Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036349.D
Acq On : 06 Feb 2025 23:22
Operator : RC/JU
Sample : PB166543BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS543

Quant Time: Feb 07 07:50:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 14:44:03 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.771 | 152 | 2119 | 0.400 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.562 | 136 | 4738 | 0.400 | ng/ul | -0.02 |
| 9) Acenaphthene-d10 | 14.409 | 164 | 2517 | 0.400 | ng/ul | -0.02 |
| 13) Phenanthrene-d10 | 17.154 | 188 | 4928 | 0.400 | ng/ul | #-0.02 |
| 17) Chrysene-d12 | 21.342 | 240 | 4327 | 0.400 | ng/ul | #-0.02 |
| 23) Perylene-d12 | 23.622 | 264 | 4632 | 0.400 | ng/ul | #-0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.252 | 96 | 1731 | 0.746 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.157 | 152 | 2327 | 0.389 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.184 | 212 | 4483 | 0.377 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.286 | 88 | 4918 | 1.986 | ng/ul | 88 |
| 5) Naphthalene | 10.612 | 128 | 5162 | 0.395 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.229 | 142 | 3158 | 0.389 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.449 | 142 | 3219 | 0.391 | ng/ul | 100 |
| 10) Acenaphthylene | 14.127 | 152 | 4214 | 0.355 | ng/ul | 99 |
| 11) Acenaphthene | 14.474 | 153 | 3357 | 0.384 | ng/ul | 98 |
| 12) Fluorene | 15.464 | 166 | 3533 | 0.366 | ng/ul | 97 |
| 14) Pentachlorophenol | 16.817 | 266 | 1098 | 0.636 | ng/ul | 99 |
| 15) Phenanthrene | 17.196 | 178 | 5487 | 0.380 | ng/ul | 99 |
| 16) Anthracene | 17.289 | 178 | 4742 | 0.354 | ng/ul | 98 |
| 19) Fluoranthene | 19.216 | 202 | 6170 | 0.375 | ng/ul# | 95 |
| 20) Pyrene | 19.579 | 202 | 6451 | 0.376 | ng/ul# | 93 |
| 21) Benzo(a)anthracene | 21.324 | 228 | 5695 | 0.369 | ng/ul | 100 |
| 22) Chrysene | 21.377 | 228 | 6233 | 0.395 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.935 | 252 | 6149 | 0.398 | ng/ul | 86 |
| 25) Benzo(k)fluoranthene | 22.978 | 252 | 6382 | 0.393 | ng/ul# | 85 |
| 26) Benzo(a)pyrene | 23.519 | 252 | 5724 | 0.410 | ng/ul# | 79 |
| 27) Indeno(1,2,3-cd)pyrene | 25.940 | 276 | 7265 | 0.393 | ng/ul# | 95 |
| 28) Dibenzo(a,h)anthracene | 25.954 | 278 | 5565 | 0.391 | ng/ul# | 90 |
| 29) Benzo(g,h,i)perylene | 26.648 | 276 | 5959 | 0.416 | ng/ul | 96 |

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

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