Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011722\
Data File : BG052062.D
Acq On : 18 Jan 2022 21:13
Operator : CG/JU
Sample : N1100-16RX
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLT0RX

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 19 05:11:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.243 | 152 | 26269 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 11.086 | 136 | 116701 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.893 | 164 | 82769 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.642 | 188 | 177736 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.959 | 240 | 147137 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 25.449 | 264 | 153665 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.573 | 96 | 2657 | 3.614 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.996 | 84 | 30931 | 13.535 | ng/ul | -0.01 |
| 7) Phenol-d5 | 7.385 | 99 | 61549 | 23.939 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.550 | 67 | 37408 | 22.920 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.773 | 132 | 42406 | 24.912 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.948 | 113 | 40606 | 20.317 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.412 | 128 | 24003 | 26.030 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 10.146 | 143 | 23616 | 23.156 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.698 | 165 | 44742 | 22.444 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.209 | 131 | 57011 | 20.536 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.276 | 166 | 172487 | 25.212 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.587 | 160 | 226615 | 27.421 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.081 | 143 | 158 | 0.138 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.879 | 176 | 158892 | 26.638 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.991 | 200 | 96 | 0.086 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.736 | 188 | 239637 | 28.422 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.015 | 212 | 254148 | 30.013 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.214 | 264 | 232467 | 28.736 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 8) Phenol | 7.414 | 94 | 3498 | 1.333 | ng/ul# | 89 |
| 30) Naphthalene | 11.139 | 128 | 8177 | 1.293 | ng/ul# | 90 |
| 72) Phenanthrene | 17.683 | 178 | 33063 | 3.550 | ng/ul | 96 |
| 80) Fluoranthene | 19.680 | 202 | 105466 | 10.777 | ng/ul# | 92 |
| 82) Pyrene | 20.044 | 202 | 101446 | 10.529 | ng/ul# | 87 |
| 85) Benzo(a)anthracene | 21.942 | 228 | 51313 | 5.303 | ng/ul | 94 |
| 86) Bis(2-ethylhexyl)phtha... | 21.818 | 149 | 33515 | 6.835 | ng/ul# | 98 |
| 87) Chrysene | 22.006 | 228 | 55577m | 5.965 | ng/ul | |
| 90) Benzo(b)fluoranthene | 24.327 | 252 | 68815 | 6.757 | ng/ul | 95 |
| 91) Benzo(k)fluoranthene | 24.397 | 252 | 26049m | 2.767 | ng/ul | |
| 93) Benzo(a)pyrene | 25.284 | 252 | 43960 | 4.561 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 29.479 | 276 | 36824m | 3.338 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 29.502 | 278 | 11909m | 1.276 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 30.706 | 276 | 32413m | 3.494 | ng/ul | |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011722\
Data File : BG052062.D
Acq On : 18 Jan 2022 21:13
Operator : CG/JU
Sample : N1100-16RX
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jan 19 05:11:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BGLT0RX

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022