Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015681.D
Acq On : 23 Jun 2023 20:34
Operator : MA/JU
Sample : 03084-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 00:25:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
DCFM8

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.081 | 152 | 175127 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.904 | 136 | 667370 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.728 | 164 | 362898 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.492 | 188 | 653689 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.580 | 240 | 639071 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.145 | 264 | 790952 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.399 | 96 | 11248 | 2.378 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 7.246 | 99 | 201783 | 12.507 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.399 | 67 | 133067 | 13.810 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.605 | 132 | 177996 | 15.217 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.805 | 113 | 154016 | 11.632 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.263 | 128 | 80520 | 15.368 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.993 | 143 | 93043 | 15.550 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.540 | 165 | 152526 | 13.974 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.063 | 131 | 144286 | 9.210 | ng/ul | 0.01 |
| 46) Dimethylphthalate-d6 | 14.134 | 166 | 433495 | 15.148 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.422 | 160 | 479911 | 15.337 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.987 | 143 | 32695m | 6.380 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 15.728 | 176 | 324457 | 13.445 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.875 | 200 | 39286 | 9.487 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.592 | 188 | 443649 | 14.917 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.816 | 212 | 686910 | 20.083 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.974 | 264 | 874705 | 22.040 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.534 | 178 | 77708 | 2.215 | ng/ul | 99 |
| 80) Fluoranthene | 19.492 | 202 | 231711 | 5.561 | ng/ul | 100 |
| 82) Pyrene | 19.845 | 202 | 206369 | 4.788 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.563 | 228 | 150709 | 3.373 | ng/ul | 96 |
| 87) Chrysene | 21.622 | 228 | 160088 | 3.791 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.357 | 252 | 267423 | 5.238 | ng/ul# | 95 |
| 91) Benzo(k)fluoranthene | 23.398 | 252 | 73555 | 1.490 | ng/ul# | 97 |
| 93) Benzo(a)pyrene | 24.027 | 252 | 166008 | 3.729 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.851 | 276 | 136012 | 2.361 | ng/ul | 95 |
| 96) Benzo(g,h,i)perylene | 27.692 | 276 | 118953 | 2.506 | ng/ul | 99 |

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

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