Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048163.D
Acq On : 21 Oct 2024 20:02
Operator : RC/JU
Sample : PB164095BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS095

Quant Time: Oct 21 22:48:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 00:48:23 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.822 | 152 | 4687 | 0.400 | ng/ul | 0.02 |
| 4) Naphthalene-d8 | 10.589 | 136 | 16494 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.418 | 164 | 9030 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.174 | 188 | 17593 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.336 | 240 | 13571 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.598 | 264 | 14285 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.240 | 96 | 5443 | 0.854 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.200 | 152 | 9304 | 0.405 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.187 | 212 | 19036 | 0.482 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.273 | 88 | 15578 | 2.081 | ng/ul# | 85 |
| 5) Naphthalene | 10.644 | 128 | 18460 | 0.412 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.272 | 142 | 10700 | 0.417 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.470 | 142 | 14025 | 0.475 | ng/ul | 99 |
| 10) Acenaphthylene | 14.140 | 152 | 16571 | 0.397 | ng/ul | 99 |
| 11) Acenaphthene | 14.482 | 153 | 12957 | 0.435 | ng/ul | 99 |
| 12) Fluorene | 15.486 | 166 | 13346 | 0.418 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.832 | 266 | 4457 | 0.754 | ng/ul | 99 |
| 15) Phenanthrene | 17.212 | 178 | 18013 | 0.405 | ng/ul | 99 |
| 16) Anthracene | 17.322 | 178 | 16915 | 0.402 | ng/ul | 100 |
| 19) Fluoranthene | 19.219 | 202 | 24931 | 0.468 | ng/ul | 100 |
| 20) Pyrene | 19.577 | 202 | 27297 | 0.477 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.324 | 228 | 17101 | 0.409 | ng/ul | 99 |
| 22) Chrysene | 21.371 | 228 | 28768 | 0.452 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.914 | 252 | 20599 | 0.376 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 22.961 | 252 | 26860 | 0.405 | ng/ul | 98 |
| 26) Benzo(a)pyrene | 23.505 | 252 | 21036 | 0.461 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 25.913 | 276 | 27910 | 0.409 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 25.937 | 278 | 20336 | 0.390 | ng/ul | 96 |
| 29) Benzo(g,h,i)perylene | 26.608 | 276 | 24369 | 0.427 | ng/ul | 98 |

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

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