Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
Data File : BG063666.D
Acq On : 12 Dec 2024 13:57
Operator : RC/JU
Sample : P5153-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 13 04:32:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
E28Q2

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.815 | 152 | 238322 | 20.000 | ng/ul | | 0.00 |
| 20) Naphthalene-d8 | 10.606 | 136 | 943336 | 20.000 | ng/ul | | 0.00 |
| 38) Acenaphthene-d10 | 14.454 | 164 | 624890 | 20.000 | ng/ul | | 0.00 |
| 64) Phenanthrene-d10 | 17.204 | 188 | 1262945 | 20.000 | ng/ul | | 0.00 |
| 79) Chrysene-d12 | 21.463 | 240 | 1167710 | 20.000 | ng/ul | # | 0.00 |
| 88) Perylene-d12 | 24.489 | 264 | 1319086 | 20.000 | ng/ul | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.291 | 96 | 18378m | 3.022 | ng/uL | | 0.01 |
| 4) Pyridine-d5 | 3.696 | 84 | 306594 | 15.981 | ng/ul | | 0.00 |
| 7) Phenol-d5 | 7.004 | 99 | 499919 | 22.776 | ng/ul | | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.145 | 67 | 316788 | 20.897 | ng/ul | | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.356 | 132 | 326170 | 22.953 | ng/ul | | 0.00 |
| 15) 4-Methylphenol-d8 | 8.532 | 113 | 356892 | 20.943 | ng/ul | | 0.00 |
| 21) Nitrobenzene-d5 | 8.972 | 128 | 163337 | 24.250 | ng/ul | | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.689 | 143 | 182955 | 24.232 | ng/ul | | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.235 | 165 | 347364 | 23.763 | ng/ul | | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.741 | 131 | 247539 | 13.337 | ng/ul | | 0.00 |
| 46) Dimethylphthalate-d6 | 13.861 | 166 | 1048498 | 24.658 | ng/ul | | 0.00 |
| 49) Acenaphthylene-d8 | 14.149 | 160 | 1200392 | 24.765 | ng/ul | | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.689 | 143 | 113798 | 18.889 | ng/ul | | 0.01 |
| 60) Fluorene-d10 | 15.447 | 176 | 873083 | 23.223 | ng/ul | | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.582 | 200 | 11147 | 1.700 | ng/ul | | 0.00 |
| 73) Anthracene-d10 | 17.304 | 188 | 1342298 | 24.721 | ng/ul | | 0.00 |
| 81) Pyrene-d10 | 19.607 | 212 | 1446461 | 23.804 | ng/ul | | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.284 | 264 | 1318130 | 21.279 | ng/ul | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 8) Phenol | 7.033 | 94 | 28978 | 1.239 | ng/ul | | 97 |
| 72) Phenanthrene | 17.251 | 178 | 212054 | 3.484 | ng/ul | | 96 |
| 80) Fluoranthene | 19.272 | 202 | 302298 | 4.377 | ng/ul | | 98 |
| 82) Pyrene | 19.630 | 202 | 249171 | 3.391 | ng/ul | # | 94 |
| 85) Benzo(a)anthracene | 21.440 | 228 | 135317 | 1.849 | ng/ul | # | 93 |
| 87) Chrysene | 21.505 | 228 | 156178 | 2.239 | ng/ul | # | 95 |
| 90) Benzo(b)fluoranthene | 23.532 | 252 | 208363 | 2.779 | ng/ul | # | 76 |
| 93) Benzo(a)pyrene | 24.342 | 252 | 143528 | 2.040 | ng/ul | # | 70 |
| 94) Indeno(1,2,3-cd)pyrene | 27.909 | 276 | 104126m | 1.212 | ng/ul | | |
| 96) Benzo(g,h,i)perylene | 28.978 | 276 | 106099m | 1.556 | ng/ul | | |

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

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