Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123124\
Data File : BN035864.D
Acq On : 31 Dec 2024 12:07
Operator : RC/JU
Sample : SSTD0.250
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.2238

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 01/02/2025
Supervised By :mohammad ahmed 01/06/2025

Quant Time: Dec 31 14:28:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN123124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 14:26:27 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.836 | 152 | 1601 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.631 | 136 | 3623 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.472 | 164 | 1995 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.212 | 188 | 3995 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.392 | 240 | 3644 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.695 | 264 | 4244 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.288 | 96 | 357 | 0.247 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.226 | 152 | 962 | 0.189 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.238 | 212 | 1945 | 0.185 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.326 | 88 | 381 | 0.262 | ng/ul# | 68 |
| 5) Naphthalene | 10.680 | 128 | 1952 | 0.220 | ng/ul# | 94 |
| 7) 2-Methylnaphthalene | 12.297 | 142 | 1244 | 0.207 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.517 | 142 | 1263 | 0.203 | ng/ul | 100 |
| 10) Acenaphthylene | 14.190 | 152 | 1861 | 0.232 | ng/ul | 97 |
| 11) Acenaphthene | 14.537 | 153 | 1315 | 0.221 | ng/ul | 98 |
| 12) Fluorene | 15.522 | 166 | 1385 | 0.204 | ng/ul# | 97 |
| 14) Pentachlorophenol | 16.861 | 266 | 167 | 0.167 | ng/ul | 95 |
| 15) Phenanthrene | 17.254 | 178 | 2195 | 0.215 | ng/ul | 96 |
| 16) Anthracene | 17.343 | 178 | 2098 | 0.218 | ng/ul | 95 |
| 19) Fluoranthene | 19.270 | 202 | 2516 | 0.193 | ng/ul | 98 |
| 20) Pyrene | 19.628 | 202 | 2634 | 0.186 | ng/ul | 96 |
| 21) Benzo(a)anthracene | 21.374 | 228 | 2527 | 0.208 | ng/ul | 98 |
| 22) Chrysene | 21.427 | 228 | 2488 | 0.200 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.002 | 252 | 2591 | 0.209 | ng/ul | 91 |
| 25) Benzo(k)fluoranthene | 23.049 | 252 | 2611m | 0.188 | ng/ul | |
| 26) Benzo(a)pyrene | 23.595 | 252 | 2417 | 0.201 | ng/ul# | 89 |
| 27) Indeno(1,2,3-cd)pyrene | 26.054 | 276 | 3071 | 0.204 | ng/ul# | 89 |
| 28) Dibenzo(a,h)anthracene | 26.074 | 278 | 2418 | 0.214 | ng/ul# | 92 |
| 29) Benzo(g,h,i)perylene | 26.769 | 276 | 2445 | 0.203 | ng/ul# | 91 |

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

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