

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\  
 Data File : BF120274.D  
 Acq On : 1 May 2020 22:36  
 Operator : MA/SJ  
 Sample : L2441-01DL 10X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RECOVERED-CRUSH-AGGREGAT

Manual Integrations  
 APPROVED

mohammad  
 5/4/2020 3:45:43 PM

Quant Time: May 02 03:18:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 01 15:26:36 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.65  | 152  | 71282    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8             | 7.93  | 136  | 260884   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10           | 9.69  | 164  | 122356   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10           | 11.17 | 188  | 208858   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12               | 13.82 | 240  | 179205   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12               | 15.22 | 264  | 181613   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds    |       |      |          |        |       |           |
| 5) 2-Fluorophenol              | 5.27  | 112  | 32012    | 7.76   | ng    | 0.00      |
| 7) Phenol-d6                   | 6.31  | 99   | 44411    | 8.36   | ng    | 0.00      |
| 23) Nitrobenzene-d5            | 7.21  | 82   | 22927    | 4.55   | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol       | 10.48 | 330  | 6939     | 4.63   | ng    | -0.01     |
| 45) 2-Fluorobiphenyl           | 9.01  | 172  | 59935    | 6.95   | ng    | -0.01     |
| 79) Terphenyl-d14              | 12.76 | 244  | 58661    | 5.51   | ng    | -0.01     |
| Target Compounds               |       |      |          |        |       |           |
| 58) Fluorene                   | 10.24 | 166  | 33610    | 3.795  | ng    | Qvalue 97 |
| 71) Phenanthrene               | 11.20 | 178  | 705153   | 63.438 | ng    | 97        |
| 72) Anthracene                 | 11.25 | 178  | 205446   | 18.093 | ng    | 96        |
| 75) Fluoranthene               | 12.39 | 202  | 771188   | 64.300 | ng    | 98        |
| 78) Pyrene                     | 12.62 | 202  | 925709   | 61.276 | ng    | 98        |
| 81) Benzo(a)anthracene         | 13.81 | 228  | 405443   | 34.391 | ng    | 100       |
| 83) Chrysene                   | 13.84 | 228  | 356035m  | 29.722 | ng    |           |
| 84) Bis(2-ethylhexyl)phthalate | 13.80 | 149  | 111681   | 11.250 | ng    | # 98      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.57 | 276  | 144244   | 13.660 | ng    | 95        |
| 88) Benzo(b)fluoranthene       | 14.83 | 252  | 357811m  | 27.387 | ng    |           |
| 89) Benzo(k)fluoranthene       | 14.85 | 252  | 89552m   | 7.944  | ng    |           |
| 90) Benzo(a)pyrene             | 15.17 | 252  | 319269   | 29.064 | ng    | 98        |
| 91) Dibenzo(a,h)anthracene     | 16.57 | 278  | 37498m   | 3.854  | ng    |           |
| 92) Benzo(a,h,i)perylene       | 16.97 | 276  | 145964   | 15.197 | ng    | 97        |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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