Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100220\
Data File : BN012044.D
Acq On : 02 Oct 2020 19:41
Operator : CG/JU
Sample : L4166-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AE4

Quant Time: Oct 03 02:13:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 02:12:24 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.658 | 152 | 266630 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.434 | 136 | 1018119 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.298 | 164 | 579672 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.045 | 188 | 1174797 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.245 | 240 | 1189186 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.451 | 264 | 1296713 | 20.00 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.199 | 96 | 20518 | 3.35 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.828 | 99 | 319911 | 14.38 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)eth... | 6.999 | 67 | 221706 | 16.22 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.193 | 132 | 276022 | 15.34 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.358 | 113 | 259729 | 14.83 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.805 | 128 | 126835 | 15.69 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.522 | 143 | 132682 | 15.18 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.052 | 165 | 241928 | 14.43 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.569 | 131 | 323997 | 16.39 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.710 | 166 | 819333 | 18.02 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.987 | 160 | 878627 | 16.19 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.493 | 143 | 70200 | 8.38 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.293 | 176 | 640726 | 16.15 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylph... | 15.410 | 200 | 66824 | 8.91 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.140 | 188 | 928903 | 16.31 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.445 | 212 | 1022432 | 16.35 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.310 | 264 | 1146349 | 15.75 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 6) Phenol | 6.858 | 94 | 32030 | 1.38 | ng/ul | 92 |
| 45) Dimethylphthalate | 13.757 | 163 | 207527 | 4.43 | ng/ul | 99 |
| 50) Acenaphthene | 14.363 | 153 | 106525 | 2.60 | ng/ul | 93 |
| 59) Fluorene | 15.351 | 166 | 49019 | 1.05 | ng/ul | 98 |
| 70) Phenanthrene | 17.087 | 178 | 117773 | 1.65 | ng/ul | 97 |
| 72) Anthracene | 17.175 | 178 | 185263 | 2.56 | ng/ul | 98 |
| 77) Fluoranthene | 19.110 | 202 | 414542 | 5.16 | ng/ul | 97 |
| 80) Pyrene | 19.475 | 202 | 303556 | 3.54 | ng/ul | 97 |
| 83) Benzo(a)anthracene | 21.228 | 228 | 140617 | 1.76 | ng/ul | 98 |
| 85) Chrysene | 21.280 | 228 | 182907 | 2.32 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.792 | 252 | 137929 | 1.52 | ng/ul | 98 |
| 91) Benzo(a)pyrene | 23.351 | 252 | 84476 | 1.03 | ng/ul# | 89 |

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

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