

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090123\  
 Data File : BF135081.D  
 Acq On : 01 Sep 2023 17:42  
 Operator : CG\JU  
 Sample : 04203-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2(12-12.5)

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/04/2023  
 Supervised By :mohammad ahmed 09/04/2023

Quant Time: Sep 04 01:08:59 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 03:48:08 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.769  | 152  | 87249    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.045  | 136  | 346982   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.804  | 164  | 162940   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.298 | 188  | 260861   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.951 | 240  | 187912   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.421 | 264  | 211003   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.398  | 112  | 435425   | 77.086 | ng    | 0.00     |
| 7) Phenol-d6                | 6.404  | 99   | 515215   | 73.178 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.328  | 82   | 315997   | 51.164 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.598 | 330  | 110216   | 63.766 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.128  | 172  | 530980   | 53.056 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.892 | 244  | 407479   | 35.387 | ng    | -0.01    |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 11.322 | 178  | 32151    | 2.389  | ng    | 97       |
| 75) Fluoranthene            | 12.516 | 202  | 43010    | 3.161  | ng    | 98       |
| 78) Pyrene                  | 12.745 | 202  | 41112    | 2.304  | ng    | 100      |
| 81) Benzo(a)anthracene      | 13.939 | 228  | 31453    | 2.454  | ng    | 93       |
| 83) Chrysene                | 13.980 | 228  | 26759m   | 2.124  | ng    |          |
| 88) Benzo(b)fluoranthene    | 14.992 | 252  | 39011m   | 2.971  | ng    |          |
| 90) Benzo(a)pyrene          | 15.357 | 252  | 30021    | 2.461  | ng    | 94       |
| -----                       |        |      |          |        |       |          |

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

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