

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\  
 Data File : BF091356.D  
 Acq On : 30 Nov 2016 16:05  
 Operator : UM/SJ  
 Sample : H5749-07  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GRID-MM4-4

Manual Integrations  
 APPROVED

sohil  
 12/1/2016 3:27:45 PM

Quant Time: Dec 01 00:34:10 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  | 232559   | 20.00  | ng    | -0.02       |
| 21) Naphthalene-d8          | 8.15  | 136  | 961832   | 20.00  | ng    | -0.02       |
| 38) Acenaphthene-d10        | 9.90  | 164  | 461621   | 20.00  | ng    | -0.02       |
| 63) Phenanthrene-d10        | 11.38 | 188  | 690876   | 20.00  | ng    | -0.02       |
| 75) Chrysene-d12            | 14.01 | 240  | 518411   | 20.00  | ng    | -0.03       |
| 86) Perylene-d12            | 15.45 | 264  | 451880   | 20.00  | ng    | -0.02       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.48  | 112  | 1758317  | 123.51 | ng    | 0.00        |
| 7) Phenol-d6                | 6.50  | 99   | 2589321  | 147.76 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 1480127  | 86.24  | ng    | -0.02       |
| 41) 2,4,6-Tribromophenol    | 10.69 | 330  | 482741   | 110.46 | ng    | -0.02       |
| 44) 2-Fluorobiphenyl        | 9.24  | 172  | 2426691  | 95.18  | ng    | 0.00        |
| 78) Terphenyl-d14           | 12.97 | 244  | 1753367  | 73.51  | ng    | -0.02       |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.52  | 94   | 97232    | 4.72   | ng    | Qvalue # 71 |
| 49) Dimethylphthalate       | 9.61  | 163  | 226812   | 8.11   | ng    | 98          |
| 70) Phenanthrene            | 11.41 | 178  | 431713   | 12.03  | ng    | 99          |
| 71) Anthracene              | 11.45 | 178  | 132734   | 3.73   | ng    | 97          |
| 74) Fluoranthene            | 12.60 | 202  | 628798   | 18.49  | ng    | 97          |
| 77) Pyrene                  | 12.81 | 202  | 538806   | 13.70  | ng    | 96          |
| 80) Benzo(a)anthracene      | 14.00 | 228  | 361807   | 11.93  | ng    | 98          |
| 82) Chrysene                | 14.04 | 228  | 230208   | 7.67   | ng    | 96          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.85 | 276  | 85201    | 3.10   | ng    | # 89        |
| 87) Benzo(b)fluoranthene    | 15.03 | 252  | 324924m  | 11.57  | ng    |             |
| 88) Benzo(k)fluoranthene    | 15.05 | 252  | 69098m   | 2.93   | ng    |             |
| 89) Benzo(a)pyrene          | 15.39 | 252  | 197329m  | 7.82   | ng    |             |
| 91) Benzo(a,h,i)perylene    | 17.26 | 276  | 74081    | 3.08   | ng    | 96          |

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

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