Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035275.D
Acq On : 23 Nov 2024 12:23
Operator : RC/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4350

Quant Time: Nov 25 08:36:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.318 | 152 | 3126 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.064 | 136 | 8666 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 13.977 | 164 | 5261 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.743 | 188 | 11639 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 20.985 | 240 | 9391 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.083 | 264 | 8121 | 0.400 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.976 | 96 | 845 | 0.296 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.670 | 152 | 4690 | 0.369 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.795 | 212 | 11339 | 0.438 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.006 | 88 | 918 | 0.296 | ng/ul# | 51 |
| 5) Naphthalene | 10.113 | 128 | 9030 | 0.414 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 11.741 | 142 | 6187 | 0.409 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 11.972 | 142 | 6295 | 0.412 | ng/ul | 98 |
| 10) Acenaphthylene | 13.690 | 152 | 10110 | 0.484 | ng/ul | 100 |
| 11) Acenaphthene | 14.041 | 153 | 7201 | 0.451 | ng/ul | 96 |
| 12) Fluorene | 15.041 | 166 | 8209 | 0.438 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.401 | 266 | 928 | 0.342 | ng/ul | 98 |
| 15) Phenanthrene | 16.785 | 178 | 13560 | 0.441 | ng/ul | 99 |
| 16) Anthracene | 16.874 | 178 | 12126 | 0.425 | ng/ul | 100 |
| 19) Fluoranthene | 18.823 | 202 | 15887 | 0.486 | ng/ul# | 93 |
| 20) Pyrene | 19.191 | 202 | 16216 | 0.477 | ng/ul# | 90 |
| 21) Benzo(a)anthracene | 20.970 | 228 | 14018 | 0.430 | ng/ul | 100 |
| 22) Chrysene | 21.020 | 228 | 14407 | 0.439 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.466 | 252 | 11938 | 0.445 | ng/ul | 94 |
| 25) Benzo(k)fluoranthene | 22.507 | 252 | 13176 | 0.476 | ng/ul# | 94 |
| 26) Benzo(a)pyrene | 22.992 | 252 | 10550 | 0.430 | ng/ul# | 93 |
| 27) Indeno(1,2,3-cd)pyrene | 25.131 | 276 | 13070 | 0.394 | ng/ul# | 82 |
| 28) Dibenzo(a,h)anthracene | 25.145 | 278 | 9809 | 0.378 | ng/ul# | 92 |
| 29) Benzo(g,h,i)perylene | 25.748 | 276 | 9991 | 0.382 | ng/ul# | 92 |

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

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