Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031726.D
Acq On : 30 May 2024 21:36
Operator : MA/JU
Sample : P2549-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 30 23:48:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BH626

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.687 | 152 | 399376 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.469 | 136 | 1826125 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.328 | 164 | 1239336 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.075 | 188 | 2586834 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.304 | 240 | 2139491 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.245 | 264 | 1803609 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.193 | 96 | 46423 | 4.809 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.593 | 84 | 501800 | 18.466 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.852 | 99 | 891648 | 26.043 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.022 | 67 | 521406 | 26.036 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.217 | 132 | 704298 | 26.960 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.387 | 113 | 643584 | 23.060 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.840 | 128 | 372184 | 26.656 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.558 | 143 | 400605 | 27.775 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.087 | 165 | 697619 | 25.908 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.610 | 131 | 711079 | 17.786 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.740 | 166 | 2321383 | 26.887 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.016 | 160 | 2668675 | 26.881 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.528 | 143 | 441898 | 25.562 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.322 | 176 | 2019406 | 27.643 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.446 | 200 | 301873m | 23.216 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.175 | 188 | 2969560 | 26.814 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.469 | 212 | 3579767 | 31.267 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.051 | 264 | 2420447 | 28.105 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.116 | 178 | 683551 | 5.187 | ng/ul | 98 |
| 80) Fluoranthene | 19.134 | 202 | 1768074 | 12.922 | ng/ul | 99 |
| 82) Pyrene | 19.498 | 202 | 1671659 | 11.908 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.286 | 228 | 828031 | 5.782 | ng/ul | 97 |
| 86) Bis(2-ethylhexyl)phtha... | 21.222 | 149 | 197082 | 2.039 | ng/ul | 99 |
| 87) Chrysene | 21.351 | 228 | 907085 | 6.781 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.322 | 252 | 971007 | 9.007 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.375 | 252 | 352215m | 3.329 | ng/ul | |
| 93) Benzo(a)pyrene | 24.110 | 252 | 632367 | 6.263 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 27.545 | 276 | 399138 | 3.430 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 27.592 | 278 | 105547m | 1.111 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 28.580 | 276 | 379650 | 4.105 | ng/ul | 99 |

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

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