

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\  
 Data File : BF107591.D  
 Acq On : 23 Jul 2018 16:38  
 Operator : JU/SJ  
 Sample : J4030-08 2X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB7-12-7

Manual Integrations  
 APPROVED

Sohil  
 7/24/2018 5:26:10 PM

Quant Time: Jul 23 18:59:18 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 20 16:29:27 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.98  | 152  | 288328   | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.26  | 136  | 1058033  | 20.00   | ng    | 0.00     |
| 38) Acenaphthene-d10           | 10.02 | 164  | 381298   | 20.00   | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.52 | 188  | 698545   | 20.00   | ng    | 0.00     |
| 75) Chrysene-d12               | 14.17 | 240  | 556301   | 20.00   | ng    | 0.00     |
| 86) Perylene-d12               | 15.72 | 264  | 409972   | 20.00   | ng    | 0.02     |
| System Monitoring Compounds    |       |      |          |         |       |          |
| 5) 2-Fluorophenol              | 5.61  | 112  | 291769   | 16.27   | ng    | 0.00     |
| 7) Phenol-d6                   | 6.61  | 99   | 886494   | 41.17   | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.54  | 82   | 566434   | 36.13   | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.81 | 330  | 24851    | 5.73    | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.33  | 172  | 1005322  | 37.77   | ng    | 0.00     |
| 78) Terphenyl-d14              | 13.10 | 244  | 902839   | 41.55   | ng    | 0.00     |
| Target Compounds               |       |      |          |         |       |          |
| 48) Acenaphthylene             | 9.88  | 152  | 91580    | 2.401   | ng    | 99       |
| 49) Dimethylphthalate          | 9.72  | 163  | 206277   | 7.178   | ng    | # 99     |
| 51) Acenaphthene               | 10.05 | 154  | 56648    | 2.371   | ng    | 97       |
| 57) Fluorene                   | 10.57 | 166  | 97310    | 3.877   | ng    | 91       |
| 70) Phenanthrene               | 11.54 | 178  | 826156   | 24.270  | ng    | 99       |
| 71) Anthracene                 | 11.59 | 178  | 248056   | 7.238   | ng    | 98       |
| 72) Carbazole                  | 11.75 | 167  | 76258    | 2.140   | ng    | 95       |
| 74) Fluoranthene               | 12.74 | 202  | 1288606  | 35.277  | ng    | 98       |
| 77) Pyrene                     | 12.97 | 202  | 1220050  | 32.063  | ng    | 97       |
| 79) Butylbenzylphthalate       | 13.57 | 149  | 372516   | 22.764  | ng    | 93       |
| 80) Benzo(a)anthracene         | 14.16 | 228  | 537015   | 16.473  | ng    | 96       |
| 82) Chrysene                   | 14.19 | 228  | 518328m  | 16.552  | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 14.14 | 149  | 3675829  | 159.197 | ng    | # 89     |
| 84) Di-n-octyl phthalate       | 14.75 | 149  | 502709   | 14.007  | ng    | # 91     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.30 | 276  | 205346   | 7.737   | ng    | # 91     |
| 87) Benzo(b)fluoranthene       | 15.25 | 252  | 504221m  | 22.472  | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.28 | 252  | 137327m  | 6.247   | ng    |          |
| 89) Benzo(a)pyrene             | 15.65 | 252  | 337176   | 16.428  | ng    | # 92     |
| 90) Dibenzo(a,h)anthracene     | 17.31 | 278  | 50526    | 2.848   | ng    | # 60     |
| 91) Benzo(a,h,i)perylene       | 17.79 | 276  | 210361   | 12.021  | ng    | # 94     |

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

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