Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100484.D
Acq On : 22 Jul 2019 17:21
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** ICVBE072219

Quant Time: Jul 22 18:02:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 17:11:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 2544 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.67 | 136 | 10706 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.50 | 164 | 7256 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.21 | 188 | 19464 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.38 | 240 | 21746 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.86 | 264 | 23565 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.45 | 112 | 2530 | 0.41 | ng | | 0.00 |
| 5) Phenol-d6 | 7.02 | 99 | 3492 | 0.39 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.02 | 82 | 3495 | 0.39 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.25 | 152 | 6819 | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.97 | 330 | 1190 | 0.38 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.13 | 172 | 11155 | 0.38 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.24 | 212 | 100575 | 0.38 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.83 | 244 | 21487 | 0.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 1452 | 0.340 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.67 | 42 | 781 | 0.335 | ng | # | 69 |
| 6) bis(2-Chloroethyl)ether | 7.29 | 93 | 3134 | 0.412 | ng | | 93 |
| 9) Naphthalene | 10.71 | 128 | 40733 | 0.396 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.00 | 225 | 1922 | 0.391 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.32 | 142 | 7179 | 0.388 | ng | | 99 |
| 16) Acenaphthylene | 14.21 | 152 | 12511 | 0.373 | ng | | 99 |
| 17) Acenaphthene | 14.56 | 154 | 7594 | 0.376 | ng | | 99 |
| 18) Fluorene | 15.53 | 166 | 10269 | 0.381 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.43 | 248 | 3491 | 0.377 | ng | | 96 |
| 21) Hexachlorobenzene | 16.53 | 284 | 3555 | 0.373 | ng | | 99 |
| 22) Pentachlorophenol | 16.88 | 266 | 1415 | 0.432 | ng | | 99 |
| 23) Phenanthrene | 17.26 | 178 | 18578 | 0.390 | ng | | 100 |
| 24) Anthracene | 17.35 | 178 | 17168 | 0.378 | ng | | 99 |
| 26) Fluoranthene | 19.27 | 202 | 26011 | 0.379 | ng | | 100 |
| 28) Pyrene | 19.63 | 202 | 27307 | 0.403 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.37 | 228 | 26334 | 0.397 | ng | | 99 |
| 31) Chrysene | 21.41 | 228 | 26013 | 0.397 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 59694 | 0.392 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.48 | 276 | 28142 | 0.394 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.10 | 252 | 24457 | 0.379 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 23.15 | 252 | 27352 | 0.404 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.74 | 252 | 24531 | 0.391 | ng | | 97 |
| 38) Dibenzo(a,h)anthracene | 26.51 | 278 | 22930 | 0.387 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 27.28 | 276 | 23674 | 0.390 | ng | | 99 |

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

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