

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\  
 Data File : BF102470.D  
 Acq On : 26 Jan 2018 16:00  
 Operator : SJ/JU  
 Sample : J1020-07 2X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PL-01-012418-D

Manual Integrations  
 APPROVED

Sohil  
 1/27/2018 1:46:50 PM

Quant Time: Jan 26 17:14:31 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 26 16:18:07 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 164464   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.00  | 136  | 678469   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.76  | 164  | 279464   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.24 | 188  | 408596   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.89 | 240  | 294666   | 20.00  | ng    | 0.01     |
| 86) Perylene-d12            | 15.33 | 264  | 225598   | 20.00  | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 592606   | 54.63  | ng    | 0.01     |
| 7) Phenol-d6                | 6.37  | 99   | 709006   | 54.22  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 318454   | 26.97  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 88135    | 31.83  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.08  | 172  | 685356   | 36.06  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.83 | 244  | 454359   | 34.76  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 49) Dimethylphthalate       | 9.47  | 163  | 92012    | 3.983  | ng    | 99       |
| 57) Fluorene                | 10.30 | 166  | 46814    | 2.470  | ng    | # 98     |
| 70) Phenanthrene            | 11.27 | 178  | 391291   | 16.434 | ng    | 99       |
| 71) Anthracene              | 11.32 | 178  | 133654   | 5.500  | ng    | 98       |
| 74) Fluoranthene            | 12.46 | 202  | 600084   | 24.715 | ng    | 98       |
| 77) Pyrene                  | 12.69 | 202  | 566893   | 24.883 | ng    | 100      |
| 80) Benzo(a)anthracene      | 13.88 | 228  | 272568   | 15.024 | ng    | 96       |
| 82) Chrysene                | 13.92 | 228  | 222682   | 12.087 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.73 | 276  | 69700    | 4.581  | ng    | 99       |
| 87) Benzo(b)fluoranthene    | 14.92 | 252  | 230556m  | 15.768 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.94 | 252  | 60284m   | 4.364  | ng    |          |
| 89) Benzo(a)pyrene          | 15.27 | 252  | 144891   | 10.987 | ng    | # 87     |
| 91) Benzo(a,h,i)perylene    | 17.16 | 276  | 64446    | 6.110  | ng    | # 86     |

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

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