Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042025.D
Acq On : 7 Aug 2019 11:08
Operator : HP/JU
Sample : K4028-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ7

Manual Integrations APPROVED
mohammad
8/7/2019 4:40:41 PM

Quant Time: Aug 07 16:03:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.03 | 152 | 76255 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.85 | 136 | 330742 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.69 | 164 | 239378 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.44 | 188 | 513543 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.72 | 240 | 497573 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 24.99 | 264 | 598597 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.41 | 96 | 4363 | 2.50 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.18 | 99 | 97012 | 16.21 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.34 | 67 | 49395 | 14.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.55 | 132 | 89030 | 17.40 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.73 | 113 | 81249 | 16.17 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.19 | 128 | 42909 | 17.23 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.92 | 143 | 55209 | 19.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.47 | 165 | 104175 | 17.85 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.98 | 131 | 101085 | 15.61 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.09 | 166 | 345941 | 18.63 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.38 | 160 | 400560 | 18.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.87 | 143 | 44198 | 14.18 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.68 | 176 | 312006 | 18.89 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 49600 | 15.05 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.54 | 188 | 485495 | 19.70 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.83 | 212 | 541791 | 19.51 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.76 | 264 | 614668 | 19.66 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 14.13 | 163 | 164648 | 8.932 | ng/ul | 98 |
| 69) Phenanthrene | 17.48 | 178 | 201871 | 7.180 | ng/ul | 97 |
| 71) Anthracene | 17.57 | 178 | 51379 | 1.802 | ng/ul | 96 |
| 76) Fluoranthene | 19.49 | 202 | 378698 | 11.658 | ng/ul | 97 |
| 79) Pyrene | 19.85 | 202 | 440161 | 13.151 | ng/ul | 97 |
| 82) Benzo(a)anthracene | 21.70 | 228 | 282771 | 8.196 | ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.61 | 149 | 23607 | 1.313 | ng/ul | 99 |
| 84) Chrysene | 21.77 | 228 | 278118 | 8.637 | ng/ul | 95 |
| 87) Benzo(b)fluoranthene | 23.95 | 252 | 290573 | 7.735 | ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 24.01 | 252 | 95176m | 2.635 | ng/ul | |
| 90) Benzo(a)pyrene | 24.83 | 252 | 246244 | 6.879 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 28.71 | 276 | 135586 | 3.247 | ng/ul | 100 |
| 92) Dibenzo(a,h)anthracene | 28.77 | 278 | 45300m | 1.330 | ng/ul | |
| 93) Benzo(g,h,i)perylene | 29.87 | 276 | 137045 | 3.931 | 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 : BG042025.D
Acq On : 7 Aug 2019 11:08
Operator : HP/JU
Sample : K4028-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 07 16:03:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BENQ7

**Manual Integrations APPROVED**
mohammad
8/7/2019 4:40:41 PM