

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111618\  
 Data File : BE098233.D  
 Acq On : 16 Nov 2018 17:16  
 Operator : SJ/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Nov 16 17:47:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 16 17:10:30 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.86  | 152  | 1356     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.67 | 136  | 6791     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.53 | 164  | 4345     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.28 | 188  | 9954     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.46 | 240  | 10763    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.02 | 264  | 10058    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.45  | 112 | 2790  | 0.73 | ng | -0.01 |
| 5) Phenol-d6                | 7.03  | 99  | 4507  | 0.73 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 9.02  | 82  | 4934  | 0.73 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 9189  | 0.77 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 16.02 | 330 | 1166  | 0.62 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 13.15 | 172 | 14162 | 0.78 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.31 | 212 | 94271 | 0.76 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.91 | 244 | 19016 | 0.78 | ng | 0.00  |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.37  | 88  | 1722  | 0.781  | ng | 89   |
| 3) n-Nitrosodimethylamine      | 3.68  | 42  | 1970  | 0.740  | ng | # 85 |
| 6) bis(2-Chloroethyl)ether     | 7.29  | 93  | 3838  | 0.773  | ng | 100  |
| 9) Naphthalene                 | 10.72 | 128 | 53195 | 0.770  | ng | 99   |
| 10) Hexachlorobutadiene        | 11.00 | 225 | 3086  | 0.719  | ng | 98   |
| 12) 2-Methylnaphthalene        | 12.34 | 142 | 9513  | 0.794  | ng | 92   |
| 16) Acenaphthylene             | 14.26 | 152 | 16228 | 0.815  | ng | 99   |
| 17) Acenaphthene               | 14.60 | 154 | 9679  | 0.796  | ng | 99   |
| 18) Fluorene                   | 15.57 | 166 | 12301 | 0.790  | ng | 100  |
| 20) 4-Bromophenyl-phenylether  | 16.47 | 248 | 4861  | 0.801  | ng | 91   |
| 21) Hexachlorobenzene          | 16.58 | 284 | 4878  | 0.773  | ng | 98   |
| 22) Pentachlorophenol          | 16.94 | 266 | 761   | 0.694  | ng | 93   |
| 23) Phenanthrene               | 17.32 | 178 | 19763 | 0.797  | ng | 100  |
| 24) Anthracene                 | 17.41 | 178 | 18432 | 0.798  | ng | 98   |
| 26) Fluoranthene               | 19.34 | 202 | 23993 | 0.782  | ng | 98   |
| 28) Pyrene                     | 19.70 | 202 | 24538 | 0.828  | ng | 99   |
| 30) Benzo(a)anthracene         | 21.45 | 228 | 24145 | 0.790  | ng | 99   |
| 31) Chrysene                   | 21.50 | 228 | 25081 | 0.808  | ng | 98   |
| 32) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 36216 | 0.570  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 26.70 | 276 | 22100 | 0.776  | ng | # 91 |
| 35) Benzo(b)fluoranthene       | 23.23 | 252 | 22288 | 0.781  | ng | 96   |
| 36) Benzo(k)fluoranthene       | 23.28 | 252 | 24728 | 0.821  | ng | 100  |
| 37) Benzo(a)pyrene             | 23.90 | 252 | 21764 | 0.795  | ng | 98   |
| 38) Dibenzo(a,h)anthracene     | 26.74 | 278 | 17575 | 0.754  | ng | # 92 |
| 39) Benzo(g,h,i)perylene       | 27.53 | 276 | 19147 | 0.787  | ng | 97   |

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

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