Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
Data File : BE099078.D
Acq On : 22 Mar 2019 12:41
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC0.8

Quant Time: Mar 22 13:37:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 13:31:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.84 | 152 | 3040 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.64 | 136 | 12008 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.49 | 164 | 8345 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.21 | 188 | 24447 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.39 | 240 | 32607 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.90 | 264 | 32127 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.41 | 112 | 7226 | 0.80 | ng | 0.00 |
| 5) Phenol-d6 | 7.00 | 99 | 10330 | 0.80 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.99 | 82 | 4079 | 0.32 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 17956 | 0.81 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.96 | 330 | 1921 | 0.46 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.12 | 172 | 26921 | 0.78 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.24 | 212 | 273233 | 0.70 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.84 | 244 | 55484 | 0.70 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 3484 | 0.581 | ng | # 87 |
| 3) n-Nitrosodimethylamine | 3.67 | 42 | 1635 | 0.214 | ng | # 100 |
| 6) bis(2-Chloroethyl)ether | 7.27 | 93 | 8795 | 0.888 | ng | 99 |
| 9) Naphthalene | 10.68 | 128 | 116833 | 0.850 | ng | 99 |
| 10) Hexachlorobutadiene | 10.97 | 225 | 5633 | 0.619 | ng | 98 |
| 12) 2-Methylnaphthalene | 12.31 | 142 | 19978 | 0.896 | ng | 98 |
| 16) Acenaphthylene | 14.21 | 152 | 35454 | 0.826 | ng | 100 |
| 17) Acenaphthene | 14.54 | 154 | 21204 | 0.833 | ng | 97 |
| 18) Fluorene | 15.51 | 166 | 31490 | 0.858 | ng | 100 |
| 20) 4-Bromophenyl-phenylether | 16.41 | 248 | 10932 | 0.825 | ng | 98 |
| 21) Hexachlorobenzene | 16.52 | 284 | 10197 | 0.647 | ng | 99 |
| 22) Pentachlorophenol | 16.87 | 266 | 2628 | 0.821 | ng | 93 |
| 23) Phenanthrene | 17.25 | 178 | 60327 | 0.868 | ng | 99 |
| 24) Anthracene | 17.35 | 178 | 56263 | 0.947 | ng | 100 |
| 26) Fluoranthene | 19.27 | 202 | 86118 | 0.878 | ng | 99 |
| 28) Pyrene | 19.63 | 202 | 88187 | 0.884 | ng | 100 |
| 30) Benzo(a)anthracene | 21.37 | 228 | 92836 | 0.912 | ng | 99 |
| 31) Chrysene | 21.43 | 228 | 93412 | 0.858 | ng | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 104717 | 0.484 | ng | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.57 | 276 | 99558 | 0.866 | ng | 100 |
| 35) Benzo(b)fluoranthene | 23.13 | 252 | 90351 | 0.855 | ng | 99 |
| 36) Benzo(k)fluoranthene | 23.18 | 252 | 87385 | 0.790 | ng | 98 |
| 37) Benzo(a)pyrene | 23.79 | 252 | 83009 | 0.820 | ng | 97 |
| 38) Dibenzo(a,h)anthracene | 26.60 | 278 | 81155 | 0.847 | ng | 99 |
| 39) Benzo(g,h,i)perylene | 27.39 | 276 | 83177 | 0.830 | ng | 99 |

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

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