Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040258.D
Acq On : 15 Jun 2023 14:20
Operator : MA/JU
Sample : 03088-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCFQ9MSD

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 23:42:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.974 | 152 | 9063 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.784 | 136 | 32534 | 0.400 | ng/ul | | 0.00 |
| 9) Acenaphthene-d10 | 14.609 | 164 | 15658 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 17.353 | 188 | 29242 | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.529 | 240 | 19045 | 0.400 | ng/ul | # | 0.00 |
| 23) Perylene-d12 | 23.953 | 264 | 18911 | 0.400 | ng/ul | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.350 | 96 | 2259 | 0.202 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.367 | 152 | 4868 | 0.118 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.375 | 212 | 7284 | 0.153 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.388 | 88 | 5325 | 0.453 | ng/ul | # | 65 |
| 5) Naphthalene | 10.833 | 128 | 12006 | 0.156 | ng/ul | | 97 |
| 7) 2-Methylnaphthalene | 12.439 | 142 | 7437 | 0.155 | ng/ul | | 98 |
| 8) 1-Methylnaphthalene | 12.659 | 142 | 7062 | 0.141 | ng/ul | | 98 |
| 10) Acenaphthylene | 14.332 | 152 | 10356 | 0.189 | ng/ul | | 97 |
| 11) Acenaphthene | 14.670 | 153 | 7449 | 0.159 | ng/ul | | 99 |
| 12) Fluorene | 15.655 | 166 | 7847 | 0.150 | ng/ul | | 98 |
| 14) Pentachlorophenol | 17.003 | 266 | 1005 | 0.168 | ng/ul | | 97 |
| 15) Phenanthrene | 17.391 | 178 | 50077 | 0.651 | ng/ul | | 100 |
| 16) Anthracene | 17.484 | 178 | 14427 | 0.221 | ng/ul | | 97 |
| 19) Fluoranthene | 19.403 | 202 | 170583 | 2.629 | ng/ul | | 99 |
| 20) Pyrene | 19.765 | 202 | 116142 | 1.723 | ng/ul | | 98 |
| 21) Benzo(a)anthracene | 21.512 | 228 | 80781 | 1.437 | ng/ul | | 99 |
| 22) Chrysene | 21.564 | 228 | 90626 | 1.526 | ng/ul | | 98 |
| 24) Benzo(b)fluoranthene | 23.213 | 252 | 135857 | 1.949 | ng/ul | | 97 |
| 25) Benzo(k)fluoranthene | 23.260 | 252 | 57743m | 0.880 | ng/ul | | |
| 26) Benzo(a)pyrene | 23.844 | 252 | 63192 | 1.105 | ng/ul | | 94 |
| 27) Indeno(1,2,3-cd)pyrene | 26.464 | 276 | 62046 | 0.857 | ng/ul | # | 96 |
| 28) Dibenzo(a,h)anthracene | 26.484 | 278 | 23309 | 0.401 | ng/ul | # | 92 |
| 29) Benzo(g,h,i)perylene | 27.239 | 276 | 57356 | 0.948 | ng/ul | | 98 |

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

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