

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101620\  
 Data File : BF122011.D  
 Acq On : 16 Oct 2020 15:11  
 Operator : JU/CG  
 Sample : L4392-10DL 2X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3DL

Manual Integrations  
 APPROVED

mohammad  
 10/19/2020 1:23:44 PM

Quant Time: Oct 16 15:58:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 15 12:55:05 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.740  | 152  | 112356   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.028  | 136  | 439024   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.775  | 164  | 205533   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.263 | 188  | 323256   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.904 | 240  | 224631   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.345 | 264  | 252057   | 20.00 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.363  | 112  | 330424   | 43.40 | ng    | 0.00     |
| 7) Phenol-d6                | 6.387  | 99   | 423672   | 43.23 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.310  | 82   | 270355   | 31.58 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.569 | 330  | 77165    | 30.35 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.098  | 172  | 426469   | 30.53 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.845 | 244  | 282773   | 23.99 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| Target Compounds            |        |      |          |       |       | Qvalue   |
| 31) Naphthalene             | 8.045  | 128  | 119271   | 5.07  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.739  | 142  | 57511    | 3.78  | ng    | 97       |
| 38) 1-Methylnaphthalene     | 8.839  | 142  | 237688   | 16.85 | ng    | 99       |
| 49) Acenaphthylene          | 9.639  | 152  | 105613   | 5.29  | ng    | # 95     |
| 50) Dimethylphthalate       | 9.498  | 163  | 80822    | 5.38  | ng    | 100      |
| 52) Acenaphthene            | 9.810  | 154  | 339560   | 28.60 | ng    | 99       |
| 55) Dibenzofuran            | 9.980  | 168  | 137757   | 7.93  | ng    | # 92     |
| 58) Fluorene                | 10.328 | 166  | 298756   | 21.36 | ng    | 99       |
| 71) Phenanthrene            | 11.292 | 178  | 879796   | 49.64 | ng    | 99       |
| 72) Anthracene              | 11.339 | 178  | 402384   | 21.89 | ng    | 99       |
| 75) Fluoranthene            | 12.480 | 202  | 832953   | 43.83 | ng    | 98       |
| 78) Pyrene                  | 12.710 | 202  | 892694   | 52.15 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.898 | 228  | 444637   | 30.21 | ng    | 94       |
| 83) Chrysene                | 13.933 | 228  | 380095   | 26.30 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.757 | 276  | 247456   | 15.12 | ng    | 94       |
| 88) Benzo(b)fluoranthene    | 14.933 | 252  | 488737m  | 28.69 | ng    |          |
| 89) Benzo(k)fluoranthene    | 14.957 | 252  | 137477m  | 8.49  | ng    |          |
| 90) Benzo(a)pyrene          | 15.286 | 252  | 404920   | 27.52 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 16.757 | 278  | 72515m   | 5.38  | ng    |          |
| 92) Benzo(g,h,i)perylene    | 17.180 | 276  | 231244   | 17.15 | ng    | 100      |
| -----                       |        |      |          |       |       |          |

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

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