Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061654.D
Acq On : 22 Jun 2024 18:31
Operator : MA/JU
Sample : P2776-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 23 00:31:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
A4C73

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.078 | 152 | 75016 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.887 | 136 | 359846 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.706 | 164 | 248530 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.444 | 188 | 526703 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.709 | 240 | 456946 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.941 | 264 | 566676 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.472 | 96 | 7070 | 3.405 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.895 | 84 | 7690m | 1.225 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.220 | 99 | 186596 | 22.913 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.403 | 67 | 108028 | 21.280 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.602 | 132 | 128612 | 23.014 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.772 | 113 | 133619 | 21.224 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.242 | 128 | 65616 | 26.855 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.964 | 143 | 78377 | 31.672 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.499 | 165 | 147509 | 25.174 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.022 | 131 | 65239 | 7.354 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.106 | 166 | 442060 | 23.114 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.400 | 160 | 523437 | 24.973 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.876 | 143 | 71131 | 21.656 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.693 | 176 | 403586 | 24.104 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.799 | 200 | 46445 | 20.622 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.544 | 188 | 604027 | 25.124 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.823 | 212 | 578932 | 22.682 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.723 | 264 | 443817 | 16.398 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 52) Acenaphthene | 14.770 | 153 | 23944 | 1.478 | ng/ul# | 86 |
| 61) Fluorene | 15.746 | 166 | 27224 | 1.451 | ng/ul# | 82 |
| 72) Phenanthrene | 17.491 | 178 | 591122 | 21.333 | ng/ul | 97 |
| 74) Anthracene | 17.579 | 178 | 106680 | 3.765 | ng/ul | 98 |
| 77) Carbazole | 17.843 | 167 | 56977 | 2.368 | ng/ul | 93 |
| 80) Fluoranthene | 19.494 | 202 | 1161334 | 39.214 | ng/ul | 98 |
| 82) Pyrene | 19.853 | 202 | 838599 | 26.631 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.692 | 228 | 540847 | 16.862 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.615 | 149 | 121284 | 7.196 | ng/ul | 98 |
| 87) Chrysene | 21.756 | 228 | 571247 | 18.822 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.918 | 252 | 804280 | 23.610 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.983 | 252 | 264060 | 7.537 | ng/ul | 97 |
| 93) Benzo(a)pyrene | 24.788 | 252 | 296280 | 9.034 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 28.619 | 276 | 271314m | 6.639 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.672 | 278 | 95140m | 2.800 | ng/ul | |

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

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