Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015857.D
Acq On : 30 Jun 2023 22:30
Operator : MA/JU
Sample : 03239-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 01 00:35:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
DCFY6

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.052 | 152 | 256387 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.881 | 136 | 1019007 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.704 | 164 | 523937 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.463 | 188 | 907649 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.551 | 240 | 789020 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 24.092 | 264 | 973411 | 20.000 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.381 | 96 | 29262 | 4.106 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.834 | 84 | 130561 | 7.268 | ng/ul | 0.01 |
| 7) Phenol-d5 | 7.234 | 99 | 463696 | 21.138 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.375 | 67 | 332589 | 24.506 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.587 | 132 | 376142 | 22.715 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.799 | 113 | 220625 | 12.731 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 9.246 | 128 | 180649 | 23.197 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.975 | 143 | 187312 | 20.608 | ng/ul | 0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.546 | 165 | 300852 | 18.575 | ng/ul | 0.03 |
| 31) 4-Chloroaniline-d4 | 11.075 | 131 | 138671 | 6.665 | ng/ul | 0.04 |
| 46) Dimethylphthalate-d6 | 14.116 | 166 | 951043 | 23.485 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.398 | 160 | 1081529 | 23.758 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.010 | 143 | 71845m | 13.444 | ng/ul | 0.06 |
| 60) Fluorene-d10 | 15.704 | 176 | 744973 | 22.342 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.875 | 200 | 63798 | 11.429 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.569 | 188 | 922529 | 22.251 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.792 | 212 | 1079886 | 20.960 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.927 | 264 | 1154842 | 23.519 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 72) Phenanthrene | 17.510 | 178 | 92062 | 1.867 | ng/ul | 99 |
| 80) Fluoranthene | 19.469 | 202 | 319744 | 4.994 | ng/ul# | 95 |
| 82) Pyrene | 19.822 | 202 | 275115 | 4.212 | ng/ul# | 92 |
| 85) Benzo(a)anthracene | 21.533 | 228 | 182107 | 3.281 | ng/ul | 95 |
| 87) Chrysene | 21.592 | 228 | 203152 | 3.858 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.310 | 252 | 305340 | 4.882 | ng/ul# | 91 |
| 91) Benzo(k)fluoranthene | 23.363 | 252 | 110375m | 1.747 | ng/ul | |
| 93) Benzo(a)pyrene | 23.980 | 252 | 191483 | 3.504 | ng/ul# | 91 |
| 94) Indeno(1,2,3-cd)pyrene | 26.798 | 276 | 155266 | 2.093 | ng/ul# | 87 |
| 96) Benzo(g,h,i)perylene | 27.633 | 276 | 150655 | 2.468 | ng/ul# | 91 |

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

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