

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030123\  
 Data File : BF132598.D  
 Acq On : 01 Mar 2023 18:51  
 Operator : CG\JU  
 Sample : 01722-01 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-022723

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/02/2023  
 Supervised By :Jagrut Upadhyay 03/02/2023

Quant Time: Mar 02 03:19:42 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 23:17:30 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.004  | 152  | 191669   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.287  | 136  | 623083   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.051 | 164  | 272508   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.545 | 188  | 508406   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.204 | 240  | 438220   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.757 | 264  | 354088   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.622  | 112  | 391335   | 33.137 | ng    | 0.00     |
| 7) Phenol-d6                | 6.622  | 99   | 469744   | 30.478 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.557  | 82   | 272060   | 20.716 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.839 | 330  | 82140    | 27.911 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.363  | 172  | 431431   | 24.107 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.133 | 244  | 519928   | 20.060 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.310  | 128  | 354137   | 11.102 | ng    | 98       |
| 37) 2-Methylnaphthalene     | 8.998  | 142  | 178159   | 8.196  | ng    | 99       |
| 38) 1-Methylnaphthalene     | 9.098  | 142  | 126529   | 6.228  | ng    | 99       |
| 49) Acenaphthylene          | 9.910  | 152  | 73359    | 2.819  | ng    | 97       |
| 52) Acenaphthene            | 10.081 | 154  | 53514    | 3.238  | ng    | 95       |
| 55) Dibenzofuran            | 10.251 | 168  | 80271    | 3.332  | ng    | # 93     |
| 58) Fluorene                | 10.598 | 166  | 141412   | 7.674  | ng    | 97       |
| 71) Phenanthrene            | 11.569 | 178  | 811838   | 30.824 | ng    | 98       |
| 72) Anthracene              | 11.622 | 178  | 211069   | 7.782  | ng    | 99       |
| 73) Carbazole               | 11.775 | 167  | 68576    | 2.804  | ng    | 100      |
| 75) Fluoranthene            | 12.769 | 202  | 880201   | 30.570 | ng    | 99       |
| 78) Pyrene                  | 12.998 | 202  | 939137   | 23.572 | ng    | 99       |
| 81) Benzo(a)anthracene      | 14.192 | 228  | 517019   | 15.768 | ng    | 95       |
| 83) Chrysene                | 14.227 | 228  | 448416   | 14.625 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 17.357 | 276  | 155724   | 6.712  | ng    | 99       |
| 88) Benzo(b)fluoranthene    | 15.292 | 252  | 436292m  | 18.386 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.321 | 252  | 162580m  | 7.001  | ng    |          |
| 90) Benzo(a)pyrene          | 15.686 | 252  | 308653   | 13.898 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene  | 17.362 | 278  | 41190    | 2.179  | ng    | # 85     |
| 92) Benzo(g,h,i)perylene    | 17.845 | 276  | 152569   | 8.516  | ng    | 96       |
| -----                       |        |      |          |        |       |          |

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

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