0.2) | 555 | True | N/A |
| NVD9023 | Unknown | 1.901e+05 | 0.69 | N/A | 1.488e6 | 0.68 | degenerate | 0.26(-3.5) | 1787 | True | N/A |
| NVD9062 | Unknown | 1.131e+05 | 0.69 | N/A | 1.659e6 | 0.68 | degenerate | 0.27(-0.5) | 732 | True | N/A |
| NVD9100 | Unknown | 1.374e+05 | 0.69 | N/A | 1.627e6 | 0.67 | degenerate | 0.27(-0.4) | 1220 | True | N/A |
| NVD9295 | Unknown | 4.634e+04 | 0.69 | N/A | 1.638e6 | 0.68 | degenerate | 0.27(-2.8) | 371 | True | N/A |
| NVD9312 | Unknown | 3.088e+04 | 0.69 | N/A | 1.671e6 | 0.68 | degenerate | 0.27(-3.0) | 237 | True | N/A |
| NVD9388 | Unknown | 1.446e+05 | 0.69 | N/A | 1.633e6 | 0.68 | degenerate | 0.27(-0.8) | 1048 | True | N/A |
| NVD9390 | Unknown | 3.686e+04 | 0.69 | N/A | 1.709e6 | 0.68 | degenerate | 0.27(-1.4) | 284 | True | N/A |
| NVD9404 | Unknown | 1.214e+05 | 0.69 | N/A | 1.633e6 | 0.67 | degenerate | 0.27(0.5) | 1072 | True | N/A |
| NVD9489 | Unknown | 1.815e+05 | 0.69 | N/A | 1.546e6 | 0.68 | degenerate | 0.28(1.1) | 1450 | True | N/A |
| NVD9700 | Unknown | 5.539e+04 | 0.69 | N/A | 1.596e6 | 0.67 | degenerate | 0.27(-1.7) | 385 | True | N/A |