

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022323\  
 Data File : BF132536.D  
 Acq On : 23 Feb 2023 23:37  
 Operator : CG\JU  
 Sample : 01640-02DL 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2DL

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 02/24/2023  
 Supervised By : Jagrut Upadhyay 02/24/2023

Quant Time: Feb 24 00:42:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 23 00:59:42 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.007  | 152  | 156415   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.295  | 136  | 526662   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.054 | 164  | 233899   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.554 | 188  | 382676   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.207 | 240  | 298201   | 20.000 | ng    | #-0.01   |
| 86) Perylene-d12            | 15.765 | 264  | 237306   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.631  | 112  | 222882   | 23.126 | ng    | 0.00     |
| 7) Phenol-d6                | 6.631  | 99   | 280649   | 22.313 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.566  | 82   | 168217   | 15.154 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.848 | 330  | 46414    | 18.374 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.366  | 172  | 274257   | 17.854 | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.136 | 244  | 250068   | 14.178 | ng    | -0.01    |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.313  | 128  | 133984   | 4.969  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 9.007  | 142  | 198943   | 10.827 | ng    | 99       |
| 38) 1-Methylnaphthalene     | 9.107  | 142  | 174199   | 10.145 | ng    | 98       |
| 46) 1,1'-Biphenyl           | 9.472  | 154  | 37041    | 2.092  | ng    | 96       |
| 49) Acenaphthylene          | 9.919  | 152  | 90621    | 4.057  | ng    | 97       |
| 52) Acenaphthene            | 10.089 | 154  | 53419    | 3.766  | ng    | 95       |
| 55) Dibenzofuran            | 10.260 | 168  | 52564    | 2.542  | ng    | # 92     |
| 58) Fluorene                | 10.607 | 166  | 181447   | 11.471 | ng    | 98       |
| 71) Phenanthrene            | 11.577 | 178  | 921830   | 46.500 | ng    | 98       |
| 72) Anthracene              | 11.630 | 178  | 172699   | 8.460  | ng    | 99       |
| 75) Fluoranthene            | 12.771 | 202  | 570606   | 26.329 | ng    | 99       |
| 78) Pyrene                  | 13.007 | 202  | 725366   | 26.755 | ng    | 98       |
| 81) Benzo(a)anthracene      | 14.201 | 228  | 260730   | 11.686 | ng    | 94       |
| 83) Chrysene                | 14.236 | 228  | 250672   | 12.014 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene  | 17.359 | 276  | 63382    | 4.076  | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 15.301 | 252  | 182452m  | 11.473 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.324 | 252  | 56756m   | 3.647  | ng    |          |
| 90) Benzo(a)pyrene          | 15.695 | 252  | 155115   | 10.422 | ng    | 98       |
| 92) Benzo(g,h,i)perylene    | 17.848 | 276  | 65306    | 6.022  | ng    | 93       |
| -----                       |        |      |          |        |       |          |

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

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