Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015983.D
Acq On : 04 Jul 2023 19:06
Operator : MA/JU
Sample : 03245-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 04 23:30:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
DCGH7

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.040 | 152 | 350659 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.869 | 136 | 1511227 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.693 | 164 | 867523 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.457 | 188 | 1570236 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.545 | 240 | 1084782 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 24.086 | 264 | 1282610 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.370 | 96 | 17986 | 1.845 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 7.246 | 99 | 353757 | 11.791 | ng/ul | 0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.369 | 67 | 254058 | 13.687 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.581 | 132 | 296837 | 13.106 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.805 | 113 | 242052 | 10.212 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 9.240 | 128 | 145331 | 12.584 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.969 | 143 | 155515 | 11.537 | ng/ul | 0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.563 | 165 | 251113 | 10.454 | ng/ul | 0.05 |
| 31) 4-Chloroaniline-d4 | 11.081 | 131 | 137348 | 4.451 | ng/ul | 0.05 |
| 46) Dimethylphthalate-d6 | 14.110 | 166 | 873671 | 13.030 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.393 | 160 | 968429 | 12.848 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.028 | 143 | 69021m | 7.800 | ng/ul | 0.08 |
| 60) Fluorene-d10 | 15.698 | 176 | 687416 | 12.451 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.887 | 200 | 48142 | 4.985 | ng/ul | 0.03 |
| 73) Anthracene-d10 | 17.563 | 188 | 798354 | 11.131 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.786 | 212 | 936188 | 13.217 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.921 | 264 | 849311 | 13.127 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.498 | 178 | 185022 | 2.169 | ng/ul | 99 |
| 80) Fluoranthene | 19.463 | 202 | 487086 | 5.533 | ng/ul# | 94 |
| 82) Pyrene | 19.816 | 202 | 373167 | 4.156 | ng/ul# | 91 |
| 85) Benzo(a)anthracene | 21.527 | 228 | 245575 | 3.218 | ng/ul# | 95 |
| 87) Chrysene | 21.586 | 228 | 263997 | 3.646 | ng/ul | 93 |
| 90) Benzo(b)fluoranthene | 23.304 | 252 | 413378 | 5.016 | ng/ul# | 95 |
| 91) Benzo(k)fluoranthene | 23.351 | 252 | 143628m | 1.725 | ng/ul | |
| 93) Benzo(a)pyrene | 23.974 | 252 | 255141 | 3.543 | ng/ul# | 92 |
| 94) Indeno(1,2,3-cd)pyrene | 26.798 | 276 | 223697 | 2.288 | ng/ul# | 95 |
| 96) Benzo(g,h,i)perylene | 27.627 | 276 | 195519 | 2.431 | ng/ul# | 91 |

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

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