

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\  
 Data File : BP001141.D  
 Acq On : 02 Dec 2019 22:42  
 Operator : JU  
 Sample : K5959-07DL 10X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Dec 03 01:21:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 27 17:38:46 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.33  | 152  | 142091   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.36 | 136  | 544758   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 13.23 | 164  | 302981   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 15.63 | 188  | 563736   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 19.27 | 240  | 420187   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 21.06 | 264  | 470564   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 6.22  | 112  | 108649   | 12.69 | ng    | 0.00     |
| 7) Phenol-d6                | 7.76  | 99   | 151734   | 13.30 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 92849    | 7.39  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 14.52 | 330  | 29213    | 10.06 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.14 | 172  | 166595   | 8.05  | ng    | -0.01    |
| 79) Terphenyl-d14           | 17.91 | 244  | 176142   | 7.76  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 49) Acenaphthylene             | 12.99 | 152  | 64282    | 2.293  | ng    | 96     |
| 71) Phenanthrene               | 15.66 | 178  | 560197   | 18.902 | ng    | 100    |
| 72) Anthracene                 | 15.74 | 178  | 157691   | 5.398  | ng    | 97     |
| 75) Fluoranthene               | 17.37 | 202  | 943381   | 30.067 | ng    | 100    |
| 78) Pyrene                     | 17.69 | 202  | 1397897  | 42.239 | ng    | 100    |
| 81) Benzo(a)anthracene         | 19.26 | 228  | 683616   | 23.465 | ng    | 98     |
| 83) Chrysene                   | 19.31 | 228  | 709726   | 27.205 | ng    | 98     |
| 84) Bis(2-ethylhexyl)phthalate | 19.32 | 149  | 377271   | 17.951 | ng    | 98     |
| 86) Indeno(1,2,3-cd)pyrene     | 22.70 | 276  | 213074   | 6.930  | ng    | 97     |
| 88) Benzo(b)fluoranthene       | 20.57 | 252  | 575055m  | 20.008 | ng    |        |
| 89) Benzo(k)fluoranthene       | 20.59 | 252  | 173120m  | 6.254  | ng    |        |
| 90) Benzo(a)pyrene             | 20.98 | 252  | 471163   | 17.797 | ng    | 98     |
| 91) Dibenzo(a,h)anthracene     | 22.72 | 278  | 68311    | 2.637  | ng    | 93     |
| 92) Benzo(g,h,i)perylene       | 23.19 | 276  | 208380   | 8.145  | ng    | 95     |

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

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