

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\  
 Data File : BF093932.D  
 Acq On : 25 Mar 2017 3:03  
 Operator : SJ/MA  
 Sample : I2379-03  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-3

Manual Integrations  
 APPROVED

mohammad  
 3/27/2017 12:56:55 PM

Quant Time: Mar 25 05:04:28 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 23 02:02:22 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 5.96  | 152  | 171468   | 20.00  | ng    | -0.03    |
| 21) Naphthalene-d8          | 7.46  | 136  | 663419   | 20.00  | ng    | -0.03    |
| 38) Acenaphthene-d10        | 9.60  | 164  | 274679   | 20.00  | ng    | -0.04    |
| 63) Phenanthrene-d10        | 11.43 | 188  | 404441   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12            | 14.69 | 240  | 303535   | 20.00  | ng    | -0.03    |
| 86) Perylene-d12            | 16.32 | 264  | 252270   | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 4.50  | 112  | 1375314  | 135.47 | ng    | 0.00     |
| 7) Phenol-d6                | 5.56  | 99   | 1727196  | 137.53 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 6.61  | 82   | 1064985  | 91.61  | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 10.58 | 330  | 276273   | 127.28 | ng    | -0.03    |
| 44) 2-Fluorobiphenyl        | 8.79  | 172  | 1586416  | 88.09  | ng    | -0.03    |
| 78) Terphenyl-d14           | 13.41 | 244  | 896937   | 66.24  | ng    | -0.03    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.28  | 163  | 178452   | 9.14   | ng    | 98       |
| 51) Acenaphthene            | 9.65  | 154  | 66976    | 3.98   | ng    | 96       |
| 57) Fluorene                | 10.28 | 166  | 65725    | 3.46   | ng    | 98       |
| 70) Phenanthrene            | 11.46 | 178  | 797941   | 35.47  | ng    | 98       |
| 71) Anthracene              | 11.52 | 178  | 229336   | 9.90   | ng    | 98       |
| 72) Carbazole               | 11.72 | 167  | 128539   | 5.41   | ng    | 97       |
| 74) Fluoranthene            | 12.93 | 202  | 1156040  | 50.18  | ng    | 99       |
| 77) Pyrene                  | 13.20 | 202  | 1001693  | 45.47  | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.67 | 228  | 524021   | 29.61  | ng    | 100      |
| 82) Chrysene                | 14.72 | 228  | 497607   | 30.29  | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.70 | 276  | 171274   | 12.04  | ng    | 93       |
| 87) Benzo(b)fluoranthene    | 15.91 | 252  | 558523m  | 36.12  | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.93 | 252  | 178024m  | 11.77  | ng    |          |
| 89) Benzo(a)pyrene          | 16.26 | 252  | 360898   | 25.34  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene  | 17.71 | 278  | 48450    | 4.02   | ng    | 95       |
| 91) Benzo(g,h,i)perylene    | 18.10 | 276  | 151390   | 12.46  | ng    | 99       |

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

