

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080524\  
 Data File : BF138798.D  
 Acq On : 05 Aug 2024 22:03  
 Operator : RC/JU  
 Sample : P3414-01DL 10X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PL-02-07312024-ADL

Quant Time: Aug 06 00:57:33 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 17:50:01 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024  
 Supervised By :mohammad ahmed 08/07/2024

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.846  | 152  | 37014    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.128  | 136  | 125815   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.881  | 164  | 52733    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.369 | 188  | 90411    | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.010 | 240  | 55731    | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.474 | 264  | 49195    | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 22032    | 9.188  | ng    | 0.00     |
| 7) Phenol-d6                | 6.487  | 99   | 27298    | 8.479  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 16019    | 6.225  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 3785     | 8.763  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 26905    | 7.666  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.945 | 244  | 26744    | 8.034  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 49) Acenaphthylene          | 9.739  | 152  | 14137    | 3.245  | ng    | 99       |
| 58) Fluorene                | 10.428 | 166  | 7467     | 2.268  | ng    | 97       |
| 71) Phenanthrene            | 11.392 | 178  | 110120   | 23.654 | ng    | 99       |
| 72) Anthracene              | 11.439 | 178  | 30318    | 6.611  | ng    | 98       |
| 75) Fluoranthene            | 12.580 | 202  | 241695   | 55.611 | ng    | 98       |
| 78) Pyrene                  | 12.810 | 202  | 219566   | 41.844 | ng    | 98       |
| 81) Benzo(a)anthracene      | 13.998 | 228  | 104173   | 27.144 | ng    | 98       |
| 83) Chrysene                | 14.033 | 228  | 78264    | 22.604 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.945 | 276  | 32146    | 9.118  | ng    | 92       |
| 88) Benzo(b)fluoranthene    | 15.051 | 252  | 83706m   | 27.448 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.063 | 252  | 34581m   | 13.097 | ng    |          |
| 90) Benzo(a)pyrene          | 15.416 | 252  | 63527    | 24.765 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene  | 16.951 | 278  | 7339     | 2.536  | ng    | # 88     |
| 92) Benzo(g,h,i)perylene    | 17.398 | 276  | 27919    | 9.297  | ng    | 96       |
| -----                       |        |      |          |        |       |          |

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

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