

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\  
 Data File : BE099584.D  
 Acq On : 9 May 2019 10:33  
 Operator : JU/SJ  
 Sample : SSTDICCC0.4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICCC0.4

Quant Time: May 09 11:57:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 09 11:50:46 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 1725     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.63 | 136  | 6205     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.50 | 164  | 4109     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.24 | 188  | 11611    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.43 | 240  | 15508    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.97 | 264  | 18555    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.39  | 112 | 1636  | 0.34 | ng | 0.00 |
| 5) Phenol-d6                | 6.98  | 99  | 2166  | 0.34 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.98  | 82  | 2049  | 0.34 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 3774  | 0.35 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.98 | 330 | 849   | 0.31 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.12 | 172 | 5704  | 0.37 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.27 | 212 | 54331 | 0.35 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.87 | 244 | 10866 | 0.38 | ng | 0.00 |

|                                |       |     |       |        |    |     |
|--------------------------------|-------|-----|-------|--------|----|-----|
| Target Compounds               |       |     |       | Qvalue |    |     |
| 2) 1,4-Dioxane                 | 3.30  | 88  | 831   | 0.341  | ng | 90  |
| 3) n-Nitrosodimethylamine      | 3.64  | 42  | 505   | 0.313  | ng | 100 |
| 6) bis(2-Chloroethyl)ether     | 7.24  | 93  | 1808  | 0.345  | ng | 100 |
| 9) Naphthalene                 | 10.68 | 128 | 23525 | 0.358  | ng | 100 |
| 10) Hexachlorobutadiene        | 10.95 | 225 | 1719  | 0.360  | ng | 100 |
| 12) 2-Methylnaphthalene        | 12.29 | 142 | 3867  | 0.347  | ng | 100 |
| 16) Acenaphthylene             | 14.21 | 152 | 7065  | 0.356  | ng | 100 |
| 17) Acenaphthene               | 14.56 | 154 | 4020  | 0.363  | ng | 100 |
| 18) Fluorene                   | 15.53 | 166 | 5605  | 0.354  | ng | 100 |
| 20) 4-Bromophenyl-phenylether  | 16.42 | 248 | 2307  | 0.350  | ng | 100 |
| 21) Hexachlorobenzene          | 16.53 | 284 | 2409  | 0.367  | ng | 99  |
| 22) Pentachlorophenol          | 16.89 | 266 | 786   | 0.291  | ng | 100 |
| 23) Phenanthrene               | 17.28 | 178 | 10289 | 0.360  | ng | 100 |
| 24) Anthracene                 | 17.38 | 178 | 9319  | 0.339  | ng | 100 |
| 26) Fluoranthene               | 19.30 | 202 | 15525 | 0.352  | ng | 100 |
| 28) Pyrene                     | 19.66 | 202 | 16130 | 0.388  | ng | 100 |
| 30) Benzo(a)anthracene         | 21.40 | 228 | 18782 | 0.391  | ng | 100 |
| 31) Chrysene                   | 21.46 | 228 | 18792 | 0.396  | ng | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 26072 | 0.342  | ng | 100 |
| 33) Indeno(1,2,3-cd)pyrene     | 26.67 | 276 | 22715 | 0.403  | ng | 100 |
| 35) Benzo(b)fluoranthene       | 23.18 | 252 | 18596 | 0.363  | ng | 100 |
| 36) Benzo(k)fluoranthene       | 23.23 | 252 | 18790 | 0.373  | ng | 100 |
| 37) Benzo(a)pyrene             | 23.85 | 252 | 17966 | 0.364  | ng | 100 |
| 38) Dibenzo(a,h)anthracene     | 26.69 | 278 | 18646 | 0.365  | ng | 100 |
| 39) Benzo(g,h,i)perylene       | 27.50 | 276 | 19031 | 0.372  | ng | 100 |

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

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