

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\  
 Data File : BN010981.D  
 Acq On : 19 Jun 2020 21:46  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jun 20 06:17:19 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 19 12:43:49 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.53  | 152  | 2090     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.28 | 136  | 7248     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.16 | 164  | 4050     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.90 | 188  | 8337     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.11 | 240  | 7528     | 0.40 | ng    | -0.01    |
| 34) Perylene-d12          | 23.26 | 264  | 8034     | 0.40 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 5.18  | 112 | 1890 | 0.47 | ng | 0.00 |
| 5) Phenol-d6                | 6.73  | 99  | 2167 | 0.46 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.67  | 82  | 2320 | 0.43 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.88 | 152 | 4564 | 0.41 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.66 | 330 | 598  | 0.41 | ng | 0.01 |
| 15) 2-Fluorobiphenyl        | 12.78 | 172 | 6522 | 0.41 | ng | 0.00 |
| 25) Fluoranthene-d10        | 18.94 | 212 | 9312 | 0.40 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.56 | 244 | 7278 | 0.41 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.21  | 88  | 978   | 0.478  | ng | 97   |
| 3) n-Nitrosodimethylamine      | 3.54  | 42  | 602   | 0.506  | ng | # 95 |
| 6) bis(2-Chloroethyl)ether     | 6.98  | 93  | 2194  | 0.473  | ng | 94   |
| 9) Naphthalene                 | 10.33 | 128 | 7592  | 0.417  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.62 | 225 | 1797  | 0.399  | ng | # 98 |
| 12) 2-Methylnaphthalene        | 11.95 | 142 | 5018  | 0.412  | ng | 99   |
| 16) Acenaphthylene             | 13.87 | 152 | 6786  | 0.409  | ng | 99   |
| 17) Acenaphthene               | 14.21 | 154 | 4592  | 0.406  | ng | 99   |
| 18) Fluorene                   | 15.22 | 166 | 6150  | 0.421  | ng | 99   |
| 20) 4-Bromophenyl-phenylether  | 16.11 | 248 | 1966  | 0.392  | ng | 98   |
| 21) Hexachlorobenzene          | 16.22 | 284 | 2043  | 0.391  | ng | 98   |
| 22) Pentachlorophenol          | 16.57 | 266 | 693   | 0.395  | ng | 97   |
| 23) Phenanthrene               | 16.94 | 178 | 9194  | 0.404  | ng | 100  |
| 24) Anthracene                 | 17.04 | 178 | 7641  | 0.402  | ng | 100  |
| 26) Fluoranthene               | 18.97 | 202 | 10385 | 0.402  | ng | 99   |
| 28) Pyrene                     | 19.34 | 202 | 10382 | 0.417  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.10 | 228 | 8925  | 0.403  | ng | 100  |
| 31) Chrysene                   | 21.15 | 228 | 10827 | 0.420  | ng | 98   |
| 32) Bis(2-ethylhexyl)phthalate | 21.06 | 149 | 3548  | 0.481  | ng | 97   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.36 | 276 | 12819 | 0.445  | ng | # 97 |
| 35) Benzo(b)fluoranthene       | 22.63 | 252 | 10349 | 0.379  | ng | 99   |
| 36) Benzo(k)fluoranthene       | 22.67 | 252 | 11309 | 0.389  | ng | 99   |
| 37) Benzo(a)pyrene             | 23.17 | 252 | 9364  | 0.400  | ng | 98   |
| 38) Dibenzo(a,h)anthracene     | 25.37 | 278 | 10321 | 0.386  | ng | 98   |
| 39) Benzo(g,h,i)perylene       | 26.00 | 276 | 10771 | 0.386  | ng | 99   |

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

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