

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\  
 Data File : BN011140.D  
 Acq On : 10 Jul 2020 09:34  
 Operator : CG/JU  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

Quant Time: Jul 10 11:25:14 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 10 11:21:26 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.52  | 152  | 1928     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.27 | 136  | 6484     | 0.40 | ng    | 0.01     |
| 13) Acenaphthene-d10      | 14.13 | 164  | 3125     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.90 | 188  | 6294     | 0.40 | ng    | 0.01     |
| 29) Chrysene-d12          | 21.11 | 240  | 6492     | 0.40 | ng    | 0.01     |
| 36) Perylene-d12          | 23.25 | 264  | 5306     | 0.40 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 5.19  | 112 | 540  | 0.11 | ng | 0.00 |
| 5) Phenol-d6                | 6.73  | 99  | 489  | 0.09 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.67  | 82  | 573  | 0.10 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.88 | 152 | 1013 | 0.09 | ng | 0.02 |
| 14) 2,4,6-Tribromophenol    | 15.67 | 330 | 140  | 0.11 | ng | 0.03 |
| 15) 2-Fluorobiphenyl        | 12.77 | 172 | 1411 | 0.10 | ng | 0.03 |
| 27) Fluoranthene-d10        | 18.94 | 212 | 2122 | 0.11 | ng | 0.02 |
| 31) Terphenyl-d14           | 19.56 | 244 | 1691 | 0.10 | ng | 0.01 |

|                                |       |     |      |        |    |      |
|--------------------------------|-------|-----|------|--------|----|------|
| Target Compounds               |       |     |      | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.25  | 88  | 258  | 0.095  | ng | # 96 |
| 6) bis(2-Chloroethyl)ether     | 6.97  | 93  | 546  | 0.109  | ng | 94   |
| 9) Naphthalene                 | 10.32 | 128 | 2124 | 0.110  | ng | # 91 |
| 10) Hexachlorobutadiene        | 10.60 | 225 | 538  | 0.110  | ng | # 98 |
| 12) 2-Methylnaphthalene        | 11.96 | 142 | 1221 | 0.094  | ng | 94   |
| 16) Acenaphthylene             | 13.85 | 152 | 1681 | 0.107  | ng | 98   |
| 17) Acenaphthene               | 14.20 | 154 | 1171 | 0.110  | ng | 100  |
| 18) Fluorene                   | 15.21 | 166 | 1414 | 0.107  | ng | 100  |
| 20) 4,6-Dinitro-2-methylphenol | 15.36 | 198 | 41   | 0.061  | ng | # 40 |
| 21) 4-Bromophenyl-phenylether  | 16.11 | 248 | 415  | 0.099  | ng | # 86 |
| 22) Hexachlorobenzene          | 16.20 | 284 | 605  | 0.123  | ng | 96   |
| 23) Atrazine                   | 16.40 | 200 | 296  | 0.100  | ng | # 79 |
| 25) Phenanthrene               | 16.93 | 178 | 2177 | 0.107  | ng | 99   |
| 26) Anthracene                 | 17.03 | 178 | 1643 | 0.097  | ng | 97   |
| 28) Fluoranthene               | 18.97 | 202 | 2546 | 0.111  | ng | 99   |
| 30) Pyrene                     | 19.33 | 202 | 2510 | 0.104  | ng | 100  |
| 32) Benzo(a)anthracene         | 21.10 | 228 | 2304 | 0.106  | ng | 97   |
| 33) Chrysene                   | 21.14 | 228 | 3005 | 0.121  | ng | 97   |
| 34) Bis(2-ethylhexyl)phthalate | 21.05 | 149 | 1206 | 0.137  | ng | # 91 |
| 35) Indeno(1,2,3-cd)pyrene     | 25.36 | 276 | 2444 | 0.094  | ng | # 76 |
| 37) Benzo(b)fluoranthene       | 22.62 | 252 | 2174 | 0.102  | ng | # 70 |
| 38) Benzo(k)fluoranthene       | 22.66 | 252 | 2603 | 0.114  | ng | # 67 |
| 39) Benzo(a)pyrene             | 23.17 | 252 | 1989 | 0.108  | ng | # 54 |
| 40) Dibenzo(a,h)anthracene     | 25.38 | 278 | 1855 | 0.099  | ng | # 61 |
| 41) Benzo(g,h,i)perylene       | 25.98 | 276 | 2723 | 0.132  | ng | # 90 |

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

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