Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
Data File : BN007097.D
Acq On : 12 Aug 2019 14:41
Operator : HP/JU
Sample : K4144-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PST-006-B258-073119MS

**Manual Integrations APPROVED**
mohammad

Quant Time: Aug 13 04:55:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration

8/14/2019 2:51:27 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.43 | 152 | 9175 | 0.40 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.19 | 136 | 34476 | 0.40 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.08 | 164 | 19785 | 0.40 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 16.82 | 188 | 49758 | 0.40 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.05 | 240 | 50830 | 0.40 | ng | | -0.01 |
| 32) Perylene-d12 | 23.16 | 264 | 54920 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 3) 2-Fluorophenol | 5.06 | 112 | 7836 | 0.36 | ng | | 0.00 |
| 4) Phenol-d6 | 6.61 | 99 | 10556 | 0.39 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.56 | 82 | 8119 | 0.29 | ng | | 0.00 |
| 10) 2-Methylnaphthalene-d10 | 11.79 | 152 | 23254m | 0.36 | ng | | 0.00 |
| 13) 2,4,6-Tribromophenol | 15.57 | 330 | 2469 | 0.23 | ng | | 0.00 |
| 14) 2-Fluorobiphenyl | 12.71 | 172 | 5561 | 0.19 | ng | | 0.00 |
| 24) Fluoranthene-d10 | 18.87 | 212 | 55021 | 0.31 | ng | | 0.00 |
| 28) Terphenyl-d14 | 19.49 | 244 | 42396 | 0.31 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) n-Nitrosodimethylamine | 3.34 | 42 | 1627 | 0.270 | ng | # | 84 |
| 5) bis(2-Chloroethyl)ether | 6.87 | 93 | 6752 | 0.280 | ng | | 99 |
| 8) Naphthalene | 10.24 | 128 | 25674 | 0.266 | ng | | 99 |
| 9) Hexachlorobutadiene | 10.54 | 225 | 5069 | 0.246 | ng | # | 100 |
| 11) 2-Methylnaphthalene | 11.86 | 142 | 18146 | 0.265 | ng | | 98 |
| 15) Acenaphthylene | 13.79 | 152 | 28909 | 0.280 | ng | | 100 |
| 16) Acenaphthene | 14.13 | 154 | 16917 | 0.255 | ng | | 100 |
| 17) Fluorene | 15.14 | 166 | 22251 | 0.224 | ng | | 99 |
| 19) 4-Bromophenyl-phenylether | 16.03 | 248 | 8154 | 0.265 | ng | # | 85 |
| 20) Hexachlorobenzene | 16.14 | 284 | 7760 | 0.262 | ng | | 99 |
| 21) Pentachlorophenol | 16.48 | 266 | 3845 | 0.349 | ng | | 98 |
| 22) Phenanthrene | 16.87 | 178 | 56367 | 0.378 | ng | | 100 |
| 23) Anthracene | 16.95 | 178 | 38204 | 0.280 | ng | | 100 |
| 25) Fluoranthene | 18.90 | 202 | 86504 | 0.453 | ng | | 100 |
| 27) Pyrene | 19.26 | 202 | 84216 | 0.472 | ng | | 99 |
| 29) Benzo(a)anthracene | 21.02 | 228 | 60333 | 0.325 | ng | | 98 |
| 30) Chrysene | 21.08 | 228 | 69143 | 0.383 | ng | | 99 |
| 31) Indeno(1,2,3-cd)pyrene | 25.23 | 276 | 67277 | 0.338 | ng | | 98 |
| 33) Benzo(b)fluoranthene | 22.53 | 252 | 71680 | 0.381 | ng | | 99 |
| 34) Benzo(k)fluoranthene | 22.58 | 252 | 63319 | 0.340 | ng | | 99 |
| 35) Benzo(a)pyrene | 23.07 | 252 | 56883 | 0.333 | ng | | 100 |
| 36) Dibenzo(a,h)anthracene | 25.25 | 278 | 47850 | 0.281 | ng | | 98 |
| 37) Benzo(g,h,i)perylene | 25.85 | 276 | 58995 | 0.337 | ng | | 99 |

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

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