Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037111.D
Acq On : 17 Oct 2022 14:03
Operator : CG/JU
Sample : N5049-14RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C0BS0RE

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 18 08:39:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.926 | 152 | 5915 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.727 | 136 | 19877 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.553 | 164 | 9834 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.293 | 188 | 17071 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.470 | 240 | 15406 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.864 | 264 | 24079 | 0.400 | ng/ul | # 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.335 | 96 | 33545 | 4.021 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.316 | 152 | 7469 | 0.249 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.318 | 212 | 10364 | 0.225 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.776 | 128 | 71014 | 1.250 | ng/ul | 97 |
| 7) 2-Methylnaphthalene | 12.387 | 142 | 41050 | 1.181 | ng/ul | 92 |
| 8) 1-Methylnaphthalene | 12.607 | 142 | 29905 | 0.847 | ng/ul | 100 |
| 10) Acenaphthylene | 14.280 | 152 | 331646 | 8.114 | ng/ul | 97 |
| 11) Acenaphthene | 14.618 | 153 | 10514 | 0.296 | ng/ul | 97 |
| 12) Fluorene | 15.603 | 166 | 15675 | 0.390 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.947 | 266 | 381 | 0.092 | ng/ul | 98 |
| 15) Phenanthrene | 17.335 | 178 | 132423 | 2.430 | ng/ul | 99 |
| 16) Anthracene | 17.428 | 178 | 608586 | 13.363 | ng/ul | 98 |
| 19) Fluoranthene | 19.346 | 202 | 925649 | 15.106 | ng/ul | 98 |
| 20) Pyrene | 19.713 | 202 | 1215592 | 19.023 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.452 | 228 | 1029437 | 18.494 | ng/ul | 96 |
| 22) Chrysene | 21.508 | 228 | 1585352 | 26.528 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.142 | 252 | 3783457 | 35.172 | ng/ul | 87 |
| 25) Benzo(k)fluoranthene | 23.182 | 252 | 1099103m | 10.486 | ng/ul | |
| 26) Benzo(a)pyrene | 23.764 | 252 | 2095124 | 24.006 | ng/ul# | 75 |
| 27) Indeno(1,2,3-cd)pyrene | 26.366 | 276 | 2604364 | 21.066 | ng/ul# | 98 |
| 28) Dibenzo(a,h)anthracene | 26.369 | 278 | 679528m | 6.801 | ng/ul | |
| 29) Benzo(g,h,i)perylene | 27.127 | 276 | 2245483 | 20.611 | ng/ul | 98 |

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

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