Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058348.D
Acq On : 20 Jul 2023 5:51
Operator : CG/JU
Sample : 03452-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 20 06:57:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
A46P4

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.894 | 152 | 43436 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.697 | 136 | 210956 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.533 | 164 | 153098 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.277 | 188 | 359095 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.525 | 240 | 289102 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.657 | 264 | 354621 | 20.000 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.340 | 96 | 2801 | 2.373 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.752 | 84 | 12863 | 3.672 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.060 | 99 | 64621 | 15.683 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.224 | 67 | 38865 | 15.091 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.424 | 132 | 45933 | 15.925 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.605 | 113 | 27537 | 8.761 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.057 | 128 | 23874 | 15.098 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.780 | 143 | 26439 | 15.316 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.320 | 165 | 49096 | 14.836 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.843 | 131 | 84 | 0.018 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.934 | 166 | 175282 | 14.847 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.228 | 160 | 189260 | 15.297 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.733 | 143 | 21766 | 12.208 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.526 | 176 | 165830 | 16.966 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.644 | 200 | 20653 | 11.289 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.377 | 188 | 205038 | 13.215 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.662 | 212 | 252290 | 14.775 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.439 | 264 | 140481 | 8.196 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Benzaldehyde | 7.030 | 77 | 1925m | 1.157 | ng/ul | |
| 8) Phenol | 7.089 | 94 | 5241 | 1.225 | ng/ul# | 92 |
| 16) Acetophenone | 8.716 | 105 | 33880 | 6.330 | ng/ul | 95 |
| 30) Naphthalene | 10.744 | 128 | 11698 | 1.037 | ng/ul | 97 |
| 72) Phenanthrene | 17.318 | 178 | 132364 | 7.756 | ng/ul | 100 |
| 74) Anthracene | 17.406 | 178 | 17449 | 1.019 | ng/ul | 97 |
| 80) Fluoranthene | 19.333 | 202 | 183741 | 9.393 | ng/ul | 99 |
| 82) Pyrene | 19.692 | 202 | 110427 | 5.571 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.579 | 149 | 12352 | 1.583 | ng/ul | 95 |
| 85) Benzo(a)anthracene | 21.507 | 228 | 69079 | 3.555 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.407 | 149 | 96269 | 8.672 | ng/ul | 99 |
| 87) Chrysene | 21.572 | 228 | 72640 | 3.941 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.658 | 252 | 80932 | 3.944 | ng/ul# | 97 |
| 91) Benzo(k)fluoranthene | 23.722 | 252 | 39333m | 1.922 | ng/ul | |
| 93) Benzo(a)pyrene | 24.510 | 252 | 23515 | 1.289 | ng/ul# | 92 |
| 94) Indeno(1,2,3-cd)pyrene | 28.217 | 276 | 26728 | 1.112 | ng/ul | 96 |

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

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