

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\  
 Data File : BF102270.D  
 Acq On : 20 Jan 2018 17:14  
 Operator : SJ/JU  
 Sample : J1210-04  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RT-4248

Manual Integrations  
 APPROVED

Sohil  
 1/22/2018 5:25:50 PM

Quant Time: Jan 22 03:08:52 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 19 13:31:35 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 148807   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.00  | 136  | 614913   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.76  | 164  | 264458   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.25 | 188  | 353262   | 20.00  | ng    | 0.01     |
| 75) Chrysene-d12            | 13.90 | 240  | 228191   | 20.00  | ng    | 0.02     |
| 86) Perylene-d12            | 15.32 | 264  | 232780   | 20.00  | ng    | 0.03     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 843318   | 80.03  | ng    | 0.00     |
| 7) Phenol-d6                | 6.36  | 99   | 1013454  | 80.61  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 610382   | 58.33  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 168056   | 72.82  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.08  | 172  | 1047352  | 61.87  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.83 | 244  | 686376   | 62.45  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.37  | 94   | 56676    | 3.99   | ng    | 94       |
| 31) Naphthalene             | 8.03  | 128  | 1666066  | 54.22  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.73  | 142  | 2058894  | 101.78 | ng    | 97       |
| 45) 1,1'-Biphenyl           | 9.18  | 154  | 546231   | 23.37  | ng    | 99       |
| 48) Acenaphthylene          | 9.62  | 152  | 880515   | 30.61  | ng    | # 93     |
| 49) Dimethylphthalate       | 9.48  | 163  | 138668   | 6.54   | ng    | 99       |
| 51) Acenaphthene            | 9.80  | 154  | 1028507  | 58.91  | ng    | 97       |
| 54) Dibenzofuran            | 9.97  | 168  | 1349071  | 56.30  | ng    | 94       |
| 57) Fluorene                | 10.32 | 166  | 1931921  | 116.62 | ng    | # 97     |
| 70) Phenanthrene            | 11.30 | 178  | 5764823  | 279.37 | ng    | 99       |
| 71) Anthracene              | 11.33 | 178  | 1288293  | 61.56  | ng    | 99       |
| 72) Carbazole               | 11.48 | 167  | 338112   | 16.44  | ng    | 98       |
| 74) Fluoranthene            | 12.49 | 202  | 3189550  | 157.10 | ng    | 97       |
| 77) Pyrene                  | 12.72 | 202  | 3520593  | 174.54 | ng    | 97       |
| 80) Benzo(a)anthracene      | 13.89 | 228  | 1483761m | 101.91 | ng    |          |
| 82) Chrysene                | 13.93 | 228  | 1597303m | 105.22 | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.71 | 276  | 292059   | 26.43  | ng    | 98       |
| 87) Benzo(b)fluoranthene    | 14.92 | 252  | 974141m  | 64.18  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.94 | 252  | 223197m  | 15.24  | ng    |          |
| 89) Benzo(a)pyrene          | 15.26 | 252  | 742492   | 54.36  | ng    | 95       |
| 90) Dibenzo(a,h)anthracene  | 16.71 | 278  | 100100   | 9.18   | ng    | # 83     |
| 91) Benzo(g,h,i)perylene    | 17.13 | 276  | 329602   | 30.02  | ng    | 97       |

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

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