Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
Data File : BN012099.D
Acq On : 07 Oct 2020 16:23
Operator : CG/JU
Sample : L4184-18DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AS2DL

Quant Time: Oct 07 17:01:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 07 13:26:33 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.658 | 152 | 484660 | 20.00 | ng/ul | 0.02 |
| 18) Naphthalene-d8 | 10.428 | 136 | 1972845 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.293 | 164 | 1146808 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.045 | 188 | 2302769 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.251 | 240 | 2135724 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.463 | 264 | 2404379 | 20.00 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 6.834 | 99 | 52564 | 1.30 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)eth... | 6.993 | 67 | 36277 | 1.46 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4 | 7.193 | 132 | 43179 | 1.32 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.358 | 113 | 41500 | 1.30 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.805 | 128 | 21620 | 1.38 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.516 | 143 | 21070 | 1.24 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.057 | 165 | 41807 | 1.29 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.569 | 131 | 38830 | 1.01 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6 | 13.710 | 166 | 139756 | 1.55 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.987 | 160 | 155092 | 1.44 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.504 | 143 | 14807 | 0.89 | ng/ul | 0.01 |
| 58) Fluorene-d10 | 15.293 | 176 | 113867 | 1.45 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylph... | 15.422 | 200 | 2123 | 0.14 | ng/ul | 0.01 |
| 71) Anthracene-d10 | 17.145 | 188 | 179754 | 1.61 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.445 | 212 | 176296 | 1.57 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.322 | 264 | 180320 | 1.34 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 28) Naphthalene | 10.475 | 128 | 132264 | 1.17 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 12.099 | 142 | 126245 | 1.63 | ng/ul | 98 |
| 48) Acenaphthylene | 14.016 | 152 | 275523 | 2.44 | ng/ul | 97 |
| 50) Acenaphthene | 14.357 | 153 | 373264 | 4.60 | ng/ul | 98 |
| 54) Dibenzofuran | 14.698 | 168 | 527126 | 4.76 | ng/ul | 98 |
| 59) Fluorene | 15.345 | 166 | 871466 | 9.40 | ng/ul | 99 |
| 70) Phenanthrene | 17.092 | 178 | 7816131 | 55.71 | ng/ul | 99 |
| 72) Anthracene | 17.175 | 178 | 2138509 | 15.10 | ng/ul | 98 |
| 75) Carbazole | 17.451 | 167 | 451960 | 3.67 | ng/ul | 99 |
| 77) Fluoranthene | 19.116 | 202 | 6101328 | 38.72 | ng/ul | 99 |
| 80) Pyrene | 19.481 | 202 | 5410915 | 35.12 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.233 | 228 | 2681119 | 18.63 | ng/ul | 94 |
| 85) Chrysene | 21.286 | 228 | 2376498 | 16.80 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 22.804 | 252 | 2258882 | 13.41 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.839 | 252 | 619531 | 3.73 | ng/ul | 95 |
| 91) Benzo(a)pyrene | 23.363 | 252 | 1671127 | 10.94 | ng/ul | 96 |
| 92) Indeno(1,2,3-cd)pyrene | 25.668 | 276 | 881137 | 4.52 | ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 25.674 | 278 | 295327 | 1.84 | ng/ul# | 88 |
| 94) Benzo(g,h,i)perylene | 26.351 | 276 | 686248 | 4.13 | ng/ul | 99 |

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

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