

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\  
 Data File : BN010231.D  
 Acq On : 17 Mar 2020 09:40  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Manual Integrations  
 APPROVED

mohammad  
 3/18/2020 4:00:59 PM

Quant Time: Mar 17 13:13:07 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Mar 16 02:17:23 2020

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 3172     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.39 | 136  | 10908    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.25 | 164  | 6664     | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.00 | 188  | 16395    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.19 | 240  | 17239    | 0.40 | ng    | -0.01    |
| 34) Perylene-d12          | 23.37 | 264  | 17251    | 0.40 | ng    | -0.01    |

#### System Monitoring Compounds

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| 4) 2-Fluorophenol           | 5.26  | 112 | 2428  | 0.33 | ng | 0.00  |
| 5) Phenol-d6                | 6.81  | 99  | 3037  | 0.33 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.76  | 82  | 2575  | 0.39 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.98 | 152 | 6848  | 0.38 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.74 | 330 | 829   | 0.35 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 12.88 | 172 | 10391 | 0.44 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.03 | 212 | 19209 | 0.38 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.64 | 244 | 15170 | 0.39 | ng | 0.00  |

#### Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.26  | 88  | 1246  | 0.403 | ng | # 54   |
| 3) n-Nitrosodimethylamine      | 3.58  | 42  | 853   | 0.311 | ng | # 35   |
| 6) bis(2-Chloroethyl)ether     | 7.07  | 93  | 3097  | 0.399 | ng | 97     |
| 9) Naphthalene                 | 10.44 | 128 | 10937 | 0.400 | ng | 97     |
| 10) Hexachlorobutadiene        | 10.75 | 225 | 2756  | 0.438 | ng | # 94   |
| 12) 2-Methylnaphthalene        | 12.06 | 142 | 7513  | 0.383 | ng | 94     |
| 16) Acenaphthylene             | 13.97 | 152 | 10651 | 0.346 | ng | 100    |
| 17) Acenaphthene               | 14.31 | 154 | 7236  | 0.388 | ng | 97     |
| 18) Fluorene                   | 15.31 | 166 | 10050 | 0.395 | ng | 100    |
| 20) 4-Bromophenyl-phenylether  | 16.20 | 248 | 3937m | 0.418 | ng |        |
| 21) Hexachlorobenzene          | 16.32 | 284 | 4126  | 0.449 | ng | 99     |
| 22) Pentachlorophenol          | 16.66 | 266 | 939   | 0.331 | ng | 92     |
| 23) Phenanthrene               | 17.04 | 178 | 17733 | 0.408 | ng | 100    |
| 24) Anthracene                 | 17.12 | 178 | 14874 | 0.343 | ng | 99     |
| 26) Fluoranthene               | 19.06 | 202 | 21716 | 0.394 | ng | 99     |
| 28) Pyrene                     | 19.42 | 202 | 21700 | 0.377 | ng | 99     |
| 30) Benzo(a)anthracene         | 21.17 | 228 | 20216 | 0.345 | ng | 100    |
| 31) Chrysene                   | 21.23 | 228 | 23954 | 0.415 | ng | 97     |
| 32) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 5029  | 0.201 | ng | 97     |
| 33) Indeno(1,2,3-cd)pyrene     | 25.52 | 276 | 23570 | 0.344 | ng | 98     |
| 35) Benzo(b)fluoranthene       | 22.72 | 252 | 21940 | 0.414 | ng | 99     |
| 36) Benzo(k)fluoranthene       | 22.77 | 252 | 22628 | 0.422 | ng | 99     |
| 37) Benzo(a)pyrene             | 23.27 | 252 | 17984 | 0.359 | ng | 99     |
| 38) Dibenzo(a,h)anthracene     | 25.54 | 278 | 19749 | 0.393 | ng | 98     |
| 39) Benzo(g,h,i)perylene       | 26.17 | 276 | 20421 | 0.407 | ng | 97     |

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

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