Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041224\
Data File : BN030860.D
Acq On : 12 Apr 2024 13:32
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 12 15:49:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 15:48:12 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.675 | 152 | 5652 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.453 | 136 | 16569 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.306 | 164 | 9184 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.065 | 188 | 20646 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.258 | 240 | 20391 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.489 | 264 | 17556 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.270 | 112 | 10364 | 0.764 | ng | | 0.00 |
| 5) Phenol-d6 | 6.845 | 99 | 12447 | 0.758 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.820 | 82 | 9048 | 0.765 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.047 | 152 | 19683 | 0.775 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.812 | 330 | 2669 | 0.718 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.927 | 172 | 25522 | 0.784 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.098 | 212 | 44748 | 0.780 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.702 | 244 | 35884 | 0.774 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.219 | 88 | 5216 | 0.764 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.530 | 42 | 5155 | 0.786 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 7.105 | 93 | 12054 | 0.786 | ng | | 99 |
| 9) Naphthalene | 10.496 | 128 | 35688 | 0.779 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.784 | 225 | 7190 | 0.786 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.119 | 142 | 23198 | 0.774 | ng | | 100 |
| 16) Acenaphthylene | 14.028 | 152 | 30503 | 0.760 | ng | | 100 |
| 17) Acenaphthene | 14.370 | 154 | 21934 | 0.774 | ng | | 99 |
| 18) Fluorene | 15.364 | 166 | 29056 | 0.780 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.450 | 198 | 1921 | 0.743 | ng | # | 79 |
| 21) 4-Bromophenyl-phenylether | 16.259 | 248 | 9383 | 0.774 | ng | | 98 |
| 22) Hexachlorobenzene | 16.358 | 284 | 11047 | 0.780 | ng | | 100 |
| 23) Atrazine | 16.532 | 200 | 6728 | 0.744 | ng | | 98 |
| 24) Pentachlorophenol | 16.705 | 266 | 3584 | 0.749 | ng | | 99 |
| 25) Phenanthrene | 17.103 | 178 | 46982 | 0.778 | ng | | 100 |
| 26) Anthracene | 17.189 | 178 | 38251 | 0.757 | ng | | 100 |
| 28) Fluoranthene | 19.126 | 202 | 58081 | 0.777 | ng | | 100 |
| 30) Pyrene | 19.493 | 202 | 58783 | 0.767 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.240 | 228 | 53404 | 0.756 | ng | | 98 |
| 33) Chrysene | 21.294 | 228 | 58848 | 0.777 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.178 | 149 | 21284 | 0.690 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.735 | 276 | 53680 | 0.782 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.817 | 252 | 59706 | 0.768 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 22.864 | 252 | 56833 | 0.775 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.393 | 252 | 45682 | 0.763 | ng | # | 93 |
| 40) Dibenzo(a,h)anthracene | 25.752 | 278 | 42978 | 0.788 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.422 | 276 | 46921 | 0.794 | ng | | 98 |

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

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