

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\  
 Data File : BN005030.D  
 Acq On : 29 Mar 2019 12:54  
 Operator : JU/SJ  
 Sample : PB118091BL  
 Misc : 8270D extract  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB118091BL

Quant Time: Mar 30 00:15:18 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 29 03:42:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 166425   | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.44 | 136  | 688010   | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.30 | 164  | 404098   | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.06 | 188  | 957863   | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.26 | 240  | 944619   | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.49 | 264  | 893186   | 0.40 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.25  | 112  | 977980   | 2.35 | ng    | 0.00     |
| 5) Phenol-d6                | 6.83  | 99   | 1244551  | 2.53 | ng    | -0.02    |
| 8) Nitrobenzene-d5          | 8.82  | 82   | 693934   | 1.74 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.06 | 152  | 68       | 0.00 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol    | 15.80 | 330  | 664773   | 2.93 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 12.92 | 172  | 2033098  | 1.33 | ng    | 0.00     |
| 25) Fluoranthene-d10        | 19.11 | 212  | 10       | 0.00 | ng    | 0.01     |
| 29) Terphenyl-d14           | 19.69 | 244  | 2762021  | 1.42 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 3) n-Nitrosodimethylamine      | 3.56  | 42   | 13       | 0.000 | ng    | # 1    |
| 6) bis(2-Chloroethyl)ether     | 7.19  | 93   | 1470     | 0.003 | ng    | # 1    |
| 9) Naphthalene                 | 10.49 | 128  | 30       | 0.000 | ng    | # 1    |
| 10) Hexachlorobutadiene        | 10.80 | 225  | 4        | 0.000 | ng    | # 18   |
| 12) 2-Methylnaphthalene        | 12.12 | 142  | 2        | 0.000 | ng    | # 49   |
| 16) Acenaphthylene             | 14.03 | 152  | 19       | 0.000 | ng    | # 68   |
| 17) Acenaphthene               | 14.37 | 154  | 69       | 0.000 | ng    | # 96   |
| 18) Fluorene                   | 15.36 | 166  | 23       | 0.000 | ng    | # 64   |
| 20) 4-Bromophenyl-phenylether  | 16.25 | 248  | 7        | 0.000 | ng    | # 37   |
| 21) Hexachlorobenzene          | 16.36 | 284  | 2        | 0.000 | ng    | # 1    |
| 23) Phenanthrene               | 17.10 | 178  | 181      | 0.000 | ng    | # 68   |
| 24) Anthracene                 | 17.21 | 178  | 34       | 0.000 | ng    | # 75   |
| 26) Fluoranthene               | 19.14 | 202  | 186      | 0.000 | ng    | # 96   |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149  | 161      | 0.000 | ng    | # 90   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.80 | 276  | 36       | 0.000 | ng    | # 96   |
| 35) Benzo(b)fluoranthene       | 22.83 | 252  | 383      | 0.000 | ng    | # 1    |
| 36) Benzo(k)fluoranthene       | 22.87 | 252  | 296      | 0.000 | ng    | # 1    |
| 37) Benzo(a)pyrene             | 23.39 | 252  | 201      | 0.000 | ng    | # 1    |
| 38) Dibenzo(a,h)anthracene     | 25.81 | 278  | 53       | 0.000 | ng    | # 1    |
| 39) Benzo(g,h,i)perylene       | 26.49 | 276  | 558      | 0.000 | ng    | # 41   |

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

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