

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\  
 Data File : BF113082.D  
 Acq On : 15 Mar 2019 22:59  
 Operator : JU/SJ  
 Sample : K1901-10 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-16(7-8)

Manual Integrations  
 APPROVED

Sohil  
 3/18/2019 2:59:34 PM

Quant Time: Mar 16 00:33:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 13 03:42:55 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.73  | 152  | 122178   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.01  | 136  | 517982   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.76  | 164  | 263214   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.23 | 188  | 524203   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.86 | 240  | 421071   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.27 | 264  | 456529   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 136943   | 17.44  | ng    | -0.01    |
| 7) Phenol-d6                | 6.36  | 99   | 187840   | 19.04  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.28  | 82   | 99614    | 11.51  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330  | 60914    | 21.80  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.08  | 172  | 220311   | 10.06  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.81 | 244  | 244911   | 11.28  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 71) Phenanthrene            | 11.26 | 178  | 206246   | 7.908  | ng    | 97       |
| 75) Fluoranthene            | 12.44 | 202  | 417587   | 14.944 | ng    | 95       |
| 78) Pyrene                  | 12.67 | 202  | 366976   | 10.338 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.85 | 228  | 187163   | 6.413  | ng    | 99       |
| 83) Chrysene                | 13.89 | 228  | 172893   | 6.048  | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.62 | 276  | 91206    | 3.743  | ng    | # 92     |
| 88) Benzo(b)fluoranthene    | 14.87 | 252  | 236175m  | 7.998  | ng    |          |
| 89) Benzo(k)fluoranthene    | 14.89 | 252  | 80429m   | 3.007  | ng    |          |
| 90) Benzo(a)pyrene          | 15.21 | 252  | 172834   | 6.617  | ng    | 97       |
| 92) Benzo(g,h,i)perylene    | 17.03 | 276  | 81364    | 3.636  | ng    | 93       |

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

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