

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\  
 Data File : BF119747.D  
 Acq On : 4 Apr 2020 6:14  
 Operator : MA/SJ  
 Sample : L2129-16  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4

Manual Integrations  
 APPROVED

mohammad  
 4/6/2020 1:39:13 PM

Quant Time: Apr 04 06:53:11 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 01 11:59:45 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 198291   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.09  | 136  | 742730   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 9.85  | 164  | 358754   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.33 | 188  | 597746   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 13.97 | 240  | 384544   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.43 | 264  | 398724   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.43  | 112  | 1947899  | 156.38 | ng    | 0.01     |
| 7) Phenol-d6                | 6.44  | 99   | 2510091  | 157.75 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 1554979  | 113.78 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.64 | 330  | 594737   | 160.69 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 2485858  | 102.65 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.93 | 244  | 2018806  | 102.86 | ng    | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 50) Dimethylphthalate      | 9.56  | 163  | 374566   | 14.699 | ng    | 100    |
| 71) Phenanthrene           | 11.36 | 178  | 282647   | 9.119  | ng    | 97     |
| 75) Fluoranthene           | 12.54 | 202  | 369861   | 11.026 | ng    | 97     |
| 78) Pyrene                 | 12.77 | 202  | 343616   | 10.888 | ng    | 98     |
| 81) Benzo(a)anthracene     | 13.96 | 228  | 144917   | 5.795  | ng    | 99     |
| 83) Chrysene               | 14.00 | 228  | 165521   | 6.414  | ng    | 97     |
| 86) Indeno(1,2,3-cd)pyrene | 16.86 | 276  | 82887    | 3.410  | ng    | 95     |
| 88) Benzo(b)fluoranthene   | 15.00 | 252  | 210560m  | 7.905  | ng    |        |
| 89) Benzo(k)fluoranthene   | 15.03 | 252  | 60388m   | 2.381  | ng    |        |
| 90) Benzo(a)pyrene         | 15.36 | 252  | 142818   | 5.900  | ng    | 97     |
| 92) Benzo(g,h,i)perylene   | 17.29 | 276  | 83295    | 3.916  | ng    | 97     |

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

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