

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062323\  
 Data File : BF133946.D  
 Acq On : 23 Jun 2023 16:48  
 Operator : CG\JU  
 Sample : 03331-08 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPOSITE-SB17

Quant Time: Jun 23 18:35:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 23 02:21:26 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2023  
 Supervised By :mohammad ahmed 06/27/2023

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 93853    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 316370   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.898  | 164  | 132327   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 236777   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.062 | 240  | 143755   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.574 | 264  | 127918   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 332259   | 61.631  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 382063   | 54.446  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 243623   | 41.943  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 87628    | 52.314  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 436000   | 46.837  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 424866   | 45.732  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 31) Naphthalene               | 8.163  | 128  | 30894    | 2.004   | ng    | 99       |
| 49) Acenaphthylene            | 9.757  | 152  | 76082    | 5.710   | ng    | 97       |
| 52) Acenaphthene              | 9.933  | 154  | 57692    | 7.397   | ng    | 96       |
| 55) Dibenzofuran              | 10.104 | 168  | 44803    | 3.765   | ng    | 97       |
| 58) Fluorene                  | 10.451 | 166  | 87178    | 9.579   | ng    | 100      |
| 71) Phenanthrene              | 11.421 | 178  | 1082144  | 90.082  | ng    | 99       |
| 72) Anthracene                | 11.469 | 178  | 339098   | 27.072  | ng    | 100      |
| 73) Carbazole                 | 11.627 | 167  | 69202    | 5.932   | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 81840    | 5.472   | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 1876179  | 147.072 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 1766397  | 131.906 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 1693260  | 299.514 | ng    | 94       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 725154   | 72.927  | ng    | 96       |
| 83) Chrysene                  | 14.092 | 228  | 722801   | 76.854  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149  | 2163855  | 310.858 | ng    | # 98     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.133 | 276  | 275284   | 31.281  | ng    | 94       |
| 88) Benzo(b)fluoranthene      | 15.133 | 252  | 726389m  | 93.481  | ng    |          |
| 89) Benzo(k)fluoranthene      | 15.156 | 252  | 276781m  | 36.566  | ng    |          |
| 90) Benzo(a)pyrene            | 15.515 | 252  | 532111   | 73.785  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.145 | 278  | 74192    | 10.183  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.603 | 276  | 247180   | 34.218  | ng    | 99       |
| -----                         |        |      |          |         |       |          |

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

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