

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\  
 Data File : BF109039.D  
 Acq On : 17 Sep 2018 11:09  
 Operator : JU/SJ  
 Sample : J4773-03  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-091418-B

Manual Integrations  
 APPROVED

Sohil  
 9/18/2018 5:59:51 PM

Quant Time: Sep 17 11:51:56 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 14 13:26:52 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.72  | 152  | 136332   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.00  | 136  | 485503   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.75  | 164  | 209969   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.22 | 188  | 370346   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 13.85 | 240  | 317730   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 15.26 | 264  | 369959   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.32  | 112  | 820126   | 99.91  | ng    | 0.00     |
| 7) Phenol-d6                   | 6.35  | 99   | 1040382  | 98.29  | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.28  | 82   | 665449   | 76.88  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.53 | 330  | 222724   | 97.74  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl           | 9.08  | 172  | 1018798  | 76.02  | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.81 | 244  | 867293   | 64.70  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 10) Phenol                     | 6.37  | 94   | 34068    | 2.861  | ng    | 96       |
| 31) Naphthalene                | 8.02  | 128  | 86355    | 3.832  | ng    | 98       |
| 48) Acenaphthylene             | 9.61  | 152  | 52138    | 2.570  | ng    | 99       |
| 49) Dimethylphthalate          | 9.47  | 163  | 126128   | 8.404  | ng    | # 99     |
| 51) Acenaphthene               | 9.78  | 154  | 81688    | 6.468  | ng    | 98       |
| 54) Dibenzofuran               | 9.95  | 168  | 77961    | 4.271  | ng    | 96       |
| 57) Fluorene                   | 10.29 | 166  | 144362   | 11.869 | ng    | 96       |
| 70) Phenanthrene               | 11.25 | 178  | 1165514  | 64.200 | ng    | 98       |
| 71) Anthracene                 | 11.30 | 178  | 396200   | 21.529 | ng    | 98       |
| 72) Carbazole                  | 11.45 | 167  | 72725    | 3.992  | ng    | 100      |
| 74) Fluoranthene               | 12.44 | 202  | 1846176  | 96.327 | ng    | 97       |
| 77) Pylene                     | 12.67 | 202  | 1663569  | 70.489 | ng    | 98       |
| 80) Benzo(a)anthracene         | 13.85 | 228  | 970848   | 50.469 | ng    | 97       |
| 82) Chrysene                   | 13.88 | 228  | 830668   | 43.160 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 13.85 | 149  | 30336    | 2.377  | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.61 | 276  | 440949m  | 28.657 | ng    |          |
| 87) Benzo(b)fluoranthene       | 14.87 | 252  | 1167396m | 57.038 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.89 | 252  | 352029m  | 18.415 | ng    |          |
| 89) Benzo(a)pyrene             | 15.21 | 252  | 827450   | 45.524 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.62 | 278  | 113395m  | 7.426  | ng    |          |
| 91) Benzo(g,h,i)perylene       | 17.02 | 276  | 385773   | 25.268 | ng    | 94       |

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

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