Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012524\
Data File : BN029387.D
Acq On : 25 Jan 2024 15:07
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jan 26 01:40:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 01:37:29 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.912 | 152 | 3349 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.712 | 136 | 9850 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.554 | 164 | 5492 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.305 | 188 | 11919 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.514 | 240 | 11967 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.907 | 264 | 11759 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.478 | 112 | 42342 | 4.625 | ng | | 0.00 |
| 5) Phenol-d6 | 7.075 | 99 | 58881 | 4.791 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.068 | 82 | 49071 | 4.731 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.303 | 152 | 78913 | 5.023 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.052 | 330 | 12089 | 4.998 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.175 | 172 | 118173 | 4.656 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.341 | 212 | 180586 | 5.258 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.949 | 244 | 136574 | 4.582 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.377 | 88 | 20636 | 4.572 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.702 | 42 | 22372 | 5.094 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.349 | 93 | 54355 | 4.749 | ng | | 99 |
| 9) Naphthalene | 10.765 | 128 | 149509 | 4.772 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.043 | 225 | 26224 | 4.572 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.374 | 142 | 98732 | 4.895 | ng | | 98 |
| 16) Acenaphthylene | 14.276 | 152 | 151961 | 5.231 | ng | | 100 |
| 17) Acenaphthene | 14.618 | 154 | 95539 | 4.924 | ng | | 97 |
| 18) Fluorene | 15.605 | 166 | 126429 | 4.902 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.679 | 198 | 12148 | 4.937 | ng | # | 69 |
| 21) 4-Bromophenyl-phenylether | 16.498 | 248 | 39690 | 4.904 | ng | | 99 |
| 22) Hexachlorobenzene | 16.598 | 284 | 44689 | 4.812 | ng | | 99 |
| 23) Atrazine | 16.771 | 200 | 32071 | 5.282 | ng | | 97 |
| 24) Pentachlorophenol | 16.945 | 266 | 20128 | 4.949 | ng | | 99 |
| 25) Phenanthrene | 17.342 | 178 | 199615 | 4.919 | ng | | 100 |
| 26) Anthracene | 17.442 | 178 | 185549 | 5.179 | ng | | 100 |
| 28) Fluoranthene | 19.373 | 202 | 246437 | 5.169 | ng | | 100 |
| 30) Pyrene | 19.736 | 202 | 253183 | 4.659 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.496 | 228 | 245962 | 5.049 | ng | | 99 |
| 33) Chrysene | 21.550 | 228 | 240394 | 4.747 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.443 | 149 | 141324 | 4.728 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.389 | 276 | 282053 | 5.542 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.179 | 252 | 251859 | 5.066 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.229 | 252 | 246015 | 5.083 | ng | | 94 |
| 39) Benzo(a)pyrene | 23.802 | 252 | 216027 | 5.386 | ng | | 93 |
| 40) Dibenzo(a,h)anthracene | 26.415 | 278 | 227610 | 5.561 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 27.143 | 276 | 239206 | 5.375 | ng | | 98 |

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

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