Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
Data File : BN011517.D
Acq On : 19 Aug 2020 15:11
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC5.0

Quant Time: Aug 19 15:45:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 13:20:06 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.43 | 152 | 1277 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.17 | 136 | 3885 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.05 | 164 | 2379 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 16.81 | 188 | 5216 | 0.40 | ng | | -0.01 |
| 29) Chrysene-d12 | 21.04 | 240 | 6678 | 0.40 | ng | | -0.01 |
| 36) Perylene-d12 | 23.15 | 264 | 5285 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.10 | 112 | 13265 | 3.95 | ng | | 0.00 |
| 5) Phenol-d6 | 6.64 | 99 | 16751 | 4.10 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.56 | 82 | 15685 | 4.52 | ng | | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 11.77 | 152 | 31739 | 4.47 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.56 | 330 | 5690 | 5.18 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.67 | 172 | 47330 | 4.61 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 18.86 | 212 | 74149 | 4.66 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.48 | 244 | 63673 | 3.15 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.14 | 88 | 6979 | 3.882 | ng | | 93 |
| 3) n-Nitrosodimethylamine | 3.45 | 42 | 3646 | 3.958 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 6.89 | 93 | 13445 | 3.960 | ng | # | 92 |
| 9) Naphthalene | 10.22 | 128 | 50536 | 4.387 | ng | # | 94 |
| 10) Hexachlorobutadiene | 10.52 | 225 | 12759 | 4.573 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 11.84 | 142 | 36299 | 4.442 | ng | | 98 |
| 16) Acenaphthylene | 13.77 | 152 | 56873 | 4.644 | ng | | 99 |
| 17) Acenaphthene | 14.12 | 154 | 35438 | 4.436 | ng | | 98 |
| 18) Fluorene | 15.12 | 166 | 47411 | 4.626 | ng | | 97 |
| 20) 4,6-Dinitro-2-methylphenol | 15.22 | 198 | 4716 | 6.536 | ng | # | 32 |
| 21) 4-Bromophenyl-phenylether | 16.02 | 248 | 14562 | 4.211 | ng | | 93 |
| 22) Hexachlorobenzene | 16.13 | 284 | 17097 | 4.361 | ng | | 98 |
| 23) Atrazine | 16.31 | 200 | 12877 | 4.782 | ng | # | 91 |
| 24) Pentachlorophenol | 16.48 | 266 | 6707 | 5.512 | ng | | 96 |
| 25) Phenanthrene | 16.86 | 178 | 77472 | 4.564 | ng | | 100 |
| 26) Anthracene | 16.94 | 178 | 70870 | 5.023 | ng | | 100 |
| 28) Fluoranthene | 18.89 | 202 | 91194 | 4.725 | ng | | 99 |
| 30) Pyrene | 19.26 | 202 | 91398 | 3.036 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.02 | 228 | 91663 | 4.096 | ng | | 97 |
| 33) Chrysene | 21.08 | 228 | 94549 | 3.766 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phthalate | 20.98 | 149 | 33989 | 2.832 | ng | | 99 |
| 35) Indeno(1,2,3-cd)pyrene | 25.20 | 276 | 130104 | 5.306 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.53 | 252 | 94783 | 4.498 | ng | # | 88 |
| 38) Benzo(k)fluoranthene | 22.57 | 252 | 98847 | 4.260 | ng | # | 87 |
| 39) Benzo(a)pyrene | 23.06 | 252 | 85715 | 4.686 | ng | # | 83 |
| 40) Dibenzo(a,h)anthracene | 25.21 | 278 | 107348 | 5.674 | ng | | 91 |
| 41) Benzo(g,h,i)perylene | 25.81 | 276 | 102769 | 4.899 | ng | | 97 |

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

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