Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020931.D
Acq On : 12 Jul 2024 12:06
Operator : MA/JU
Sample : P3087-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jul 12 23:16:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A4BR3

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/13/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.722 | 152 | 250159 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.481 | 136 | 988931 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.345 | 164 | 617433 | 20.000 | ng/ul | -0.02 |
| 64) Phenanthrene-d10 | 17.163 | 188 | 1295866 | 20.000 | ng/ul | -0.02 |
| 79) Chrysene-d12 | 21.616 | 240 | 1310946 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.962 | 264 | 1525715 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.258 | 96 | 23409 | 4.258 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.669 | 84 | 295991 | 18.598 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.916 | 99 | 478808 | 23.477 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.069 | 67 | 306152 | 24.770 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.263 | 132 | 414747 | 24.682 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.434 | 113 | 391885 | 23.135 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.875 | 128 | 195676 | 25.475 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.581 | 143 | 222219 | 25.277 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.122 | 165 | 373364 | 23.486 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.634 | 131 | 491516 | 23.339 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.751 | 166 | 1080033 | 24.063 | ng/ul | -0.02 |
| 49) Acenaphthylene-d8 | 14.034 | 160 | 1229574 | 24.397 | ng/ul | -0.02 |
| 54) 4-Nitrophenol-d4 | 14.610 | 143 | 148343m | 23.229 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.363 | 176 | 914280 | 24.829 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.504 | 200 | 118238 | 15.080 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.269 | 188 | 1403280 | 24.381 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.651 | 212 | 1765683 | 21.786 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 24.739 | 264 | 1914986 | 25.449 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.210 | 178 | 350641 | 5.216 | ng/ul | 99 |
| 80) Fluoranthene | 19.298 | 202 | 421668 | 4.308 | ng/ul | 100 |
| 82) Pyrene | 19.674 | 202 | 352455 | 3.539 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.527 | 252 | 492794 | 16.451 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.598 | 228 | 152796 | 1.664 | ng/ul | 99 |
| 87) Chrysene | 21.668 | 228 | 147148m | 1.724 | ng/ul | |
| 90) Benzo(b)fluoranthene | 23.910 | 252 | 178180 | 1.924 | ng/ul# | 94 |
| 93) Benzo(a)pyrene | 24.809 | 252 | 118239 | 1.351 | ng/ul# | 94 |

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

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