Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
Data File : BN014308.D
Acq On : 16 Apr 2021 14:09
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC0.8

Quant Time: Apr 16 15:05:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 14:08:36 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.700 | 152 | 7119 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.479 | 136 | 25632 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.333 | 164 | 12817 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.080 | 188 | 26365 | 0.40 | ng | # | 0.01 |
| 29) Chrysene-d12 | 21.271 | 240 | 28162 | 0.40 | ng | | 0.00 |
| 36) Perylene-d12 | 23.499 | 264 | 22700 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.300 | 112 | 12317 | 0.73 | ng | | 0.00 |
| 5) Phenol-d6 | 6.871 | 99 | 15228 | 0.72 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.844 | 82 | 12951 | 0.80 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.066 | 152 | 31217 | 0.78 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.818 | 330 | 3492 | 0.70 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.950 | 172 | 43050 | 0.92 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.109 | 212 | 56803 | 0.74 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.714 | 244 | 48319 | 0.78 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.263 | 88 | 6905 | 0.76 | ng | | 91 |
| 3) n-Nitrosodimethylamine | 3.601 | 42 | 3837 | 0.90 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 7.128 | 93 | 14492 | 0.84 | ng | | 99 |
| 9) Naphthalene | 10.517 | 128 | 51679 | 0.81 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.822 | 225 | 10298 | 0.81 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.142 | 142 | 33644 | 0.79 | ng | | 100 |
| 16) Acenaphthylene | 14.041 | 152 | 37804 | 0.77 | ng | | 99 |
| 17) Acenaphthene | 14.397 | 154 | 29359 | 0.81 | ng | | 99 |
| 18) Fluorene | 15.374 | 166 | 35603 | 0.78 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.450 | 198 | 2173 | 0.70 | ng | # | 71 |
| 21) 4-Bromophenyl-phenylether | 16.276 | 248 | 11193 | 0.83 | ng | | 98 |
| 22) Hexachlorobenzene | 16.386 | 284 | 14566 | 0.85 | ng | | 100 |
| 23) Atrazine | 16.544 | 200 | 6459 | 0.64 | ng | | 99 |
| 24) Pentachlorophenol | 16.727 | 266 | 3537 | 0.67 | ng | | 99 |
| 25) Phenanthrene | 17.116 | 178 | 58529 | 0.80 | ng | | 100 |
| 26) Anthracene | 17.201 | 178 | 45835 | 0.76 | ng | | 100 |
| 28) Fluoranthene | 19.139 | 202 | 64237 | 0.77 | ng | | 100 |
| 30) Pyrene | 19.506 | 202 | 63083 | 0.71 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.250 | 228 | 56285 | 0.70 | ng | | 100 |
| 33) Chrysene | 21.303 | 228 | 68601 | 0.79 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.197 | 149 | 15173 | 0.53 | ng | | 100 |
| 35) Indeno(1,2,3-cd)pyrene | 25.741 | 276 | 79566 | 0.78 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.828 | 252 | 73962 | 0.92 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 22.873 | 252 | 71918 | 0.89 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.400 | 252 | 55924 | 0.82 | ng | | 96 |
| 40) Dibenzo(a,h)anthracene | 25.755 | 278 | 66492 | 0.85 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.426 | 276 | 71068 | 0.89 | ng | | 99 |

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

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