Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016053.D
Acq On : 25 Aug 2021 06:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDCCC0.4

Quant Time: Aug 25 07:42:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 14:26:02 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.882 | 152 | 9774 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.673 | 136 | 52981 | 0.400 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.510 | 164 | 29734 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.249 | 188 | 57943 | 0.400 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.440 | 240 | 61165 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.827 | 264 | 54506 | 0.400 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.457 | 112 | 10378 | 0.444 | ng | | 0.00 |
| 5) Phenol-d6 | 7.043 | 99 | 14434 | 0.442 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.038 | 82 | 16073 | 0.461 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.265 | 152 | 32776 | 0.410 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.994 | 330 | 4712 | 0.558 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.140 | 172 | 41875 | 0.350 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.281 | 212 | 63815 | 0.391 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.882 | 244 | 57753 | 0.385 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.392 | 88 | 2124 | 0.396 | ng | | 89 |
| 3) n-Nitrosodimethylamine | 3.742 | 42 | 3933 | 0.467 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.310 | 93 | 11226 | 0.411 | ng | | 100 |
| 9) Naphthalene | 10.723 | 128 | 53616 | 0.385 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.015 | 225 | 12509 | 0.404 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.336 | 142 | 35725 | 0.402 | ng | | 99 |
| 16) Acenaphthylene | 14.218 | 152 | 45020 | 0.412 | ng | | 99 |
| 17) Acenaphthene | 14.561 | 154 | 31218 | 0.373 | ng | | 99 |
| 18) Fluorene | 15.550 | 166 | 38253 | 0.382 | ng | | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.626 | 198 | 992 | 0.344 | ng | | 94 |
| 21) 4-Bromophenyl-phenylether | 16.446 | 248 | 10972 | 0.377 | ng | | 95 |
| 22) Hexachlorobenzene | 16.555 | 284 | 14685 | 0.359 | ng | | 98 |
| 23) Atrazine | 16.713 | 200 | 8877 | 0.483 | ng | | 95 |
| 24) Pentachlorophenol | 16.908 | 266 | 4887 | 0.456 | ng | | 99 |
| 25) Phenanthrene | 17.285 | 178 | 59364 | 0.360 | ng | | 100 |
| 26) Anthracene | 17.383 | 178 | 52624 | 0.390 | ng | | 100 |
| 28) Fluoranthene | 19.311 | 202 | 69748 | 0.381 | ng | | 99 |
| 30) Pyrene | 19.674 | 202 | 69831 | 0.384 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.419 | 228 | 71317 | 0.384 | ng | | 99 |
| 33) Chrysene | 21.472 | 228 | 71203 | 0.362 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.344 | 149 | 28575 | 0.577 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.298 | 276 | 66297 | 0.321 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.098 | 252 | 72740 | 0.373 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 23.146 | 252 | 67673 | 0.373 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.721 | 252 | 63113 | 0.375 | ng | | 95 |
| 40) Dibenzo(a,h)anthracene | 26.322 | 278 | 53589 | 0.314 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 27.061 | 276 | 56695 | 0.322 | ng | | 99 |

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

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