Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048418.D
Acq On : 02 Nov 2024 05:37
Operator : RC/JU
Sample : PB164513BS
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS513

Quant Time: Nov 03 21:52:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| Internal Standards | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.813 | 152 | 2506m | 0.400 ng/ul | 0.06 |
| 4) Naphthalene-d8 | 10.557 | 136 | 8822 | 0.400 ng/ul | # 0.03 |
| 9) Acenaphthene-d10 | 14.372 | 164 | 5160 | 0.400 ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.133 | 188 | 11037 | 0.400 ng/ul | 0.01 |
| 17) Chrysene-d12 | 21.303 | 240 | 8899 | 0.400 ng/ul | 0.01 |
| 23) Perylene-d12 | 23.539 | 264 | 8588 | 0.400 ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | |
| 3) 1,4-Dioxane-d8 | 3.164 | 96 | 3370 | 1.095 ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.179 | 152 | 4700 | 0.419 ng/ul | 0.04 |
| 18) Fluoranthene-d10 | 19.151 | 212 | 11713 | 0.518 ng/ul | 0.01 |
| Target Compounds | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.197 | 88 | 8459 | 2.533 ng/ul# | 83 |
| 5) Naphthalene | 10.612 | 128 | 8916 | 0.387 ng/ul | 97 |
| 7) 2-Methylnaphthalene | 12.245 | 142 | 4834 | 0.352 ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.438 | 142 | 5904 | 0.404 ng/ul | 98 |
| 10) Acenaphthylene | 14.104 | 152 | 7689 | 0.385 ng/ul | 98 |
| 11) Acenaphthene | 14.437 | 153 | 6481 | 0.405 ng/ul | 98 |
| 12) Fluorene | 15.455 | 166 | 7026 | 0.395 ng/ul | 100 |
| 14) Pentachlorophenol | 16.808 | 266 | 1872 | 0.609 ng/ul | 93 |
| 15) Phenanthrene | 17.179 | 178 | 10089 | 0.368 ng/ul | 97 |
| 16) Anthracene | 17.297 | 178 | 8864 | 0.345 ng/ul | 95 |
| 19) Fluoranthene | 19.183 | 202 | 14534 | 0.474 ng/ul | 98 |
| 20) Pyrene | 19.536 | 202 | 15764 | 0.479 ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.295 | 228 | 9858 | 0.370 ng/ul | 99 |
| 22) Chrysene | 21.336 | 228 | 18799 | 0.512 ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 22.867 | 252 | 13382 | 0.456 ng/ul | 98 |
| 25) Benzo(k)fluoranthene | 22.911 | 252 | 17831 | 0.513 ng/ul | 96 |
| 26) Benzo(a)pyrene | 23.460 | 252 | 13181 | 0.478 ng/ul | 91 |
| 27) Indeno(1,2,3-cd)pyrene | 25.842 | 276 | 17103 | 0.444 ng/ul# | 98 |
| 28) Dibenzo(a,h)anthracene | 25.873 | 278 | 13030 | 0.434 ng/ul | 94 |
| 29) Benzo(g,h,i)perylene | 26.506 | 276 | 15383 | 0.474 ng/ul | 99 |

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

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