Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013141.D
Acq On : 19 Dec 2022 23:28
Operator : CG/JU
Sample : N6006-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 20 00:42:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
DBXY9

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.958 | 152 | 596501 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.769 | 136 | 2548453 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.598 | 164 | 1639268 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.351 | 188 | 3448847 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.439 | 240 | 2255257 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.916 | 264 | 2438739 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.340 | 96 | 104982 | 7.525 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.770 | 84 | 560443 | 14.142 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.111 | 99 | 2081810 | 42.848 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.281 | 67 | 1359268 | 46.377 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.481 | 132 | 1726357 | 45.136 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.663 | 113 | 1304036 | 32.756 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.122 | 128 | 902535 | 48.202 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.852 | 143 | 1018372 | 48.310 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.387 | 165 | 1797656 | 43.905 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.905 | 131 | 1384265 | 23.948 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.004 | 166 | 5551514 | 44.065 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.293 | 160 | 6380480 | 46.090 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.793 | 143 | 705131 | 31.115 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.592 | 176 | 4853636 | 45.538 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.710 | 200 | 811442 | 36.561 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.451 | 188 | 6860839 | 44.095 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.686 | 212 | 7384373 | 57.044 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.757 | 264 | 5712754 | 46.997 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.392 | 178 | 724951 | 4.036 | ng/ul | 99 |
| 80) Fluoranthene | 19.357 | 202 | 1976877 | 13.455 | ng/ul | 100 |
| 82) Pyrene | 19.710 | 202 | 1684423 | 11.114 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.422 | 228 | 826586 | 5.521 | ng/ul | 98 |
| 87) Chrysene | 21.475 | 228 | 861424 | 6.084 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 23.157 | 252 | 1276049 | 8.205 | ng/ul | 97 |
| 91) Benzo(k)fluoranthene | 23.204 | 252 | 412560m | 2.675 | ng/ul | |
| 93) Benzo(a)pyrene | 23.810 | 252 | 828441 | 6.118 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.504 | 276 | 696130 | 4.127 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 26.515 | 278 | 167630 | 1.200 | ng/ul# | 87 |
| 96) Benzo(g,h,i)perylene | 27.304 | 276 | 639196 | 4.721 | ng/ul | 99 |

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

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