

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062619\  
 Data File : BE100191.D  
 Acq On : 26 Jun 2019 12:43  
 Operator : JU/SJ  
 Sample : PB120737BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB120737BS

Quant Time: Jun 27 04:43:36 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 25 15:40:27 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 558      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.47 | 136  | 1909     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.34 | 164  | 1453     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.09 | 188  | 4451     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.28 | 240  | 7222     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.72 | 264  | 7942     | 0.40 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.24  | 112  | 502      | 0.40 | ng    | 0.00     |
| 5) Phenol-d6                | 6.86  | 99   | 663      | 0.39 | ng    | -0.01    |
| 8) Nitrobenzene-d5          | 8.85  | 82   | 754      | 0.40 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.08 | 152  | 1415     | 0.40 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.85 | 330  | 313      | 0.37 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.97 | 172  | 2434     | 0.42 | ng    | 0.00     |
| 25) Fluoranthene-d10        | 19.13 | 212  | 24938    | 0.39 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.73 | 244  | 5056     | 0.36 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.12  | 88   | 333      | 0.381 | ng    | # 86   |
| 3) n-Nitrosodimethylamine      | 3.51  | 42   | 103      | 0.319 | ng    | # 28   |
| 6) bis(2-Chloroethyl)ether     | 7.11  | 93   | 454      | 0.291 | ng    | # 89   |
| 9) Naphthalene                 | 10.51 | 128  | 8850     | 0.425 | ng    | 98     |
| 10) Hexachlorobutadiene        | 10.78 | 225  | 863      | 0.401 | ng    | 99     |
| 12) 2-Methylnaphthalene        | 12.15 | 142  | 1390     | 0.414 | ng    | 97     |
| 16) Acenaphthylene             | 14.07 | 152  | 2927     | 0.413 | ng    | 98     |
| 17) Acenaphthene               | 14.41 | 154  | 1573     | 0.396 | ng    | 93     |
| 18) Fluorene                   | 15.39 | 166  | 2406     | 0.419 | ng    | 99     |
| 20) 4-Bromophenyl-phenylether  | 16.29 | 248  | 1095     | 0.396 | ng    | 96     |
| 21) Hexachlorobenzene          | 16.40 | 284  | 1286     | 0.424 | ng    | 99     |
| 22) Pentachlorophenol          | 16.75 | 266  | 2286     | 2.511 | ng    | # 79   |
| 23) Phenanthrene               | 17.13 | 178  | 4577     | 0.434 | ng    | 99     |
| 24) Anthracene                 | 17.23 | 178  | 3628     | 0.407 | ng    | 99     |
| 26) Fluoranthene               | 19.16 | 202  | 7257     | 0.423 | ng    | 99     |
| 28) Pyrene                     | 19.52 | 202  | 7253     | 0.392 | ng    | 99     |
| 30) Benzo(a)anthracene         | 21.26 | 228  | 8340     | 0.392 | ng    | 97     |
| 31) Chrysene                   | 21.32 | 228  | 9205     | 0.369 | ng    | 100    |
| 32) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 6717     | 0.274 | ng    | # 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.30 | 276  | 11659    | 0.328 | ng    | # 94   |
| 35) Benzo(b)fluoranthene       | 22.97 | 252  | 9294     | 0.435 | ng    | # 96   |
| 36) Benzo(k)fluoranthene       | 23.02 | 252  | 10471    | 0.410 | ng    | 99     |
| 37) Benzo(a)pyrene             | 23.61 | 252  | 9616     | 0.434 | ng    | # 90   |
| 38) Dibenzo(a,h)anthracene     | 26.33 | 278  | 9102     | 0.384 | ng    | 98     |
| 39) Benzo(g,h,i)perylene       | 27.09 | 276  | 9553     | 0.386 | ng    | 98     |

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

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