Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032724\
Data File : BN030500.D
Acq On : 27 Mar 2024 12:04
Operator : MA/JU
Sample : SSTD0.281
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.2210

Quant Time: Mar 27 15:07:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 15:02:37 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.724 | 152 | 4993 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.507 | 136 | 15093 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.358 | 164 | 8797 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.108 | 188 | 20783 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.301 | 240 | 16010 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.549 | 264 | 13599 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.218 | 96 | 1227 | 0.224 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.102 | 152 | 4508 | 0.198 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.137 | 212 | 10016 | 0.202 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.252 | 88 | 1139 | 0.205 | ng/ul# | 88 |
| 5) Naphthalene | 10.557 | 128 | 8177 | 0.199 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.174 | 142 | 5339 | 0.196 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.394 | 142 | 5687 | 0.198 | ng/ul | 100 |
| 10) Acenaphthylene | 14.081 | 152 | 7743 | 0.195 | ng/ul | 98 |
| 11) Acenaphthene | 14.423 | 153 | 6117 | 0.198 | ng/ul | 98 |
| 12) Fluorene | 15.413 | 166 | 7156 | 0.196 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.749 | 266 | 672 | 0.177 | ng/ul | 98 |
| 15) Phenanthrene | 17.146 | 178 | 12328 | 0.198 | ng/ul | 99 |
| 16) Anthracene | 17.239 | 178 | 10041 | 0.191 | ng/ul | 99 |
| 19) Fluoranthene | 19.170 | 202 | 13155 | 0.199 | ng/ul | 100 |
| 20) Pyrene | 19.532 | 202 | 13181 | 0.203 | ng/ul | 100 |
| 21) Benzo(a)anthracene | 21.283 | 228 | 10621 | 0.192 | ng/ul | 98 |
| 22) Chrysene | 21.336 | 228 | 12284 | 0.201 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.870 | 252 | 10934 | 0.192 | ng/ul | 93 |
| 25) Benzo(k)fluoranthene | 22.914 | 252 | 11081 | 0.185 | ng/ul# | 94 |
| 26) Benzo(a)pyrene | 23.446 | 252 | 8593 | 0.186 | ng/ul# | 90 |
| 27) Indeno(1,2,3-cd)pyrene | 25.823 | 276 | 9578 | 0.183 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 25.843 | 278 | 7472 | 0.180 | ng/ul | 95 |
| 29) Benzo(g,h,i)perylene | 26.517 | 276 | 8456 | 0.190 | ng/ul | 97 |

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

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