

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\  
 Data File : BF120298.D  
 Acq On : 14 May 2020 18:42  
 Operator : MA/SJ  
 Sample : L2605-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 239992

Manual Integrations  
 APPROVED

mohammad  
 5/18/2020 1:31:57 PM

Quant Time: May 15 03:02:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 14 12:47:38 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.62  | 152  | 369107   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.90  | 136  | 1529334  | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.66  | 164  | 742723   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.15 | 188  | 1313060  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.78 | 240  | 886459   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.17 | 264  | 734685   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.23  | 112  | 1631651  | 86.01  | ng    | 0.00     |
| 7) Phenol-d6                | 6.27  | 99   | 2177133  | 90.75  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.19  | 82   | 1356759  | 60.74  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.45 | 330  | 531655   | 87.79  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 8.99  | 172  | 2510602  | 69.45  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.73 | 244  | 2261008  | 56.35  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 50) Dimethylphthalate       | 9.38  | 163  | 578044   | 12.312 | ng    | 99       |
| 71) Phenanthrene            | 11.16 | 178  | 415927   | 7.538  | ng    | 97       |
| 75) Fluoranthene            | 12.35 | 202  | 641006   | 10.839 | ng    | 96       |
| 78) Pyrene                  | 12.58 | 202  | 625836   | 9.903  | ng    | 98       |
| 81) Benzo(a)anthracene      | 13.77 | 228  | 302055   | 6.460  | ng    | 98       |
| 83) Chrysene                | 13.80 | 228  | 282529   | 5.627  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.50 | 276  | 116236   | 2.551  | ng    | # 91     |
| 88) Benzo(b)fluoranthene    | 14.79 | 252  | 294389m  | 7.337  | ng    |          |
| 89) Benzo(k)fluoranthene    | 14.80 | 252  | 117576m  | 3.382  | ng    |          |
| 90) Benzo(a)pyrene          | 15.12 | 252  | 203836   | 5.665  | ng    | 97       |
| 92) Benzo(g,h,i)perylene    | 16.90 | 276  | 107985   | 3.359  | ng    | 95       |

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

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