Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059015.D
Acq On : 12 Sep 2023 17:57
Operator : MA/JU
Sample : 04235-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 13 00:14:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
EZYD9RE

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.312 | 152 | 96519 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.155 | 136 | 475110 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.933 | 164 | 364700 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.689 | 188 | 989429 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 22.007 | 240 | 896027 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.568 | 264 | 1024135 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.629 | 96 | 9040 | 3.981 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 4.070 | 84 | 12655 | 1.760 | ng/ul | 0.01 |
| 7) Phenol-d5 | 7.419 | 99 | 108740 | 11.172 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.630 | 67 | 118462 | 20.756 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.830 | 132 | 22135 | 3.546 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.987 | 113 | 99775 | 13.269 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.504 | 128 | 63021 | 18.287 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.233 | 143 | 6732m | 1.780 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.744 | 165 | 13930 | 1.733 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.296 | 131 | 159417 | 14.750 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.328 | 166 | 605155 | 21.392 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.640 | 160 | 655834 | 20.819 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.098 | 143 | 473 | 0.101 | ng/ul | -0.01 |
| 60) Fluorene-d10 | 15.926 | 176 | 563341 | 22.439 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 16.020 | 200 | 314 | 0.065 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.783 | 188 | 852057 | 19.399 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.057 | 212 | 1145191 | 24.127 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.315 | 264 | 1121085 | 22.331 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 16) Acetophenone | 9.158 | 105 | 72530m | 5.818 | ng/ul | |
| 72) Phenanthrene | 17.730 | 178 | 225641 | 4.493 | ng/ul | 97 |
| 80) Fluoranthene | 19.722 | 202 | 825756m | 14.981 | ng/ul | |
| 82) Pyrene | 20.086 | 202 | 649773 | 11.339 | ng/ul# | 94 |
| 85) Benzo(a)anthracene | 21.984 | 228 | 374372 | 6.230 | ng/ul | 98 |
| 87) Chrysene | 22.060 | 228 | 465835 | 8.339 | ng/ul | 99 |
| 90) Benzo(b)fluoranthene | 24.410 | 252 | 686094m | 11.246 | ng/ul | |
| 91) Benzo(k)fluoranthene | 24.481 | 252 | 244386 | 3.920 | ng/ul# | 98 |
| 93) Benzo(a)pyrene | 25.386 | 252 | 331967 | 5.832 | ng/ul | 96 |
| 94) Indeno(1,2,3-cd)pyrene | 29.669 | 276 | 380979 | 5.297 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 29.757 | 278 | 113423m | 1.903 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 30.979 | 276 | 392269m | 6.891 | ng/ul | |

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

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