

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\  
 Data File : BF120041.D  
 Acq On : 16 Apr 2020 17:31  
 Operator : MA/SJ  
 Sample : L2245-26 5X  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-21B

Manual Integrations  
 APPROVED

mohammad  
 4/17/2020 1:48:42 PM

Quant Time: Apr 17 04:02:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 16 10:48:04 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 136301   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.01  | 136  | 468087   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.76  | 164  | 230103   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.25 | 188  | 345026   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.89 | 240  | 270518   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.32 | 264  | 227698   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.32  | 112  | 304565   | 38.62  | ng    | 0.00     |
| 7) Phenol-d6                | 6.36  | 99   | 388227   | 38.20  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 228326   | 25.23  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330  | 62166    | 22.07  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.09  | 172  | 464836   | 28.68  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.84 | 244  | 355393   | 22.11  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 71) Phenanthrene            | 11.27 | 178  | 320219   | 17.439 | ng    | 100      |
| 72) Anthracene              | 11.33 | 178  | 78400    | 4.179  | ng    | 97       |
| 75) Fluoranthene            | 12.46 | 202  | 450947   | 22.760 | ng    | 99       |
| 78) Pyrene                  | 12.69 | 202  | 452675   | 19.850 | ng    | 100      |
| 81) Benzo(a)anthracene      | 13.88 | 228  | 245681   | 13.805 | ng    | 99       |
| 83) Chrysene                | 13.92 | 228  | 219984   | 12.165 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.70 | 276  | 79288    | 4.974  | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 14.91 | 252  | 223441m  | 13.641 | ng    |          |
| 89) Benzo(k)fluoranthene    | 14.93 | 252  | 69649m   | 4.928  | ng    |          |
| 90) Benzo(a)pyrene          | 15.26 | 252  | 162564   | 11.804 | ng    | 99       |
| 92) Benzo(g,h,i)perylene    | 17.12 | 276  | 74481    | 6.185  | ng    | # 95     |

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

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