

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\  
 Data File : BF120501.D  
 Acq On : 2 Jun 2020 18:08  
 Operator : JU/CG  
 Sample : L2783-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOT-11

Manual Integrations  
 APPROVED

mohammad  
 6/3/2020 4:36:26 PM

Quant Time: Jun 02 19:29:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 02 11:37:51 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 127299   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 430547   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.88  | 164  | 212788   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.37 | 188  | 444415   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.02 | 240  | 373851   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.48 | 264  | 328534   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.46  | 112 | 623721  | 93.38  | ng | 0.00  |
| 7) Phenol-d6                | 6.47  | 99  | 727753  | 88.39  | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.40  | 82  | 445261  | 67.65  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330 | 218012  | 110.58 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 9.20  | 172 | 862044  | 68.74  | ng | 0.00  |
| 79) Terphenyl-d14           | 12.96 | 244 | 1163289 | 69.24  | ng | 0.00  |

|                            |       |     |          |        |    |      |
|----------------------------|-------|-----|----------|--------|----|------|
| Target Compounds           |       |     |          | Qvalue |    |      |
| 31) Naphthalene            | 8.15  | 128 | 40433    | 2.138  | ng | 98   |
| 49) Acenaphthylene         | 9.75  | 152 | 50176    | 2.821  | ng | 95   |
| 50) Dimethylphthalate      | 9.59  | 163 | 161220   | 12.119 | ng | 99   |
| 52) Acenaphthene           | 9.92  | 154 | 77126    | 6.948  | ng | 97   |
| 55) Dibenzofuran           | 10.09 | 168 | 48769    | 3.023  | ng | 97   |
| 58) Fluorene               | 10.43 | 166 | 89088    | 7.359  | ng | 99   |
| 71) Phenanthrene           | 11.40 | 178 | 1108158  | 56.590 | ng | 99   |
| 72) Anthracene             | 11.44 | 178 | 387777   | 19.737 | ng | 97   |
| 73) Carbazole              | 11.60 | 167 | 143941   | 7.574  | ng | 98   |
| 75) Fluoranthene           | 12.59 | 202 | 1961491  | 93.091 | ng | 99   |
| 78) Pyrene                 | 12.82 | 202 | 1757333  | 67.592 | ng | 100  |
| 81) Benzo(a)anthracene     | 14.00 | 228 | 1081499  | 53.977 | ng | 98   |
| 83) Chrysene               | 14.04 | 228 | 927588   | 44.159 | ng | 97   |
| 87) Indeno(1,2,3-cd)pyrene | 16.94 | 276 | 394359   | 21.947 | ng | 95   |
| 88) Benzo(b)fluoranthene   | 15.06 | 252 | 1077258m | 59.035 | ng |      |
| 89) Benzo(k)fluoranthene   | 15.08 | 252 | 283152m  | 16.622 | ng |      |
| 90) Benzo(a)pyrene         | 15.42 | 252 | 677967   | 42.476 | ng | 99   |
| 91) Dibenzo(a,h)anthracene | 16.94 | 278 | 107590   | 7.344  | ng | # 90 |
| 92) Benzo(a,h,i)perylene   | 17.39 | 276 | 346763   | 23.999 | ng | 99   |

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

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