

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\  
 Data File : BF091355.D  
 Acq On : 30 Nov 2016 15:37  
 Operator : UM/SJ  
 Sample : H5749-01  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GRID-MM4-1

Manual Integrations  
 APPROVED

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 12/1/2016 3:27:48 PM

Quant Time: Dec 01 00:30:16 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 29 13:33:46 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 210143   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.15  | 136  | 905601   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.90  | 164  | 500195   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.38 | 188  | 882625   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 14.01 | 240  | 602265   | 20.00  | ng    | -0.03    |
| 86) Perylene-d12            | 15.44 | 264  | 480891   | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.48  | 112  | 1636285  | 127.20 | ng    | 0.00     |
| 7) Phenol-d6                | 6.49  | 99   | 2345924  | 148.15 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 1558995  | 96.47  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.69 | 330  | 607993   | 128.39 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 9.22  | 172  | 2329855  | 84.34  | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.97 | 244  | 2132660  | 76.96  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       |          |
| 49) Dimethylphthalate       | 9.61  | 163  | 193630   | 6.39   | ng    | 97       |
| 70) Phenanthrene            | 11.41 | 178  | 146909   | 3.20   | ng    | 98       |
| 74) Fluoranthene            | 12.58 | 202  | 312075   | 7.18   | ng    | 97       |
| 77) Pyrene                  | 12.81 | 202  | 342812   | 7.50   | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.00 | 228  | 145645m  | 4.14   | ng    |          |
| 82) Chrysene                | 14.04 | 228  | 181341   | 5.20   | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.84 | 276  | 100766   | 3.16   | ng    | 94       |
| 87) Benzo(b)fluoranthene    | 15.03 | 252  | 223238m  | 7.47   | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.04 | 252  | 85148m   | 3.39   | ng    |          |
| 89) Benzo(a)pyrene          | 15.39 | 252  | 127826m  | 4.76   | ng    |          |
| 91) Benzo(g,h,i)perylene    | 17.25 | 276  | 104788   | 4.09   | ng    | 99       |

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

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