Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
Sample : P4022-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 30 18:27:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
DDCA1

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.699 | 152 | 109233 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.457 | 136 | 429682 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.310 | 164 | 344046 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.116 | 188 | 797487 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.527 | 240 | 905732 | 20.000 | ng/ul | -0.01 |
| 88) Perylene-d12 | 24.815 | 264 | 1077648 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.217 | 96 | 11296 | 4.051 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.634 | 84 | 45968 | 5.767 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.852 | 99 | 60555 | 6.777 | ng/ul | -0.04 |
| 9) Bis-(2-Chloroethyl)eth... | 7.040 | 67 | 133635 | 24.288 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.258 | 132 | 175044 | 27.076 | ng/ul | 0.01 |
| 15) 4-Methylphenol-d8 | 8.416 | 113 | 153974 | 21.747 | ng/ul | 0.01 |
| 21) Nitrobenzene-d5 | 8.840 | 128 | 88241 | 27.438 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.552 | 143 | 106478 | 29.200 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.099 | 165 | 233484 | 29.484 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.575 | 131 | 21419 | 2.267 | ng/ul | -0.03 |
| 46) Dimethylphthalate-d6 | 13.716 | 166 | 786064 | 29.557 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.998 | 160 | 816797 | 29.008 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.587 | 143 | 59605m | 13.103 | ng/ul | 0.06 |
| 60) Fluorene-d10 | 15.328 | 176 | 674555 | 28.674 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.439 | 200 | 143509 | 28.985 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.222 | 188 | 1138194 | 30.572 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.592 | 212 | 1475278 | 31.440 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.598 | 264 | 1735928 | 30.627 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 23) Isophorone | 9.410 | 82 | 1950937 | 114.550 | ng/ul | 96 |
| 29) 2,4-Dichlorophenol | 10.122 | 162 | 59530 | 7.567 | ng/ul | 94 |
| 30) Naphthalene | 10.510 | 128 | 556074 | 24.595 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.122 | 142 | 421247 | 25.072 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.334 | 142 | 284776 | 16.806 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 12.740 | 196 | 141694 | 18.582 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.828 | 196 | 12062 | 1.461 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.134 | 154 | 46306 | 1.882 | ng/ul | 94 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.987 | 232 | 10994074 | 1383.148 | ng/ul | 95 |
| 61) Fluorene | 15.375 | 166 | 28342 | 1.074 | ng/ul# | 87 |
| 71) Pentachlorophenol | 16.804 | 266 | 20823657m | 2683.973 | ng/ul | |
| 72) Phenanthrene | 17.157 | 178 | 48949 | 1.171 | ng/ul# | 74 |

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

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