

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\  
 Data File : BE096827.D  
 Acq On : 20 Jun 2018 9:47  
 Operator : SJ/JU  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

Quant Time: Jun 20 11:46:42 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 20 11:46:39 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.40  | 152  | 2744     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.16 | 136  | 13332    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.03 | 164  | 7146     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.78 | 188  | 19392    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 20.98 | 240  | 14405    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.22 | 264  | 12264    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.06  | 112 | 630   | 0.11 | ng | 0.01 |
| 5) Phenol-d6                | 6.59  | 99  | 857   | 0.10 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.53  | 82  | 753   | 0.10 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.74 | 152 | 1802  | 0.08 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.53 | 330 | 133   | 0.09 | ng | 0.01 |
| 15) 2-Fluorobiphenyl        | 12.64 | 172 | 2583  | 0.09 | ng | 0.00 |
| 25) Fluoranthene-d10        | 18.81 | 212 | 14788 | 0.08 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.43 | 244 | 2772  | 0.08 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.10  | 88  | 392   | 0.088  | ng | # 83 |
| 3) n-Nitrosodimethylamine      | 3.39  | 42  | 331   | 0.071  | ng | # 88 |
| 6) bis(2-Chloroethyl)ether     | 6.85  | 93  | 956   | 0.090  | ng | 96   |
| 9) Naphthalene                 | 10.20 | 128 | 11933 | 0.091  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.50 | 225 | 463   | 0.085  | ng | 94   |
| 12) 2-Methylnaphthalene        | 11.81 | 142 | 1878  | 0.085  | ng | 97   |
| 16) Acenaphthylene             | 13.74 | 152 | 2838  | 0.084  | ng | 99   |
| 17) Acenaphthene               | 14.08 | 154 | 1909  | 0.084  | ng | # 89 |
| 18) Fluorene                   | 15.08 | 166 | 2259  | 0.084  | ng | # 81 |
| 20) 4-Bromophenyl-phenylether  | 15.98 | 248 | 797   | 0.084  | ng | # 80 |
| 21) Hexachlorobenzene          | 16.09 | 284 | 954   | 0.086  | ng | # 79 |
| 22) Pentachlorophenol          | 16.44 | 266 | 125   | 0.072  | ng | 92   |
| 23) Phenanthrene               | 16.81 | 178 | 4592  | 0.087  | ng | 98   |
| 24) Anthracene                 | 16.91 | 178 | 3409  | 0.079  | ng | 96   |
| 26) Fluoranthene               | 18.84 | 202 | 4197  | 0.075  | ng | 99   |
| 28) Pyrene                     | 19.21 | 202 | 4226  | 0.089  | ng | 99   |
| 30) Benzo(a)anthracene         | 20.97 | 228 | 2839  | 0.081  | ng | 96   |
| 31) Chrysene                   | 21.02 | 228 | 3862  | 0.088  | ng | 98   |
| 32) Bis(2-ethylhexyl)phthalate | 20.93 | 149 | 3200  | 0.122  | ng | # 96 |
| 33) Indeno(1,2,3-cd)pyrene     | 25.51 | 276 | 2609  | 0.079  | ng | 95   |
| 35) Benzo(b)fluoranthene       | 22.54 | 252 | 2937  | 0.087  | ng | # 94 |
| 36) Benzo(k)fluoranthene       | 22.59 | 252 | 3004  | 0.075  | ng | # 89 |
| 37) Benzo(a)pyrene             | 23.11 | 252 | 2334  | 0.080  | ng | # 86 |
| 38) Dibenzo(a,h)anthracene     | 25.54 | 278 | 2049  | 0.073  | ng | 93   |
| 39) Benzo(g,h,i)perylene       | 26.22 | 276 | 2567  | 0.083  | ng | # 89 |

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

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