

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\  
 Data File : BF102014.D  
 Acq On : 11 Jan 2018 12:44  
 Operator : SJ/JU  
 Sample : J1076-13DL 100X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-50-01DL

Manual Integrations  
 APPROVED

Sohil  
 1/12/2018 10:37:05 AM

Quant Time: Jan 11 13:50:21 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 09 15:20:36 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 238550   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.01  | 136  | 994806   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.76  | 164  | 432033   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.25 | 188  | 723884   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.87 | 240  | 408058   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.29 | 264  | 375188   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.32  | 112  | 3823     | 0.23   | ng    | 0.00     |
| 7) Phenol-d6                | 6.34  | 99   | 4201     | 0.21   | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.28  | 82   | 2534     | 0.15   | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.54 | 330  | 693      | 0.18   | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.08  | 172  | 4901     | 0.18   | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.82 | 244  | 4915     | 0.25   | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.36  | 94   | 88678    | 3.893  | ng    | 98       |
| 20) 3+4-Methylphenols       | 7.13  | 107  | 66832    | 3.642  | ng    | 87       |
| 31) Naphthalene             | 8.03  | 128  | 3004662  | 60.445 | ng    | 98       |
| 37) 2-Methylnaphthalene     | 8.72  | 142  | 564555   | 17.252 | ng    | 99       |
| 45) 1,1'-Biphenyl           | 9.18  | 154  | 154191   | 4.038  | ng    | 99       |
| 48) Acenaphthylene          | 9.62  | 152  | 598601   | 12.738 | ng    | 99       |
| 51) Acenaphthene            | 9.79  | 154  | 112684   | 3.951  | ng    | 99       |
| 54) Dibenzofuran            | 9.96  | 168  | 492395   | 12.578 | ng    | 98       |
| 57) Fluorene                | 10.30 | 166  | 611462   | 22.595 | ng    | 100      |
| 70) Phenanthrene            | 11.27 | 178  | 1952089  | 46.166 | ng    | 99       |
| 71) Anthracene              | 11.32 | 178  | 705104   | 16.442 | ng    | 99       |
| 72) Carbazole               | 11.47 | 167  | 228634   | 5.424  | ng    | 98       |
| 74) Fluoranthene            | 12.46 | 202  | 1298398  | 31.210 | ng    | 99       |
| 77) Pyrene                  | 12.68 | 202  | 1069744  | 29.658 | ng    | 100      |
| 80) Benzo(a)anthracene      | 13.86 | 228  | 416285m  | 15.989 | ng    |          |
| 82) Chrysene                | 13.90 | 228  | 331264   | 12.202 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.66 | 276  | 151020   | 7.643  | ng    | 98       |
| 87) Benzo(b)fluoranthene    | 14.89 | 252  | 327804m  | 13.400 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.91 | 252  | 110605m  | 4.687  | ng    |          |
| 89) Benzo(a)pyrene          | 15.23 | 252  | 263596   | 11.974 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene  | 16.67 | 278  | 42020m   | 2.392  | ng    |          |
| 91) Benzo(g,h,i)perylene    | 17.07 | 276  | 139896   | 7.905  | ng    | 94       |

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

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