Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111921\
Data File : BN017516.D
Acq On : 19 Nov 2021 10:29
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

Quant Time: Nov 19 12:30:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 12:29:22 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.865 | 152 | 28211 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.648 | 136 | 127464 | 0.400 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.485 | 164 | 67933 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.225 | 188 | 130892 | 0.400 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.409 | 240 | 112442 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.776 | 264 | 97956 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.440 | 112 | 6856 | 0.102 | ng | | 0.00 |
| 5) Phenol-d6 | 7.026 | 99 | 7604 | 0.105 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.001 | 82 | 7610 | 0.096 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.239 | 152 | 20579 | 0.098 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.970 | 330 | 1863 | 0.108 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.115 | 172 | 24742 | 0.097 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.258 | 212 | 36321 | 0.093 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.858 | 244 | 24229 | 0.088 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.383 | 88 | 1348 | 0.109 | ng | # | 1 |
| 3) n-Nitrosodimethylamine | 3.715 | 42 | 2537 | 0.107 | ng | # | 90 |
| 6) bis(2-Chloroethyl)ether | 7.284 | 93 | 8160 | 0.105 | ng | | 95 |
| 9) Naphthalene | 10.699 | 128 | 32816 | 0.102 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.003 | 225 | 6150 | 0.092 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.315 | 142 | 20492 | 0.101 | ng | | 98 |
| 16) Acenaphthylene | 14.206 | 152 | 22602 | 0.089 | ng | | 100 |
| 17) Acenaphthene | 14.549 | 154 | 17792 | 0.097 | ng | | 99 |
| 18) Fluorene | 15.526 | 166 | 21028 | 0.100 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.615 | 198 | 263 | 0.051 | ng | # | 8 |
| 21) 4-Bromophenyl-phenylether | 16.422 | 248 | 6511 | 0.088 | ng | # | 82 |
| 22) Hexachlorobenzene | 16.544 | 284 | 7464 | 0.089 | ng | | 95 |
| 23) Atrazine | 16.690 | 200 | 4070 | 0.096 | ng | # | 96 |
| 24) Pentachlorophenol | 16.885 | 266 | 1728 | 0.103 | ng | | 98 |
| 25) Phenanthrene | 17.262 | 178 | 35144 | 0.098 | ng | | 99 |
| 26) Anthracene | 17.359 | 178 | 26832 | 0.090 | ng | | 100 |
| 28) Fluoranthene | 19.287 | 202 | 36716 | 0.095 | ng | | 100 |
| 30) Pyrene | 19.650 | 202 | 36998 | 0.092 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.398 | 228 | 30881 | 0.089 | ng | | 99 |
| 33) Chrysene | 21.451 | 228 | 36576 | 0.102 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.335 | 149 | 12414 | 0.068 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.220 | 276 | 25087 | 0.111 | ng | | 95 |
| 37) Benzo(b)fluoranthene | 23.058 | 252 | 31163 | 0.085 | ng | # | 96 |
| 38) Benzo(k)fluoranthene | 23.106 | 252 | 31899 | 0.094 | ng | # | 95 |
| 39) Benzo(a)pyrene | 23.674 | 252 | 24882 | 0.087 | ng | # | 94 |
| 40) Dibenzo(a,h)anthracene | 26.241 | 278 | 20472 | 0.119 | ng | # | 90 |
| 41) Benzo(g,h,i)perylene | 26.967 | 276 | 21820 | 0.103 | ng | | 96 |

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

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