Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040457.D
Acq On : 30 Jun 2023 03:16
Operator : MA/JU
Sample : 03143-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 30 04:51:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DCFU4DL

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.940 | 152 | 7579 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.750 | 136 | 27103 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.582 | 164 | 12910 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.328 | 188 | 24236 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.509 | 240 | 13939 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.920 | 264 | 13023 | 0.400 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.329 | 96 | 4787 | 0.402 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.340 | 152 | 1099 | 0.029 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.352 | 212 | 1626 | 0.036 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 15) Phenanthrene | 17.370 | 178 | 6952 | 0.092 | ng/ul | 95 |
| 16) Anthracene | 17.463 | 178 | 1720 | 0.027 | ng/ul# | 77 |
| 19) Fluoranthene | 19.384 | 202 | 14049 | 0.237 | ng/ul | 99 |
| 20) Pyrene | 19.747 | 202 | 11780m | 0.186 | ng/ul | |
| 21) Benzo(a)anthracene | 21.491 | 228 | 5640 | 0.120 | ng/ul# | 92 |
| 22) Chrysene | 21.547 | 228 | 8439 | 0.157 | ng/ul# | 94 |
| 24) Benzo(b)fluoranthene | 23.186 | 252 | 11053 | 0.219 | ng/ul# | 68 |
| 25) Benzo(k)fluoranthene | 23.227 | 252 | 3669m | 0.074 | ng/ul | |
| 26) Benzo(a)pyrene | 23.812 | 252 | 6098 | 0.134 | ng/ul# | 62 |
| 27) Indeno(1,2,3-cd)pyrene | 26.420 | 276 | 5698 | 0.090 | ng/ul# | 85 |
| 28) Dibenzo(a,h)anthracene | 26.430 | 278 | 1396 | 0.028 | ng/ul# | 1 |
| 29) Benzo(g,h,i)perylene | 27.198 | 276 | 5725 | 0.103 | ng/ul# | 83 |

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

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