

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101023\  
 Data File : BF135700.D  
 Acq On : 10 Oct 2023 23:12  
 Operator : CG\JU  
 Sample : 04784-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-10052023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023  
 Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 03:06:05 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 11 02:43:17 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.740  | 152  | 103821   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.016  | 136  | 356984   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.775  | 164  | 164898   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.269 | 188  | 255116   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.933 | 240  | 163205   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.404 | 264  | 143856   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.369  | 112  | 595226   | 93.247 | ng    | 0.00     |
| 7) Phenol-d6                | 6.387  | 99   | 741123   | 91.308 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.304  | 82   | 450219   | 68.519 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.575 | 330  | 128804   | 78.602 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.092  | 172  | 761162   | 69.642 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.863 | 244  | 558878   | 53.085 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 52) Acenaphthene            | 9.804  | 154  | 26126    | 2.894  | ng    | 98       |
| 58) Fluorene                | 10.328 | 166  | 26067    | 2.462  | ng    | 91       |
| 71) Phenanthrene            | 11.292 | 178  | 389402   | 32.273 | ng    | 100      |
| 72) Anthracene              | 11.345 | 178  | 102230   | 8.243  | ng    | 100      |
| 73) Carbazole               | 11.516 | 167  | 24308    | 2.153  | ng    | 94       |
| 75) Fluoranthene            | 12.492 | 202  | 856109   | 68.094 | ng    | 99       |
| 78) Pyrene                  | 12.727 | 202  | 750361   | 48.291 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.921 | 228  | 334675   | 31.757 | ng    | 97       |
| 83) Chrysene                | 13.957 | 228  | 299540   | 28.588 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.904 | 276  | 125937   | 13.352 | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 14.980 | 252  | 320884m  | 41.205 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.004 | 252  | 94311m   | 12.260 | ng    |          |
| 90) Benzo(a)pyrene          | 15.345 | 252  | 222009   | 29.895 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 16.898 | 278  | 28042m   | 3.634  | ng    |          |
| 92) Benzo(g,h,i)perylene    | 17.357 | 276  | 124670   | 15.468 | ng    | 97       |
| -----                       |        |      |          |        |       |          |

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

