Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046755.D
Acq On : 3 Oct 2020 3:46
Operator : CG/JU
Sample : L4151-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
CB7K8

**Manual Integrations APPROVED**
mohammad
10/5/2020 10:19:34 AM

Quant Time: Oct 03 06:11:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 03:57:33 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.115 | 152 | 71121 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.924 | 136 | 299120 | 20.00 | ng/ul | # 0.00 |
| 36) Acenaphthene-d10 | 14.731 | 164 | 214857 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.475 | 188 | 507569 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.752 | 240 | 510874 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.025 | 264 | 535258 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.532 | 96 | 4879 | 3.37 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.252 | 99 | 101199 | 16.63 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)eth... | 7.428 | 67 | 68619 | 18.48 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.639 | 132 | 78406 | 17.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.803 | 113 | 76691 | 16.11 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.273 | 128 | 43250 | 19.32 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.995 | 143 | 47346 | 20.81 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.530 | 165 | 88518 | 16.54 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.047 | 131 | 67161 | 10.56 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.132 | 166 | 316478 | 19.28 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.426 | 160 | 338744 | 17.38 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.901 | 143 | 46621 | 16.66 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.724 | 176 | 270215 | 17.85 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylph... | 15.824 | 200 | 48574 | 19.15 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.575 | 188 | 388649 | 16.69 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.855 | 212 | 443491 | 16.73 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.796 | 264 | 452595 | 15.69 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 14.179 | 163 | 37361 | 2.25 | ng/ul | 98 |
| 70) Phenanthrene | 17.516 | 178 | 284140 | 10.24 | ng/ul | 96 |
| 72) Anthracene | 17.610 | 178 | 57985 | 2.06 | ng/ul | 96 |
| 75) Carbazole | 17.874 | 167 | 27343 | 1.22 | ng/ul | 99 |
| 77) Fluoranthene | 19.520 | 202 | 477569 | 14.49 | ng/ul | 100 |
| 80) Pyrene | 19.884 | 202 | 391492 | 11.92 | ng/ul# | 97 |
| 83) Benzo(a)anthracene | 21.729 | 228 | 265714 | 7.95 | ng/ul | 98 |
| 85) Chrysene | 21.799 | 228 | 246281 | 7.60 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 23.985 | 252 | 320621 | 9.08 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 24.044 | 252 | 100001 | 2.91 | ng/ul | 98 |
| 91) Benzo(a)pyrene | 24.866 | 252 | 203403 | 6.31 | ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 28.750 | 276 | 139593 | 3.53 | ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 28.797 | 278 | 42284m | 1.29 | ng/ul | |
| 94) Benzo(g,h,i)perylene | 29.919 | 276 | 108377m | 3.27 | ng/ul | |

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

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