

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\  
 Data File : BF098672.D  
 Acq On : 20 Sep 2017 20:52  
 Operator : SJ/JU  
 Sample : I5280-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BIOCELL-1

Manual Integrations  
 APPROVED

Sohil  
 9/22/2017 3:31:45 PM

Quant Time: Sep 21 08:57:05 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 18 13:37:24 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.62  | 152  | 76440    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 7.90  | 136  | 307521   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.65  | 164  | 129375   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.14 | 188  | 196495   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 13.78 | 240  | 158019   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.19 | 264  | 128785   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.23  | 112  | 719579   | 139.18 | ng    | -0.01    |
| 7) Phenol-d6                | 6.28  | 99   | 870799   | 132.66 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.19  | 82   | 541067   | 98.09  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.45 | 330  | 135374   | 156.78 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 8.98  | 172  | 891734   | 116.82 | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.73 | 244  | 583978   | 79.77  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.29  | 94   | 31519    | 4.134  | ng    | 85       |
| 31) Naphthalene             | 7.92  | 128  | 206295   | 13.570 | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.62  | 142  | 476531   | 51.748 | ng    | 98       |
| 45) 1,1'-Biphenyl           | 9.08  | 154  | 39794    | 3.436  | ng    | 97       |
| 48) Acenaphthylene          | 9.52  | 152  | 52170    | 4.243  | ng    | # 93     |
| 49) Dimethylphthalate       | 9.38  | 163  | 285451   | 28.503 | ng    | 98       |
| 51) Acenaphthene            | 9.69  | 154  | 17623    | 2.255  | ng    | 85       |
| 54) Dibenzofuran            | 9.86  | 168  | 62240    | 6.044  | ng    | # 76     |
| 57) Fluorene                | 10.20 | 166  | 40517    | 4.754  | ng    | # 91     |
| 70) Phenanthrene            | 11.16 | 178  | 363732   | 34.918 | ng    | 99       |
| 71) Anthracene              | 11.22 | 178  | 139196   | 13.015 | ng    | 97       |
| 72) Carbazole               | 11.38 | 167  | 23742    | 2.382  | ng    | # 86     |
| 74) Fluoranthene            | 12.35 | 202  | 338377   | 32.449 | ng    | 98       |
| 77) Pyrene                  | 12.58 | 202  | 268062   | 21.504 | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.77 | 228  | 135508   | 14.627 | ng    | 96       |
| 82) Chrysene                | 13.80 | 228  | 123034   | 13.138 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.53 | 276  | 48443    | 7.373  | ng    | # 92     |
| 87) Benzo(b)fluoranthene    | 14.80 | 252  | 159216m  | 19.662 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.82 | 252  | 50818m   | 6.722  | ng    |          |
| 89) Benzo(a)pyrene          | 15.13 | 252  | 79152    | 10.972 | ng    | # 91     |
| 90) Dibenzo(a,h)anthracene  | 16.53 | 278  | 14335    | 2.732  | ng    | # 73     |
| 91) Benzo(g,h,i)perylene    | 16.93 | 276  | 44132    | 8.361  | ng    | 95       |

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

