

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051916\  
 Data File : BF087202.D  
 Acq On : 19 May 2016 22:33  
 Operator : UM/SJ  
 Sample : H3132-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB-BWR-BB-R10-C51(0-15FT)

Manual Integrations  
 APPROVED

umangi  
 5/20/2016 7:13:21 PM

Quant Time: May 20 03:47:51 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF051716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 20 03:23:56 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.57  | 152  | 148670   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.85  | 136  | 605274   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.60  | 164  | 268601   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.07 | 188  | 412063   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 13.70 | 240  | 307622   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.06 | 264  | 293617   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.15  | 112  | 1092505  | 123.52 | ng    | 0.01     |
| 7) Phenol-d6                | 6.24  | 99   | 1422854  | 119.94 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.14  | 82   | 912706   | 75.15  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.39 | 330  | 295105   | 99.42  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 8.94  | 172  | 1422641  | 87.72  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.66 | 244  | 922183   | 67.81  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.34  | 163  | 272207   | 13.28  | ng    | 99       |
| 70) Phenanthrene            | 11.10 | 178  | 139829   | 6.26   | ng    | 98       |
| 71) Anthracene              | 11.15 | 178  | 58504    | 2.59   | ng    | 97       |
| 74) Fluoranthene            | 12.28 | 202  | 307485   | 13.73  | ng    | 92       |
| 77) Pyrene                  | 12.50 | 202  | 294389   | 13.25  | ng    | 97       |
| 80) Benzo(a)anthracene      | 13.69 | 228  | 191206   | 10.75  | ng    | 98       |
| 82) Chrysene                | 13.73 | 228  | 132329m  | 7.69   | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.29 | 276  | 84149    | 5.57   | ng    | # 92     |
| 87) Benzo(b)fluoranthene    | 14.70 | 252  | 215930m  | 11.09  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.71 | 252  | 84312m   | 5.81   | ng    |          |
| 89) Benzo(a)pyrene          | 15.01 | 252  | 156439   | 9.61   | ng    | 97       |
| 91) Benzo(g,h,i)perylene    | 16.65 | 276  | 80357    | 5.80   | ng    | 95       |

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

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