Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041943.D
Acq On : 4 Aug 2019 15:03
Operator : HP/JU
Sample : K3850-08DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENQ1DL

**Manual Integrations APPROVED**
mohammad
8/6/2019 12:18:43 PM

Quant Time: Aug 05 03:51:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 92506 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.86 | 136 | 371971 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.70 | 164 | 245222 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.45 | 188 | 482418 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.74 | 240 | 475520 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 25.02 | 264 | 519427 | 20.00 | ng/ul | 0.03 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.42 | 96 | 1559 | 0.74 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.18 | 99 | 36297 | 5.00 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.35 | 67 | 21509 | 5.30 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.56 | 132 | 34964 | 5.63 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.74 | 113 | 29837 | 4.90 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.21 | 128 | 17438 | 6.23 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.93 | 143 | 19390 | 5.96 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.48 | 165 | 38351 | 5.84 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.99 | 131 | 42197 | 5.79 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.09 | 166 | 115910 | 6.09 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.39 | 160 | 148675 | 6.84 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.89 | 143 | 12426 | 3.89 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.69 | 176 | 102297 | 6.05 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.82 | 200 | 5735 | 1.85 | ng/ul | 0.01 |
| 70) Anthracene-d10 | 17.55 | 188 | 155035 | 6.70 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.84 | 212 | 176131 | 6.64 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.79 | 264 | 176350 | 6.50 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.91 | 128 | 113650 | 5.976 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.52 | 142 | 106172 | 7.024 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.53 | 154 | 17995 | 1.009 | ng/ul# | 92 |
| 49) Acenaphthene | 14.76 | 153 | 142075 | 9.266 | ng/ul | 99 |
| 53) Dibenzofuran | 15.09 | 168 | 27614 | 1.207 | ng/ul | 90 |
| 58) Fluorene | 15.74 | 166 | 120557 | 6.541 | ng/ul | 98 |
| 69) Phenanthrene | 17.50 | 178 | 1429313 | 54.120 | ng/ul | 94 |
| 71) Anthracene | 17.58 | 178 | 354681 | 13.241 | ng/ul | 97 |
| 74) Carbazole | 17.85 | 167 | 24243 | 1.093 | ng/ul# | 84 |
| 76) Fluoranthene | 19.50 | 202 | 1048790 | 34.370 | ng/ul | 98 |
| 79) Pyrene | 19.87 | 202 | 1579320 | 49.375 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.72 | 228 | 864513 | 26.221 | ng/ul | 97 |
| 84) Chrysene | 21.78 | 228 | 903421 | 29.358 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 23.99 | 252 | 655287 | 20.103 | ng/ul | 100 |
| 88) Benzo(k)fluoranthene | 24.04 | 252 | 182292m | 5.816 | ng/ul | |
| 90) Benzo(a)pyrene | 24.86 | 252 | 606824 | 19.536 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 28.76 | 276 | 178019 | 4.914 | ng/ul | 97 |
| 92) Dibenzo(a,h)anthracene | 28.81 | 278 | 69134m | 2.339 | ng/ul | |
| 93) Benzo(g,h,i)perylene | 29.94 | 276 | 167982 | 5.553 | ng/ul | 96 |

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

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