

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\  
 Data File : BF105026.D  
 Acq On : 2 May 2018 13:10  
 Operator : JU/SJ  
 Sample : J2652-09  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPOSITE-P4-WC

Manual Integrations  
 APPROVED

Sohil  
 5/3/2018 5:00:47 PM

Quant Time: May 03 10:20:45 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 02 17:25:18 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 83450    | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.08  | 136  | 314789   | 20.00   | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.83  | 164  | 159539   | 20.00   | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.33 | 188  | 251407   | 20.00   | ng    | 0.00     |
| 75) Chrysene-d12            | 14.03 | 240  | 175481   | 20.00   | ng    | 0.00     |
| 86) Perylene-d12            | 15.60 | 264  | 188910   | 20.00   | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.40  | 112  | 478173   | 87.62   | ng    | 0.00     |
| 7) Phenol-d6                | 6.43  | 99   | 570493   | 85.08   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 315571   | 65.46   | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330  | 129465   | 78.23   | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.15  | 172  | 517448   | 51.24   | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.92 | 244  | 425559   | 55.29   | ng    | 0.00     |
| Target Compounds            |       |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 8.12  | 128  | 4917686  | 313.732 | ng    | 98       |
| 37) 2-Methylnaphthalene     | 8.81  | 142  | 2354587  | 232.226 | ng    | # 95     |
| 45) 1,1'-Biphenyl           | 9.26  | 154  | 562942   | 42.003  | ng    | 98       |
| 48) Acenaphthylene          | 9.70  | 152  | 426548   | 25.681  | ng    | # 81     |
| 49) Dimethylphthalate       | 9.55  | 163  | 58638    | 4.661   | ng    | # 99     |
| 51) Acenaphthene            | 9.88  | 154  | 1375675  | 135.749 | ng    | 99       |
| 54) Dibenzofuran            | 10.04 | 168  | 163447   | 11.573  | ng    | # 67     |
| 57) Fluorene                | 10.39 | 166  | 1134187  | 110.334 | ng    | 98       |
| 70) Phenanthrene            | 11.37 | 178  | 3062441  | 218.735 | ng    | 99       |
| 71) Anthracene              | 11.42 | 178  | 1282407  | 90.108  | ng    | 99       |
| 74) Fluoranthene            | 12.56 | 202  | 1110894  | 75.943  | ng    | 97       |
| 77) Pyrene                  | 12.79 | 202  | 1563977  | 120.239 | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.02 | 228  | 696292m  | 66.418  | ng    |          |
| 82) Chrysene                | 14.06 | 228  | 597334   | 55.473  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.08 | 276  | 128772   | 14.078  | ng    | # 93     |
| 87) Benzo(b)fluoranthene    | 15.16 | 252  | 414743m  | 34.761  | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.19 | 252  | 120400m  | 10.689  | ng    |          |
| 89) Benzo(a)pyrene          | 15.53 | 252  | 458331m  | 42.933  | ng    |          |
| 90) Dibenzo(a,h)anthracene  | 17.08 | 278  | 47988    | 5.473   | ng    | # 91     |
| 91) Benzo(a,h,i)perylene    | 17.53 | 276  | 128435   | 15.120  | ng    | 95       |

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

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