

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\  
 Data File : BF120068.D  
 Acq On : 17 Apr 2020 19:21  
 Operator : MA/SJ  
 Sample : L2245-41  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-7-15

Manual Integrations  
 APPROVED

mohammad  
 4/21/2020 8:22:45 AM

Quant Time: Apr 18 04:33:46 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 17 10:51:37 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.73  | 152  | 175667   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.02  | 136  | 596694   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.79  | 164  | 240676   | 20.00  | ng    | 0.01     |
| 64) Phenanthrene-d10        | 11.27 | 188  | 373194   | 20.00  | ng    | 0.01     |
| 76) Chrysene-d12            | 13.90 | 240  | 300417   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.33 | 264  | 251475   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.34  | 112  | 926104   | 91.11  | ng    | 0.01     |
| 7) Phenol-d6                | 6.37  | 99   | 1156497  | 88.30  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.30  | 82   | 741776   | 64.31  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.57 | 330  | 159105   | 53.99  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.10  | 172  | 1229316  | 72.52  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.85 | 244  | 824407   | 46.18  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 31) Naphthalene             | 8.04  | 128  | 80412    | 2.561  | ng    | # 70     |
| 37) 2-Methylnaphthalene     | 8.74  | 142  | 59133    | 2.778  | ng    | # 91     |
| 38) 1-Methylnaphthalene     | 8.84  | 142  | 270777   | 13.498 | ng    | # 97     |
| 49) Acenaphthylene          | 9.65  | 152  | 63529    | 2.669  | ng    | # 7      |
| 50) Dimethylphthalate       | 9.50  | 163  | 91591    | 4.920  | ng    | # 51     |
| 52) Acenaphthene            | 9.82  | 154  | 73103    | 4.605  | ng    | # 88     |
| 58) Fluorene                | 10.33 | 166  | 140061   | 8.039  | ng    | # 88     |
| 71) Phenanthrene            | 11.30 | 178  | 596513   | 30.033 | ng    | 97       |
| 72) Anthracene              | 11.35 | 178  | 97527m   | 4.807  | ng    |          |
| 75) Fluoranthene            | 12.49 | 202  | 637337   | 29.740 | ng    | 98       |
| 78) Pyrene                  | 12.71 | 202  | 658525   | 26.002 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.89 | 228  | 362388   | 18.336 | ng    | 97       |
| 83) Chrysene                | 13.93 | 228  | 334907   | 16.678 | ng    | 96       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.72 | 276  | 129919   | 7.339  | ng    | 99       |
| 88) Benzo(b)fluoranthene    | 14.92 | 252  | 354951m  | 19.621 | ng    |          |
| 89) Benzo(k)fluoranthene    | 14.94 | 252  | 106725m  | 6.837  | ng    |          |
| 90) Benzo(a)pyrene          | 15.27 | 252  | 244928   | 16.103 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 16.73 | 278  | 40260    | 2.988  | ng    | # 87     |
| 92) Benzo(a,h,i)perylene    | 17.14 | 276  | 143434   | 10.785 | ng    | # 93     |

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

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