

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\  
 Data File : BF112024.D  
 Acq On : 11 Jan 2019 19:17  
 Operator : JU/SJ  
 Sample : K1011-03 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-011019-B

Manual Integrations  
 APPROVED

Sohil  
 1/14/2019 4:10:26 PM

Quant Time: Jan 11 23:12:19 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 11 21:37:26 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)   |
|-----------------------------|-------|------|----------|--------|-------|------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 106762   | 20.00  | ng    | 0.00       |
| 21) Naphthalene-d8          | 8.16  | 136  | 375306   | 20.00  | ng    | 0.00       |
| 39) Acenaphthene-d10        | 9.91  | 164  | 168045   | 20.00  | ng    | 0.00       |
| 64) Phenanthrene-d10        | 11.40 | 188  | 307812   | 20.00  | ng    | 0.00       |
| 76) Chrysene-d12            | 14.05 | 240  | 269677   | 20.00  | ng    | 0.00       |
| 87) Perylene-d12            | 15.52 | 264  | 183839   | 20.00  | ng    | 0.00       |
| System Monitoring Compounds |       |      |          |        |       |            |
| 5) 2-Fluorophenol           | 5.50  | 112  | 341143   | 54.67  | ng    | 0.00       |
| 7) Phenol-d6                | 6.51  | 99   | 367999   | 45.75  | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 217839   | 31.02  | ng    | -0.01      |
| 42) 2,4,6-Tribromophenol    | 10.70 | 330  | 94637    | 43.30  | ng    | 0.00       |
| 45) 2-Fluorobiphenyl        | 9.23  | 172  | 399895   | 34.70  | ng    | 0.00       |
| 79) Terphenyl-d14           | 12.98 | 244  | 431887   | 30.40  | ng    | 0.00       |
| Target Compounds            |       |      |          |        |       |            |
| 31) Naphthalene             | 8.17  | 128  | 73576    | 4.130  | ng    | Qvalue 100 |
| 37) 2-Methylnaphthalene     | 8.87  | 142  | 180708   | 16.369 | ng    | 98         |
| 38) 1-Methylnaphthalene     | 8.97  | 142  | 203640   | 19.232 | ng    | 100        |
| 49) Acenaphthylene          | 9.77  | 152  | 69093    | 4.236  | ng    | # 88       |
| 50) Dimethylphthalate       | 9.62  | 163  | 117749   | 9.328  | ng    | 99         |
| 52) Acenaphthene            | 9.95  | 154  | 100040   | 9.514  | ng    | 95         |
| 55) Dibenzofuran            | 10.12 | 168  | 60095    | 3.930  | ng    | # 90       |
| 58) Fluorene                | 10.46 | 166  | 219044   | 19.686 | ng    | 100        |
| 71) Phenanthrene            | 11.43 | 178  | 1224010  | 74.376 | ng    | 100        |
| 72) Anthracene              | 11.47 | 178  | 309292   | 18.514 | ng    | 98         |
| 73) Carbazole               | 11.63 | 167  | 35069    | 2.158  | ng    | 96         |
| 75) Fluoranthene            | 12.62 | 202  | 1007936  | 59.660 | ng    | 98         |
| 78) Pyrene                  | 12.85 | 202  | 1116713  | 60.182 | ng    | 100        |
| 81) Benzo(a)anthracene      | 14.03 | 228  | 434088   | 27.969 | ng    | 96         |
| 83) Chrysene                | 14.07 | 228  | 375832   | 25.397 | ng    | 97         |
| 86) Indeno(1,2,3-cd)pyrene  | 17.01 | 276  | 119562   | 11.082 | ng    | 96         |
| 88) Benzo(b)fluoranthene    | 15.09 | 252  | 319310m  | 29.036 | ng    |            |
| 89) Benzo(k)fluoranthene    | 15.12 | 252  | 79040m   | 7.646  | ng    |            |
| 90) Benzo(a)pyrene          | 15.46 | 252  | 227113   | 23.488 | ng    | 98         |
| 91) Dibenzo(a,h)anthracene  | 17.02 | 278  | 30575    | 3.931  | ng    | # 80       |
| 92) Benzo(g,h,i)perylene    | 17.46 | 276  | 123579   | 16.246 | ng    | 96         |

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

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