

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\  
 Data File : BF121507.D  
 Acq On : 1 Sep 2020 20:41  
 Operator : JU/CG  
 Sample : L3848-21 2X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LINDEN-BH-01-B

Manual Integrations  
 APPROVED

mohammad  
 9/2/2020 1:57:31 PM

Quant Time: Sep 02 02:27:18 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 28 09:25:49 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 273168   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.14  | 136  | 1042234  | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.90  | 164  | 510339   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.39 | 188  | 881485   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.03 | 240  | 643703   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.52 | 264  | 722481   | 20.00  | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 626367   | 38.47  | ng    | -0.01    |
| 7) Phenol-d6                | 6.47  | 99   | 807679   | 35.50  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 493055   | 32.34  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330  | 206975   | 40.15  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 977298   | 30.90  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.97 | 244  | 818420   | 26.76  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 49) Acenaphthylene          | 9.76  | 152  | 130340   | 2.745  | ng    | 96       |
| 50) Dimethylphthalate       | 9.61  | 163  | 171650   | 4.897  | ng    | 99       |
| 52) Acenaphthene            | 9.93  | 154  | 63173    | 2.107  | ng    | 96       |
| 58) Fluorene                | 10.44 | 166  | 80130    | 2.441  | ng    | 99       |
| 71) Phenanthrene            | 11.41 | 178  | 1267008  | 28.009 | ng    | 98       |
| 72) Anthracene              | 11.46 | 178  | 358599   | 8.060  | ng    | 95       |
| 75) Fluoranthene            | 12.60 | 202  | 2285173  | 46.873 | ng    | 99       |
| 78) Pyrene                  | 12.83 | 202  | 2265126  | 49.272 | ng    | 99       |
| 81) Benzo(a)anthracene      | 14.02 | 228  | 1338298  | 34.058 | ng    | 96       |
| 83) Chrysene                | 14.06 | 228  | 1172904  | 29.835 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.99 | 276  | 652471   | 14.678 | ng    | 95       |
| 88) Benzo(b)fluoranthene    | 15.08 | 252  | 1547897m | 32.936 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.10 | 252  | 502003m  | 11.484 | ng    |          |
| 90) Benzo(a)pyrene          | 15.45 | 252  | 1194193  | 28.258 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 17.00 | 278  | 181362   | 4.984  | ng    | 92       |
| 92) Benzo(g,h,i)perylene    | 17.43 | 276  | 582698   | 16.623 | ng    | 97       |

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

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