

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\  
 Data File : BF107621.D  
 Acq On : 24 Jul 2018 16:17  
 Operator : JU/SJ  
 Sample : J4096-06 2X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DW-8

Manual Integrations  
 APPROVED

Sohil  
 7/25/2018 12:58:17 PM

Quant Time: Jul 25 03:15:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 20 16:29:27 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 6.97  | 152  | 248000   | 20.00  | ng    | -0.01       |
| 21) Naphthalene-d8             | 8.25  | 136  | 987525   | 20.00  | ng    | -0.01       |
| 38) Acenaphthene-d10           | 10.01 | 164  | 399137   | 20.00  | ng    | -0.01       |
| 63) Phenanthrene-d10           | 11.51 | 188  | 682737   | 20.00  | ng    | 0.00        |
| 75) Chrysene-d12               | 14.16 | 240  | 452782   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12               | 15.71 | 264  | 424018   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds    |       |      |          |        |       |             |
| 5) 2-Fluorophenol              | 5.60  | 112  | 605930   | 39.28  | ng    | -0.01       |
| 7) Phenol-d6                   | 6.60  | 99   | 770642   | 41.61  | ng    | -0.01       |
| 23) Nitrobenzene-d5            | 7.53  | 82   | 453439   | 30.99  | ng    | -0.02       |
| 41) 2,4,6-Tribromophenol       | 10.80 | 330  | 169192   | 37.28  | ng    | -0.02       |
| 44) 2-Fluorobiphenyl           | 9.32  | 172  | 830260   | 28.09  | ng    | -0.02       |
| 78) Terphenyl-d14              | 13.09 | 244  | 590890   | 33.41  | ng    | -0.01       |
| Target Compounds               |       |      |          |        |       |             |
| 49) Dimethylphthalate          | 9.71  | 163  | 68925    | 2.291  | ng    | Qvalue # 95 |
| 70) Phenanthrene               | 11.53 | 178  | 905680   | 27.222 | ng    | 99          |
| 71) Anthracene                 | 11.58 | 178  | 89267m   | 2.665  | ng    |             |
| 72) Carbazole                  | 11.74 | 167  | 91286    | 2.621  | ng    | # 93        |
| 74) Fluoranthene               | 12.73 | 202  | 1974881  | 55.317 | ng    | 96          |
| 77) Pyrene                     | 12.96 | 202  | 1497078  | 48.338 | ng    | 98          |
| 80) Benzo(a)anthracene         | 14.15 | 228  | 525494   | 19.805 | ng    | 97          |
| 82) Chrysene                   | 14.19 | 228  | 859937   | 33.738 | ng    | 97          |
| 83) Bis(2-ethylhexyl)phthalate | 14.11 | 149  | 720217   | 38.323 | ng    | 100         |
| 85) Indeno(1,2,3-cd)pyrene     | 17.29 | 276  | 376214   | 17.416 | ng    | # 87        |
| 87) Benzo(b)fluoranthene       | 15.25 | 252  | 996833m  | 42.956 | ng    |             |
| 88) Benzo(k)fluoranthene       | 15.27 | 252  | 327249m  | 14.394 | ng    |             |
| 89) Benzo(a)pyrene             | 15.64 | 252  | 485016   | 22.849 | ng    | # 89        |
| 90) Dibenzo(a,h)anthracene     | 17.30 | 278  | 77388    | 4.217  | ng    | # 69        |
| 91) Benzo(a,h,i)perylene       | 17.77 | 276  | 369955   | 20.440 | ng    | 96          |

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

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