

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE101618\  
 Data File : BE097905.D  
 Acq On : 16 Oct 2018 11:16  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Oct 16 15:40:40 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE101618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 16 15:36:44 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.89  | 152  | 2110     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.69 | 136  | 9348     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.56 | 164  | 5967     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.30 | 188  | 15570    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.49 | 240  | 19787    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.04 | 264  | 19990    | 0.40 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.47  | 112  | 2573     | 0.39 | ng    | 0.00     |
| 5) Phenol-d6                | 7.06  | 99   | 3921     | 0.40 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.04  | 82   | 3327     | 0.38 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.30 | 152  | 6104     | 0.39 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.05 | 330  | 1168     | 0.36 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.17 | 172  | 9221     | 0.38 | ng    | 0.00     |
| 25) Fluoranthene-d10        | 19.33 | 212  | 79174    | 0.38 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.93 | 244  | 30024    | 0.66 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.38  | 88   | 1298     | 0.353 | ng    | 95     |
| 3) n-Nitrosodimethylamine      | 3.69  | 42   | 1487     | 0.362 | ng    | # 91   |
| 6) bis(2-Chloroethyl)ether     | 7.30  | 93   | 3143     | 0.376 | ng    | 98     |
| 9) Naphthalene                 | 10.74 | 128  | 36673    | 0.394 | ng    | 100    |
| 10) Hexachlorobutadiene        | 11.03 | 225  | 1965     | 0.392 | ng    | 97     |
| 12) 2-Methylnaphthalene        | 12.37 | 142  | 6235     | 0.391 | ng    | 97     |
| 16) Acenaphthylene             | 14.27 | 152  | 10489    | 0.380 | ng    | 99     |
| 17) Acenaphthene               | 14.61 | 154  | 6575     | 0.390 | ng    | 98     |
| 18) Fluorene                   | 15.59 | 166  | 8684     | 0.375 | ng    | 100    |
| 20) 4-Bromophenyl-phenylether  | 16.49 | 248  | 3269     | 0.384 | ng    | 97     |
| 21) Hexachlorobenzene          | 16.60 | 284  | 3238     | 0.387 | ng    | 99     |
| 22) Pentachlorophenol          | 16.97 | 266  | 1010     | 0.483 | ng    | 96     |
| 23) Phenanthrene               | 17.34 | 178  | 14674    | 0.371 | ng    | 99     |
| 24) Anthracene                 | 17.43 | 178  | 14136    | 0.378 | ng    | 100    |
| 26) Fluoranthene               | 19.36 | 202  | 19411    | 0.374 | ng    | 98     |
| 28) Pyrene                     | 19.72 | 202  | 20987    | 0.368 | ng    | 100    |
| 30) Benzo(a)anthracene         | 21.46 | 228  | 23129    | 0.381 | ng    | 99     |
| 31) Chrysene                   | 21.52 | 228  | 21969    | 0.382 | ng    | 99     |
| 32) Bis(2-ethylhexyl)phthalate | 21.39 | 149  | 66808    | 0.502 | ng    | 99     |
| 33) Indeno(1,2,3-cd)pyrene     | 26.75 | 276  | 25632    | 0.406 | ng    | 100    |
| 35) Benzo(b)fluoranthene       | 23.26 | 252  | 21991    | 0.382 | ng    | 98     |
| 36) Benzo(k)fluoranthene       | 23.26 | 252  | 21991    | 0.367 | ng    | 97     |
| 37) Benzo(a)pyrene             | 23.93 | 252  | 21881    | 0.390 | ng    | 96     |
| 38) Dibenzo(a,h)anthracene     | 26.77 | 278  | 21489    | 0.391 | ng    | 99     |
| 39) Benzo(g,h,i)perylene       | 27.58 | 276  | 21514    | 0.382 | ng    | 100    |

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

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