

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\  
 Data File : BN010710.D  
 Acq On : 14 May 2020 12:14  
 Operator : CG/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDC00.4

Quant Time: May 14 12:57:50 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 14 12:56:11 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 3687     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.33 | 136  | 14121    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.19 | 164  | 8556     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.95 | 188  | 18160    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.15 | 240  | 15505    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.32 | 264  | 14586    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.21  | 112 | 2984  | 0.41 | ng | 0.00 |
| 5) Phenol-d6                | 6.77  | 99  | 3512  | 0.40 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.71  | 82  | 3830  | 0.39 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.92 | 152 | 9024  | 0.39 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.71 | 330 | 1145  | 0.37 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.82 | 172 | 12784 | 0.41 | ng | 0.00 |
| 25) Fluoranthene-d10        | 18.99 | 212 | 19263 | 0.39 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.60 | 244 | 14705 | 0.40 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.23  | 88  | 1284  | 0.404  | ng | 97   |
| 3) n-Nitrosodimethylamine      | 3.56  | 42  | 743   | 0.406  | ng | # 99 |
| 6) bis(2-Chloroethyl)ether     | 7.01  | 93  | 3877  | 0.427  | ng | 98   |
| 9) Naphthalene                 | 10.37 | 128 | 14063 | 0.396  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.67 | 225 | 3277  | 0.403  | ng | # 99 |
| 12) 2-Methylnaphthalene        | 12.00 | 142 | 9827  | 0.393  | ng | 100  |
| 16) Acenaphthylene             | 13.91 | 152 | 13211 | 0.378  | ng | 100  |
| 17) Acenaphthene               | 14.26 | 154 | 9408  | 0.398  | ng | 99   |
| 18) Fluorene                   | 15.25 | 166 | 12033 | 0.389  | ng | 99   |
| 20) 4-Bromophenyl-phenylether  | 16.16 | 248 | 3863  | 0.385  | ng | 91   |
| 21) Hexachlorobenzene          | 16.26 | 284 | 4762  | 0.399  | ng | 99   |
| 22) Pentachlorophenol          | 16.61 | 266 | 1503  | 0.407  | ng | 98   |
| 23) Phenanthrene               | 16.99 | 178 | 19133 | 0.393  | ng | 99   |
| 24) Anthracene                 | 17.08 | 178 | 15615 | 0.381  | ng | 100  |
| 26) Fluoranthene               | 19.02 | 202 | 21622 | 0.391  | ng | 99   |
| 28) Pyrene                     | 19.38 | 202 | 21497 | 0.387  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.14 | 228 | 16881 | 0.373  | ng | 100  |
| 31) Chrysene                   | 21.20 | 228 | 20892 | 0.408  | ng | 99   |
| 32) Bis(2-ethylhexyl)phthalate | 21.10 | 149 | 7339  | 0.371  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 25.47 | 276 | 18297 | 0.402  | ng | 99   |
| 35) Benzo(b)fluoranthene       | 22.68 | 252 | 18413 | 0.382  | ng | 97   |
| 36) Benzo(k)fluoranthene       | 22.73 | 252 | 20590 | 0.396  | ng | 97   |
| 37) Benzo(a)pyrene             | 23.23 | 252 | 16060 | 0.385  | ng | 96   |
| 38) Dibenzo(a,h)anthracene     | 25.48 | 278 | 14129 | 0.396  | ng | 96   |
| 39) Benzo(g,h,i)perylene       | 26.11 | 276 | 16133 | 0.386  | ng | 100  |

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

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