Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 16 02:52:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
A4D51

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.042 | 152 | 43962 | 20.000 | ng/ul | | 0.00 |
| 20) Naphthalene-d8 | 10.850 | 136 | 206420 | 20.000 | ng/ul | | 0.00 |
| 38) Acenaphthene-d10 | 14.669 | 164 | 145967 | 20.000 | ng/ul | | 0.00 |
| 64) Phenanthrene-d10 | 17.413 | 188 | 329973 | 20.000 | ng/ul | # | 0.00 |
| 79) Chrysene-d12 | 21.679 | 240 | 305564 | 20.000 | ng/ul | | 0.00 |
| 88) Perylene-d12 | 24.887 | 264 | 371120 | 20.000 | ng/ul | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.435 | 96 | 2981m | 2.548 | ng/uL | | 0.00 |
| 4) Pyridine-d5 | 3.864 | 84 | 16565 | 4.605 | ng/ul | | 0.00 |
| 7) Phenol-d5 | 7.202 | 99 | 89410 | 18.584 | ng/ul | | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.360 | 67 | 41537 | 13.634 | ng/ul | | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.572 | 132 | 60985 | 18.480 | ng/ul | | 0.00 |
| 15) 4-Methylphenol-d8 | 8.747 | 113 | 73571 | 19.422 | ng/ul | | 0.00 |
| 21) Nitrobenzene-d5 | 9.211 | 128 | 31315 | 19.947 | ng/ul | | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.928 | 143 | 38858 | 21.675 | ng/ul | | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.468 | 165 | 82579 | 23.881 | ng/ul | | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.985 | 131 | 3473m | 0.692 | ng/ul | | 0.00 |
| 46) Dimethylphthalate-d6 | 14.070 | 166 | 287119 | 23.926 | ng/ul | | 0.00 |
| 49) Acenaphthylene-d8 | 14.364 | 160 | 302000 | 24.067 | ng/ul | | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.881 | 143 | 38792 | 20.242 | ng/ul | | 0.00 |
| 60) Fluorene-d10 | 15.662 | 176 | 244978 | 24.249 | ng/ul | | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.780 | 200 | 36239 | 20.912 | ng/ul | | 0.00 |
| 73) Anthracene-d10 | 17.513 | 188 | 407111 | 26.426 | ng/ul | | 0.00 |
| 81) Pyrene-d10 | 19.799 | 212 | 372710 | 20.737 | ng/ul | | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.663 | 264 | 329003 | 17.875 | ng/ul | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 52) Acenaphthene | 14.728 | 153 | 17436 | 1.833 | ng/ul | | 93 |
| 56) Dibenzofuran | 15.063 | 168 | 29098 | 2.165 | ng/ul | | 90 |
| 61) Fluorene | 15.715 | 166 | 63900 | 5.590 | ng/ul | | 92 |
| 72) Phenanthrene | 17.460 | 178 | 807195 | 46.394 | ng/ul | | 100 |
| 74) Anthracene | 17.548 | 178 | 175920 | 9.784 | ng/ul | | 99 |
| 77) Carbazole | 17.819 | 167 | 34010 | 2.248 | ng/ul | | 94 |
| 80) Fluoranthene | 19.470 | 202 | 1356185m | 63.760 | ng/ul | | |
| 82) Pyrene | 19.828 | 202 | 808226 | 36.786 | ng/ul | # | 92 |
| 85) Benzo(a)anthracene | 21.655 | 228 | 660172 | 29.840 | ng/ul | | 99 |
| 87) Chrysene | 21.720 | 228 | 569239 | 27.485 | ng/ul | | 96 |
| 90) Benzo(b)fluoranthene | 23.870 | 252 | 816006m | 34.899 | ng/ul | | |
| 91) Benzo(k)fluoranthene | 23.929 | 252 | 233496 | 10.014 | ng/ul | | 99 |
| 93) Benzo(a)pyrene | 24.740 | 252 | 362567m | 16.375 | ng/ul | | |
| 94) Indeno(1,2,3-cd)pyrene | 28.547 | 276 | 275924 | 9.752 | ng/ul | | 96 |
| 95) Dibenzo(a,h)anthracene | 28.594 | 278 | 116281m | 4.976 | ng/ul | | |
| 96) Benzo(g,h,i)perylene | 29.693 | 276 | 179414m | 7.970 | ng/ul | | |

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

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