Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
Data File : BM037409.D
Acq On : 08 Nov 2022 02:14
Operator : CG/JU
Sample : N5408-14MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
EW4Z2MSD

Quant Time: Nov 08 03:21:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:30:18 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.837 | 152 | 4478 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.633 | 136 | 14493 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.468 | 164 | 8424 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.208 | 188 | 17497 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.380 | 240 | 11836 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.715 | 264 | 9906 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.259 | 96 | 1169 | 0.206 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.222 | 152 | 6554 | 0.301 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.233 | 212 | 17623 | 0.476 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.293 | 88 | 3199 | 0.569 | ng/ul# | 90 |
| 5) Naphthalene | 10.682 | 128 | 13161 | 0.313 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.299 | 142 | 8098 | 0.308 | ng/ul | 96 |
| 8) 1-Methylnaphthalene | 12.514 | 142 | 8795 | 0.325 | ng/ul | 99 |
| 10) Acenaphthylene | 14.191 | 152 | 11678 | 0.326 | ng/ul | 100 |
| 11) Acenaphthene | 14.529 | 153 | 10411 | 0.328 | ng/ul | 98 |
| 12) Fluorene | 15.519 | 166 | 12257 | 0.338 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.866 | 266 | 3471 | 0.752 | ng/ul | 99 |
| 15) Phenanthrene | 17.250 | 178 | 22120 | 0.369 | ng/ul | 100 |
| 16) Anthracene | 17.343 | 178 | 18321 | 0.375 | ng/ul | 99 |
| 19) Fluoranthene | 19.261 | 202 | 27363 | 0.488 | ng/ul | 97 |
| 20) Pyrene | 19.624 | 202 | 28644 | 0.488 | ng/ul | 100 |
| 21) Benzo(a)anthracene | 21.365 | 228 | 22202 | 0.435 | ng/ul | 100 |
| 22) Chrysene | 21.415 | 228 | 24378 | 0.428 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.002 | 252 | 24836 | 0.437 | ng/ul | 97 |
| 25) Benzo(k)fluoranthene | 23.049 | 252 | 23516 | 0.432 | ng/ul | 98 |
| 26) Benzo(a)pyrene | 23.610 | 252 | 19738 | 0.415 | ng/ul | 96 |
| 27) Indeno(1,2,3-cd)pyrene | 26.121 | 276 | 25113 | 0.397 | ng/ul | 98 |
| 28) Dibenzo(a,h)anthracene | 26.142 | 278 | 19400 | 0.398 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 26.863 | 276 | 21659 | 0.396 | ng/ul | 98 |

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

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