

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102723\  
 Data File : BF135997.D  
 Acq On : 27 Oct 2023 21:41  
 Operator : CG\JU  
 Sample : 04767-09DL 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 Q-1(5-10)DL

Quant Time: Oct 27 22:36:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 26 03:58:01 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2023  
 Supervised By :mohammad ahmed 10/28/2023

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.828  | 152  | 156860   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.104  | 136  | 578133   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.863  | 164  | 237105   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.357 | 188  | 387668   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.010 | 240  | 309807   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.498 | 264  | 231824   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.440  | 112  | 148118   | 14.581 | ng    | -0.01    |
| 7) Phenol-d6                | 6.445  | 99   | 200299   | 15.838 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.381  | 82   | 103692   | 20.037 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.651 | 330  | 15188    | 7.318  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.180  | 172  | 211657   | 14.294 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 206436   | 11.133 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.128  | 128  | 174222   | 6.233  | ng    | 97       |
| 37) 2-Methylnaphthalene     | 8.816  | 142  | 44873    | 2.426  | ng    | 100      |
| 49) Acenaphthylene          | 9.722  | 152  | 84468    | 4.029  | ng    | 99       |
| 52) Acenaphthene            | 9.892  | 154  | 33895    | 2.523  | ng    | 98       |
| 55) Dibenzofuran            | 10.069 | 168  | 101081   | 5.208  | ng    | 98       |
| 58) Fluorene                | 10.410 | 166  | 109585   | 7.546  | ng    | 100      |
| 71) Phenanthrene            | 11.380 | 178  | 885516   | 45.149 | ng    | 100      |
| 72) Anthracene              | 11.427 | 178  | 287607   | 14.321 | ng    | 99       |
| 73) Carbazole               | 11.586 | 167  | 87423    | 4.880  | ng    | 99       |
| 75) Fluoranthene            | 12.580 | 202  | 1267360  | 61.421 | ng    | 99       |
| 78) Pyrene                  | 12.810 | 202  | 1070480  | 41.152 | ng    | 100      |
| 81) Benzo(a)anthracene      | 14.004 | 228  | 519491   | 24.661 | ng    | 95       |
| 83) Chrysene                | 14.039 | 228  | 450522   | 21.959 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene  | 17.003 | 276  | 144493   | 10.992 | ng    | 94       |
| 88) Benzo(b)fluoranthene    | 15.062 | 252  | 394178m  | 28.571 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.086 | 252  | 139990m  | 10.332 | ng    |          |
| 90) Benzo(a)pyrene          | 15.433 | 252  | 268706   | 21.133 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 17.027 | 278  | 37243m   | 3.312  | ng    |          |
| 92) Benzo(g,h,i)perylene    | 17.462 | 276  | 130308   | 13.153 | ng    | 97       |
| -----                       |        |      |          |        |       |          |

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

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