Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051260.D
Acq On : 26 Nov 2021 16:40
Operator : CG/JU
Sample : M4702-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 26 21:43:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DBLP4

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.205 | 152 | 33716 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.031 | 136 | 147818 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.838 | 164 | 93300 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.588 | 188 | 180598 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.889 | 240 | 149906 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.303 | 264 | 152785 | 20.000 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.540 | 96 | 1813 | 1.869 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.975 | 84 | 17445 | 6.127 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.365 | 99 | 43310 | 12.997 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.517 | 67 | 28680 | 13.704 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.735 | 132 | 32776 | 13.659 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.922 | 113 | 28559 | 10.621 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.386 | 128 | 17771 | 14.242 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.109 | 143 | 20106 | 14.284 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.661 | 165 | 33557 | 14.051 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.172 | 131 | 29662 | 8.488 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.227 | 166 | 108215 | 15.074 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.533 | 160 | 139769 | 15.440 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.067 | 143 | 11497 | 9.894 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.825 | 176 | 95924 | 14.838 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.961 | 200 | 4229 | 3.795 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.682 | 188 | 135658 | 15.706 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.962 | 212 | 147457 | 16.257 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.062 | 264 | 124608 | 15.271 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 8) Phenol | 7.394 | 94 | 4327 | 1.253 | ng/ul# | 91 |
| 72) Phenanthrene | 17.629 | 178 | 82510 | 8.275 | ng/ul | 99 |
| 74) Anthracene | 17.723 | 178 | 15923 | 1.608 | ng/ul | 96 |
| 77) Carbazole | 17.993 | 167 | 12924 | 1.487 | ng/ul# | 94 |
| 80) Fluoranthene | 19.633 | 202 | 139678 | 12.538 | ng/ul# | 95 |
| 82) Pyrene | 19.991 | 202 | 107767 | 9.889 | ng/ul | 95 |
| 85) Benzo(a)anthracene | 21.865 | 228 | 59479 | 5.850 | ng/ul | 99 |
| 87) Chrysene | 21.936 | 228 | 54449 | 5.574 | ng/ul | 95 |
| 90) Benzo(b)fluoranthene | 24.210 | 252 | 71343 | 6.919 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 24.274 | 252 | 23509m | 2.430 | ng/ul | |
| 93) Benzo(a)pyrene | 25.138 | 252 | 45693 | 4.645 | ng/ul | 96 |
| 94) Indeno(1,2,3-cd)pyrene | 29.239 | 276 | 31985m | 2.906 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 29.280 | 278 | 10987m | 1.177 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 30.461 | 276 | 21620 | 2.334 | ng/ul# | 87 |

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051260.D
Acq On : 26 Nov 2021 16:40
Operator : CG/JU
Sample : M4702-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 26 21:43:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
DBLP4

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021