

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN081019\  
 Data File : BN007073.D  
 Acq On : 11 Aug 2019 06:11  
 Operator : HP/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Aug 11 06:45:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN081019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 10 21:44:50 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 8458     | 0.40 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.19 | 136  | 31781    | 0.40 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.08 | 164  | 18362    | 0.40 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 16.82 | 188  | 44519    | 0.40 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.03 | 240  | 46239    | 0.40 | ng    | -0.02    |
| 32) Perylene-d12          | 23.15 | 264  | 47330    | 0.40 | ng    | -0.02    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 3) 2-Fluorophenol           | 5.06  | 112 | 7825  | 0.39 | ng | 0.00  |
| 4) Phenol-d6                | 6.61  | 99  | 9746  | 0.39 | ng | 0.00  |
| 7) Nitrobenzene-d5          | 8.56  | 82  | 9260  | 0.36 | ng | 0.00  |
| 10) 2-Methylnaphthalene-d10 | 11.79 | 152 | 22012 | 0.37 | ng | 0.00  |
| 13) 2,4,6-Tribromophenol    | 15.57 | 330 | 2812  | 0.28 | ng | 0.00  |
| 14) 2-Fluorobiphenyl        | 12.71 | 172 | 8109  | 0.30 | ng | 0.00  |
| 24) Fluoranthene-d10        | 18.87 | 212 | 55914 | 0.35 | ng | 0.00  |
| 28) Terphenyl-d14           | 19.49 | 244 | 48575 | 0.39 | ng | -0.01 |

|                               |       |     |       |        |    |      |
|-------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds              |       |     |       | Qvalue |    |      |
| 2) n-Nitrosodimethylamine     | 3.36  | 42  | 2038  | 0.366  | ng | # 89 |
| 5) bis(2-Chloroethyl)ether    | 6.87  | 93  | 8790  | 0.395  | ng | 100  |
| 8) Naphthalene                | 10.24 | 128 | 33341 | 0.374  | ng | 98   |
| 9) Hexachlorobutadiene        | 10.54 | 225 | 7149  | 0.376  | ng | # 99 |
| 11) 2-Methylnaphthalene       | 11.87 | 142 | 23585 | 0.374  | ng | 98   |
| 15) Acenaphthylene            | 13.79 | 152 | 35890 | 0.374  | ng | 100  |
| 16) Acenaphthene              | 14.13 | 154 | 23170 | 0.377  | ng | 100  |
| 17) Fluorene                  | 15.14 | 166 | 29922 | 0.325  | ng | 100  |
| 19) 4-Bromophenyl-phenylether | 16.04 | 248 | 10896 | 0.396  | ng | # 92 |
| 20) Hexachlorobenzene         | 16.14 | 284 | 10915 | 0.412  | ng | 100  |
| 21) Pentachlorophenol         | 16.48 | 266 | 3262  | 0.331  | ng | 97   |
| 22) Phenanthrene              | 16.87 | 178 | 51950 | 0.389  | ng | 100  |
| 23) Anthracene                | 16.95 | 178 | 45136 | 0.370  | ng | 99   |
| 25) Fluoranthene              | 18.90 | 202 | 61857 | 0.362  | ng | 100  |
| 27) Pyrene                    | 19.26 | 202 | 62170 | 0.383  | ng | 100  |
| 29) Benzo(a)anthracene        | 21.02 | 228 | 63262 | 0.374  | ng | 99   |
| 30) Chrysene                  | 21.08 | 228 | 64844 | 0.395  | ng | 99   |
| 31) Indeno(1,2,3-cd)pyrene    | 25.23 | 276 | 69785 | 0.385  | ng | 100  |
| 33) Benzo(b)fluoranthene      | 22.53 | 252 | 61959 | 0.382  | ng | 100  |
| 34) Benzo(k)fluoranthene      | 22.57 | 252 | 61802 | 0.386  | ng | 99   |
| 35) Benzo(a)pyrene            | 23.06 | 252 | 55293 | 0.376  | ng | 99   |
| 36) Dibenzo(a,h)anthracene    | 25.25 | 278 | 57375 | 0.391  | ng | 100  |
| 37) Benzo(g,h,i)perylene      | 25.85 | 276 | 57900 | 0.383  | ng | 100  |

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

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