

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF100416\  
 Data File : BF090364.D  
 Acq On : 5 Oct 2016 1:28  
 Operator : UM/SJ  
 Sample : H5025-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PA-3

Manual Integrations  
 APPROVED

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 10/5/2016 7:27:12 PM

Quant Time: Oct 05 04:24:21 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF100416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 04 14:16:07 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.01  | 152  | 205865   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.30  | 136  | 768941   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 10.06 | 164  | 342784   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.55 | 188  | 617804   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 14.20 | 240  | 650413   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 15.71 | 264  | 475353   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.62  | 112  | 1413559  | 108.30 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.63  | 99   | 1697662  | 104.06 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.57  | 82   | 1074849  | 81.48  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 10.85 | 330  | 372756   | 125.20 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.38  | 172  | 1671154  | 79.49  | ng    | 0.00     |
| 78) Terphenyl-d14              | 13.14 | 244  | 1685070  | 60.32  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 9) Benzaldehyde                | 6.55  | 77   | 19440    | 2.57   | ng    | 91       |
| 10) Phenol                     | 6.65  | 94   | 42498    | 2.14   | ng    | 97       |
| 32) Benzoic acid               | 8.01  | 122  | 60539    | 12.10  | ng    | 98       |
| 49) Dimethylphthalate          | 9.77  | 163  | 515952   | 25.43  | ng    | 98       |
| 70) Phenanthrene               | 11.57 | 178  | 135377   | 4.08   | ng    | 95       |
| 74) Fluoranthene               | 12.76 | 202  | 256802   | 8.17   | ng    | 92       |
| 77) Pyrene                     | 13.00 | 202  | 246293   | 5.91   | ng    | 97       |
| 80) Benzo(a)anthracene         | 14.19 | 228  | 137685   | 3.78   | ng    | 96       |
| 82) Chrysene                   | 14.22 | 228  | 157214m  | 4.60   | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 14.18 | 149  | 219356   | 8.35   | ng    | # 96     |
| 87) Benzo(b)fluoranthene       | 15.26 | 252  | 162558m  | 5.95   | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.28 | 252  | 63007m   | 2.41   | ng    |          |
| 89) Benzo(a)pyrene             | 15.64 | 252  | 97993    | 3.93   | ng    | # 91     |
| 91) Benzo(g,h,i)perylene       | 17.69 | 276  | 50070    | 2.09   | ng    | # 93     |

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

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