Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
Data File : BE100543.D
Acq On : 23 Sep 2019 17:08
Operator : HP/JU
Sample : K4883-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** MW2-R2-1MS

**Manual Integrations APPROVED**
mohammad
9/24/2019 2:37:47 PM

Quant Time: Sep 23 18:02:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 6148 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.65 | 136 | 26738 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.49 | 164 | 14745 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.20 | 188 | 29601 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.37 | 240 | 39936 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.83 | 264 | 48071 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.44 | 112 | 3101 | 0.22 | ng | 0.00 |
| 5) Phenol-d6 | 7.02 | 99 | 2503 | 0.13 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.00 | 82 | 6580 | 0.43 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.24 | 152 | 16667m | 0.42 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.96 | 330 | 1055 | 0.44 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.12 | 172 | 23303 | 0.44 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.23 | 212 | 173016 | 0.49 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.82 | 244 | 48205 | 0.51 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 1548 | 0.174 | ng | # 79 |
| 3) n-Nitrosodimethylamine | 3.66 | 42 | 868 | 0.167 | ng | # 91 |
| 6) bis(2-Chloroethyl)ether | 7.27 | 93 | 8201 | 0.412 | ng | 85 |
| 9) Naphthalene | 10.69 | 128 | 122785 | 0.443 | ng | 100 |
| 10) Hexachlorobutadiene | 10.99 | 225 | 3363 | 0.379 | ng | 99 |
| 12) 2-Methylnaphthalene | 12.31 | 142 | 18604 | 0.422 | ng | 99 |
| 16) Acenaphthylene | 14.20 | 152 | 25687 | 0.423 | ng | 99 |
| 17) Acenaphthene | 14.54 | 154 | 17354 | 0.423 | ng | 97 |
| 18) Fluorene | 15.51 | 166 | 21030 | 0.410 | ng | 99 |
| 20) 4-Bromophenyl-phenylether | 16.40 | 248 | 5913 | 0.425 | ng | 96 |
| 21) Hexachlorobenzene | 16.52 | 284 | 4584 | 0.378 | ng | 99 |
| 22) Pentachlorophenol | 16.85 | 266 | 2946 | 1.109 | ng | 92 |
| 23) Phenanthrene | 17.24 | 178 | 35850 | 0.435 | ng | 100 |
| 24) Anthracene | 17.34 | 178 | 30493 | 0.439 | ng | 100 |
| 26) Fluoranthene | 19.25 | 202 | 46270 | 0.465 | ng | 100 |
| 28) Pyrene | 19.62 | 202 | 48826 | 0.425 | ng | 99 |
| 30) Benzo(a)anthracene | 21.34 | 228 | 53882 | 0.505 | ng | 99 |
| 31) Chrysene | 21.40 | 228 | 52786 | 0.434 | ng | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 106086 | 0.923 | ng | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.45 | 276 | 61051 | 0.452 | ng | 100 |
| 35) Benzo(b)fluoranthene | 23.08 | 252 | 57054 | 0.439 | ng | 99 |
| 36) Benzo(k)fluoranthene | 23.12 | 252 | 63968m | 0.425 | ng | |
| 37) Benzo(a)pyrene | 23.72 | 252 | 53926 | 0.444 | ng | 98 |
| 38) Dibenzo(a,h)anthracene | 26.47 | 278 | 50189 | 0.397 | ng | 99 |
| 39) Benzo(g,h,i)perylene | 27.24 | 276 | 54722 | 0.415 | ng | 99 |

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

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