

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\  
 Data File : BF088688.D  
 Acq On : 4 Jul 2016 11:38  
 Operator : UM/SJ  
 Sample : H3769-07  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPCH-B3(02-04)

## Manual Integrations

umangi  
 7/5/2016 7:50:26 PM

Quant Time: Jul 05 01:32:47 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 05 01:06:52 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 108038   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.07  | 136  | 368865   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.82  | 164  | 150465   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.30 | 188  | 243834   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12            | 13.92 | 240  | 187697   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.33 | 264  | 160831   | 20.00 | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.38  | 112  | 579078   | 80.33 | ng    | 0.01     |
| 7) Phenol-d6                | 6.42  | 99   | 726523   | 78.00 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.35  | 82   | 439824   | 62.49 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.60 | 330  | 118026   | 84.47 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.15  | 172  | 811415   | 85.18 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.88 | 244  | 477855   | 56.71 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 9.54  | 163  | 109913   | 10.25 | ng    | 99       |
| 70) Phenanthrene            | 11.32 | 178  | 224108   | 16.81 | ng    | 98       |
| 71) Anthracene              | 11.37 | 178  | 58161    | 4.39  | ng    | 97       |
| 74) Fluoranthene            | 12.50 | 202  | 349475   | 25.86 | ng    | 97       |
| 77) Pyrene                  | 12.73 | 202  | 331127   | 20.81 | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.92 | 228  | 176315   | 14.59 | ng    | 99       |
| 82) Chrysene                | 13.95 | 228  | 141523m  | 11.84 | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.65 | 276  | 64560    | 7.02  | ng    | # 100    |
| 87) Benzo(b)fluoranthene    | 14.93 | 252  | 158384m  | 15.70 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.94 | 252  | 70336m   | 8.01  | ng    |          |
| 89) Benzo(a)pyrene          | 15.26 | 252  | 115623   | 13.54 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene  | 16.66 | 278  | 15902    | 2.23  | ng    | # 84     |
| 91) Benzo(a,h,i)perylene    | 17.05 | 276  | 59992    | 8.13  | ng    | 99       |

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

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