

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\  
 Data File : BF121825.D  
 Acq On : 5 Oct 2020 19:18  
 Operator : JU/CG  
 Sample : L4247-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-19(5-7)

Manual Integrations  
 APPROVED

mohammad  
 10/7/2020 10:36:10 AM

Quant Time: Oct 06 00:42:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 01 14:29:14 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.76  | 152  | 101963   | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.05  | 136  | 378251   | 20.00  | ng    | -0.01          |
| 39) Acenaphthene-d10        | 9.80  | 164  | 176612   | 20.00  | ng    | -0.01          |
| 64) Phenanthrene-d10        | 11.28 | 188  | 278814   | 20.00  | ng    | -0.01          |
| 76) Chrysene-d12            | 13.92 | 240  | 221680   | 20.00  | ng    | -0.01          |
| 86) Perylene-d12            | 15.37 | 264  | 248213   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.38  | 112  | 578373   | 84.30  | ng    | 0.00           |
| 7) Phenol-d6                | 6.40  | 99   | 722252   | 80.24  | ng    | -0.01          |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 477666   | 67.80  | ng    | -0.01          |
| 42) 2,4,6-Tribromophenol    | 10.59 | 330  | 164628   | 75.00  | ng    | -0.02          |
| 45) 2-Fluorobiphenyl        | 9.12  | 172  | 789258   | 67.68  | ng    | -0.01          |
| 79) Terphenyl-d14           | 12.87 | 244  | 625217   | 57.14  | ng    | -0.01          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Acenaphthylene          | 9.66  | 152  | 60845    | 3.554  | ng    | Qvalue<br># 94 |
| 50) Dimethylphthalate       | 9.52  | 163  | 90272    | 7.052  | ng    | 98             |
| 52) Acenaphthene            | 9.83  | 154  | 53074    | 4.909  | ng    | 99             |
| 55) Dibenzofuran            | 10.00 | 168  | 54099    | 3.553  | ng    | 97             |
| 58) Fluorene                | 10.35 | 166  | 56255    | 4.831  | ng    | 98             |
| 71) Phenanthrene            | 11.31 | 178  | 616654   | 40.594 | ng    | 99             |
| 72) Anthracene              | 11.36 | 178  | 218514   | 13.939 | ng    | 98             |
| 73) Carbazole               | 11.52 | 167  | 54014    | 3.818  | ng    | 99             |
| 75) Fluoranthene            | 12.50 | 202  | 1096550  | 67.621 | ng    | 98             |
| 78) Pyrene                  | 12.73 | 202  | 940812   | 58.087 | ng    | 100            |
| 81) Benzo(a)anthracene      | 13.92 | 228  | 556168   | 39.657 | ng    | 97             |
| 83) Chrysene                | 13.95 | 228  | 474408m  | 33.405 | ng    |                |
| 87) Indeno(1,2,3-cd)pyrene  | 16.79 | 276  | 318133   | 19.681 | ng    | 94             |
| 88) Benzo(b)fluoranthene    | 14.96 | 252  | 661528m  | 39.867 | ng    |                |
| 89) Benzo(k)fluoranthene    | 14.98 | 252  | 259633m  | 17.087 | ng    |                |
| 90) Benzo(a)pyrene          | 15.31 | 252  | 501437   | 35.551 | ng    | 96             |
| 91) Dibenzo(a,h)anthracene  | 16.79 | 278  | 85872    | 6.382  | ng    | # 78           |
| 92) Benzo(g,h,i)perylene    | 17.22 | 276  | 286337   | 21.648 | ng    | 100            |

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

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