Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015960.D
Acq On : 03 Jul 2023 20:35
Operator : MA/JU
Sample : 03353-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCGK3

**Manual Integrations APPROVED**

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

Quant Time: Jul 04 00:02:20 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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.046 | 152 | 211450 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.875 | 136 | 949518 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.698 | 164 | 560137 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.457 | 188 | 1090163 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.551 | 240 | 704640 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.092 | 264 | 814001 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.370 | 96 | 29132 | 4.957 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.822 | 84 | 241272 | 16.286 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.234 | 99 | 505003 | 27.913 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.369 | 67 | 386601 | 34.539 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.581 | 132 | 442387 | 32.392 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.793 | 113 | 356110 | 24.916 | ng/ul | 0.01 |
| 21) Nitrobenzene-d5 | 9.240 | 128 | 224347 | 30.916 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.969 | 143 | 240680 | 28.418 | ng/ul | 0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.546 | 165 | 394413 | 26.133 | ng/ul | 0.04 |
| 31) 4-Chloroaniline-d4 | 11.063 | 131 | 331681 | 17.108 | ng/ul | 0.04 |
| 46) Dimethylphthalate-d6 | 14.110 | 166 | 1338630 | 30.919 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.393 | 160 | 1525250 | 31.339 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.004 | 143 | 116139m | 20.328 | ng/ul | 0.05 |
| 60) Fluorene-d10 | 15.698 | 176 | 1117848 | 31.358 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.875 | 200 | 114376 | 17.060 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.563 | 188 | 1527706 | 30.679 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.786 | 212 | 1522637 | 33.093 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.921 | 264 | 1338820 | 32.605 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.504 | 178 | 231060 | 3.901 | ng/ul | 99 |
| 80) Fluoranthene | 19.463 | 202 | 636457 | 11.130 | ng/ul# | 92 |
| 82) Pyrene | 19.816 | 202 | 548167 | 9.397 | ng/ul# | 90 |
| 85) Benzo(a)anthracene | 21.533 | 228 | 287875 | 5.808 | ng/ul | 97 |
| 87) Chrysene | 21.586 | 228 | 373809 | 7.949 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 23.310 | 252 | 494104 | 9.447 | ng/ul# | 94 |
| 91) Benzo(k)fluoranthene | 23.351 | 252 | 177217m | 3.354 | ng/ul | |
| 93) Benzo(a)pyrene | 23.974 | 252 | 351698 | 7.695 | ng/ul# | 94 |
| 94) Indeno(1,2,3-cd)pyrene | 26.786 | 276 | 253539 | 4.087 | ng/ul# | 95 |
| 95) Dibenzo(a,h)anthracene | 26.780 | 278 | 77196 | 1.515 | ng/ul# | 79 |
| 96) Benzo(g,h,i)perylene | 27.627 | 276 | 256319 | 5.022 | ng/ul# | 92 |

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

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