

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101223\  
 Data File : BF135738.D  
 Acq On : 12 Oct 2023 16:59  
 Operator : CG\JU  
 Sample : 04657-09  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-2(0-2IN)

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/13/2023  
 Supervised By :mohammad ahmed 10/13/2023

Quant Time: Oct 13 00:56:24 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 11 02:43:17 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.739  | 152  | 82845    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.016  | 136  | 301056   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.774  | 164  | 150556   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.268 | 188  | 235186   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.933 | 240  | 149457   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.409 | 264  | 139308   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.375  | 112  | 469764   | 92.226 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.392  | 99   | 581460   | 89.775 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.304  | 82   | 315693   | 56.971 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.574 | 330  | 108907   | 72.791 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 563463   | 56.465 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.863 | 244  | 390375   | 40.490 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 31) Naphthalene               | 8.039  | 128  | 72644    | 4.966  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.733  | 142  | 25057    | 2.548  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.833  | 142  | 19652    | 2.135  | ng    | 94       |
| 49) Acenaphthylene            | 9.639  | 152  | 103174   | 7.395  | ng    | 99       |
| 58) Fluorene                  | 10.327 | 166  | 28292    | 2.926  | ng    | # 99     |
| 71) Phenanthrene              | 11.292 | 178  | 281431   | 25.301 | ng    | 99       |
| 72) Anthracene                | 11.351 | 178  | 88743    | 7.762  | ng    | 100      |
| 75) Fluoranthene              | 12.492 | 202  | 417617   | 36.031 | ng    | 99       |
| 78) Pyrene                    | 12.727 | 202  | 483475   | 33.977 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.345 | 149  | 10463    | 2.088  | ng    | 93       |
| 81) Benzo(a)anthracene        | 13.927 | 228  | 268715m  | 27.844 | ng    |          |
| 83) Chrysene                  | 13.962 | 228  | 249201   | 25.972 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 13.904 | 149  | 11252    | 2.189  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.903 | 276  | 95325    | 10.436 | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 14.980 | 252  | 305311m  | 40.485 | ng    |          |
| 89) Benzo(k)fluoranthene      | 15.004 | 252  | 105281m  | 14.133 | ng    |          |
| 90) Benzo(a)pyrene            | 15.345 | 252  | 210855   | 29.320 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.903 | 278  | 27632m   | 3.697  | ng    |          |
| 92) Benzo(g,h,i)perylene      | 17.356 | 276  | 91682    | 11.746 | ng    | 98       |
| -----                         |        |      |          |        |       |          |

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

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