Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057970.D
Acq On : 4 Jul 2023 1:27
Operator : CG/JU
Sample : 03247-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jul 04 04:55:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL9

**Manual Integrations APPROVED**

Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.940 | 152 | 41805 | 20.000 | ng/ul | 0.01 |
| 20) Naphthalene-d8 | 10.743 | 136 | 196779 | 20.000 | ng/ul | 0.01 |
| 38) Acenaphthene-d10 | 14.574 | 164 | 134491 | 20.000 | ng/ul | 0.01 |
| 64) Phenanthrene-d10 | 17.318 | 188 | 294329 | 20.000 | ng/ul | 0.01 |
| 79) Chrysene-d12 | 21.571 | 240 | 240157 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 24.733 | 264 | 297818 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.375 | 96 | 3380 | 2.831 | ng/uL | 0.01 |
| 4) Pyridine-d5 | 3.792 | 84 | 3274 | 0.903 | ng/ul | 0.02 |
| 7) Phenol-d5 | 7.100 | 99 | 75002 | 17.568 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.265 | 67 | 48147 | 18.714 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.470 | 132 | 56939 | 19.337 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.640 | 113 | 37214 | 11.552 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.098 | 128 | 30347 | 18.922 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.821 | 143 | 32596 | 19.338 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.361 | 165 | 61696 | 19.080 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.884 | 131 | 28126 | 5.737 | ng/ul | 0.02 |
| 46) Dimethylphthalate-d6 | 13.975 | 166 | 195956 | 18.466 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.268 | 160 | 230784 | 19.930 | ng/ul | 0.01 |
| 54) 4-Nitrophenol-d4 | 14.774 | 143 | 26462m | 14.115 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.561 | 176 | 176933 | 19.633 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.678 | 200 | 21340 | 13.352 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.412 | 188 | 255682 | 18.721 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.703 | 212 | 302841 | 20.022 | ng/ul | 0.01 |
| 92) Benzo(a)pyrene-d12 | 24.509 | 264 | 296722 | 19.556 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.359 | 178 | 59065 | 3.945 | ng/ul | 98 |
| 80) Fluoranthene | 19.368 | 202 | 226398 | 12.918 | ng/ul | 99 |
| 82) Pyrene | 19.732 | 202 | 182339 | 10.336 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.548 | 228 | 112796 | 6.541 | ng/ul | 99 |
| 87) Chrysene | 21.613 | 228 | 135030 | 8.353 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.728 | 252 | 220105 | 11.936 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.787 | 252 | 62542m | 3.460 | ng/ul | |
| 93) Benzo(a)pyrene | 24.580 | 252 | 124492 | 7.628 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 28.334 | 276 | 101411m | 4.679 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.375 | 278 | 30147m | 1.687 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.462 | 276 | 91484m | 5.168 | ng/ul | |

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

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