

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111418\  
 Data File : BE098227.D  
 Acq On : 14 Nov 2018 17:50  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Nov 15 03:36:51 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 12 13:32:15 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.86  | 152  | 1381     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.67 | 136  | 6399     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.53 | 164  | 4123     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.28 | 188  | 9570     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.46 | 240  | 10667    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.01 | 264  | 10032    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.46  | 112 | 1563  | 0.40 | ng | 0.00 |
| 5) Phenol-d6                | 7.03  | 99  | 2439  | 0.39 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.02  | 82  | 2618  | 0.41 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 4567  | 0.41 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.02 | 330 | 587   | 0.33 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.15 | 172 | 7039  | 0.41 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.31 | 212 | 47059 | 0.39 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.91 | 244 | 9559  | 0.39 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.37  | 88  | 867   | 0.417  | ng | 89   |
| 3) n-Nitrosodimethylamine      | 3.69  | 42  | 1012  | 0.373  | ng | # 90 |
| 6) bis(2-Chloroethyl)ether     | 7.29  | 93  | 1875  | 0.371  | ng | 98   |
| 9) Naphthalene                 | 10.72 | 128 | 26897 | 0.413  | ng | 99   |
| 10) Hexachlorobutadiene        | 11.00 | 225 | 1553  | 0.384  | ng | 98   |
| 12) 2-Methylnaphthalene        | 12.34 | 142 | 4695  | 0.416  | ng | 93   |
| 16) Acenaphthylene             | 14.26 | 152 | 7964  | 0.421  | ng | 98   |
| 17) Acenaphthene               | 14.59 | 154 | 4779  | 0.414  | ng | 99   |
| 18) Fluorene                   | 15.57 | 166 | 6090  | 0.412  | ng | 100  |
| 20) 4-Bromophenyl-phenylether  | 16.46 | 248 | 2389  | 0.410  | ng | 92   |
| 21) Hexachlorobenzene          | 16.58 | 284 | 2511  | 0.414  | ng | 97   |
| 22) Pentachlorophenol          | 16.94 | 266 | 364   | 0.349  | ng | 98   |
| 23) Phenanthrene               | 17.32 | 178 | 9966  | 0.418  | ng | 99   |
| 24) Anthracene                 | 17.41 | 178 | 8959  | 0.403  | ng | 99   |
| 26) Fluoranthene               | 19.34 | 202 | 11834 | 0.401  | ng | 98   |
| 28) Pyrene                     | 19.70 | 202 | 12183 | 0.415  | ng | 99   |
| 30) Benzo(a)anthracene         | 21.44 | 228 | 12300 | 0.406  | ng | 96   |
| 31) Chrysene                   | 21.50 | 228 | 12786 | 0.415  | ng | 99   |
| 32) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 23763 | 0.378  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 26.71 | 276 | 11930 | 0.423  | ng | # 91 |
| 35) Benzo(b)fluoranthene       | 23.23 | 252 | 11831 | 0.416  | ng | 98   |
| 36) Benzo(k)fluoranthene       | 23.28 | 252 | 12797 | 0.426  | ng | 100  |
| 37) Benzo(a)pyrene             | 23.89 | 252 | 11229 | 0.411  | ng | 98   |
| 38) Dibenzo(a,h)anthracene     | 26.73 | 278 | 9382  | 0.404  | ng | 99   |
| 39) Benzo(g,h,i)perylene       | 27.53 | 276 | 9935  | 0.409  | ng | 97   |

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

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