

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101624\  
 Data File : BF139828.D  
 Acq On : 16 Oct 2024 13:38  
 Operator : RC/JU  
 Sample : P4364-14DL 25X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-06-0.167-0.667DL

Quant Time: Oct 16 14:15:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 15 16:41:54 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024  
 Supervised By :mohammad ahmed 10/17/2024

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.851  | 152  | 71531    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.133  | 136  | 252315   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.886  | 164  | 121804   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.369 | 188  | 185174   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.010 | 240  | 161413   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.474 | 264  | 119958   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 14798    | 3.491  | ng    | 0.00     |
| 7) Phenol-d6                | 6.487  | 99   | 21187    | 3.758  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.410  | 82   | 13048    | 2.662  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.674 | 330  | 3061     | 2.980  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.204  | 172  | 21799    | 2.677  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 16572    | -1.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 52) Acenaphthene            | 9.916  | 154  | 13112    | 2.003  | ng    | 98       |
| 71) Phenanthrene            | 11.392 | 178  | 182065   | 20.584 | ng    | 99       |
| 72) Anthracene              | 11.445 | 178  | 39537    | 4.549  | ng    | 98       |
| 73) Carbazole               | 11.604 | 167  | 16667    | 2.167  | ng    | 98       |
| 75) Fluoranthene            | 12.586 | 202  | 303028   | 36.310 | ng    | 99       |
| 78) Pyrene                  | 12.816 | 202  | 274886   | 17.324 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.998 | 228  | 158618   | 14.795 | ng    | 99       |
| 83) Chrysene                | 14.033 | 228  | 141076   | 14.437 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.933 | 276  | 37652    | 4.687  | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 15.051 | 252  | 131888m  | 19.168 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.062 | 252  | 55757m   | 9.131  | ng    |          |
| 90) Benzo(a)pyrene          | 15.409 | 252  | 86924    | 14.463 | ng    | 97       |
| 92) Benzo(g,h,i)perylene    | 17.380 | 276  | 37081    | 5.367  | ng    | 96       |
| -----                       |        |      |          |        |       |          |

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

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