Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
Data File : BN007229.D
Acq On : 16 Aug 2019 18:48
Operator : HP/JU
Sample : K4282-16MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED

Quant Time: Aug 17 02:03:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.42 | 152 | 7377 | 0.40 | ng | | -0.02 |
| 6) Naphthalene-d8 | 10.17 | 136 | 28339 | 0.40 | ng | | -0.01 |
| 12) Acenaphthene-d10 | 14.07 | 164 | 16350 | 0.40 | ng | | -0.01 |
| 18) Phenanthrene-d10 | 16.81 | 188 | 37908 | 0.40 | ng | | -0.01 |
| 26) Chrysene-d12 | 21.03 | 240 | 36862 | 0.40 | ng | | -0.02 |
| 32) Perylene-d12 | 23.15 | 264 | 40329 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 3) 2-Fluorophenol | 5.05 | 112 | 8657 | 0.49 | ng | | 0.00 |
| 4) Phenol-d6 | 6.61 | 99 | 11602 | 0.53 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.55 | 82 | 8720 | 0.38 | ng | | -0.01 |
| 10) 2-Methylnaphthalene-d10 | 11.78 | 152 | 19845m | 0.38 | ng | | -0.01 |
| 13) 2,4,6-Tribromophenol | 15.56 | 330 | 3169 | 0.36 | ng | | -0.01 |
| 14) 2-Fluorobiphenyl | 12.71 | 172 | 1100 | 0.05 | ng | | 0.00 |
| 24) Fluoranthene-d10 | 18.86 | 212 | 36827 | 0.27 | ng | | -0.01 |
| 28) Terphenyl-d14 | 19.48 | 244 | 26842 | 0.27 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) n-Nitrosodimethylamine | 3.34 | 42 | 2221 | 0.458 | ng | # | 99 |
| 5) bis(2-Chloroethyl)ether | 6.85 | 93 | 7958 | 0.410 | ng | | 98 |
| 8) Naphthalene | 10.22 | 128 | 59604 | 0.750 | ng | | 99 |
| 9) Hexachlorobutadiene | 10.53 | 225 | 5310 | 0.313 | ng | # | 100 |
| 11) 2-Methylnaphthalene | 11.85 | 142 | 49551 | 0.880 | ng | | 97 |
| 15) Acenaphthylene | 13.78 | 152 | 77249 | 0.904 | ng | | 98 |
| 16) Acenaphthene | 14.13 | 154 | 95655 | 1.747 | ng | | 99 |
| 17) Fluorene | 15.12 | 166 | 126460 | 1.544 | ng | | 98 |
| 19) 4-Bromophenyl-phenylether | 16.03 | 248 | 7971 | 0.340 | ng | | 95 |
| 20) Hexachlorobenzene | 16.13 | 284 | 7533 | 0.334 | ng | | 98 |
| 21) Pentachlorophenol | 16.47 | 266 | 3112 | 0.370 | ng | | 99 |
| 22) Phenanthrene | 16.86 | 178 | 1399610 | 12.320 | ng | | 100 |
| 23) Anthracene | 16.95 | 178 | 361779 | 3.485 | ng | # | 94 |
| 25) Fluoranthene | 18.89 | 202 | 1407083 | 9.682 | ng | | 99 |
| 27) Pyrene | 19.25 | 202 | 1204764 | 9.320 | ng | # | 94 |
| 29) Benzo(a)anthracene | 21.02 | 228 | 707278 | 5.247 | ng | | 97 |
| 30) Chrysene | 21.08 | 228 | 592044 | 4.520 | ng | | 97 |
| 31) Indeno(1,2,3-cd)pyrene | 25.22 | 276 | 280655 | 1.944 | ng | | 99 |
| 33) Benzo(b)fluoranthene | 22.53 | 252 | 605374 | 4.378 | ng | | 99 |
| 34) Benzo(k)fluoranthene | 22.57 | 252 | 269357m | 1.972 | ng | | |
| 35) Benzo(a)pyrene | 23.06 | 252 | 477523 | 3.809 | ng | | 99 |
| 36) Dibenzo(a,h)anthracene | 25.24 | 278 | 108216 | 0.865 | ng | | 96 |
| 37) Benzo(g,h,i)perylene | 25.85 | 276 | 245707 | 1.910 | ng | | 99 |

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

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