

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092023\  
 Data File : BF135367.D  
 Acq On : 20 Sep 2023 20:18  
 Operator : CG\JU  
 Sample : 04423-01DL 20X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 2

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-09132023DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023  
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 21 01:53:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 00:19:07 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.757  | 152  | 352379   | 40.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.039  | 136  | 1252978  | 40.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.792  | 164  | 518805   | 40.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.286 | 188  | 834602   | 40.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.951 | 240  | 638456   | 40.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.415 | 264  | 577301   | 40.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.387  | 112  | 115891   | 10.698 | ng    | 0.00     |
| 7) Phenol-d6                | 6.398  | 99   | 151601   | 11.006 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.316  | 82   | 84632    | 7.339  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.586 | 330  | 19529    | 7.576  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.110  | 172  | 147384   | 8.572  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.880 | 244  | 113451   | 5.509  | ng    | -0.01    |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.057  | 128  | 266555   | 8.757  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.751  | 142  | 83736    | 4.092  | ng    | 100      |
| 38) 1-Methylnaphthalene     | 8.845  | 142  | 58363    | 3.047  | ng    | 99       |
| 52) Acenaphthene            | 9.828  | 154  | 133409   | 9.395  | ng    | 97       |
| 55) Dibenzofuran            | 9.998  | 168  | 161262   | 7.442  | ng    | 96       |
| 58) Fluorene                | 10.339 | 166  | 190480   | 11.434 | ng    | 99       |
| 71) Phenanthrene            | 11.316 | 178  | 948452   | 48.056 | ng    | 99       |
| 72) Anthracene              | 11.363 | 178  | 318501   | 15.700 | ng    | 99       |
| 73) Carbazole               | 11.522 | 167  | 87911    | 4.760  | ng    | 99       |
| 75) Fluoranthene            | 12.510 | 202  | 1077802  | 52.409 | ng    | 99       |
| 78) Pyrene                  | 12.739 | 202  | 991288   | 32.616 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.933 | 228  | 469585   | 22.781 | ng    | 97       |
| 83) Chrysene                | 13.974 | 228  | 415652   | 20.281 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.892 | 276  | 133446   | 7.051  | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 14.986 | 252  | 401057m  | 25.667 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.010 | 252  | 128817m  | 8.346  | ng    |          |
| 90) Benzo(a)pyrene          | 15.351 | 252  | 277437   | 18.618 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 16.892 | 278  | 34089    | 2.201  | ng    | # 77     |
| 92) Benzo(g,h,i)perylene    | 17.339 | 276  | 127193   | 7.865  | ng    | # 94     |
| -----                       |        |      |          |        |       |          |

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

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