

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082423\  
 Data File : BF134926.D  
 Acq On : 24 Aug 2023 16:13  
 Operator : CG\JU  
 Sample : 04082-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 362

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023  
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 01:20:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 22 19:33:25 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.792  | 152  | 105583   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.075  | 136  | 390539   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.833  | 164  | 173114   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.321 | 188  | 288522   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.980 | 240  | 234747   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.462 | 264  | 192143   | 20.000 | ng    | 0.01     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 535876   | 80.935 | ng    | 0.00     |
| 7) Phenol-d6                | 6.434  | 99   | 666330   | 78.758 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 409074   | 57.719 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.621 | 330  | 150090   | 73.615 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.151  | 172  | 719431   | 64.245 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.921 | 244  | 670202   | 39.268 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 11.345 | 178  | 232543   | 15.381 | ng    | 99       |
| 72) Anthracene              | 11.398 | 178  | 40117    | 2.590  | ng    | 99       |
| 75) Fluoranthene            | 12.545 | 202  | 553468   | 38.635 | ng    | 99       |
| 78) Pyrene                  | 12.774 | 202  | 480910   | 19.322 | ng    | 100      |
| 81) Benzo(a)anthracene      | 13.974 | 228  | 251081   | 15.677 | ng    | 97       |
| 83) Chrysene                | 14.009 | 228  | 283946   | 17.968 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.950 | 276  | 113501   | 8.264  | ng    | 96       |
| 88) Benzo(b)fluoranthene    | 15.027 | 252  | 317086m  | 29.250 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.056 | 252  | 106682m  | 10.022 | ng    |          |
| 90) Benzo(a)pyrene          | 15.398 | 252  | 185315   | 17.124 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene  | 16.962 | 278  | 28092    | 2.528  | ng    | # 76     |
| 92) Benzo(g,h,i)perylene    | 17.409 | 276  | 112017   | 9.847  | ng    | 100      |
| -----                       |        |      |          |        |       |          |

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

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