Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100622\
Data File : BN022018.D
Acq On : 06 Oct 2022 13:59
Operator : CG/JU
Sample : N4785-05DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PT-BN-WPDL

Quant Time: Oct 07 00:40:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:32:21 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.978 | 152 | 5160 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.806 | 136 | 16353 | 0.400 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.653 | 164 | 8724 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.400 | 188 | 17331 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.609 | 240 | 14984 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.093 | 264 | 10223 | 0.400 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.501 | 112 | 81046 | 6.780 | ng | | -0.01 |
| 5) Phenol-d6 | 7.133 | 99 | 110091 | 7.098 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 9.151 | 82 | 51640 | 3.928 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.376 | 152 | 54 | 0.002 | ng | | -0.03 |
| 14) 2,4,6-Tribromophenol | 16.146 | 330 | 26261 | 7.893 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.274 | 172 | 145507 | 3.817 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.437 | 212 | 11 | 0.000 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.033 | 244 | 127716 | 4.240 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 6) bis(2-Chloroethyl)ether | 7.393 | 93 | 106399 | 6.492 | ng | | 97 |
| 9) Naphthalene | 10.859 | 128 | 278329 | 5.636 | ng | | 99 |
| 16) Acenaphthylene | 14.365 | 152 | 200103 | 4.821 | ng | | 100 |
| 17) Acenaphthene | 14.707 | 154 | 50899 | 1.744 | ng | | 98 |
| 18) Fluorene | 15.701 | 166 | 58489 | 1.662 | ng | | 99 |
| 21) 4-Bromophenyl-phenylether | 16.593 | 248 | 29023 | 2.749 | ng | # | 82 |
| 22) Hexachlorobenzene | 16.705 | 284 | 28847 | 2.197 | ng | | 99 |
| 25) Phenanthrene | 17.437 | 178 | 152889 | 2.566 | ng | | 100 |
| 26) Anthracene | 17.536 | 178 | 343032 | 7.172 | ng | | 100 |
| 28) Fluoranthene | 19.470 | 202 | 107151 | 1.679 | ng | | 99 |
| 30) Pyrene | 19.837 | 202 | 3585 | 0.054 | ng | # | 94 |
| 32) Benzo(a)anthracene | 21.591 | 228 | 225521 | 4.003 | ng | | 100 |
| 33) Chrysene | 21.645 | 228 | 346887 | 5.548 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.510 | 149 | 169163 | 6.257 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.692 | 276 | 227168 | 4.398 | ng | | 94 |
| 38) Benzo(k)fluoranthene | 23.377 | 252 | 320339 | 6.640 | ng | # | 91 |
| 39) Benzo(a)pyrene | 23.979 | 252 | 195448 | 5.288 | ng | # | 83 |
| 40) Dibenzo(a,h)anthracene | 26.713 | 278 | 68466 | 1.662 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 27.496 | 276 | 50318 | 1.131 | ng | | 98 |

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

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