Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052076.D
Acq On : 19 Jan 2022 16:40
Operator : CG/JU
Sample : N1129-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 20 00:01:14 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 :**
DBLZ8

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.241 | 152 | 25223 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 11.084 | 136 | 111431 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.891 | 164 | 81786 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.634 | 188 | 195079 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.958 | 240 | 181359 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 25.447 | 264 | 179101 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.571 | 96 | 2151 | 3.047 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 4.005 | 84 | 10904 | 4.969 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.383 | 99 | 39628 | 16.052 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.548 | 67 | 25944 | 16.555 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.771 | 132 | 30806 | 18.848 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.946 | 113 | 27500 | 14.330 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.416 | 128 | 16820 | 19.103 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.144 | 143 | 20134 | 20.676 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.696 | 165 | 37548 | 19.726 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.207 | 131 | 34945 | 13.183 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.274 | 166 | 126618 | 18.730 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.585 | 160 | 159946 | 19.587 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.067 | 143 | 11589 | 10.253 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.878 | 176 | 113107 | 19.190 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.983 | 200 | 15890 | 12.912 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.734 | 188 | 186533 | 20.157 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.013 | 212 | 216046 | 20.699 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.200 | 264 | 193041 | 20.474 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.681 | 178 | 13079 | 1.280 | ng/ul# | 94 |
| 80) Fluoranthene | 19.678 | 202 | 32966 | 2.733 | ng/ul# | 90 |
| 82) Pyrene | 20.042 | 202 | 28197 | 2.374 | ng/ul# | 86 |
| 85) Benzo(a)anthracene | 21.934 | 228 | 17495 | 1.467 | ng/ul | 97 |
| 87) Chrysene | 22.005 | 228 | 16510m | 1.438 | ng/ul | |
| 90) Benzo(b)fluoranthene | 24.337 | 252 | 24454 | 2.060 | ng/ul | 96 |
| 93) Benzo(a)pyrene | 25.277 | 252 | 17300 | 1.540 | ng/ul# | 96 |
| 94) Indeno(1,2,3-cd)pyrene | 29.459 | 276 | 13891m | 1.080 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 30.710 | 276 | 11521m | 1.066 | ng/ul | |

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

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