

rteres

Instrument :

FID\_D

ClientSampleId :

ASTORIA-YARD-PIT-11-STOCKPILEMSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD02042

Data File : FD040891.D

Signal(s) : FID2B.CH

Acq On : 04 Feb 2022 14:44

Sample : N1378-01MSD

Misc :

ALS Vial : 59 Sample Multiplier: 1

Reviewed By :Yogesh Patel 02/07/2022

Supervised By :Ankita Jodhani 02/07/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 020322.M

Title : GC Extractables

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.418       | 3.402        | 3.433      | BV       | 219            | 2009         | 0.03%          | 0.001%        |
| 2         | 3.442       | 3.433        | 3.457      | PV       | 184            | 1124         | 0.01%          | 0.001%        |
| 3         | 3.472       | 3.457        | 3.518      | VV       | 1051           | 10767        | 0.14%          | 0.006%        |
| 4         | 3.541       | 3.518        | 3.560      | PV       | 38855          | 344991       | 4.58%          | 0.207%        |
| 5         | 3.581       | 3.560        | 3.625      | VV       | 452132         | 3983495      | 52.89%         | 2.390%        |
| 6         | 3.640       | 3.625        | 3.673      | VV       | 2942           | 48334        | 0.64%          | 0.029%        |
| 7         | 3.701       | 3.673        | 3.724      | VV       | 3320           | 46557        | 0.62%          | 0.028%        |
| 8         | 3.753       | 3.724        | 3.769      | VV       | 4952           | 61743        | 0.82%          | 0.037%        |
| 9         | 3.783       | 3.769        | 3.804      | VV       | 4694           | 49035        | 0.65%          | 0.029%        |
| 10        | 3.814       | 3.804        | 3.829      | VV       | 501            | 6228         | 0.08%          | 0.004%        |
| 11        | 3.841       | 3.829        | 3.864      | VV       | 717            | 8566         | 0.11%          | 0.005%        |
| 12        | 3.896       | 3.864        | 3.927      | VV       | 1510           | 18714        | 0.25%          | 0.011%        |
| 13        | 3.948       | 3.927        | 3.959      | VV       | 352            | 5208         | 0.07%          | 0.003%        |
| 14        | 3.963       | 3.959        | 3.967      | VV       | 350            | 1612         | 0.02%          | 0.001%        |
| 15        | 3.974       | 3.967        | 4.009      | VV       | 539            | 7857         | 0.10%          | 0.005%        |
| 16        | 4.018       | 4.009        | 4.034      | VV       | 168            | 2110         | 0.03%          | 0.001%        |
| 17        | 4.053       | 4.034        | 4.061      | PV       | 372            | 3607         | 0.05%          | 0.002%        |
| 18        | 4.074       | 4.061        | 4.090      | VV       | 700            | 8342         | 0.11%          | 0.005%        |
| 19        | 4.126       | 4.090        | 4.132      | VV       | 1522           | 17798        | 0.24%          | 0.011%        |
| 20        | 4.149       | 4.132        | 4.180      | VV       | 10614          | 119882       | 1.59%          | 0.072%        |
| 21        | 4.205       | 4.180        | 4.222      | VV       | 2644           | 31418        | 0.42%          | 0.019%        |
| 22        | 4.231       | 4.222        | 4.248      | VV       | 687            | 6841         | 0.09%          | 0.004%        |
| 23        | 4.262       | 4.248        | 4.271      | VV       | 324            | 4012         | 0.05%          | 0.002%        |
| 24        | 4.284       | 4.271        | 4.297      | VV       | 367            | 3377         | 0.04%          | 0.002%        |
| 25        | 4.318       | 4.297        | 4.325      | VV       | 1154           | 11513        | 0.15%          | 0.007%        |
| 26        | 4.333       | 4.325        | 4.350      | VV       | 1356           | 13957        | 0.19%          | 0.008%        |
| 27        | 4.369       | 4.350        | 4.404      | VV       | 3927           | 53278        | 0.71%          | 0.032%        |
| 28        | 4.417       | 4.404        | 4.465      | VV       | 697            | 12639        | 0.17%          | 0.008%        |
| 29        | 4.488       | 4.465        | 4.526      | VV       | 8618           | 104678       | 1.39%          | 0.063%        |
| 30        | 4.543       | 4.526        | 4.561      | VV       | 1728           | 23777        | 0.32%          | 0.014%        |
| 31        | 4.583       | 4.561        | 4.624      | VV       | 4201           | 64458        | 0.86%          | 0.039%        |
| 32        | 4.637       | 4.624        | 4.687      | VV       | 1056           | 14601        | 0.19%          | 0.009%        |
| 33        | 4.704       | 4.687        | 4.712      | VV       | 424            | 4560         | 0.06%          | 0.003%        |
| 34        | 4.722       | 4.712        | 4.746      | VV       | 505            | 5879         | 0.08%          | 0.004%        |
| 35        | 4.797       | 4.769        | 4.820      | PV       | 1108           | 20811        | 0.28%          | 0.012%        |
| 36        | 4.834       | 4.820        | 4.841      | VV       | 1267           | 12937        | 0.17%          | 0.008%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 4.856 | 4.841 | 4.896 | VV | 2078   | 31074   | 0.41%  | 0.019% |
| 38 | 4.905 | 4.896 | 4.934 | VV | 361    | 4792    |        |        |
| 39 | 4.959 | 4.949 | 4.972 | PV | 168    | 1253    |        |        |
| 40 | 4.994 | 4.972 | 5.009 | VV | 715    | 9239    |        |        |
| 41 | 5.021 | 5.009 | 5.046 | VV | 1117   | 14934   |        |        |
| 42 | 5.070 | 5.046 | 5.156 | VV | 510828 | 4869006 | 64     |        |
| 43 | 5.170 | 5.156 | 5.218 | VV | 2726   | 53637   | 0.71%  | 0.032% |
| 44 | 5.239 | 5.218 | 5.269 | VV | 1711   | 30061   | 0.40%  | 0.018% |
| 45 | 5.288 | 5.269 | 5.346 | VV | 1061   | 30179   | 0.40%  | 0.018% |
| 46 | 5.357 | 5.346 | 5.419 | VV | 560    | 12658   | 0.17%  | 0.008% |
| 47 | 5.422 | 5.419 | 5.430 | VV | 227    | 1251    | 0.02%  | 0.001% |
| 48 | 5.455 | 5.430 | 5.484 | VV | 6371   | 77898   | 1.03%  | 0.047% |
| 49 | 5.506 | 5.484 | 5.526 | VV | 45776  | 462846  | 6.15%  | 0.278% |
| 50 | 5.535 | 5.526 | 5.572 | VV | 4892   | 64185   | 0.85%  | 0.039% |
| 51 | 5.588 | 5.572 | 5.607 | VV | 2091   | 23938   | 0.32%  | 0.014% |
| 52 | 5.623 | 5.607 | 5.637 | VV | 1082   | 12722   | 0.17%  | 0.008% |
| 53 | 5.653 | 5.637 | 5.673 | VV | 2545   | 29298   | 0.39%  | 0.018% |
| 54 | 5.687 | 5.673 | 5.706 | VV | 882    | 10340   | 0.14%  | 0.006% |
| 55 | 5.725 | 5.706 | 5.768 | VV | 1486   | 16094   | 0.21%  | 0.010% |
| 56 | 5.776 | 5.768 | 5.799 | VV | 168    | 1447    | 0.02%  | 0.001% |
| 57 | 5.832 | 5.799 | 5.848 | PV | 510    | 10422   | 0.14%  | 0.006% |
| 58 | 5.869 | 5.848 | 5.878 | VV | 333    | 4837    | 0.06%  | 0.003% |
| 59 | 5.892 | 5.878 | 5.918 | VV | 725    | 8468    | 0.11%  | 0.005% |
| 60 | 5.943 | 5.918 | 5.972 | VV | 1681   | 21923   | 0.29%  | 0.013% |
| 61 | 5.994 | 5.972 | 6.006 | VV | 1893   | 22488   | 0.30%  | 0.013% |
| 62 | 6.019 | 6.006 | 6.032 | VV | 3048   | 33724   | 0.45%  | 0.020% |
| 63 | 6.044 | 6.032 | 6.079 | VV | 2672   | 46217   | 0.61%  | 0.028% |
| 64 | 6.109 | 6.079 | 6.212 | VV | 519420 | 5195437 | 68.98% | 3.118% |
| 65 | 6.244 | 6.212 | 6.261 | VV | 3870   | 72610   | 0.96%  | 0.044% |
| 66 | 6.279 | 6.261 | 6.318 | VV | 7343   | 97093   | 1.29%  | 0.058% |
| 67 | 6.341 | 6.318 | 6.371 | VV | 2707   | 46614   | 0.62%  | 0.028% |
| 68 | 6.385 | 6.371 | 6.396 | VV | 1540   | 18118   | 0.24%  | 0.011% |
| 69 | 6.410 | 6.396 | 6.437 | VV | 2132   | 35075   | 0.47%  | 0.021% |
| 70 | 6.477 | 6.437 | 6.497 | VV | 2216   | 38782   | 0.51%  | 0.023% |
| 71 | 6.509 | 6.497 | 6.531 | VV | 1369   | 14705   | 0.20%  | 0.009% |
| 72 | 6.540 | 6.531 | 6.557 | VV | 211    | 2355    | 0.03%  | 0.001% |
| 73 | 6.578 | 6.557 | 6.599 | VV | 419    | 5474    | 0.07%  | 0.003% |
| 74 | 6.621 | 6.599 | 6.651 | PV | 1574   | 19194   | 0.25%  | 0.012% |
| 75 | 6.677 | 6.651 | 6.692 | VV | 2752   | 28861   | 0.38%  | 0.017% |
| 76 | 6.719 | 6.692 | 6.813 | VV | 557570 | 5572747 | 73.99% | 3.344% |
| 77 | 6.838 | 6.813 | 6.861 | VV | 2028   | 41471   | 0.55%  | 0.025% |
| 78 | 6.871 | 6.861 | 6.892 | VV | 952    | 14975   | 0.20%  | 0.009% |
| 79 | 6.897 | 6.892 | 6.919 | VV | 438    | 5129    | 0.07%  | 0.003% |
| 80 | 6.934 | 6.919 | 6.951 | VV | 543    | 6807    | 0.09%  | 0.004% |
| 81 | 6.980 | 6.951 | 7.020 | VV | 1269   | 27607   | 0.37%  | 0.017% |
| 82 | 7.034 | 7.020 | 7.057 | VV | 838    | 12197   | 0.16%  | 0.007% |
| 83 | 7.082 | 7.057 | 7.089 | VV | 1375   | 17838   | 0.24%  | 0.011% |
| 84 | 7.098 | 7.089 | 7.155 | VV | 1400   | 26248   | 0.35%  | 0.016% |
| 85 | 7.161 | 7.155 | 7.164 | VV | 219    | 1009    | 0.01%  | 0.001% |
| 86 | 7.193 | 7.164 | 7.209 | VV | 2914   | 38164   | 0.51%  | 0.023% |
| 87 | 7.222 | 7.209 | 7.241 | VV | 1821   | 23585   | 0.31%  | 0.014% |
| 88 | 7.281 | 7.241 | 7.326 | VV | 45148  | 499920  | 6.64%  | 0.300% |
| 89 | 7.370 | 7.326 | 7.451 | VV | 537386 | 5579411 | 74.08% | 3.348% |

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|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 7.467  | 7.451  | 7.493  | VV | 1823   | 30616   | 0.41%  | 0.018% |
| 91  | 7.511  | 7.493  | 7.539  | VV | 1507   | 18644   |        |        |
| 92  | 7.566  | 7.539  | 7.614  | PV | 375260 | 3831957 | 50.41% | 0.018% |
| 93  | 7.624  | 7.614  | 7.637  | VV | 3626   | 44329   |        |        |
| 94  | 7.665  | 7.637  | 7.724  | VV | 607663 | 5942741 | 78.41% | 0.018% |
| 95  | 7.731  | 7.724  | 7.757  | VV | 3276   | 52416   |        |        |
| 96  | 7.775  | 7.757  | 7.801  | VV | 2212   | 48684   | 0.65%  | 0.029% |
| 97  | 7.815  | 7.801  | 7.857  | VV | 2236   | 52405   | 0.70%  | 0.031% |
| 98  | 7.876  | 7.857  | 7.894  | VV | 1450   | 21005   | 0.28%  | 0.013% |
| 99  | 7.945  | 7.894  | 7.971  | VV | 1888   | 58546   | 0.78%  | 0.035% |
| 100 | 7.999  | 7.971  | 8.064  | VV | 213105 | 2314958 | 30.74% | 1.389% |
| 101 | 8.072  | 8.064  | 8.086  | VV | 1723   | 19651   | 0.26%  | 0.012% |
| 102 | 8.111  | 8.086  | 8.147  | VV | 6037   | 98727   | 1.31%  | 0.059% |
| 103 | 8.156  | 8.147  | 8.164  | VV | 754    | 6830    | 0.09%  | 0.004% |
| 104 | 8.181  | 8.164  | 8.204  | VV | 1718   | 24751   | 0.33%  | 0.015% |
| 105 | 8.228  | 8.204  | 8.248  | VV | 2229   | 29737   | 0.39%  | 0.018% |
| 106 | 8.262  | 8.248  | 8.279  | VV | 1249   | 16803   | 0.22%  | 0.010% |
| 107 | 8.286  | 8.279  | 8.294  | VV | 874    | 6894    | 0.09%  | 0.004% |
| 108 | 8.311  | 8.294  | 8.346  | VV | 2536   | 42761   | 0.57%  | 0.026% |
| 109 | 8.363  | 8.346  | 8.383  | VV | 1802   | 32815   | 0.44%  | 0.020% |
| 110 | 8.396  | 8.383  | 8.410  | VV | 1810   | 25169   | 0.33%  | 0.015% |
| 111 | 8.440  | 8.410  | 8.506  | VV | 546171 | 5957464 | 79.10% | 3.575% |
| 112 | 8.524  | 8.506  | 8.569  | VV | 4125   | 102338  | 1.36%  | 0.061% |
| 113 | 8.594  | 8.569  | 8.618  | VV | 2779   | 60653   | 0.81%  | 0.036% |
| 114 | 8.654  | 8.618  | 8.688  | VV | 5658   | 122044  | 1.62%  | 0.073% |
| 115 | 8.702  | 8.688  | 8.728  | VV | 2198   | 43146   | 0.57%  | 0.026% |
| 116 | 8.731  | 8.728  | 8.734  | VV | 1600   | 5667    | 0.08%  | 0.003% |
| 117 | 8.739  | 8.734  | 8.744  | VV | 1579   | 8977    | 0.12%  | 0.005% |
| 118 | 8.784  | 8.744  | 8.839  | VV | 2350   | 112467  | 1.49%  | 0.067% |
| 119 | 8.866  | 8.839  | 8.904  | VV | 45377  | 548999  | 7.29%  | 0.329% |
| 120 | 8.909  | 8.904  | 8.918  | VV | 2313   | 18594   | 0.25%  | 0.011% |
| 121 | 8.935  | 8.918  | 8.955  | VV | 2557   | 53379   | 0.71%  | 0.032% |
| 122 | 8.960  | 8.955  | 8.983  | VV | 2340   | 35183   | 0.47%  | 0.021% |
| 123 | 9.034  | 8.983  | 9.057  | VV | 2477   | 93872   | 1.25%  | 0.056% |
| 124 | 9.105  | 9.057  | 9.110  | VV | 2413   | 64054   | 0.85%  | 0.038% |
| 125 | 9.162  | 9.110  | 9.169  | VV | 3696   | 104767  | 1.39%  | 0.063% |
| 126 | 9.183  | 9.169  | 9.212  | VV | 3859   | 90281   | 1.20%  | 0.054% |
| 127 | 9.235  | 9.212  | 9.249  | VV | 4164   | 79190   | 1.05%  | 0.048% |
| 128 | 9.285  | 9.249  | 9.294  | VV | 4832   | 119396  | 1.59%  | 0.072% |
| 129 | 9.322  | 9.294  | 9.342  | VV | 5622   | 143945  | 1.91%  | 0.086% |
| 130 | 9.370  | 9.342  | 9.412  | VV | 6260   | 207844  | 2.76%  | 0.125% |
| 131 | 9.430  | 9.412  | 9.449  | VV | 5315   | 108082  | 1.44%  | 0.065% |
| 132 | 9.481  | 9.449  | 9.516  | VV | 6286   | 218519  | 2.90%  | 0.131% |
| 133 | 9.553  | 9.516  | 9.572  | VV | 6057   | 179796  | 2.39%  | 0.108% |
| 134 | 9.619  | 9.572  | 9.667  | VV | 11186  | 468443  | 6.22%  | 0.281% |
| 135 | 9.682  | 9.667  | 9.699  | VV | 6852   | 128705  | 1.71%  | 0.077% |
| 136 | 9.727  | 9.699  | 9.757  | VV | 8979   | 251877  | 3.34%  | 0.151% |
| 137 | 9.827  | 9.757  | 9.869  | VV | 594491 | 6820865 | 90.57% | 4.093% |
| 138 | 9.901  | 9.869  | 9.977  | VV | 560476 | 6509351 | 86.43% | 3.906% |
| 139 | 10.001 | 9.977  | 10.009 | VV | 10394  | 190400  | 2.53%  | 0.114% |
| 140 | 10.015 | 10.009 | 10.035 | VV | 10240  | 147194  | 1.95%  | 0.088% |
| 141 | 10.053 | 10.035 | 10.059 | VV | 8914   | 122953  | 1.63%  | 0.074% |

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|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.064 | 10.059 | 10.071 | VV | 8753   | 58512   | 0.78%   | 0.035% |
| 143 | 10.097 | 10.071 | 10.102 | VV | 9026   | 166352  |         |        |
| 144 | 10.116 | 10.102 | 10.122 | VV | 9169   | 108283  |         |        |
| 145 | 10.143 | 10.122 | 10.167 | VV | 10740  | 263304  |         |        |
| 146 | 10.178 | 10.167 | 10.186 | VV | 9435   | 102506  |         |        |
| 147 | 10.193 | 10.186 | 10.205 | VV | 9479   | 109300  |         |        |
| 148 | 10.214 | 10.205 | 10.224 | VV | 9635   | 105591  | 1.40%   | 0.063% |
| 149 | 10.241 | 10.224 | 10.258 | VV | 9827   | 196936  | 2.61%   | 0.118% |
| 150 | 10.267 | 10.258 | 10.272 | VV | 9333   | 74963   | 1.00%   | 0.045% |
| 151 | 10.296 | 10.272 | 10.332 | VV | 51934  | 822319  | 10.92%  | 0.493% |
| 152 | 10.359 | 10.332 | 10.396 | VV | 11886  | 425512  | 5.65%   | 0.255% |
| 153 | 10.408 | 10.396 | 10.416 | VV | 10065  | 113122  | 1.50%   | 0.068% |
| 154 | 10.420 | 10.416 | 10.427 | VV | 9817   | 66838   | 0.89%   | 0.040% |
| 155 | 10.449 | 10.427 | 10.460 | VV | 10357  | 198167  | 2.63%   | 0.119% |
| 156 | 10.488 | 10.460 | 10.537 | VV | 13031  | 516114  | 6.85%   | 0.310% |
| 157 | 10.598 | 10.537 | 10.638 | VV | 525487 | 6273321 | 83.30%  | 3.764% |
| 158 | 10.655 | 10.638 | 10.706 | VV | 20129  | 589439  | 7.83%   | 0.354% |
| 159 | 10.731 | 10.706 | 10.749 | VV | 17224  | 371249  | 4.93%   | 0.223% |
| 160 | 10.767 | 10.749 | 10.784 | VV | 19191  | 338923  | 4.50%   | 0.203% |
| 161 | 10.800 | 10.784 | 10.862 | VV | 17131  | 636788  | 8.46%   | 0.382% |
| 162 | 10.883 | 10.862 | 10.898 | VV | 12232  | 252655  | 3.35%   | 0.152% |
| 163 | 10.927 | 10.898 | 10.938 | VV | 13255  | 300847  | 3.99%   | 0.181% |
| 164 | 10.958 | 10.938 | 10.976 | VV | 13798  | 292691  | 3.89%   | 0.176% |
| 165 | 10.981 | 10.976 | 10.986 | VV | 12049  | 75490   | 1.00%   | 0.045% |
| 166 | 11.015 | 10.986 | 11.038 | VV | 31515  | 595982  | 7.91%   | 0.358% |
| 167 | 11.044 | 11.038 | 11.073 | VV | 13389  | 256473  | 3.41%   | 0.154% |
| 168 | 11.099 | 11.073 | 11.138 | VV | 16530  | 552807  | 7.34%   | 0.332% |
| 169 | 11.160 | 11.138 | 11.202 | VV | 14365  | 518856  | 6.89%   | 0.311% |
| 170 | 11.209 | 11.202 | 11.229 | VV | 13256  | 205535  | 2.73%   | 0.123% |
| 171 | 11.273 | 11.229 | 11.279 | VV | 13232  | 378058  | 5.02%   | 0.227% |
| 172 | 11.289 | 11.279 | 11.307 | VV | 13198  | 218295  | 2.90%   | 0.131% |
| 173 | 11.324 | 11.307 | 11.330 | VV | 12435  | 163482  | 2.17%   | 0.098% |
| 174 | 11.363 | 11.330 | 11.389 | VV | 13454  | 444905  | 5.91%   | 0.267% |
| 175 | 11.410 | 11.389 | 11.420 | VV | 15076  | 259133  | 3.44%   | 0.155% |
| 176 | 11.428 | 11.420 | 11.441 | VV | 15011  | 180142  | 2.39%   | 0.108% |
| 177 | 11.463 | 11.441 | 11.491 | VV | 22005  | 500260  | 6.64%   | 0.300% |
| 178 | 11.513 | 11.491 | 11.533 | VV | 21757  | 426043  | 5.66%   | 0.256% |
| 179 | 11.553 | 11.533 | 11.572 | VV | 17060  | 361907  | 4.81%   | 0.217% |
| 180 | 11.597 | 11.572 | 11.602 | VV | 55147  | 601856  | 7.99%   | 0.361% |
| 181 | 11.629 | 11.602 | 11.704 | VV | 592670 | 7531260 | 100.00% | 4.519% |
| 182 | 11.730 | 11.704 | 11.744 | VV | 11977  | 271637  | 3.61%   | 0.163% |
| 183 | 11.762 | 11.744 | 11.782 | VV | 16254  | 299766  | 3.98%   | 0.180% |
| 184 | 11.808 | 11.782 | 11.839 | VV | 19982  | 499264  | 6.63%   | 0.300% |
| 185 | 11.866 | 11.839 | 11.887 | VV | 13572  | 363469  | 4.83%   | 0.218% |
| 186 | 11.923 | 11.887 | 11.956 | VV | 598286 | 7290294 | 96.80%  | 4.375% |
| 187 | 11.979 | 11.956 | 12.004 | VV | 17166  | 407838  | 5.42%   | 0.245% |
| 188 | 12.035 | 12.004 | 12.062 | VV | 179098 | 2344244 | 31.13%  | 1.407% |
| 189 | 12.078 | 12.062 | 12.125 | VV | 17032  | 494624  | 6.57%   | 0.297% |
| 190 | 12.129 | 12.125 | 12.151 | VV | 10379  | 156126  | 2.07%   | 0.094% |
| 191 | 12.155 | 12.151 | 12.167 | VV | 9506   | 91409   | 1.21%   | 0.055% |
| 192 | 12.204 | 12.167 | 12.237 | VV | 49860  | 924023  | 12.27%  | 0.554% |
| 193 | 12.257 | 12.237 | 12.297 | VV | 22634  | 494538  | 6.57%   | 0.297% |
| 194 | 12.319 | 12.297 | 12.333 | VV | 11497  | 225996  | 3.00%   | 0.136% |

Instrument :

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ClientSampleId :

ASTORIA-YARD-PIT-11-STOCKPILEMSD

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Supervised By :Ankita Jodhani 02/07/2022

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 12.342 | 12.333 | 12.348 | VV | 10580  | 92311   | 1.23%  | 0.055% |
| 196 | 12.351 | 12.348 | 12.357 | VV | 10393  | 58336   |        |        |
| 197 | 12.379 | 12.357 | 12.409 | VV | 13931  | 377985  |        |        |
| 198 | 12.413 | 12.409 | 12.439 | VV | 11151  | 184379  |        |        |
| 199 | 12.447 | 12.439 | 12.452 | VV | 9072   | 71978   |        |        |
| 200 | 12.506 | 12.452 | 12.566 | VV | 19425  | 828538  | 11.23% | 0.055% |
| 201 | 12.582 | 12.566 | 12.596 | VV | 8917   | 154711  | 2.05%  | 0.093% |
| 202 | 12.616 | 12.596 | 12.633 | VV | 14044  | 257252  | 3.42%  | 0.154% |
| 203 | 12.650 | 12.633 | 12.681 | VV | 17581  | 352447  | 4.68%  | 0.211% |
| 204 | 12.689 | 12.681 | 12.726 | VV | 9051   | 217937  | 2.89%  | 0.131% |
| 205 | 12.784 | 12.726 | 12.807 | VV | 51659  | 987863  | 13.12% | 0.593% |
| 206 | 12.818 | 12.807 | 12.849 | VV | 13930  | 254610  | 3.38%  | 0.153% |
| 207 | 12.853 | 12.849 | 12.882 | VV | 6451   | 126659  | 1.68%  | 0.076% |
| 208 | 12.886 | 12.882 | 12.897 | VV | 6341   | 55842   | 0.74%  | 0.034% |
| 209 | 12.902 | 12.897 | 12.907 | VV | 6150   | 37553   | 0.50%  | 0.023% |
| 210 | 12.912 | 12.907 | 12.933 | VV | 6188   | 88784   | 1.18%  | 0.053% |
| 211 | 12.940 | 12.933 | 12.943 | VV | 5688   | 35743   | 0.47%  | 0.021% |
| 212 | 12.968 | 12.943 | 12.997 | VV | 7325   | 203323  | 2.70%  | 0.122% |
| 213 | 13.009 | 12.997 | 13.035 | VV | 6142   | 129810  | 1.72%  | 0.078% |
| 214 | 13.049 | 13.035 | 13.064 | VV | 5816   | 99163   | 1.32%  | 0.060% |
| 215 | 13.084 | 13.064 | 13.105 | VV | 8030   | 160951  | 2.14%  | 0.097% |
| 216 | 13.123 | 13.105 | 13.154 | VV | 6391   | 168417  | 2.24%  | 0.101% |
| 217 | 13.190 | 13.154 | 13.232 | VV | 20241  | 493753  | 6.56%  | 0.296% |
| 218 | 13.240 | 13.232 | 13.288 | VV | 9024   | 240871  | 3.20%  | 0.145% |
| 219 | 13.338 | 13.288 | 13.354 | VV | 8024   | 262105  | 3.48%  | 0.157% |
| 220 | 13.364 | 13.354 | 13.389 | VV | 7170   | 130392  | 1.73%  | 0.078% |
| 221 | 13.414 | 13.389 | 13.453 | VV | 12158  | 321971  | 4.28%  | 0.193% |
| 222 | 13.473 | 13.453 | 13.526 | VV | 16667  | 363168  | 4.82%  | 0.218% |
| 223 | 13.540 | 13.526 | 13.574 | VV | 5141   | 130531  | 1.73%  | 0.078% |
| 224 | 13.603 | 13.574 | 13.622 | VV | 5643   | 142705  | 1.89%  | 0.086% |
| 225 | 13.663 | 13.622 | 13.713 | VV | 6713   | 269851  | 3.58%  | 0.162% |
| 226 | 13.738 | 13.713 | 13.749 | VV | 4303   | 78208   | 1.04%  | 0.047% |
| 227 | 13.790 | 13.749 | 13.808 | VV | 480604 | 6478342 | 86.02% | 3.887% |
| 228 | 13.833 | 13.808 | 13.859 | VV | 557097 | 6591163 | 87.52% | 3.955% |
| 229 | 13.881 | 13.859 | 13.922 | VV | 41628  | 648852  | 8.62%  | 0.389% |
| 230 | 13.945 | 13.922 | 13.972 | VV | 8320   | 180650  | 2.40%  | 0.108% |
| 231 | 13.987 | 13.972 | 14.010 | VV | 6429   | 119275  | 1.58%  | 0.072% |
| 232 | 14.017 | 14.010 | 14.036 | VV | 3922   | 52829   | 0.70%  | 0.032% |
| 233 | 14.054 | 14.036 | 14.067 | VV | 3420   | 56698   | 0.75%  | 0.034% |
| 234 | 14.102 | 14.067 | 14.131 | VV | 5391   | 155892  | 2.07%  | 0.094% |
| 235 | 14.142 | 14.131 | 14.161 | VV | 4034   | 65008   | 0.86%  | 0.039% |
| 236 | 14.180 | 14.161 | 14.203 | VV | 4137   | 85570   | 1.14%  | 0.051% |
| 237 | 14.244 | 14.203 | 14.274 | VV | 4667   | 154127  | 2.05%  | 0.092% |
| 238 | 14.283 | 14.274 | 14.307 | VV | 2658   | 42429   | 0.56%  | 0.025% |
| 239 | 14.367 | 14.307 | 14.391 | VV | 3342   | 112712  | 1.50%  | 0.068% |
| 240 | 14.411 | 14.391 | 14.429 | VV | 5101   | 74188   | 0.99%  | 0.045% |
| 241 | 14.454 | 14.429 | 14.476 | VV | 15884  | 231512  | 3.07%  | 0.139% |
| 242 | 14.491 | 14.476 | 14.519 | VV | 7278   | 126734  | 1.68%  | 0.076% |
| 243 | 14.531 | 14.519 | 14.546 | VV | 3608   | 52432   | 0.70%  | 0.031% |
| 244 | 14.561 | 14.546 | 14.570 | VV | 3762   | 45985   | 0.61%  | 0.028% |
| 245 | 14.594 | 14.570 | 14.603 | VV | 7369   | 109940  | 1.46%  | 0.066% |
| 246 | 14.623 | 14.603 | 14.662 | VV | 8959   | 195744  | 2.60%  | 0.117% |

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|     |        |        |        |    | rters  |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 14.683 | 14.662 | 14.687 | VV | 2508   | 30835   | 0.41%  | 0.019% |
| 248 | 14.702 | 14.687 | 14.724 | VV | 2932   | 56860   |        |        |
| 249 | 14.737 | 14.724 | 14.763 | VV | 2274   | 45484   |        |        |
| 250 | 14.786 | 14.763 | 14.827 | VV | 3090   | 69855   |        |        |
| 251 | 14.833 | 14.827 | 14.837 | VV | 869    | 4990    |        |        |
| 252 | 14.898 | 14.837 | 14.934 | VV | 34800  | 514308  |        |        |
| 253 | 14.952 | 14.934 | 14.973 | VV | 1513   | 26278   | 0.35%  | 0.016% |
| 254 | 14.981 | 14.973 | 14.994 | VV | 1177   | 11278   | 0.15%  | 0.007% |
| 255 | 15.007 | 14.994 | 15.024 | VV | 766    | 10528   | 0.14%  | 0.006% |
| 256 | 15.053 | 15.024 | 15.072 | VV | 2661   | 50823   | 0.67%  | 0.030% |
| 257 | 15.082 | 15.072 | 15.112 | VV | 2268   | 39649   | 0.53%  | 0.024% |
| 258 | 15.154 | 15.112 | 15.182 | VV | 2690   | 71754   | 0.95%  | 0.043% |
| 259 | 15.204 | 15.182 | 15.232 | VV | 1969   | 48963   | 0.65%  | 0.029% |
| 260 | 15.255 | 15.232 | 15.290 | VV | 3581   | 65558   | 0.87%  | 0.039% |
| 261 | 15.336 | 15.290 | 15.350 | VV | 437192 | 6525394 | 86.64% | 3.916% |
| 262 | 15.370 | 15.350 | 15.431 | VV | 530969 | 6119138 | 81.25% | 3.672% |
| 263 | 15.460 | 15.431 | 15.494 | VV | 8211   | 152478  | 2.02%  | 0.091% |
| 264 | 15.508 | 15.494 | 15.551 | VV | 2100   | 46319   | 0.62%  | 0.028% |
| 265 | 15.581 | 15.551 | 15.604 | VV | 1937   | 35496   | 0.47%  | 0.021% |
| 266 | 15.642 | 15.604 | 15.670 | VV | 30219  | 431166  | 5.73%  | 0.259% |
| 267 | 15.711 | 15.670 | 15.766 | VV | 448649 | 6017570 | 79.90% | 3.611% |
| 268 | 15.770 | 15.766 | 15.782 | VV | 2343   | 21867   | 0.29%  | 0.013% |
| 269 | 15.805 | 15.782 | 15.819 | VV | 14789  | 196994  | 2.62%  | 0.118% |
| 270 | 15.840 | 15.819 | 15.898 | VV | 34421  | 557698  | 7.41%  | 0.335% |
| 271 | 15.951 | 15.898 | 15.996 | VV | 4643   | 166652  | 2.21%  | 0.100% |
| 272 | 16.013 | 15.996 | 16.031 | VV | 2385   | 38455   | 0.51%  | 0.023% |
| 273 | 16.077 | 16.031 | 16.149 | VV | 5752   | 212517  | 2.82%  | 0.128% |
| 274 | 16.168 | 16.149 | 16.184 | VV | 1418   | 24237   | 0.32%  | 0.015% |
| 275 | 16.203 | 16.184 | 16.217 | VV | 5158   | 70227   | 0.93%  | 0.042% |
| 276 | 16.228 | 16.217 | 16.265 | VV | 4003   | 60253   | 0.80%  | 0.036% |
| 277 | 16.291 | 16.265 | 16.311 | VV | 3901   | 60742   | 0.81%  | 0.036% |
| 278 | 16.316 | 16.311 | 16.335 | VV | 1597   | 20685   | 0.27%  | 0.012% |
| 279 | 16.356 | 16.335 | 16.387 | VV | 4453   | 84219   | 1.12%  | 0.051% |
| 280 | 16.403 | 16.387 | 16.447 | VV | 4205   | 72734   | 0.97%  | 0.044% |
| 281 | 16.471 | 16.447 | 16.504 | VV | 1688   | 34042   | 0.45%  | 0.020% |
| 282 | 16.529 | 16.504 | 16.536 | VV | 1062   | 14087   | 0.19%  | 0.008% |
| 283 | 16.547 | 16.536 | 16.566 | VV | 1376   | 18641   | 0.25%  | 0.011% |
| 284 | 16.583 | 16.566 | 16.602 | VV | 928    | 12638   | 0.17%  | 0.008% |
| 285 | 16.617 | 16.602 | 16.627 | VV | 936    | 9388    | 0.12%  | 0.006% |
| 286 | 16.660 | 16.627 | 16.681 | VV | 2126   | 46110   | 0.61%  | 0.028% |
| 287 | 16.723 | 16.681 | 16.761 | VV | 32895  | 494030  | 6.56%  | 0.296% |
| 288 | 16.793 | 16.761 | 16.817 | VV | 2635   | 52905   | 0.70%  | 0.032% |
| 289 | 16.830 | 16.817 | 16.841 | VV | 1397   | 17750   | 0.24%  | 0.011% |
| 290 | 16.863 | 16.841 | 16.891 | VV | 2401   | 52211   | 0.69%  | 0.031% |
| 291 | 16.903 | 16.891 | 16.912 | VV | 762    | 8731    | 0.12%  | 0.005% |
| 292 | 16.919 | 16.912 | 16.950 | VV | 661    | 10437   | 0.14%  | 0.006% |
| 293 | 16.974 | 16.950 | 17.027 | VV | 5917   | 102235  | 1.36%  | 0.061% |
| 294 | 17.073 | 17.027 | 17.088 | PV | 381801 | 5438832 | 72.22% | 3.264% |
| 295 | 17.115 | 17.088 | 17.178 | VV | 421370 | 5673336 | 75.33% | 3.404% |
| 296 | 17.204 | 17.178 | 17.219 | VV | 5714   | 86631   | 1.15%  | 0.052% |
| 297 | 17.234 | 17.219 | 17.281 | VV | 4685   | 80469   | 1.07%  | 0.048% |
| 298 | 17.327 | 17.281 | 17.382 | VV | 406242 | 5739534 | 76.21% | 3.444% |

Sum of corrected areas: 166651637

Instrument :  
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ASTORIA-YARD-PIT-11-STOCKPILEMSD

Manual IntegrationsAPPROVED

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Aromatic EPH 020322.M Fri Feb 04 15:10:29 2022

Instrument :  
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