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| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
|  | **Sample Name** | **Name** | **RT** | **Area** | **Concentration** **[ppm]** |  |  |
|  | A2.2 | CH4 | 2.785 | 18.5637 | 1.9089 |  |  |
|  | A2.3 | CH4 | 2.785 | 18.4408 | 1.8946 |  |  |
|  | A2.6 | CH4 | 2.786 | 18.5439 | 1.9066 |  |  |
|  | A2.1 | CH4 | 2.786 | 16.7950 | 1.7026 |  |  |
|  | A2.7 | CH4 | 2.788 | 18.2875 | 1.8767 |  |  |
|  | B1.23 | CH4 | 2.788 | 16.2726 | 1.6416 |  |  |
|  | B2.2 | CH4 | 2.789 | 18.1135 | 1.8564 |  |  |
|  | A2.8 | CH4 | 2.790 | 20.6385 | 2.1509 |  |  |
|  | B2.1 | CH4 | 2.790 | 17.7369 | 1.8124 |  |  |
|  | B1.22 | CH4 | 2.790 | 20.5824 | 2.1444 |  |  |
|  | A3.11 | CH4 | 2.791 | 18.8250 | 1.9394 |  |  |
|  | B2.3 | CH4 | 2.791 | 18.4685 | 1.8978 |  |  |
|  | B1.21 | CH4 | 2.791 | 17.6725 | 1.8049 |  |  |
|  | A2.11 | CH4 | 2.791 | 19.5761 | 2.0270 |  |  |
|  | B1.8 | CH4 | 2.791 | 18.2134 | 1.8680 |  |  |
|  | A3.8 | CH4 | 2.792 | 21.7966 | 2.2861 |  |  |
|  | B1.11 | CH4 | 2.792 | 17.4115 | 1.7745 |  |  |
|  | A2.23 | CH4 | 2.792 | 20.4209 | 2.1256 |  |  |
|  | B1.12 | CH4 | 2.792 | 21.5917 | 2.2622 |  |  |
|  | B1.13 | CH4 | 2.792 | 21.7618 | 2.2820 |  |  |
|  | A1.17 | CH4 | 2.792 | 21.5980 | 2.2629 |  |  |
|  | B1.18 | CH4 | 2.792 | 19.6079 | 2.0307 |  |  |
|  | A1.16 | CH4 | 2.792 | 18.4124 | 1.8912 |  |  |
|  | B2.6 | CH4 | 2.792 | 19.8694 | 2.0612 |  |  |
|  | A1.18 | CH4 | 2.792 | 18.7448 | 1.9300 |  |  |
|  | B1.7 | CH4 | 2.792 | 21.1892 | 2.2152 |  |  |
|  | B1.17 | CH4 | 2.792 | 21.7842 | 2.2846 |  |  |

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|  | **Sample Name** | **Name** | **RT** | **Area** | **Concentration** **[ppm]** |  |  |
|  | A1.21 | CH4 | 2.792 | 17.9286 | 1.8348 |  |  |
|  | A2.22 | CH4 | 2.793 | 17.1767 | 1.7471 |  |  |
|  | B2.11 | CH4 | 2.793 | 17.6200 | 1.7988 |  |  |
|  | A3.7 | CH4 | 2.793 | 18.3712 | 1.8864 |  |  |
|  | A1.13 | CH4 | 2.793 | 18.5902 | 1.9120 |  |  |
|  | B1.16 | CH4 | 2.793 | 21.9283 | 2.3014 |  |  |
|  | A1.22 | CH4 | 2.793 | 20.8859 | 2.1798 |  |  |
|  | A2.12 | CH4 | 2.793 | 20.2284 | 2.1031 |  |  |
|  | A3.6 | CH4 | 2.793 | 20.7226 | 2.1608 |  |  |
|  | B1.1 | CH4 | 2.793 | 21.9613 | 2.3053 |  |  |
|  | STD O | CH4 | 2.794 | 42.4710 | 4.6980 |  |  |
|  | B1.2 | CH4 | 2.794 | 17.9855 | 1.8414 |  |  |
|  | B2.12 | CH4 | 2.794 | 21.9790 | 2.3073 |  |  |
|  | B2.7 | CH4 | 2.794 | 20.6790 | 2.1557 |  |  |
|  | A1.23 | CH4 | 2.794 | 21.7359 | 2.2790 |  |  |
|  | B1.6 | CH4 | 2.794 | 17.8857 | 1.8298 |  |  |
|  | B2.8 | CH4 | 2.794 | 18.1994 | 1.8664 |  |  |
|  | BLANK | CH4 | 2.794 | 19.7262 | 2.0445 |  |  |
|  | A2.13 | CH4 | 2.794 | 18.6317 | 1.9168 |  |  |
|  | A2.21 | CH4 | 2.794 | 18.3453 | 1.8834 |  |  |
|  | A1.12 | CH4 | 2.794 | 19.9979 | 2.0762 |  |  |
|  | B1.3 | CH4 | 2.794 | 18.1175 | 1.8568 |  |  |
|  | A1.1 | CH4 | 2.794 | 22.0685 | 2.3178 |  |  |
|  | STD N | CH4 | 2.794 | 30.4917 | 3.3004 |  |  |
|  | A1.2 | CH4 | 2.794 | 18.6337 | 1.9171 |  |  |
|  | B2.13 | CH4 | 2.795 | 22.0064 | 2.3105 |  |  |
|  | A3.3 | CH4 | 2.795 | 21.6663 | 2.2709 |  |  |
|  | A1.3 | CH4 | 2.795 | 17.9682 | 1.8394 |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Sample Name** | **Name** | **RT** | **Area** | **Concentration** **[ppm]** |  |  |
|  | A1.11 | CH4 | 2.795 | 17.6349 | 1.8005 |  |  |
|  | A1.7 | CH4 | 2.795 | 17.1517 | 1.7442 |  |  |
|  | A1.6 | CH4 | 2.795 | 17.2093 | 1.7509 |  |  |
|  | B2.16 | CH4 | 2.795 | 19.1405 | 1.9762 |  |  |
|  | A2.16 | CH4 | 2.796 | 16.6208 | 1.6822 |  |  |
|  | A2.18 | CH4 | 2.796 | 16.9187 | 1.7170 |  |  |
|  | A3.2 | CH4 | 2.796 | 21.0129 | 2.1946 |  |  |
|  | A1.8 | CH4 | 2.796 | 21.7666 | 2.2825 |  |  |
|  | A2.17 | CH4 | 2.797 | 20.3220 | 2.1140 |  |  |
|  | B2.17 | CH4 | 2.797 | 19.9775 | 2.0738 |  |  |
|  | A3.1 | CH4 | 2.798 | 18.0778 | 1.8522 |  |  |
|  | B2.18 | CH4 | 2.799 | 21.7329 | 2.2786 |  |  |
|  | B2.23 | CH4 | 2.799 | 17.0557 | 1.7330 |  |  |
|  | B2.21 | CH4 | 2.799 | 20.0240 | 2.0793 |  |  |
|  | B2.22 | CH4 | 2.800 | 19.6465 | 2.0352 |  |  |
|  | A2.2 | CO2 | 4.191 | 7772.1574 | 881.5313 |  |  |
|  | A2.3 | CO2 | 4.191 | 5490.5736 | 619.6399 |  |  |
|  | A2.6 | CO2 | 4.192 | 6046.3994 | 683.4404 |  |  |
|  | A2.1 | CO2 | 4.192 | 5494.1193 | 620.0469 |  |  |
|  | A2.7 | CO2 | 4.193 | 5684.3887 | 641.8870 |  |  |
|  | B1.23 | CO2 | 4.193 | 6924.7542 | 784.2622 |  |  |
|  | A2.8 | CO2 | 4.194 | 7418.4182 | 840.9274 |  |  |
|  | B2.2 | CO2 | 4.194 | 7346.0923 | 832.6255 |  |  |
|  | B1.22 | CO2 | 4.195 | 8378.2965 | 951.1069 |  |  |
|  | B2.1 | CO2 | 4.195 | 8369.3224 | 950.0768 |  |  |
|  | B2.3 | CO2 | 4.195 | 9473.9907 | 1076.8760 |  |  |
|  | A3.11 | CO2 | 4.195 | 9905.5960 | 1126.4178 |  |  |
|  | A3.8 | CO2 | 4.196 | 10131.1067 | 1152.3030 |  |  |

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|  | **Sample Name** | **Name** | **RT** | **Area** | **Concentration** **[ppm]** |  |  |
|  | A2.23 | CO2 | 4.196 | 8710.3348 | 989.2199 |  |  |
|  | A2.11 | CO2 | 4.196 | 7109.4629 | 805.4640 |  |  |
|  | B1.21 | CO2 | 4.196 | 5858.5124 | 661.8738 |  |  |
|  | B2.6 | CO2 | 4.197 | 7565.4017 | 857.7988 |  |  |
|  | B1.11 | CO2 | 4.197 | 4800.6929 | 540.4521 |  |  |
|  | A3.7 | CO2 | 4.197 | 7216.2006 | 817.7159 |  |  |
|  | A1.17 | CO2 | 4.197 | 5460.4248 | 616.1793 |  |  |
|  | B1.8 | CO2 | 4.197 | 5015.8375 | 565.1474 |  |  |
|  | B1.12 | CO2 | 4.197 | 5590.5516 | 631.1159 |  |  |
|  | A1.18 | CO2 | 4.197 | 4877.9977 | 549.3255 |  |  |
|  | B1.16 | CO2 | 4.197 | 7035.0704 | 796.9248 |  |  |
|  | B2.11 | CO2 | 4.197 | 7208.7145 | 816.8566 |  |  |
|  | B1.13 | CO2 | 4.197 | 5871.1964 | 663.3297 |  |  |
|  | A1.16 | CO2 | 4.197 | 4591.6275 | 516.4545 |  |  |
|  | A3.6 | CO2 | 4.197 | 9648.4686 | 1096.9034 |  |  |
|  | B2.7 | CO2 | 4.197 | 9956.9221 | 1132.3092 |  |  |
|  | B1.18 | CO2 | 4.197 | 5278.8649 | 595.3390 |  |  |
|  | B1.17 | CO2 | 4.197 | 5670.8072 | 640.3281 |  |  |
|  | A2.12 | CO2 | 4.197 | 7830.3162 | 888.2070 |  |  |
|  | B2.12 | CO2 | 4.197 | 8793.2716 | 998.7398 |  |  |
|  | A2.22 | CO2 | 4.197 | 6554.5793 | 741.7717 |  |  |
|  | A1.21 | CO2 | 4.197 | 4445.2534 | 499.6530 |  |  |
|  | A3.3 | CO2 | 4.197 | 14462.4859 | 1649.4799 |  |  |
|  | STD O | CO2 | 4.197 | 5966.2475 | 674.2401 |  |  |
|  | B1.7 | CO2 | 4.197 | 5829.7048 | 658.5671 |  |  |
|  | B2.8 | CO2 | 4.197 | 8221.0966 | 933.0627 |  |  |
|  | A1.22 | CO2 | 4.198 | 5827.3441 | 658.2961 |  |  |
|  | A1.13 | CO2 | 4.198 | 4721.6254 | 531.3763 |  |  |

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|  | **Sample Name** | **Name** | **RT** | **Area** | **Concentration** **[ppm]** |  |  |
|  | A1.23 | CO2 | 4.198 | 5323.7270 | 600.4885 |  |  |
|  | B1.1 | CO2 | 4.198 | 5903.7764 | 667.0694 |  |  |
|  | A2.13 | CO2 | 4.198 | 6679.4124 | 756.1007 |  |  |
|  | BLANK | CO2 | 4.198 | 4997.4848 | 563.0408 |  |  |
|  | B2.13 | CO2 | 4.198 | 9350.0056 | 1062.6444 |  |  |
|  | B1.3 | CO2 | 4.198 | 4775.7628 | 537.5905 |  |  |
|  | B1.2 | CO2 | 4.198 | 4658.2768 | 524.1049 |  |  |
|  | A1.12 | CO2 | 4.198 | 4935.4881 | 555.9245 |  |  |
|  | B1.6 | CO2 | 4.199 | 4462.3245 | 501.6125 |  |  |
|  | A1.1 | CO2 | 4.199 | 5308.1352 | 598.6988 |  |  |
|  | A3.2 | CO2 | 4.199 | 14874.0237 | 1696.7182 |  |  |
|  | A2.21 | CO2 | 4.199 | 6370.0315 | 720.5884 |  |  |
|  | B2.16 | CO2 | 4.199 | 10160.2207 | 1155.6449 |  |  |
|  | STD N | CO2 | 4.199 | 3708.4482 | 415.0789 |  |  |
|  | A1.2 | CO2 | 4.199 | 4783.5640 | 538.4859 |  |  |
|  | A1.3 | CO2 | 4.199 | 4549.5992 | 511.6303 |  |  |
|  | A2.18 | CO2 | 4.199 | 7504.7590 | 850.8380 |  |  |
|  | A2.16 | CO2 | 4.199 | 6554.2295 | 741.7316 |  |  |
|  | A1.7 | CO2 | 4.199 | 4461.6366 | 501.5335 |  |  |
|  | A1.6 | CO2 | 4.200 | 4505.0842 | 506.5207 |  |  |
|  | A1.11 | CO2 | 4.200 | 4181.2227 | 469.3463 |  |  |
|  | A2.17 | CO2 | 4.200 | 10580.5364 | 1203.8907 |  |  |
|  | A1.8 | CO2 | 4.200 | 5023.6010 | 566.0386 |  |  |
|  | B2.17 | CO2 | 4.200 | 9677.5644 | 1100.2432 |  |  |
|  | A3.1 | CO2 | 4.200 | 12695.8079 | 1446.6919 |  |  |
|  | B2.18 | CO2 | 4.201 | 10605.2497 | 1206.7274 |  |  |
|  | B2.23 | CO2 | 4.201 | 12192.7118 | 1388.9441 |  |  |
|  | B2.21 | CO2 | 4.201 | 12632.8354 | 1439.4636 |  |  |

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|  | **Sample Name** | **Name** | **RT** | **Area** | **Concentration** **[ppm]** |  |  |
|  | B2.22 | CO2 | 4.201 | 14356.6749 | 1637.3344 |  |  |
|  | A2.1 | N2O | 5.120 | 107.5497 | 0.2318 |  |  |
|  | A2.6 | N2O | 5.120 | 1152.4370 | 3.1561 |  |  |
|  | A2.2 | N2O | 5.120 | 111.6966 | 0.2434 |  |  |
|  | B2.3 | N2O | 5.121 | 110.4666 | 0.2400 |  |  |
|  | B2.2 | N2O | 5.121 | 107.0822 | 0.2305 |  |  |
|  | A2.3 | N2O | 5.121 | 108.7140 | 0.2351 |  |  |
|  | A2.7 | N2O | 5.122 | 1101.1035 | 3.0124 |  |  |
|  | B1.23 | N2O | 5.122 | 109.7239 | 0.2379 |  |  |
|  | A2.8 | N2O | 5.122 | 1291.7855 | 3.5461 |  |  |
|  | A1.18 | N2O | 5.123 | 116.4172 | 0.2567 |  |  |
|  | A2.23 | N2O | 5.123 | 129.2524 | 0.2926 |  |  |
|  | A1.21 | N2O | 5.123 | 111.5059 | 0.2429 |  |  |
|  | A1.13 | N2O | 5.124 | 113.4993 | 0.2485 |  |  |
|  | B2.1 | N2O | 5.124 | 108.1271 | 0.2335 |  |  |
|  | B1.22 | N2O | 5.124 | 123.3818 | 0.2761 |  |  |
|  | A1.23 | N2O | 5.124 | 122.7185 | 0.2743 |  |  |
|  | A3.11 | N2O | 5.124 | 119.4144 | 0.2650 |  |  |
|  | A2.11 | N2O | 5.124 | 120.8502 | 0.2691 |  |  |
|  | B1.21 | N2O | 5.124 | 119.8063 | 0.2661 |  |  |
|  | A3.8 | N2O | 5.124 | 2147.9128 | 5.9421 |  |  |
|  | B1.12 | N2O | 5.124 | 191.3637 | 0.4664 |  |  |
|  | B2.6 | N2O | 5.124 | 115.5513 | 0.2542 |  |  |
|  | A2.22 | N2O | 5.124 | 106.1822 | 0.2280 |  |  |
|  | A1.16 | N2O | 5.124 | 112.3949 | 0.2454 |  |  |
|  | B1.8 | N2O | 5.125 | 113.1898 | 0.2476 |  |  |
|  | B1.16 | N2O | 5.125 | 155.6373 | 0.3664 |  |  |
|  | STD O | N2O | 5.125 | 249.7271 | 0.6297 |  |  |

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|  | **Sample Name** | **Name** | **RT** | **Area** | **Concentration** **[ppm]** |  |  |
|  | B1.13 | N2O | 5.125 | 146.3239 | 0.3404 |  |  |
|  | A3.7 | N2O | 5.125 | 2151.9535 | 5.9534 |  |  |
|  | B2.8 | N2O | 5.125 | 114.7587 | 0.2520 |  |  |
|  | A1.17 | N2O | 5.125 | 121.6956 | 0.2714 |  |  |
|  | A1.2 | N2O | 5.125 | 111.0208 | 0.2416 |  |  |
|  | B1.11 | N2O | 5.125 | 147.0430 | 0.3424 |  |  |
|  | B1.18 | N2O | 5.125 | 195.5953 | 0.4782 |  |  |
|  | B1.7 | N2O | 5.125 | 124.4187 | 0.2790 |  |  |
|  | A1.12 | N2O | 5.125 | 119.8939 | 0.2664 |  |  |
|  | A1.22 | N2O | 5.125 | 124.5869 | 0.2795 |  |  |
|  | A1.11 | N2O | 5.125 | 107.4331 | 0.2315 |  |  |
|  | B2.12 | N2O | 5.125 | 413.2561 | 1.0874 |  |  |
|  | B1.2 | N2O | 5.125 | 109.5601 | 0.2375 |  |  |
|  | B1.17 | N2O | 5.125 | 175.1530 | 0.4210 |  |  |
|  | B2.11 | N2O | 5.125 | 244.8882 | 0.6162 |  |  |
|  | A3.6 | N2O | 5.125 | 2776.5021 | 7.7013 |  |  |
|  | A3.3 | N2O | 5.126 | 135.8245 | 0.3110 |  |  |
|  | BLANK | N2O | 5.126 | 123.8185 | 0.2774 |  |  |
|  | A1.3 | N2O | 5.126 | 108.0187 | 0.2332 |  |  |
|  | A2.21 | N2O | 5.126 | 122.6946 | 0.2742 |  |  |
|  | B2.7 | N2O | 5.126 | 123.0587 | 0.2752 |  |  |
|  | B1.1 | N2O | 5.126 | 124.0707 | 0.2781 |  |  |
|  | A1.6 | N2O | 5.126 | 255.7216 | 0.6465 |  |  |
|  | STD N | N2O | 5.126 | 184.5546 | 0.4473 |  |  |
|  | B2.13 | N2O | 5.126 | 214.6756 | 0.5316 |  |  |
|  | A1.7 | N2O | 5.127 | 225.1812 | 0.5610 |  |  |
|  | B1.3 | N2O | 5.127 | 111.6109 | 0.2432 |  |  |
|  | A2.12 | N2O | 5.127 | 121.2371 | 0.2701 |  |  |

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|  | **Sample Name** | **Name** | **RT** | **Area** | **Concentration** **[ppm]** |  |  |
|  | B2.16 | N2O | 5.127 | 260.7529 | 0.6606 |  |  |
|  | B1.6 | N2O | 5.127 | 109.5987 | 0.2376 |  |  |
|  | A2.18 | N2O | 5.127 | 153.1387 | 0.3594 |  |  |
|  | A2.13 | N2O | 5.127 | 109.3150 | 0.2368 |  |  |
|  | A1.8 | N2O | 5.127 | 292.8734 | 0.7505 |  |  |
|  | A3.2 | N2O | 5.127 | 129.8742 | 0.2943 |  |  |
|  | A2.16 | N2O | 5.128 | 110.8085 | 0.2410 |  |  |
|  | A1.1 | N2O | 5.128 | 123.6370 | 0.2769 |  |  |
|  | B2.17 | N2O | 5.128 | 371.2737 | 0.9699 |  |  |
|  | A2.17 | N2O | 5.128 | 126.3218 | 0.2844 |  |  |
|  | A3.1 | N2O | 5.128 | 116.6604 | 0.2573 |  |  |
|  | B2.18 | N2O | 5.129 | 650.4507 | 1.7512 |  |  |
|  | B2.23 | N2O | 5.129 | 117.6898 | 0.2602 |  |  |
|  | B2.22 | N2O | 5.129 | 126.9422 | 0.2861 |  |  |
|  | B2.21 | N2O | 5.130 | 129.4518 | 0.2931 |  |  |