Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031533.D
Acq On : 07 Aug 2021 02:31
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 59 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD0.4101

Quant Time: Aug 07 04:33:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.587 | 152 | 1315 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.347 | 136 | 4990 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.220 | 164 | 2788 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.968 | 188 | 5387 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.159 | 240 | 4453 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.317 | 264 | 4482 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.192 | 96 | 504 | 0.345 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.944 | 152 | 2859 | 0.340 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.001 | 212 | 5178 | 0.348 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.227 | 88 | 474 | 0.321 | ng/ul | 95 |
| 5) Naphthalene | 10.397 | 128 | 5284 | 0.355 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.020 | 142 | 3507 | 0.345 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.241 | 142 | 3403 | 0.339 | ng/ul | 100 |
| 10) Acenaphthylene | 13.941 | 152 | 4459 | 0.376 | ng/ul | 99 |
| 11) Acenaphthene | 14.281 | 153 | 3500 | 0.350 | ng/ul | 99 |
| 12) Fluorene | 15.278 | 166 | 3819 | 0.332 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.624 | 266 | 904 | 0.524 | ng/ul | 99 |
| 15) Phenanthrene | 17.009 | 178 | 5884 | 0.344 | ng/ul | 99 |
| 16) Anthracene | 17.103 | 178 | 5583 | 0.349 | ng/ul | 99 |
| 19) Fluoranthene | 19.031 | 202 | 6718 | 0.353 | ng/ul# | 95 |
| 20) Pyrene | 19.394 | 202 | 6835 | 0.354 | ng/ul# | 95 |
| 21) Benzo(a)anthracene | 21.144 | 228 | 6248 | 0.347 | ng/ul | 97 |
| 22) Chrysene | 21.195 | 228 | 6318 | 0.340 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 22.674 | 252 | 6481 | 0.321 | ng/ul | 91 |
| 25) Benzo(k)fluoranthene | 22.718 | 252 | 6535 | 0.313 | ng/ul# | 94 |
| 26) Benzo(a)pyrene | 23.224 | 252 | 5841 | 0.330 | ng/ul# | 88 |
| 27) Indeno(1,2,3-cd)pyrene | 25.453 | 276 | 7410 | 0.324 | ng/ul# | 97 |
| 28) Dibenzo(a,h)anthracene | 25.466 | 278 | 5943 | 0.323 | ng/ul | 96 |
| 29) Benzo(g,h,i)perylene | 26.100 | 276 | 6348 | 0.326 | ng/ul | 95 |

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

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