Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015953.D
Acq On : 03 Jul 2023 16:13
Operator : MA/JU
Sample : 03245-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 03 23:38:18 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 :**
DCGG3

**Manual Integrations APPROVED**

Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.046 | 152 | 289154 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.875 | 136 | 1254595 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.698 | 164 | 766774 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.457 | 188 | 1619909 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.551 | 240 | 1117422 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.092 | 264 | 1180837 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.370 | 96 | 29212 | 3.635 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.828 | 84 | 150181 | 7.413 | ng/ul | 0.01 |
| 7) Phenol-d5 | 7.234 | 99 | 565665 | 22.864 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.369 | 67 | 368731 | 24.090 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.581 | 132 | 444277 | 23.789 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.793 | 113 | 453516 | 23.204 | ng/ul | 0.01 |
| 21) Nitrobenzene-d5 | 9.240 | 128 | 219703 | 22.914 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.969 | 143 | 245918 | 21.976 | ng/ul | 0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.540 | 165 | 439589 | 22.044 | ng/ul | 0.03 |
| 31) 4-Chloroaniline-d4 | 11.063 | 131 | 324507 | 12.668 | ng/ul | 0.04 |
| 46) Dimethylphthalate-d6 | 14.110 | 166 | 1522613 | 25.691 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.393 | 160 | 1701870 | 25.545 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.993 | 143 | 185274m | 23.689 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 15.698 | 176 | 1278201 | 26.193 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.869 | 200 | 156639 | 15.723 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.563 | 188 | 1841618 | 24.889 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.786 | 212 | 2021642 | 27.707 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.927 | 264 | 1540698 | 25.865 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.504 | 178 | 626774 | 7.122 | ng/ul | 99 |
| 80) Fluoranthene | 19.463 | 202 | 1095223 | 12.078 | ng/ul# | 93 |
| 82) Pyrene | 19.816 | 202 | 733250 | 7.927 | ng/ul# | 89 |
| 85) Benzo(a)anthracene | 21.533 | 228 | 224055m | 2.850 | ng/ul | |
| 87) Chrysene | 21.592 | 228 | 326410 | 4.377 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.316 | 252 | 329030 | 4.337 | ng/ul# | 93 |
| 91) Benzo(k)fluoranthene | 23.357 | 252 | 122602m | 1.599 | ng/ul | |
| 93) Benzo(a)pyrene | 23.980 | 252 | 163221 | 2.462 | ng/ul# | 91 |
| 94) Indeno(1,2,3-cd)pyrene | 26.810 | 276 | 127229 | 1.414 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 27.645 | 276 | 110651 | 1.494 | ng/ul# | 92 |

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

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