

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\  
 Data File : BE100841.D  
 Acq On : 11 Dec 2019 10:20  
 Operator : JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Dec 11 11:44:49 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 04 17:18:11 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 6078     | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 10.54 | 136  | 30137    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.40 | 164  | 18801    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.12 | 188  | 68503    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.31 | 240  | 67121    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.74 | 264  | 83747    | 0.40 | ng    | -0.01    |

|                             |       |     |        |      |    |       |
|-----------------------------|-------|-----|--------|------|----|-------|
| System Monitoring Compounds |       |     |        |      |    |       |
| 4) 2-Fluorophenol           | 5.36  | 112 | 6542   | 0.45 | ng | -0.01 |
| 5) Phenol-d6                | 6.93  | 99  | 10442  | 0.48 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.90  | 82  | 7407   | 0.52 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.14 | 152 | 17117  | 0.39 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.88 | 330 | 2362   | 1.13 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.02 | 172 | 24949  | 0.33 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.16 | 212 | 289365 | 0.36 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.76 | 244 | 63071  | 0.39 | ng | 0.00  |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.34  | 88  | 3900   | 0.352  | ng | 98   |
| 3) n-Nitrosodimethylamine      | 3.65  | 42  | 3518   | 0.390  | ng | 94   |
| 6) bis(2-Chloroethyl)ether     | 7.18  | 93  | 8336   | 0.396  | ng | 100  |
| 9) Naphthalene                 | 10.59 | 128 | 122332 | 0.382  | ng | 100  |
| 10) Hexachlorobutadiene        | 10.89 | 225 | 4702   | 0.377  | ng | 97   |
| 12) 2-Methylnaphthalene        | 12.21 | 142 | 19754  | 0.395  | ng | 96   |
| 16) Acenaphthylene             | 14.11 | 152 | 29274  | 0.376  | ng | 100  |
| 17) Acenaphthene               | 14.46 | 154 | 20858  | 0.389  | ng | 98   |
| 18) Fluorene                   | 15.42 | 166 | 33631  | 0.487  | ng | 98   |
| 20) 4-Bromophenyl-phenylether  | 16.32 | 248 | 11756  | 0.350  | ng | # 68 |
| 21) Hexachlorobenzene          | 16.44 | 284 | 13279  | 0.364  | ng | 98   |
| 22) Pentachlorophenol          | 16.79 | 266 | 1694   | 0.671  | ng | # 83 |
| 23) Phenanthrene               | 17.16 | 178 | 78676  | 0.379  | ng | 100  |
| 24) Anthracene                 | 17.25 | 178 | 66309  | 0.382  | ng | 99   |
| 26) Fluoranthene               | 19.18 | 202 | 90004  | 0.363  | ng | 100  |
| 28) Pyrene                     | 19.55 | 202 | 88659  | 0.407  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.28 | 228 | 83331  | 0.421  | ng | 97   |
| 31) Chrysene                   | 21.34 | 228 | 87517  | 0.376  | ng | 97   |
| 32) Bis(2-ethylhexyl)phthalate | 21.23 | 149 | 92542  | 0.655  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 26.32 | 276 | 92445  | 0.456  | ng | 99   |
| 35) Benzo(b)fluoranthene       | 23.00 | 252 | 79640  | 0.347  | ng | 98   |
| 36) Benzo(k)fluoranthene       | 23.05 | 252 | 92150  | 0.358  | ng | 99   |
| 37) Benzo(a)pyrene             | 23.63 | 252 | 70184  | 0.354  | ng | 98   |
| 38) Dibenzo(a,h)anthracene     | 26.34 | 278 | 75112  | 0.380  | ng | 99   |
| 39) Benzo(g,h,i)perylene       | 27.10 | 276 | 78021  | 0.369  | ng | 99   |

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

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