

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\  
 Data File : BF094126.D  
 Acq On : 3 Apr 2017 17:43  
 Operator : SJ/MA  
 Sample : I2501-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Manual Integrations  
 APPROVED

mohammad  
 4/4/2017 5:34:00 PM

Quant Time: Apr 04 01:39:03 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 14:38:29 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 5.89  | 152  | 189361   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8          | 7.39  | 136  | 790143   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.53  | 164  | 373494   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.36 | 188  | 634330   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12            | 14.61 | 240  | 463949   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12            | 16.23 | 264  | 332633   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 4.43  | 112  | 946653   | 84.44 | ng    | 0.00     |
| 7) Phenol-d6                | 5.49  | 99   | 1218584  | 87.86 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 6.53  | 82   | 769088   | 55.55 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.50 | 330  | 251625   | 85.26 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 8.71  | 172  | 1344343  | 54.90 | ng    | -0.02    |
| 78) Terphenyl-d14           | 13.33 | 244  | 1045456  | 50.51 | ng    | -0.02    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 9.21  | 163  | 144786   | 5.45  | ng    | 97       |
| 70) Phenanthrene            | 11.39 | 178  | 557773   | 15.81 | ng    | 98       |
| 71) Anthracene              | 11.45 | 178  | 131329   | 3.61  | ng    | 99       |
| 74) Fluoranthene            | 12.85 | 202  | 719403   | 19.91 | ng    | 99       |
| 77) Pyrene                  | 13.12 | 202  | 646238   | 19.19 | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.59 | 228  | 252914   | 9.35  | ng    | 99       |
| 82) Chrysene                | 14.64 | 228  | 250476m  | 9.98  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 17.57 | 276  | 95675    | 4.40  | ng    | 98       |
| 87) Benzo(b)fluoranthene    | 15.83 | 252  | 229472m  | 11.25 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.85 | 252  | 80922m   | 4.06  | ng    |          |
| 89) Benzo(a)pyrene          | 16.17 | 252  | 161101   | 8.58  | ng    | 100      |
| 91) Benzo(a,h,i)perylene    | 17.96 | 276  | 92592    | 5.78  | ng    | 97       |

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

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