

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\  
 Data File : BF091634.D  
 Acq On : 15 Dec 2016 17:56  
 Operator : UM/SJ  
 Sample : H6012-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-5-8-9

Manual Integrations  
 APPROVED

UMANGI  
 12/16/2016 6:23:34 PM

Quant Time: Dec 16 00:49:12 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 16 00:35:41 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.78  | 152  | 312712   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.06  | 136  | 1217305  | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.82  | 164  | 657733   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.30 | 188  | 950314   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 13.94 | 240  | 640434   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.35 | 264  | 606645   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.39  | 112  | 1960822  | 105.64 | ng    | 0.01     |
| 7) Phenol-d6                | 6.43  | 99   | 2719437  | 117.52 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.34  | 82   | 1704747  | 78.16  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.61 | 330  | 548899   | 100.47 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.15  | 172  | 2298422  | 60.38  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.89 | 244  | 1691194  | 59.92  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.44  | 94   | 196484   | 7.26   | ng    | # 73     |
| 49) Dimethylphthalate       | 9.54  | 163  | 411200   | 9.87   | ng    | # 98     |
| 74) Fluoranthene            | 12.51 | 202  | 338452   | 6.87   | ng    | 97       |
| 77) Pyrene                  | 12.74 | 202  | 341031   | 6.71   | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.93 | 228  | 197147   | 5.30   | ng    | 97       |
| 82) Chrysene                | 13.96 | 228  | 157419m  | 4.05   | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.68 | 276  | 93630    | 2.67   | ng    | # 94     |
| 87) Benzo(b)fluoranthene    | 14.95 | 252  | 215266m  | 5.95   | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.97 | 252  | 71847m   | 2.26   | ng    |          |
| 89) Benzo(a)pyrene          | 15.28 | 252  | 153246   | 4.70   | ng    | 98       |
| 91) Benzo(g,h,i)perylene    | 17.09 | 276  | 84556    | 2.85   | ng    | 96       |

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

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