

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\  
 Data File : BE100772.D  
 Acq On : 4 Dec 2019 12:37  
 Operator : JU  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

Quant Time: Dec 04 15:59:00 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 14:31:40 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 5480     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.54 | 136  | 24180    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.40 | 164  | 12337    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.13 | 188  | 30592    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.31 | 240  | 28463    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.77 | 264  | 34865    | 0.40 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.37  | 112  | 1325     | 0.09 | ng    | 0.00     |
| 5) Phenol-d6                | 6.93  | 99   | 1908     | 0.09 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.90  | 82   | 1058     | 0.14 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.14 | 152  | 3425     | 0.10 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.88 | 330  | 134      | 0.08 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.03 | 172  | 5280     | 0.11 | ng    | 0.00     |
| 25) Fluoranthene-d10        | 19.16 | 212  | 31231    | 0.08 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.77 | 244  | 6751     | 0.10 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.35  | 88   | 1256     | 0.122 | ng    | 89     |
| 6) bis(2-Chloroethyl)ether     | 7.19  | 93   | 1893     | 0.105 | ng    | 94     |
| 9) Naphthalene                 | 10.59 | 128  | 26455    | 0.103 | ng    | 100    |
| 10) Hexachlorobutadiene        | 10.89 | 225  | 1043     | 0.106 | ng    | 95     |
| 12) 2-Methylnaphthalene        | 12.21 | 142  | 3870     | 0.095 | ng    | 98     |
| 16) Acenaphthylene             | 14.11 | 152  | 4907     | 0.092 | ng    | 99     |
| 17) Acenaphthene               | 14.46 | 154  | 3446     | 0.097 | ng    | 99     |
| 18) Fluorene                   | 15.43 | 166  | 4301     | 0.095 | ng    | 99     |
| 20) 4-Bromophenyl-phenylether  | 16.33 | 248  | 1370     | 0.091 | ng    | # 89   |
| 21) Hexachlorobenzene          | 16.44 | 284  | 1570     | 0.100 | ng    | 96     |
| 23) Phenanthrene               | 17.17 | 178  | 8913     | 0.097 | ng    | 99     |
| 24) Anthracene                 | 17.26 | 178  | 6904     | 0.087 | ng    | 99     |
| 26) Fluoranthene               | 19.19 | 202  | 8932     | 0.079 | ng    | 100    |
| 28) Pyrene                     | 19.55 | 202  | 9453     | 0.107 | ng    | 98     |
| 30) Benzo(a)anthracene         | 21.29 | 228  | 7837     | 0.082 | ng    | 97     |
| 31) Chrysene                   | 21.34 | 228  | 9896     | 0.101 | ng    | 99     |
| 32) Bis(2-ethylhexyl)phthalate | 21.24 | 149  | 8970     | 0.052 | ng    | 99     |
| 33) Indeno(1,2,3-cd)pyrene     | 26.34 | 276  | 8089     | 0.079 | ng    | # 86   |
| 35) Benzo(b)fluoranthene       | 23.01 | 252  | 8513     | 0.078 | ng    | # 93   |
| 36) Benzo(k)fluoranthene       | 23.06 | 252  | 8979     | 0.079 | ng    | # 92   |
| 37) Benzo(a)pyrene             | 23.65 | 252  | 6905     | 0.072 | ng    | # 91   |
| 38) Dibenzo(a,h)anthracene     | 26.37 | 278  | 6295     | 0.062 | ng    | # 93   |
| 39) Benzo(g,h,i)perylene       | 27.12 | 276  | 7813     | 0.074 | ng    | 95     |

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

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