

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111023\  
 Data File : BM042701.D  
 Acq On : 10 Nov 2023 20:58  
 Operator : MA/JU  
 Sample : 05257-01DL 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-6DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/14/2023  
 Supervised By :mohammad ahmed 11/16/2023

Quant Time: Nov 10 23:06:05 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 09 13:21:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.845  | 152  | 65166    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.663 | 136  | 254407   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.504 | 164  | 159666   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.256 | 188  | 299983   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.444 | 240  | 251204   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 23.821 | 264  | 276622   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.381  | 112  | 160364   | 39.715 | ng    | 0.00     |
| 7) Phenol-d6                | 7.016  | 99   | 220615   | 39.838 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.051  | 82   | 161797   | 29.647 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.004 | 330  | 92696    | 44.468 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.121 | 172  | 354411   | 29.868 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.874 | 244  | 376888   | 25.440 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 49) Acenaphthylene          | 14.233 | 152  | 95771    | 6.458  | ng    | 99       |
| 58) Fluorene                | 15.551 | 166  | 26610    | 2.248  | ng    | 98       |
| 71) Phenanthrene            | 17.298 | 178  | 343755   | 21.928 | ng    | 99       |
| 72) Anthracene              | 17.392 | 178  | 104293   | 6.717  | ng    | 99       |
| 75) Fluoranthene            | 19.315 | 202  | 793398   | 43.084 | ng    | 97       |
| 78) Pyrene                  | 19.686 | 202  | 749529   | 43.453 | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.427 | 228  | 413378   | 25.864 | ng    | 97       |
| 83) Chrysene                | 21.480 | 228  | 419009   | 25.808 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene  | 26.303 | 276  | 265916   | 16.151 | ng    | # 89     |
| 88) Benzo(b)fluoranthene    | 23.091 | 252  | 587576m  | 38.127 | ng    |          |
| 89) Benzo(k)fluoranthene    | 23.133 | 252  | 166476m  | 9.694  | ng    |          |
| 90) Benzo(a)pyrene          | 23.721 | 252  | 362876m  | 23.916 | ng    |          |
| 91) Dibenzo(a,h)anthracene  | 26.315 | 278  | 73830    | 8.577  | ng    | 99       |
| 92) Benzo(g,h,i)perylene    | 27.085 | 276  | 251829   | 17.355 | ng    | # 93     |
| -----                       |        |      |          |        |       |          |

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

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