Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080222\
Data File : BN020963.D
Acq On : 03 Aug 2022 04:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4263

Quant Time: Aug 03 05:10:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 04:19:04 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.810 | 152 | 2497 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.601 | 136 | 8048 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.455 | 164 | 4626 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.208 | 188 | 9114 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.415 | 240 | 7922 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.757 | 264 | 7146 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.211 | 96 | 1183 | 0.388 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.206 | 152 | 4811 | 0.405 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.248 | 212 | 9674 | 0.399 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.245 | 88 | 1252 | 0.382 | ng/ul | 97 |
| 5) Naphthalene | 10.650 | 128 | 8610 | 0.391 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.278 | 142 | 5348 | 0.399 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.498 | 142 | 5859 | 0.396 | ng/ul | 100 |
| 10) Acenaphthylene | 14.178 | 152 | 7669 | 0.406 | ng/ul | 98 |
| 11) Acenaphthene | 14.520 | 153 | 6128 | 0.388 | ng/ul | 99 |
| 12) Fluorene | 15.515 | 166 | 6728 | 0.370 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.879 | 266 | 551 | 0.379 | ng/ul | 99 |
| 15) Phenanthrene | 17.251 | 178 | 10764 | 0.348 | ng/ul | 100 |
| 16) Anthracene | 17.348 | 178 | 8840 | 0.333 | ng/ul | 99 |
| 19) Fluoranthene | 19.280 | 202 | 11659 | 0.327 | ng/ul | 98 |
| 20) Pyrene | 19.643 | 202 | 12043 | 0.323 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.401 | 228 | 9064 | 0.315 | ng/ul | 100 |
| 22) Chrysene | 21.451 | 228 | 11042 | 0.310 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.046 | 252 | 10709 | 0.314 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 23.093 | 252 | 10826 | 0.293 | ng/ul | 100 |
| 26) Benzo(a)pyrene | 23.654 | 252 | 9934 | 0.309 | ng/ul | 99 |
| 27) Indeno(1,2,3-cd)pyrene | 26.182 | 276 | 11017 | 0.291 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.199 | 278 | 8866 | 0.286 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 26.920 | 276 | 9566 | 0.278 | ng/ul | 99 |

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

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