

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\  
 Data File : BE098646.D  
 Acq On : 17 Jan 2019 9:18  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Jan 17 12:40:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 15 14:30:55 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 971      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.60 | 136  | 4235     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.47 | 164  | 2926     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.23 | 188  | 6928     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.41 | 240  | 7923     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.92 | 264  | 7717     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.40  | 112 | 1015  | 0.39 | ng | 0.00 |
| 5) Phenol-d6                | 7.00  | 99  | 1460  | 0.40 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.97  | 82  | 1426  | 0.42 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 2814  | 0.40 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.97 | 330 | 490   | 0.38 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.09 | 172 | 4265  | 0.36 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.26 | 212 | 32459 | 0.38 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.86 | 244 | 6510  | 0.37 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.31  | 88  | 703   | 0.391  | ng | 93   |
| 3) n-Nitrosodimethylamine      | 3.66  | 42  | 543   | 0.391  | ng | # 91 |
| 6) bis(2-Chloroethyl)ether     | 7.23  | 93  | 963   | 0.345  | ng | # 97 |
| 9) Naphthalene                 | 10.65 | 128 | 16188 | 0.384  | ng | 100  |
| 10) Hexachlorobutadiene        | 10.94 | 225 | 1243  | 0.412  | ng | 98   |
| 12) 2-Methylnaphthalene        | 12.28 | 142 | 2749  | 0.393  | ng | 97   |
| 16) Acenaphthylene             | 14.20 | 152 | 4576  | 0.361  | ng | 99   |
| 17) Acenaphthene               | 14.54 | 154 | 2936  | 0.369  | ng | 98   |
| 18) Fluorene                   | 15.52 | 166 | 3805  | 0.368  | ng | 98   |
| 20) 4-Bromophenyl-phenylether  | 16.41 | 248 | 1397  | 0.381  | ng | 93   |
| 21) Hexachlorobenzene          | 16.53 | 284 | 1690  | 0.382  | ng | 97   |
| 22) Pentachlorophenol          | 16.89 | 266 | 541   | 0.499  | ng | 97   |
| 23) Phenanthrene               | 17.27 | 178 | 5985  | 0.365  | ng | 99   |
| 24) Anthracene                 | 17.36 | 178 | 5044  | 0.359  | ng | 99   |
| 26) Fluoranthene               | 19.29 | 202 | 7870  | 0.373  | ng | 98   |
| 28) Pyrene                     | 19.65 | 202 | 8195  | 0.376  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.39 | 228 | 8255  | 0.388  | ng | 98   |
| 31) Chrysene                   | 21.45 | 228 | 8236  | 0.373  | ng | 99   |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 16237 | 0.359  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 26.57 | 276 | 8698  | 0.382  | ng | 99   |
| 35) Benzo(b)fluoranthene       | 23.15 | 252 | 7865  | 0.374  | ng | 97   |
| 36) Benzo(k)fluoranthene       | 23.20 | 252 | 8647  | 0.376  | ng | 98   |
| 37) Benzo(a)pyrene             | 23.81 | 252 | 7739  | 0.374  | ng | 99   |
| 38) Dibenzo(a,h)anthracene     | 26.59 | 278 | 6997  | 0.382  | ng | 99   |
| 39) Benzo(g,h,i)perylene       | 27.38 | 276 | 7563  | 0.377  | ng | 98   |

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

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