Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052219\
Data File : BE099713.D
Acq On : 22 May 2019 10:06
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
5/24/2019 8:47:48 AM

Quant Time: May 22 11:54:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 2095 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.61 | 136 | 8237 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.49 | 164 | 5909 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.23 | 188 | 17458 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.41 | 240 | 23551 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.96 | 264 | 27834 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.37 | 112 | 1992 | 0.38 | ng | | 0.00 |
| 5) Phenol-d6 | 6.97 | 99 | 2715 | 0.39 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.98 | 82 | 2540 | 0.36 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 5100 | 0.36 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.98 | 330 | 1243 | 0.41 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.10 | 172 | 7916 | 0.35 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.26 | 212 | 79109 | 0.33 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 15980 | 0.38 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 1010 | 0.326 | ng | | 93 |
| 3) n-Nitrosodimethylamine | 3.63 | 42 | 555 | 0.324 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.24 | 93 | 2448 | 0.393 | ng | | 93 |
| 9) Naphthalene | 10.67 | 128 | 31902 | 0.362 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.94 | 225 | 2268 | 0.350 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.30 | 142 | 5220 | 0.363 | ng | | 99 |
| 16) Acenaphthylene | 14.20 | 152 | 9814 | 0.356 | ng | | 100 |
| 17) Acenaphthene | 14.54 | 154 | 5601 | 0.362 | ng | | 97 |
| 18) Fluorene | 15.53 | 166 | 8425 | 0.370 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.43 | 248 | 3622 | 0.360 | ng | | 94 |
| 21) Hexachlorobenzene | 16.53 | 284 | 3888 | 0.377 | ng | | 99 |
| 22) Pentachlorophenol | 16.91 | 266 | 754 | 0.418 | ng | | 95 |
| 23) Phenanthrene | 17.27 | 178 | 15734 | 0.369 | ng | | 100 |
| 24) Anthracene | 17.36 | 178 | 13903 | 0.359 | ng | | 100 |
| 26) Fluoranthene | 19.29 | 202 | 23093 | 0.342 | ng | | 99 |
| 28) Pyrene | 19.65 | 202 | 23692 | 0.400 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 27111 | 0.405 | ng | | 99 |
| 31) Chrysene | 21.45 | 228 | 28168 | 0.394 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 34544 | 0.448 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.64 | 276 | 34412 | 0.398 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.17 | 252 | 28385m | 0.372 | ng | | |
| 36) Benzo(k)fluoranthene | 23.22 | 252 | 28484 | 0.358 | ng | | 100 |
| 37) Benzo(a)pyrene | 23.84 | 252 | 26833 | 0.366 | ng | # | 98 |
| 38) Dibenzo(a,h)anthracene | 26.67 | 278 | 28174 | 0.366 | ng | # | 98 |
| 39) Benzo(g,h,i)perylene | 27.48 | 276 | 27814 | 0.357 | ng | | 99 |

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

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