

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\  
 Data File : BF114252.D  
 Acq On : 14 May 2019 9:49  
 Operator : JU/SJ  
 Sample : K2764-11DL 5X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 14 11:55:39 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  | 237621   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 923421   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.89  | 164  | 433617   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.38 | 188  | 844109   | 20.00 | ng    | 0.01     |
| 76) Chrysene-d12          | 14.03 | 240  | 547735   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.53 | 264  | 596977   | 20.00 | ng    | 0.02     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.48  | 112  | 343909   | 23.29 | ng    | 0.00     |
| 7) Phenol-d6                | 6.50  | 99   | 472027   | 27.03 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 265357   | 16.13 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.68 | 330  | 97357    | 21.72 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.21  | 172  | 445014   | 15.52 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.96 | 244  | 407799   | 15.35 | ng    | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 31) Naphthalene            | 8.16  | 128  | 116736   | 2.706  | ng    | 97     |
| 49) Acenaphthylene         | 9.75  | 152  | 265202   | 6.185  | ng    | 98     |
| 50) Dimethylphthalate      | 9.60  | 163  | 72299    | 2.271  | ng    | 98     |
| 71) Phenanthrene           | 11.40 | 178  | 889343   | 21.656 | ng    | 97     |
| 72) Anthracene             | 11.45 | 178  | 154623   | 3.749  | ng    | 98     |
| 75) Fluoranthene           | 12.60 | 202  | 1422621  | 32.169 | ng    | 99     |
| 78) Pyrene                 | 12.83 | 202  | 2364741  | 53.668 | ng    | 99     |
| 81) Benzo(a)anthracene     | 14.02 | 228  | 832379m  | 23.495 | ng    |        |
| 83) Chrysene               | 14.06 | 228  | 958899   | 27.611 | ng    | 98     |
| 86) Indeno(1,2,3-cd)pyrene | 17.01 | 276  | 378914   | 12.345 | ng    | 96     |
| 88) Benzo(b)fluoranthene   | 15.10 | 252  | 931446m  | 24.354 | ng    |        |
| 89) Benzo(k)fluoranthene   | 15.11 | 252  | 315249m  | 8.973  | ng    |        |
| 90) Benzo(a)pyrene         | 15.46 | 252  | 590363   | 17.539 | ng    | 99     |
| 91) Dibenzo(a,h)anthracene | 17.02 | 278  | 104283m  | 3.728  | ng    |        |
| 92) Benzo(a,h,i)perylene   | 17.46 | 276  | 410645   | 14.650 | ng    | 97     |

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

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