

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081623\  
 Data File : BF134801.D  
 Acq On : 16 Aug 2023 11:01  
 Operator : CG\JU  
 Sample : 04003-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-05-081423

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/17/2023  
 Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 17 01:30:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 04 09:29:15 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 179545   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.075  | 136  | 648165   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.833  | 164  | 275100   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.322 | 188  | 427034   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.974 | 240  | 311309   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.445 | 264  | 238425   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 632277   | 53.531 | ng    | 0.00     |
| 7) Phenol-d6                | 6.434  | 99   | 761651   | 50.445 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 451843   | 43.564 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.622 | 330  | 146100   | 52.097 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.157  | 172  | 739355   | 44.686 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.916 | 244  | 685015   | 38.791 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 11.345 | 178  | 50034    | 2.206  | ng    | 97       |
| 75) Fluoranthene            | 12.539 | 202  | 187325   | 7.818  | ng    | 96       |
| 78) Pyrene                  | 12.769 | 202  | 161826   | 6.007  | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.963 | 228  | 72929    | 3.276  | ng    | 97       |
| 83) Chrysene                | 13.998 | 228  | 64322m   | 2.966  | ng    |          |
| 88) Benzo(b)fluoranthene    | 15.015 | 252  | 66494m   | 4.573  | ng    |          |
| 90) Benzo(a)pyrene          | 15.380 | 252  | 42183    | 3.111  | ng    | # 86     |
| 92) Benzo(g,h,i)perylene    | 17.386 | 276  | 23811    | 2.060  | ng    | # 89     |
| -----                       |        |      |          |        |       |          |

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

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