Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048948.D
Acq On : 11 Dec 2024 07:10
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4106

Quant Time: Dec 11 10:03:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.586 | 152 | 3967 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.343 | 136 | 10580 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.215 | 164 | 5552 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.960 | 188 | 11879 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.152 | 240 | 9255 | 0.400 | ng/ul | -0.01 |
| 23) Perylene-d12 | 23.317 | 264 | 10403 | 0.400 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.164 | 96 | 2229 | 0.481 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.943 | 152 | 5391 | 0.400 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.993 | 212 | 11129 | 0.403 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.193 | 88 | 2369 | 0.442 | ng/ul# | 92 |
| 5) Naphthalene | 10.392 | 128 | 11176 | 0.412 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.020 | 142 | 6550 | 0.396 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.240 | 142 | 6860 | 0.407 | ng/ul | 98 |
| 10) Acenaphthylene | 13.928 | 152 | 9440 | 0.403 | ng/ul | 100 |
| 11) Acenaphthene | 14.275 | 153 | 7327 | 0.413 | ng/ul | 98 |
| 12) Fluorene | 15.270 | 166 | 8132 | 0.413 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.618 | 266 | 701 | 0.287 | ng/ul | 92 |
| 15) Phenanthrene | 17.002 | 178 | 12916 | 0.397 | ng/ul | 99 |
| 16) Anthracene | 17.095 | 178 | 11222 | 0.387 | ng/ul | 98 |
| 19) Fluoranthene | 19.021 | 202 | 15367 | 0.400 | ng/ul | 99 |
| 20) Pyrene | 19.383 | 202 | 16117 | 0.390 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.137 | 228 | 12189 | 0.374 | ng/ul | 98 |
| 22) Chrysene | 21.190 | 228 | 15287 | 0.415 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 22.671 | 252 | 13965 | 0.388 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 22.715 | 252 | 17240 | 0.415 | ng/ul | 96 |
| 26) Benzo(a)pyrene | 23.221 | 252 | 12927 | 0.389 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 25.464 | 276 | 18918 | 0.405 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 25.484 | 278 | 14357 | 0.395 | ng/ul | 98 |
| 29) Benzo(g,h,i)perylene | 26.118 | 276 | 15028 | 0.400 | ng/ul | 99 |

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

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