Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 00:45:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.941 | 152 | 50923 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.749 | 136 | 238595 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.574 | 164 | 160526 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.318 | 188 | 348243 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.572 | 240 | 282244 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.739 | 264 | 342753 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.376 | 96 | 5333 | 3.667 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.787 | 84 | 60989 | 13.814 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.107 | 99 | 118268 | 22.742 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.265 | 67 | 73470 | 23.443 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.477 | 132 | 90718 | 25.292 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.646 | 113 | 80934 | 20.625 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.104 | 128 | 46486 | 23.905 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.827 | 143 | 51353 | 25.126 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.368 | 165 | 95059 | 24.245 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.879 | 131 | 83941 | 14.121 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.975 | 166 | 293126 | 23.143 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.269 | 160 | 344350 | 24.915 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.774 | 143 | 39456 | 17.632 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.567 | 176 | 261722 | 24.331 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.679 | 200 | 31555 | 16.687 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.418 | 188 | 352147 | 21.792 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.704 | 212 | 453337 | 25.503 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.522 | 264 | 450702 | 25.810 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 80) Fluoranthene | 19.369 | 202 | 54757 | 2.658 | ng/ul | 99 |
| 82) Pyrene | 19.733 | 202 | 46087 | 2.223 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.549 | 228 | 27977 | 1.381 | ng/ul | 93 |
| 87) Chrysene | 21.613 | 228 | 32835 | 1.728 | ng/ul | 96 |
| 90) Benzo(b)fluoranthene | 23.728 | 252 | 55144 | 2.598 | ng/ul# | 94 |
| 93) Benzo(a)pyrene | 24.586 | 252 | 32576 | 1.734 | ng/ul# | 89 |
| 94) Indeno(1,2,3-cd)pyrene | 28.341 | 276 | 27180m | 1.090 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.475 | 276 | 24398m | 1.198 | ng/ul | |

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

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