Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057963.D
Acq On : 3 Jul 2023 20:31
Operator : CG/JU
Sample : 03246-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGK8

**Manual Integrations APPROVED**
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 04:05:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.937 | 152 | 45041 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.740 | 136 | 220592 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.571 | 164 | 156710 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.309 | 188 | 337776 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.563 | 240 | 266465 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.730 | 264 | 330308 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.378 | 96 | 5435 | 4.225 | ng/uL | 0.01 |
| 4) Pyridine-d5 | 3.784 | 84 | 16795 | 4.301 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.097 | 99 | 123964 | 26.950 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.262 | 67 | 79680 | 28.745 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.467 | 132 | 94117 | 29.667 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.637 | 113 | 80119 | 23.084 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.095 | 128 | 50603 | 28.145 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.818 | 143 | 55892 | 29.579 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.358 | 165 | 102726 | 28.339 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.875 | 131 | 40926 | 7.447 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.972 | 166 | 339637 | 27.468 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.259 | 160 | 402058 | 29.798 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.765 | 143 | 33996 | 15.562 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.558 | 176 | 306676 | 29.205 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.675 | 200 | 41111 | 22.414 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.409 | 188 | 449166 | 28.657 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.700 | 212 | 507914 | 30.265 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.512 | 264 | 509571 | 30.280 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.356 | 178 | 210646 | 12.260 | ng/ul | 100 |
| 74) Anthracene | 17.444 | 178 | 22404 | 1.289 | ng/ul | 98 |
| 80) Fluoranthene | 19.365 | 202 | 575740 | 29.607 | ng/ul | 100 |
| 82) Pyrene | 19.730 | 202 | 455312 | 23.260 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.545 | 228 | 250339 | 13.084 | ng/ul | 99 |
| 87) Chrysene | 21.610 | 228 | 307431 | 17.141 | ng/ul | 96 |
| 90) Benzo(b)fluoranthene | 23.725 | 252 | 465251 | 22.749 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.784 | 252 | 160488m | 8.006 | ng/ul | |
| 93) Benzo(a)pyrene | 24.577 | 252 | 289556 | 15.996 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.325 | 276 | 241914 | 10.064 | ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 28.361 | 278 | 64507m | 3.254 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.453 | 276 | 208859m | 10.638 | ng/ul | |

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

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