Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042021.D
Acq On : 7 Aug 2019 8:34
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENZ1

Manual Integrations APPROVED
mohammad
8/7/2019 4:40:29 PM

Quant Time: Aug 07 11:07:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 10:54:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 61104 | 20.00 | ng/ul | 0.02 |
| 18) Naphthalene-d8 | 10.87 | 136 | 263070 | 20.00 | ng/ul | 0.02 |
| 35) Acenaphthene-d10 | 14.70 | 164 | 200143 | 20.00 | ng/ul | 0.01 |
| 61) Phenanthrene-d10 | 17.45 | 188 | 461018 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.72 | 240 | 434169 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 25.00 | 264 | 517935 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.42 | 96 | 4769 | 3.41 | ng/uL | 0.01 |
| 5) Phenol-d5 | 7.20 | 99 | 96034 | 20.03 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.36 | 67 | 52980 | 19.75 | ng/ul | 0.02 |
| 9) 2-Chlorophenol-d4 | 7.58 | 132 | 90562 | 22.09 | ng/ul | 0.02 |
| 13) 4-Methylphenol-d8 | 8.76 | 113 | 74012 | 18.38 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 9.21 | 128 | 45109 | 22.78 | ng/ul | 0.02 |
| 22) 2-Nitrophenol-d4 | 9.94 | 143 | 53828 | 23.41 | ng/ul | 0.02 |
| 26) 2,4-Dichlorophenol-d3 | 10.48 | 165 | 103627 | 22.33 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 11.00 | 131 | 95130 | 18.47 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6 | 14.10 | 166 | 382797 | 24.66 | ng/ul | 0.01 |
| 46) Acenaphthylene-d8 | 14.39 | 160 | 436992 | 24.64 | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4 | 14.88 | 143 | 45139 | 17.32 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.69 | 176 | 352544 | 25.53 | ng/ul | 0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 59436 | 20.09 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.55 | 188 | 581030 | 26.27 | ng/ul | 0.01 |
| 78) Pyrene-d10 | 19.83 | 212 | 658253 | 27.17 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.77 | 264 | 736391 | 27.22 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.22 | 94 | 5655 | 1.142 | ng/ul | 90 |
| 44) Dimethylphthalate | 14.14 | 163 | 134799 | 8.746 | ng/ul | 98 |
| 69) Phenanthrene | 17.49 | 178 | 218001 | 8.638 | ng/ul | 99 |
| 71) Anthracene | 17.58 | 178 | 32301 | 1.262 | ng/ul | 97 |
| 74) Carbazole | 17.85 | 167 | 29222 | 1.378 | ng/ul | 94 |
| 76) Fluoranthene | 19.50 | 202 | 656332 | 22.507 | ng/ul | 97 |
| 79) Pyrene | 19.86 | 202 | 566719 | 19.405 | ng/ul | 98 |
| 82) Benzo(a)anthracene | 21.71 | 228 | 299042 | 9.934 | ng/ul | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 22650 | 1.444 | ng/ul | 96 |
| 84) Chrysene | 21.77 | 228 | 369496 | 13.151 | ng/ul | 97 |
| 87) Benzo(b)fluoranthene | 23.96 | 252 | 545197 | 16.774 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 24.02 | 252 | 183842m | 5.883 | ng/ul | |
| 90) Benzo(a)pyrene | 24.84 | 252 | 350306 | 11.310 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 28.72 | 276 | 279082 | 7.725 | ng/ul | 99 |
| 92) Dibenzo(a,h)anthracene | 28.76 | 278 | 67637m | 2.295 | ng/ul | |
| 93) Benzo(g,h,i)perylene | 29.88 | 276 | 278705 | 9.240 | ng/ul | 98 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042021.D
Acq On : 7 Aug 2019 8:34
Operator : HP/JU
Sample : K4028-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 07 11:07:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 10:54:34 2019
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BENZ1

**Manual Integrations APPROVED**
mohammad
8/7/2019 4:40:29 PM