Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011530.D
Acq On : 20 Aug 2020 18:30
Operator : CG/JU
Sample : L3668-13DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBFX3DL

Quant Time: Aug 20 19:01:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 13:39:40 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.42 | 152 | 154813 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.17 | 136 | 616454 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.06 | 164 | 358924 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.82 | 188 | 813236 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.04 | 240 | 788913 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.14 | 264 | 705628 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 6.63 | 99 | 11995 | 1.10 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.79 | 67 | 30026 | 5.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.97 | 132 | 41320 | 4.21 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.14 | 113 | 24173 | 2.72 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.56 | 128 | 24375 | 5.10 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.28 | 143 | 24397 | 4.54 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.80 | 165 | 52842 | 5.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.33 | 131 | 5601 | 0.46 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6 | 13.48 | 166 | 189280 | 6.77 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.74 | 160 | 209247 | 6.22 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 58) Fluorene-d10 | 15.06 | 176 | 169673 | 6.94 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.20 | 200 | 24867 | 4.61 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.91 | 188 | 274180 | 7.06 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.22 | 212 | 304929 | 7.52 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.01 | 264 | 267774 | 6.83 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.23 | 128 | 9617603 | 279.561 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 11.83 | 142 | 452266 | 19.179 | ng/ul | 92 |
| 41) 1,1'-Biphenyl | 12.88 | 154 | 131767 | 4.574 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.53 | 163 | 29087 | 1.014 | ng/ul# | 98 |
| 48) Acenaphthylene | 13.77 | 152 | 35080 | 1.007 | ng/ul# | 96 |
| 50) Acenaphthene | 14.12 | 153 | 324989 | 13.327 | ng/ul | 99 |
| 54) Dibenzofuran | 14.46 | 168 | 406600 | 11.497 | ng/ul | 98 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.70 | 232 | 13471 | 2.021 | ng/ul# | 91 |
| 59) Fluorene | 15.12 | 166 | 217781 | 7.640 | ng/ul | 100 |
| 69) Pentachlorophenol | 16.47 | 266 | 33175 | 5.621 | ng/ul | 84 |
| 70) Phenanthrene | 16.86 | 178 | 228704 | 4.741 | ng/ul | 97 |
| 75) Carbazole | 17.22 | 167 | 994886 | 24.215 | ng/ul | 99 |

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

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