Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050219\
Data File : BE099503.D
Acq On : 2 May 2019 21:08
Operator : JU/SJ
Sample : K2589-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PST-001-B196-042519MSD

**Manual Integrations APPROVED**
Sohil
5/3/2019 4:23:30 PM

Quant Time: May 03 05:12:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 2137 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.60 | 136 | 7460 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.46 | 164 | 5190 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.19 | 188 | 16987 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.37 | 240 | 25246 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.87 | 264 | 29277 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.39 | 112 | 1636 | 0.28 | ng | | 0.00 |
| 5) Phenol-d6 | 6.96 | 99 | 2426 | 0.31 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.96 | 82 | 1945 | 0.28 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.19 | 152 | 3232m | 0.24 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.94 | 330 | 1025 | 0.31 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.07 | 172 | 4752 | 0.24 | ng | | -0.02 |
| 25) Fluoranthene-d10 | 19.22 | 212 | 57773 | 0.25 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.82 | 244 | 12901 | 0.28 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 758 | 0.258 | ng | # | 85 |
| 3) n-Nitrosodimethylamine | 3.62 | 42 | 491 | 0.277 | ng | # | 76 |
| 6) bis(2-Chloroethyl)ether | 7.23 | 93 | 1844 | 0.272 | ng | | 95 |
| 9) Naphthalene | 10.65 | 128 | 48188 | 0.593 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.93 | 225 | 1416 | 0.250 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.27 | 142 | 28094 | 1.987 | ng | | 95 |
| 16) Acenaphthylene | 14.18 | 152 | 15675 | 0.617 | ng | | 98 |
| 17) Acenaphthene | 14.51 | 154 | 4753 | 0.328 | ng | | 98 |
| 18) Fluorene | 15.49 | 166 | 9717 | 0.454 | ng | | 96 |
| 20) 4-Bromophenyl-phenylether | 16.39 | 248 | 2494 | 0.252 | ng | | 96 |
| 21) Hexachlorobenzene | 16.49 | 284 | 2454 | 0.260 | ng | | 98 |
| 22) Pentachlorophenol | 16.84 | 266 | 3169 | 0.775 | ng | | 99 |
| 23) Phenanthrene | 17.23 | 178 | 40911 | 0.933 | ng | | 99 |
| 24) Anthracene | 17.32 | 178 | 15337 | 0.367 | ng | | 98 |
| 26) Fluoranthene | 19.25 | 202 | 69801 | 1.063 | ng | | 100 |
| 28) Pyrene | 19.61 | 202 | 69947 | 1.063 | ng | | 97 |
| 30) Benzo(a)anthracene | 21.35 | 228 | 57469 | 0.714 | ng | | 96 |
| 31) Chrysene | 21.40 | 228 | 53589 | 0.681 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 53861 | 0.403 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.52 | 276 | 49538 | 0.532 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 23.10 | 252 | 62619 | 0.742 | ng | # | 94 |
| 36) Benzo(k)fluoranthene | 23.15 | 252 | 40173 | 0.493 | ng | # | 95 |
| 37) Benzo(a)pyrene | 23.76 | 252 | 52368 | 0.656 | ng | # | 98 |
| 38) Dibenzo(a,h)anthracene | 26.54 | 278 | 28115 | 0.344 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 27.34 | 276 | 46116 | 0.564 | ng | | 99 |

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

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