

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042221\  
 Data File : BN014357.D  
 Acq On : 21 Apr 2021 16:07  
 Operator : CG/JU  
 Sample : M2108-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 38072-033121

Quant Time: Apr 21 16:38:18 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN042221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 21 13:57:02 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.692  | 152  | 6642     | 0.40   | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.467 | 136  | 24506    | 0.40   | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.321 | 164  | 11970    | 0.40   | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.068 | 188  | 22117    | 0.40   | ng    | 0.00     |
| 29) Chrysene-d12            | 21.271 | 240  | 24959    | 0.40   | ng    | # 0.01   |
| 36) Perylene-d12            | 23.493 | 264  | 20546    | 0.40   | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 4) 2-Fluorophenol           | 5.292  | 112  | 5162     | 0.38   | ng    | 0.00     |
| 5) Phenol-d6                | 6.863  | 99   | 6053     | 0.36   | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.832  | 82   | 7898     | 0.38   | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.058 | 152  | 12080    | 0.33   | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.818 | 330  | 1133     | 0.29   | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.938 | 172  | 17873    | 0.38   | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.104 | 212  | 19964    | 0.34   | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.710 | 244  | 19187    | 0.36   | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 9) Naphthalene              | 10.518 | 128  | 3455304  | 56.77  | ng    | 99       |
| 12) 2-Methylnaphthalene     | 12.133 | 142  | 4158275  | 104.69 | ng    | 99       |
| 16) Acenaphthylene          | 14.042 | 152  | 3758423  | 73.98  | ng    | 99       |
| 17) Acenaphthene            | 14.384 | 154  | 1613825  | 48.09  | ng    | 97       |
| 18) Fluorene                | 15.374 | 166  | 6430564  | 155.47 | ng    | 96       |
| 25) Phenanthrene            | 17.104 | 178  | 3309369  | 53.27  | ng    | 99       |
| 26) Anthracene              | 17.202 | 178  | 10538319 | 216.54 | ng    | 97       |
| 28) Fluoranthene            | 19.139 | 202  | 9019813  | 136.10 | ng    | 96       |
| 30) Pyrene                  | 19.506 | 202  | 11585943 | 155.79 | ng    | 96       |
| 32) Benzo(a)anthracene      | 21.250 | 228  | 11255571 | 170.55 | ng    | 93       |
| 33) Chrysene                | 21.303 | 228  | 7526868  | 96.78  | ng    | 95       |
| 35) Indeno(1,2,3-cd)pyrene  | 25.745 | 276  | 8148124  | 94.08  | ng    | 98       |
| 37) Benzo(b)fluoranthene    | 22.829 | 252  | 5920672  | 78.29  | ng    | # 97     |
| 38) Benzo(k)fluoranthene    | 22.873 | 252  | 6054700  | 78.78  | ng    | 97       |
| 39) Benzo(a)pyrene          | 23.397 | 252  | 5069899  | 79.12  | ng    | # 92     |
| 40) Dibenzo(a,h)anthracene  | 25.755 | 278  | 3861503  | 54.32  | ng    | 98       |
| 41) Benzo(g,h,i)perylene    | 26.447 | 276  | 12397189 | 164.96 | ng    | 98       |
| -----                       |        |      |          |        |       |          |

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

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