

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102723\  
 Data File : BF135991.D  
 Acq On : 27 Oct 2023 18:34  
 Operator : CG\JU  
 Sample : 04767-01DL 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 D-1(0-5)DL

Quant Time: Oct 27 22:34:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 26 03:58:01 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2023  
 Supervised By :mohammad ahmed 10/28/2023

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.828  | 152  | 174061   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.104  | 136  | 688716   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.863  | 164  | 340902   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.351 | 188  | 520375   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.010 | 240  | 333579   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.498 | 264  | 349329   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.451  | 112  | 624321   | 55.386 | ng    | 0.00     |
| 7) Phenol-d6                | 6.451  | 99   | 766978   | 54.654 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.381  | 82   | 436284   | 45.985 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.651 | 330  | 162867   | 54.582 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.181  | 172  | 850879   | 39.967 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 617373   | 30.922 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 49) Acenaphthylene          | 9.722  | 152  | 113694   | 3.772  | ng    | 98       |
| 58) Fluorene                | 10.410 | 166  | 44906    | 2.151  | ng    | 95       |
| 71) Phenanthrene            | 11.381 | 178  | 747660   | 28.399 | ng    | 100      |
| 72) Anthracene              | 11.428 | 178  | 173879   | 6.450  | ng    | 100      |
| 75) Fluoranthene            | 12.575 | 202  | 912495   | 32.945 | ng    | 99       |
| 78) Pyrene                  | 12.804 | 202  | 1166902  | 41.662 | ng    | 100      |
| 81) Benzo(a)anthracene      | 13.998 | 228  | 598490m  | 26.387 | ng    |          |
| 83) Chrysene                | 14.033 | 228  | 555102   | 25.128 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.998 | 276  | 173980   | 8.783  | ng    | 95       |
| 88) Benzo(b)fluoranthene    | 15.063 | 252  | 618608m  | 29.756 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.086 | 252  | 193751m  | 9.489  | ng    |          |
| 90) Benzo(a)pyrene          | 15.433 | 252  | 477644   | 24.929 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 17.021 | 278  | 48740    | 2.877  | ng    | 96       |
| 92) Benzo(g,h,i)perylene    | 17.457 | 276  | 164299   | 11.619 | ng    | 98       |
| -----                       |        |      |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102723\  
Data File : BF135991.D  
Acq On : 27 Oct 2023 18:34  
Operator : CG\JU  
Sample : 04767-01DL 2X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
D-1(0-5)DL

Quant Time: Oct 27 22:34:33 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 26 03:58:01 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/28/2023  
Supervised By :mohammad ahmed 10/28/2023

