Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052322\
Data File : BN019912.D
Acq On : 23 May 2022 12:56
Operator : CG/JU
Sample : SSTD0.840
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.8240

Quant Time: May 23 13:52:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 13:50:36 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.855 | 152 | 3824 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.639 | 136 | 13138 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.474 | 164 | 7804 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.213 | 188 | 15306 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.403 | 240 | 12051 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.744 | 264 | 9692 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.319 | 96 | 3086 | 0.682 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.229 | 152 | 18428 | 0.927 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.244 | 212 | 37171 | 0.975 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.353 | 88 | 3194 | 0.665 | ng/ul# | 79 |
| 5) Naphthalene | 10.689 | 128 | 30317 | 0.713 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.306 | 142 | 20504 | 0.791 | ng/ul# | 100 |
| 8) 1-Methylnaphthalene | 12.520 | 142 | 21767 | 0.907 | ng/ul# | 100 |
| 10) Acenaphthylene | 14.192 | 152 | 32923 | 0.853 | ng/ul | 99 |
| 11) Acenaphthene | 14.539 | 153 | 22129 | 0.713 | ng/ul | 100 |
| 12) Fluorene | 15.524 | 166 | 25256 | 0.742 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.871 | 266 | 1788 | 0.543 | ng/ul | 90 |
| 15) Phenanthrene | 17.255 | 178 | 40012 | 0.711 | ng/ul | 99 |
| 16) Anthracene | 17.348 | 178 | 37989 | 0.827 | ng/ul | 98 |
| 19) Fluoranthene | 19.271 | 202 | 45392 | 0.823 | ng/ul | 100 |
| 20) Pyrene | 19.634 | 202 | 45376 | 0.824 | ng/ul | 100 |
| 21) Benzo(a)anthracene | 21.385 | 228 | 36424 | 0.809 | ng/ul | 99 |
| 22) Chrysene | 21.438 | 228 | 36704 | 0.692 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.033 | 252 | 32294 | 0.657 | ng/ul | 90 |
| 25) Benzo(k)fluoranthene | 23.080 | 252 | 31304 | 0.661 | ng/ul | 96 |
| 26) Benzo(a)pyrene | 23.639 | 252 | 30358 | 0.725 | ng/ul# | 76 |
| 27) Indeno(1,2,3-cd)pyrene | 26.148 | 276 | 31645 | 0.606 | ng/ul# | 96 |
| 28) Dibenzo(a,h)anthracene | 26.164 | 278 | 25905 | 0.593 | ng/ul# | 79 |
| 29) Benzo(g,h,i)perylene | 26.885 | 276 | 27104 | 0.567 | ng/ul | 97 |

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

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