Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037146.D
Acq On : 03 Jun 2025 13:26
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 04 01:42:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:40:18 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.597 | 152 | 1776 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.372 | 136 | 4485 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.234 | 164 | 2508 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.984 | 188 | 4816 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.189 | 240 | 3381 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.380 | 264 | 2909 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.192 | 112 | 3356 | 0.764 | ng | | 0.00 |
| 5) Phenol-d6 | 6.773 | 99 | 4000 | 0.751 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.739 | 82 | 3647 | 0.771 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.971 | 152 | 4809 | 0.770 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.743 | 330 | 789 | 0.781 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.863 | 172 | 8296 | 0.776 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.026 | 212 | 9209 | 0.753 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.635 | 244 | 6364 | 0.800 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.119 | 88 | 1799 | 0.760 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.437 | 42 | 3791 | 0.798 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 7.026 | 93 | 3867 | 0.761 | ng | | 98 |
| 9) Naphthalene | 10.415 | 128 | 9964 | 0.770 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.714 | 225 | 2212 | 0.785 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.041 | 142 | 6445 | 0.777 | ng | | 99 |
| 16) Acenaphthylene | 13.957 | 152 | 9385 | 0.763 | ng | | 99 |
| 17) Acenaphthene | 14.299 | 154 | 6080 | 0.762 | ng | | 100 |
| 18) Fluorene | 15.293 | 166 | 8080 | 0.770 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.389 | 198 | 643 | 0.730 | ng | # | 56 |
| 21) 4-Bromophenyl-phenylether | 16.189 | 248 | 2446 | 0.775 | ng | | 97 |
| 22) Hexachlorobenzene | 16.301 | 284 | 2690 | 0.790 | ng | | 98 |
| 23) Atrazine | 16.462 | 200 | 2011 | 0.772 | ng | | 92 |
| 24) Pentachlorophenol | 16.649 | 266 | 1033 | 0.722 | ng | | 96 |
| 25) Phenanthrene | 17.033 | 178 | 12021 | 0.770 | ng | | 100 |
| 26) Anthracene | 17.120 | 178 | 11005 | 0.773 | ng | | 99 |
| 28) Fluoranthene | 19.054 | 202 | 13144 | 0.763 | ng | | 100 |
| 30) Pyrene | 19.421 | 202 | 13035 | 0.790 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.171 | 228 | 9494 | 0.776 | ng | | 100 |
| 33) Chrysene | 21.224 | 228 | 10700 | 0.785 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.117 | 149 | 5801 | 0.751 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.573 | 276 | 8881 | 0.767 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.722 | 252 | 9165 | 0.780 | ng | | 95 |
| 38) Benzo(k)fluoranthene | 22.763 | 252 | 9379 | 0.782 | ng | | 93 |
| 39) Benzo(a)pyrene | 23.281 | 252 | 7528 | 0.765 | ng | # | 91 |
| 40) Dibenzo(a,h)anthracene | 25.588 | 278 | 6960 | 0.780 | ng | | 93 |
| 41) Benzo(g,h,i)perylene | 26.240 | 276 | 7980 | 0.778 | ng | | 99 |

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

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