

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\  
 Data File : BF094167.D  
 Acq On : 4 Apr 2017 14:09  
 Operator : SJ/MA  
 Sample : I2510-12DL 10X  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-U4-NSWDL

Manual Integrations  
 APPROVED

mohammad  
 4/4/2017 5:35:51 PM

Quant Time: Apr 04 14:50:31 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  | 154540   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8          | 7.39  | 136  | 584606   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.53  | 164  | 219524   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.36 | 188  | 333804   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12            | 14.62 | 240  | 291482   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 16.24 | 264  | 205289   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 4.42  | 112  | 90967    | 9.94  | ng    | -0.02    |
| 7) Phenol-d6                | 5.49  | 99   | 111026   | 9.81  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 6.53  | 82   | 46488    | 4.54  | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 10.50 | 330  | 12554    | 7.24  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 8.72  | 172  | 98808    | 6.87  | ng    | -0.02    |
| 78) Terphenyl-d14           | 13.33 | 244  | 60893    | 4.68  | ng    | -0.02    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 70) Phenanthrene            | 11.39 | 178  | 174087   | 9.38  | ng    | 98       |
| 71) Anthracene              | 11.45 | 178  | 68077    | 3.56  | ng    | 98       |
| 74) Fluoranthene            | 12.86 | 202  | 669634   | 35.22 | ng    | 99       |
| 77) Pyrene                  | 13.13 | 202  | 654556   | 30.94 | ng    | 99       |
| 80) Benzo(a)anthracene      | 14.60 | 228  | 312849   | 18.41 | ng    | 97       |
| 82) Chrysene                | 14.64 | 228  | 281393   | 17.84 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.59 | 276  | 121526   | 8.90  | ng    | 93       |
| 87) Benzo(b)fluoranthene    | 15.84 | 252  | 295791m  | 23.51 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.86 | 252  | 95689m   | 7.77  | ng    |          |
| 89) Benzo(a)pyrene          | 16.19 | 252  | 210386   | 18.16 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene  | 17.60 | 278  | 25048    | 2.55  | ng    | # 85     |
| 91) Benzo(a,h,i)perylene    | 17.99 | 276  | 115241   | 11.65 | ng    | 100      |

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

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