Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031630.D
Acq On : 10 Aug 2021 08:07
Operator : CG/JU
Sample : M3169-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C00A7

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:37:13 PM

Quant Time: Aug 10 09:20:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.576 | 152 | 1403 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.338 | 136 | 5067 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.208 | 164 | 3609 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.961 | 188 | 5423 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.156 | 240 | 4336 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.314 | 264 | 4805 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.182 | 96 | 7878 | 5.056 | ng/ul | -0.01 |
| 6) 2-Methylnaphthalene-d10 | 11.930 | 152 | 3164 | 0.371 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.997 | 212 | 5911 | 0.408 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.383 | 128 | 39289 | 2.603 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.002 | 142 | 41083 | 3.984 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.227 | 142 | 30698 | 3.013 | ng/ul | 99 |
| 10) Acenaphthylene | 13.932 | 152 | 24894 | 1.620 | ng/ul | 99 |
| 11) Acenaphthene | 14.273 | 153 | 4915m | 0.380 | ng/ul | |
| 12) Fluorene | 15.266 | 166 | 7869 | 0.529 | ng/ul# | 78 |
| 15) Phenanthrene | 17.002 | 178 | 207912 | 12.074 | ng/ul | 98 |
| 16) Anthracene | 17.093 | 178 | 31234 | 1.937 | ng/ul | 99 |
| 19) Fluoranthene | 19.024 | 202 | 271189 | 14.647 | ng/ul# | 96 |
| 20) Pyrene | 19.390 | 202 | 235953 | 12.565 | ng/ul | 96 |
| 21) Benzo(a)anthracene | 21.139 | 228 | 124311 | 7.100 | ng/ul# | 88 |
| 22) Chrysene | 21.193 | 228 | 191593 | 10.576 | ng/ul# | 94 |
| 24) Benzo(b)fluoranthene | 22.677 | 252 | 199198m | 9.201 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.713 | 252 | 52849m | 2.363 | ng/ul | |
| 26) Benzo(a)pyrene | 23.222 | 252 | 120111m | 6.335 | ng/ul | |
| 27) Indeno(1,2,3-cd)pyrene | 25.453 | 276 | 82314 | 3.359 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 25.458 | 278 | 26196 | 1.326 | ng/ul# | 72 |
| 29) Benzo(g,h,i)perylene | 26.105 | 276 | 78297 | 3.745 | ng/ul | 98 |

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

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