Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032269.D
Acq On : 26 Jun 2024 10:50
Operator : MA/JU
Sample : P3034-02MS
Misc :
ALS Vial : 73 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
GWBR-05-187-208-062124MS

Quant Time: Jun 26 11:44:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.632 | 152 | 7574 | 0.400 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.400 | 136 | 21894 | 0.400 | ng | | -0.02 |
| 13) Acenaphthene-d10 | 14.274 | 164 | 12105 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.029 | 188 | 24630 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.229 | 240 | 21822 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.455 | 264 | 24062 | 0.400 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.241 | 112 | 2854 | 0.133 | ng | | 0.00 |
| 5) Phenol-d6 | 6.823 | 99 | 1741 | 0.062 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.787 | 82 | 4792 | 0.263 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.001 | 152 | 10455 | 0.300 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.775 | 330 | 1675 | 0.289 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.884 | 172 | 14014 | 0.305 | ng | | -0.02 |
| 27) Fluoranthene-d10 | 19.063 | 212 | 23457 | 0.350 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.667 | 244 | 17790 | 0.334 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.190 | 88 | 12709 | 1.370 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.508 | 42 | 898 | 0.102 | ng | # | 84 |
| 6) bis(2-Chloroethyl)ether | 7.068 | 93 | 5476 | 0.225 | ng | | 97 |
| 9) Naphthalene | 10.453 | 128 | 16144 | 0.274 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.720 | 225 | 3037 | 0.295 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.077 | 142 | 10479 | 0.260 | ng | | 98 |
| 16) Acenaphthylene | 13.985 | 152 | 15451 | 0.277 | ng | | 100 |
| 17) Acenaphthene | 14.328 | 154 | 9917 | 0.276 | ng | | 99 |
| 18) Fluorene | 15.322 | 166 | 12941 | 0.270 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.450 | 198 | 615 | 0.293 | ng | # | 24 |
| 21) 4-Bromophenyl-phenylether | 16.222 | 248 | 4277 | 0.306 | ng | | 99 |
| 22) Hexachlorobenzene | 16.321 | 284 | 4776 | 0.330 | ng | | 98 |
| 23) Atrazine | 16.495 | 200 | 3750 | 0.293 | ng | | 98 |
| 24) Pentachlorophenol | 16.693 | 266 | 4444 | 0.653 | ng | | 99 |
| 25) Phenanthrene | 17.066 | 178 | 23275 | 0.341 | ng | | 100 |
| 26) Anthracene | 17.153 | 178 | 19959 | 0.315 | ng | | 100 |
| 28) Fluoranthene | 19.091 | 202 | 29181 | 0.352 | ng | | 99 |
| 30) Pyrene | 19.458 | 202 | 30487 | 0.352 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.211 | 228 | 29928 | 0.364 | ng | | 99 |
| 33) Chrysene | 21.265 | 228 | 30615 | 0.394 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.130 | 149 | 18381 | 0.328 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.700 | 276 | 38762 | 0.432 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.782 | 252 | 32214 | 0.367 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 22.829 | 252 | 33078 | 0.399 | ng | | 97 |
| 39) Benzo(a)pyrene | 23.358 | 252 | 29017 | 0.383 | ng | | 95 |
| 40) Dibenzo(a,h)anthracene | 25.706 | 278 | 30324 | 0.429 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.384 | 276 | 30369 | 0.400 | ng | | 99 |

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

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