Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
Data File : BE099082.D
Acq On : 22 Mar 2019 16:10
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** ICVBE032219

Quant Time: Mar 23 00:49:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 00:46:37 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.84 | 152 | 3731 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.64 | 136 | 14327 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.49 | 164 | 9647 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.21 | 188 | 28327 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.39 | 240 | 36971 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.90 | 264 | 38833 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.41 | 112 | 3713 | 0.33 | ng | | 0.00 |
| 5) Phenol-d6 | 6.99 | 99 | 5358 | 0.34 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.99 | 82 | 2620 | 0.42 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 9226 | 0.36 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.96 | 330 | 1026 | 0.36 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.12 | 172 | 13804 | 0.36 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.24 | 212 | 133099 | 0.35 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.84 | 244 | 27348 | 0.35 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 1938 | 0.335 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.67 | 42 | 755 | 0.253 | ng | # | 94 |
| 6) bis(2-Chloroethyl)ether | 7.28 | 93 | 4598 | 0.354 | ng | # | 86 |
| 9) Naphthalene | 10.68 | 128 | 59571 | 0.353 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.97 | 225 | 2963 | 0.359 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.30 | 142 | 9845 | 0.340 | ng | | 95 |
| 16) Acenaphthylene | 14.21 | 152 | 17080 | 0.332 | ng | | 96 |
| 17) Acenaphthene | 14.54 | 154 | 10509 | 0.344 | ng | | 98 |
| 18) Fluorene | 15.51 | 166 | 15343 | 0.344 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.41 | 248 | 5358 | 0.342 | ng | # | 85 |
| 21) Hexachlorobenzene | 16.52 | 284 | 5003 | 0.344 | ng | | 94 |
| 22) Pentachlorophenol | 16.87 | 266 | 1338 | 0.475 | ng | | 83 |
| 23) Phenanthrene | 17.25 | 178 | 29265 | 0.348 | ng | | 99 |
| 24) Anthracene | 17.35 | 178 | 26311 | 0.331 | ng | | 100 |
| 26) Fluoranthene | 19.27 | 202 | 40195 | 0.340 | ng | | 99 |
| 28) Pyrene | 19.63 | 202 | 41452 | 0.331 | ng | | 98 |
| 30) Benzo(a)anthracene | 21.37 | 228 | 43880 | 0.337 | ng | | 98 |
| 31) Chrysene | 21.43 | 228 | 45108 | 0.347 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 45571 | 0.270 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.56 | 276 | 48034 | 0.343 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 23.13 | 252 | 44144 | 0.329 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.18 | 252 | 43567 | 0.331 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.79 | 252 | 39964 | 0.322 | ng | | 97 |
| 38) Dibenzo(a,h)anthracene | 26.59 | 278 | 39409 | 0.326 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 27.38 | 276 | 40903 | 0.330 | ng | | 97 |

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

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