Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057303.D
Acq On : 4 May 2023 14:56
Operator : CG/JU
Sample : 02447-20DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
EW938DL

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

Quant Time: May 05 04:37:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.373 | 152 | 13526 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.210 | 136 | 59863 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.987 | 164 | 53492 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.731 | 188 | 137569 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 22.042 | 240 | 116105 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.567 | 264 | 121107 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0 | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 7.515 | 99 | 1119 | 0.875 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.674 | 67 | 982 | 1.305 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.903 | 132 | 840 | 0.996 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 9.078 | 113 | 718 | 0.739 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.553 | 128 | 615 | 1.290 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.288 | 143 | 560 | 1.007 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.840 | 165 | 770 | 0.717 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 0.000 | 131 | 0d | 0.000 | ng/ul | |
| 46) Dimethylphthalate-d6 | 14.370 | 166 | 6883 | 1.624 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.688 | 160 | 7869 | 1.652 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.000 | 143 | 0 | 0.000 | ng/ul | |
| 60) Fluorene-d10 | 15.974 | 176 | 6776 | 1.716 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 0.000 | 200 | 0 | 0.000 | ng/ul | |
| 73) Anthracene-d10 | 17.825 | 188 | 12439 | 1.981 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.098 | 212 | 14437 | 2.095 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.320 | 264 | 12203 | 1.978 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 72) Phenanthrene | 17.772 | 178 | 13905 | 1.941 | ng/ul | 98 |
| 80) Fluoranthene | 19.763 | 202 | 31483 | 3.846 | ng/ul | 99 |
| 82) Pyrene | 20.121 | 202 | 30097 | 3.632 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.973 | 149 | 4448 | 1.676 | ng/ul# | 92 |
| 85) Benzo(a)anthracene | 22.019 | 228 | 19519 | 2.377 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.866 | 149 | 122305 | 31.685 | ng/ul | 95 |
| 87) Chrysene | 22.095 | 228 | 21284 | 2.747 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 24.439 | 252 | 30554 | 3.643 | ng/ul | 95 |
| 91) Benzo(k)fluoranthene | 24.498 | 252 | 11949m | 1.464 | ng/ul | |
| 93) Benzo(a)pyrene | 25.397 | 252 | 19757 | 2.729 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 29.632 | 276 | 21657m | 2.393 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 30.907 | 276 | 22552m | 3.079 | ng/ul | |

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

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