Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
Data File : BM034847.D
Acq On : 26 Apr 2022 21:28
Operator : CG/JU
Sample : N2475-12MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A0BM8MSD

Quant Time: Apr 27 01:33:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.943 | 152 | 5666 | 0.400 | ng/ul | # 0.00 |
| 4) Naphthalene-d8 | 10.743 | 136 | 14886 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.570 | 164 | 7883 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.309 | 188 | 16504 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.485 | 240 | 13071 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.879 | 264 | 13183 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.382 | 96 | 14560 | 2.323 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.327 | 152 | 6749 | 0.323 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.336 | 212 | 16523 | 0.401 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.415 | 88 | 3107 | 0.521 | ng/ul# | 81 |
| 5) Naphthalene | 10.792 | 128 | 14529 | 0.341 | ng/ul# | 88 |
| 7) 2-Methylnaphthalene | 12.404 | 142 | 9133 | 0.323 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.618 | 142 | 8966 | 0.323 | ng/ul | 100 |
| 10) Acenaphthylene | 14.288 | 152 | 13573 | 0.394 | ng/ul# | 90 |
| 11) Acenaphthene | 14.631 | 153 | 9977 | 0.342 | ng/ul | 96 |
| 12) Fluorene | 15.616 | 166 | 12046 | 0.367 | ng/ul# | 97 |
| 14) Pentachlorophenol | 16.959 | 266 | 4222 | 0.862 | ng/ul | 98 |
| 15) Phenanthrene | 17.351 | 178 | 21756 | 0.399 | ng/ul | 95 |
| 16) Anthracene | 17.440 | 178 | 20135 | 0.414 | ng/ul | 97 |
| 19) Fluoranthene | 19.364 | 202 | 25253 | 0.402 | ng/ul | 99 |
| 20) Pyrene | 19.726 | 202 | 26135 | 0.415 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.471 | 228 | 21958 | 0.432 | ng/ul | 98 |
| 22) Chrysene | 21.523 | 228 | 22169 | 0.409 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.151 | 252 | 22734 | 0.378 | ng/ul | 90 |
| 25) Benzo(k)fluoranthene | 23.198 | 252 | 21968 | 0.365 | ng/ul# | 88 |
| 26) Benzo(a)pyrene | 23.771 | 252 | 20619 | 0.420 | ng/ul# | 85 |
| 27) Indeno(1,2,3-cd)pyrene | 26.356 | 276 | 25013 | 0.363 | ng/ul# | 83 |
| 28) Dibenzo(a,h)anthracene | 26.376 | 278 | 20403 | 0.364 | ng/ul# | 90 |
| 29) Benzo(g,h,i)perylene | 27.114 | 276 | 21326 | 0.358 | ng/ul | 94 |

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

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