Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
Data File : BN011145.D
Acq On : 10 Jul 2020 12:33
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC3.2

Quant Time: Jul 10 13:04:31 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 | 7.51 | 152 | 1820 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.25 | 136 | 5480 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.13 | 164 | 2885 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.89 | 188 | 5806 | 0.40 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.09 | 240 | 6189 | 0.40 | ng | | -0.01 |
| 36) Perylene-d12 | 23.24 | 264 | 5372 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.17 | 112 | 14535 | 3.21 | ng | | 0.00 |
| 5) Phenol-d6 | 6.71 | 99 | 16291 | 3.13 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.64 | 82 | 15869 | 3.41 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.85 | 152 | 29108 | 3.07 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.63 | 330 | 4158 | 3.43 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.74 | 172 | 41570 | 3.06 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 18.92 | 212 | 55601 | 3.17 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.54 | 244 | 47203 | 2.93 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 7778 | 3.030 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.53 | 42 | 4566 | 3.521 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 6.95 | 93 | 14192 | 3.001 | ng | | 95 |
| 9) Naphthalene | 10.30 | 128 | 49277 | 3.011 | ng | | 97 |
| 10) Hexachlorobutadiene | 10.60 | 225 | 12175 | 2.937 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.92 | 142 | 33002 | 3.017 | ng | | 96 |
| 16) Acenaphthylene | 13.84 | 152 | 46816 | 3.237 | ng | | 99 |
| 17) Acenaphthene | 14.18 | 154 | 29811 | 3.041 | ng | | 100 |
| 18) Fluorene | 15.19 | 166 | 38070 | 3.108 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylphenol | 15.27 | 198 | 3391 | 5.467 | ng | # | 68 |
| 21) 4-Bromophenyl-phenylether | 16.08 | 248 | 13113 | 3.398 | ng | | 94 |
| 22) Hexachlorobenzene | 16.19 | 284 | 13452 | 2.958 | ng | | 99 |
| 23) Atrazine | 16.38 | 200 | 9193 | 3.370 | ng | # | 91 |
| 24) Pentachlorophenol | 16.55 | 266 | 4612 | 3.768 | ng | | 96 |
| 25) Phenanthrene | 16.92 | 178 | 58536 | 3.113 | ng | | 99 |
| 26) Anthracene | 17.01 | 178 | 52195 | 3.355 | ng | | 99 |
| 28) Fluoranthene | 18.95 | 202 | 69132 | 3.269 | ng | | 99 |
| 30) Pyrene | 19.32 | 202 | 67960 | 2.943 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.08 | 228 | 62416 | 3.018 | ng | | 97 |
| 33) Chrysene | 21.13 | 228 | 70105 | 2.954 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phthalate | 21.04 | 149 | 23258 | 2.782 | ng | | 98 |
| 35) Indeno(1,2,3-cd)pyrene | 25.32 | 276 | 74380 | 2.998 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 22.60 | 252 | 71878 | 3.338 | ng | # | 89 |
| 38) Benzo(k)fluoranthene | 22.64 | 252 | 71607 | 3.107 | ng | # | 88 |
| 39) Benzo(a)pyrene | 23.14 | 252 | 61052 | 3.289 | ng | # | 83 |
| 40) Dibenzo(a,h)anthracene | 25.34 | 278 | 60507 | 3.182 | ng | # | 90 |
| 41) Benzo(g,h,i)perylene | 25.95 | 276 | 63183 | 3.016 | ng | | 97 |

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

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