Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033502.D
Acq On : 17 Dec 2021 12:33
Operator : CG/JU
Sample : M5089-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 17 13:02:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 17:10:15 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
MS-4

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.937 | 152 | 49681 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.748 | 136 | 214025 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.583 | 164 | 146678 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.330 | 188 | 297143 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.506 | 240 | 193722 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.924 | 264 | 158447 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.501 | 112 | 433937 | 150.717 | ng | 0.00 |
| 7) Phenol-d6 | 7.107 | 99 | 595439 | 154.106 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.107 | 82 | 453639 | 91.009 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.071 | 330 | 223011 | 135.161 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.207 | 172 | 935163 | 88.194 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.953 | 244 | 1287103 | 104.600 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 10) Phenol | 7.131 | 94 | 8999 | 2.305 | ng | # 41 |
| 37) 2-Methylnaphthalene | 12.407 | 142 | 21767 | 2.714 | ng | 93 |
| 52) Acenaphthene | 14.642 | 154 | 56878 | 7.041 | ng | 97 |
| 55) Dibenzofuran | 14.983 | 168 | 64125 | 4.684 | ng | 94 |
| 58) Fluorene | 15.630 | 166 | 69510 | 6.326 | ng | 97 |
| 71) Phenanthrene | 17.371 | 178 | 639947 | 38.696 | ng | 99 |
| 72) Anthracene | 17.459 | 178 | 118833 | 7.350 | ng | 98 |
| 73) Carbazole | 17.742 | 167 | 50100 | 3.510 | ng | 98 |
| 75) Fluoranthene | 19.389 | 202 | 1046795 | 55.024 | ng | 97 |
| 78) Pyrene | 19.748 | 202 | 767244 | 50.196 | ng | 99 |
| 81) Benzo(a)anthracene | 21.495 | 228 | 226902 | 17.476 | ng | 96 |
| 83) Chrysene | 21.547 | 228 | 249973m | 19.996 | ng | |
| 84) Bis(2-ethylhexyl)phtha... | 21.418 | 149 | 648612 | 64.691 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.424 | 276 | 77611 | 10.624 | ng | # 93 |
| 88) Benzo(b)fluoranthene | 23.189 | 252 | 245802m | 24.192 | ng | |
| 89) Benzo(k)fluoranthene | 23.230 | 252 | 49662m | 4.832 | ng | |
| 90) Benzo(a)pyrene | 23.818 | 252 | 126073 | 16.581 | ng | 97 |
| 91) Dibenzo(a,h)anthracene | 26.430 | 278 | 23209 | 4.236 | ng | # 77 |
| 92) Benzo(g,h,i)perylene | 27.206 | 276 | 81755 | 11.603 | ng | 97 |

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

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