Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
Data File : BN024727.D
Acq On : 03 Apr 2023 12:59
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Quant Time: Apr 04 03:06:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 03 15:20:44 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.997 | 152 | 10554 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.802 | 136 | 29634 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.633 | 164 | 16333 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.376 | 188 | 32764 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.565 | 240 | 24847 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.050 | 264 | 16138 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.541 | 112 | 42022 | 1.750 | ng | | 0.00 |
| 5) Phenol-d6 | 7.152 | 99 | 54896 | 1.817 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.158 | 82 | 42593 | 1.842 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.391 | 152 | 68393 | 1.800 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.122 | 330 | 13307 | 1.893 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.254 | 172 | 112985 | 1.773 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.404 | 212 | 126048 | 1.817 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.998 | 244 | 125201 | 1.744 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.403 | 88 | 19521 | 1.791 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.728 | 42 | 34275 | 1.876 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 7.412 | 93 | 53051 | 1.788 | ng | | 99 |
| 9) Naphthalene | 10.856 | 128 | 137443 | 1.793 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.144 | 225 | 27449 | 1.803 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.463 | 142 | 93362 | 1.814 | ng | | 99 |
| 16) Acenaphthylene | 14.355 | 152 | 127591 | 1.876 | ng | | 100 |
| 17) Acenaphthene | 14.697 | 154 | 85540 | 1.818 | ng | | 96 |
| 18) Fluorene | 15.680 | 166 | 116938 | 1.808 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.750 | 198 | 5977 | 1.541 | ng | # | 41 |
| 21) 4-Bromophenyl-phenylether | 16.569 | 248 | 35477 | 1.807 | ng | | 98 |
| 22) Hexachlorobenzene | 16.681 | 284 | 41304 | 1.788 | ng | | 100 |
| 23) Atrazine | 16.830 | 200 | 22289 | 1.864 | ng | | 97 |
| 24) Pentachlorophenol | 17.028 | 266 | 15465 | 1.896 | ng | | 99 |
| 25) Phenanthrene | 17.413 | 178 | 171586 | 1.813 | ng | | 100 |
| 26) Anthracene | 17.512 | 178 | 151897 | 1.852 | ng | | 99 |
| 28) Fluoranthene | 19.438 | 202 | 187725 | 1.865 | ng | | 100 |
| 30) Pyrene | 19.796 | 202 | 184769 | 1.768 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.547 | 228 | 141854 | 1.781 | ng | | 99 |
| 33) Chrysene | 21.601 | 228 | 154933 | 1.762 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.467 | 149 | 60626 | 1.699 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.640 | 276 | 113286 | 1.850 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.287 | 252 | 121468 | 1.852 | ng | # | 93 |
| 38) Benzo(k)fluoranthene | 23.340 | 252 | 121069 | 1.863 | ng | # | 92 |
| 39) Benzo(a)pyrene | 23.939 | 252 | 103250 | 1.854 | ng | # | 89 |
| 40) Dibenzo(a,h)anthracene | 26.658 | 278 | 90816 | 1.882 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 27.439 | 276 | 102438 | 1.814 | ng | | 97 |

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

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