Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031832.D
Acq On : 06 Jun 2024 23:50
Operator : MA/JU
Sample : P2647-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
BHBT4

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 00:44:22 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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.669 | 152 | 423221 | 20.000 | ng/ul | -0.02 |
| 20) Naphthalene-d8 | 10.451 | 136 | 1745861 | 20.000 | ng/ul | -0.02 |
| 38) Acenaphthene-d10 | 14.316 | 164 | 1065586 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.063 | 188 | 2107628 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.298 | 240 | 1287644 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.233 | 264 | 1433674 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.187 | 96 | 44288 | 4.329 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.593 | 84 | 426238 | 14.801 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.846 | 99 | 918076 | 25.304 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.010 | 67 | 501317 | 23.622 | ng/ul | -0.02 |
| 11) 2-Chlorophenol-d4 | 7.205 | 132 | 724571 | 26.173 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.375 | 113 | 704041 | 23.805 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 8.828 | 128 | 355268 | 26.614 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.546 | 143 | 378995 | 27.485 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.081 | 165 | 652830 | 25.360 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.599 | 131 | 810477 | 21.205 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.728 | 166 | 1803105 | 24.289 | ng/ul | -0.02 |
| 49) Acenaphthylene-d8 | 14.010 | 160 | 2202731 | 25.805 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.528 | 143 | 343899 | 23.137 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.310 | 176 | 1658184 | 26.399 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.439 | 200 | 186475 | 17.602 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.163 | 188 | 2361416 | 26.170 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.463 | 212 | 2254548 | 32.720 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.033 | 264 | 1754722 | 25.632 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.104 | 178 | 228334 | 2.127 | ng/ul | 99 |
| 80) Fluoranthene | 19.128 | 202 | 405974 | 4.930 | ng/ul | 100 |
| 82) Pyrene | 19.492 | 202 | 392995 | 4.651 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.280 | 228 | 157129 | 1.823 | ng/ul | 92 |
| 86) Bis(2-ethylhexyl)phtha... | 21.210 | 149 | 64819 | 1.114 | ng/ul | 100 |
| 87) Chrysene | 21.339 | 228 | 181372 | 2.253 | ng/ul# | 94 |
| 90) Benzo(b)fluoranthene | 23.304 | 252 | 234192 | 2.733 | ng/ul# | 95 |
| 93) Benzo(a)pyrene | 24.098 | 252 | 158795 | 1.979 | ng/ul# | 93 |
| 94) Indeno(1,2,3-cd)pyrene | 27.539 | 276 | 119669m | 1.294 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 28.574 | 276 | 120498m | 1.639 | ng/ul | |

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

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