

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
 Data File : BF125003.D  
 Acq On : 9 Aug 2021 14:40  
 Operator : JU/CG  
 Sample : M3293-01DL 10X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 289DL

Manual Integrations  
 APPROVED

mohammad  
 8/10/2021 4:34:42 PM

Quant Time: Aug 09 15:05:37 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 09 11:03:44 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.816  | 152  | 6445     | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.104  | 136  | 24877    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.857  | 164  | 17259    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.345 | 188  | 20691    | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.980 | 240  | 12656    | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.433 | 264  | 14076    | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 3423     | 8.700  | ng    | -0.01    |
| 7) Phenol-d6                | 6.445  | 99   | 4205     | 8.476  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.375  | 82   | 2982     | 6.271  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.645 | 330  | 927      | 6.012  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.175  | 172  | 5785     | 4.905  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.927 | 244  | 5265     | 7.017  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 52) Acenaphthene            | 9.892  | 154  | 4405     | 4.675  | ng    | 92       |
| 55) Dibenzofuran            | 10.063 | 168  | 4046     | 2.748  | ng    | 97       |
| 58) Fluorene                | 10.404 | 166  | 4732     | 4.191  | ng    | # 85     |
| 71) Phenanthrene            | 11.374 | 178  | 35305    | 31.455 | ng    | 97       |
| 72) Anthracene              | 11.421 | 178  | 9684     | 8.601  | ng    | 98       |
| 73) Carbazole               | 11.574 | 167  | 3834     | 3.713  | ng    | # 85     |
| 75) Fluoranthene            | 12.563 | 202  | 27562    | 23.737 | ng    | 97       |
| 78) Pyrene                  | 12.792 | 202  | 21047    | 21.113 | ng    | 94       |
| 81) Benzo(a)anthracene      | 13.974 | 228  | 8680     | 10.524 | ng    | 97       |
| 83) Chrysene                | 14.009 | 228  | 7124     | 8.935  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.880 | 276  | 4142     | 4.941  | ng    | # 83     |
| 88) Benzo(b)fluoranthene    | 15.015 | 252  | 8817m    | 8.921  | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.039 | 252  | 3339m    | 3.714  | ng    |          |
| 90) Benzo(a)pyrene          | 15.374 | 252  | 6065     | 7.206  | ng    | 95       |
| 92) Benzo(g,h,i)perylene    | 17.315 | 276  | 3652     | 5.166  | ng    | # 88     |
| -----                       |        |      |          |        |       |          |

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

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