

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\  
 Data File : BF114176.D  
 Acq On : 12 May 2019 1:45  
 Operator : JU/SJ  
 Sample : K2765-21  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS006-0002-02

Manual Integrations  
 APPROVED

Sohil  
 5/13/2019 8:36:06 PM

Quant Time: May 13 08:59:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 15:56:46 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 285907   | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 1087392  | 20.00   | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.88  | 164  | 550256   | 20.00   | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.37 | 188  | 1054048  | 20.00   | ng    | 0.00     |
| 76) Chrysene-d12            | 14.02 | 240  | 579624   | 20.00   | ng    | 0.00     |
| 87) Perylene-d12            | 15.50 | 264  | 754197   | 20.00   | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.48  | 112  | 1904580  | 107.20  | ng    | 0.00     |
| 7) Phenol-d6                | 6.49  | 99   | 2403401  | 114.38  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 1564717  | 80.75   | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 554741   | 97.52   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 2144489  | 58.95   | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.96 | 244  | 1769171  | 62.92   | ng    | 0.00     |
| Target Compounds            |       |      |          |         |       |          |
| 31) Naphthalene             | 8.15  | 128  | 947701   | 18.658  | ng    | 98       |
| 37) 2-Methylnaphthalene     | 8.85  | 142  | 444579   | 13.566  | ng    | 96       |
| 38) 1-Methylnaphthalene     | 8.94  | 142  | 282704   | 9.160   | ng    | 98       |
| 46) 1,1'-Biphenyl           | 9.30  | 154  | 176820   | 3.978   | ng    | 96       |
| 49) Acenaphthylene          | 9.75  | 152  | 1484057  | 27.274  | ng    | 99       |
| 50) Dimethylphthalate       | 9.60  | 163  | 477917   | 11.831  | ng    | 99       |
| 58) Fluorene                | 10.43 | 166  | 197567   | 5.224   | ng    | 97       |
| 71) Phenanthrene            | 11.40 | 178  | 4410182  | 86.001  | ng    | 95       |
| 72) Anthracene              | 11.45 | 178  | 935509   | 18.163  | ng    | 99       |
| 75) Fluoranthene            | 12.60 | 202  | 5530839  | 100.155 | ng    | 93       |
| 78) Pyrene                  | 12.84 | 202  | 8857595m | 189.963 | ng    |          |
| 81) Benzo(a)anthracene      | 14.02 | 228  | 4061251  | 108.330 | ng    | # 81     |
| 83) Chrysene                | 14.06 | 228  | 4388140  | 119.403 | ng    | 95       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.98 | 276  | 2299251  | 70.791  | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 15.08 | 252  | 5275793m | 109.189 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.10 | 252  | 1165699m | 26.263  | ng    |          |
| 90) Benzo(a)pyrene          | 15.44 | 252  | 3598310  | 84.618  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene  | 16.98 | 278  | 636016m  | 17.999  | ng    |          |
| 92) Benzo(a,h,i)perylene    | 17.43 | 276  | 2584372  | 72.981  | ng    | 99       |

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

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