

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\  
 Data File : BF095780.D  
 Acq On : 8 Jun 2017 13:24  
 Operator : SJ/MA  
 Sample : I3469-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1(0-2)20170603

Manual Integrations  
 APPROVED

mohammad  
 6/9/2017 12:08:33 PM

Quant Time: Jun 08 16:57:10 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 08 11:19:45 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.37  | 152  | 74906    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 9.40  | 136  | 309735   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 12.22 | 164  | 139126   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 14.62 | 188  | 237950   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 18.33 | 240  | 158895   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 20.00 | 264  | 145069   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.26  | 112  | 490011   | 104.24 | ng    | 0.00     |
| 7) Phenol-d6                | 6.93  | 99   | 627461   | 111.49 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.29  | 82   | 364598   | 73.11  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 13.52 | 330  | 126023   | 102.38 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 11.18 | 172  | 657410   | 65.76  | ng    | 0.00     |
| 78) Terphenyl-d14           | 16.99 | 244  | 444449   | 69.42  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 11.87 | 163  | 116833   | 11.06  | ng    | 99       |
| 51) Acenaphthene            | 12.27 | 154  | 33618    | 3.80   | ng    | 95       |
| 54) Dibenzofuran            | 12.57 | 168  | 25870    | 2.08   | ng    | # 90     |
| 57) Fluorene                | 13.12 | 166  | 35359    | 3.26   | ng    | 98       |
| 70) Phenanthrene            | 14.65 | 178  | 390015   | 28.41  | ng    | 98       |
| 71) Anthracene              | 14.74 | 178  | 108478   | 7.57   | ng    | 96       |
| 72) Carbazole               | 15.04 | 167  | 33211    | 2.38   | ng    | 97       |
| 74) Fluoranthene            | 16.43 | 202  | 396086   | 29.15  | ng    | 99       |
| 77) Pyrene                  | 16.73 | 202  | 333645   | 28.14  | ng    | # 95     |
| 80) Benzo(a)anthracene      | 18.32 | 228  | 137280   | 14.86  | ng    | 98       |
| 82) Chrysene                | 18.36 | 228  | 119443   | 12.94  | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 21.17 | 276  | 59663    | 7.55   | ng    | 94       |
| 87) Benzo(b)fluoranthene    | 19.60 | 252  | 136390m  | 15.01  | ng    |          |
| 88) Benzo(k)fluoranthene    | 19.62 | 252  | 56184m   | 6.47   | ng    |          |
| 89) Benzo(a)pyrene          | 19.94 | 252  | 111262   | 13.33  | ng    | 100      |
| 90) Dibenzo(a,h)anthracene  | 21.17 | 278  | 16059m   | 2.27   | ng    |          |
| 91) Benzo(g,h,i)perylene    | 21.50 | 276  | 57827    | 8.01   | ng    | 98       |

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

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