Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004346.D
Acq On : 17 Dec 2020 18:14
Operator : CG/JU
Sample : L5067-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** A54E4

Quant Time: Dec 18 00:41:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 00:21:01 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.83 | 152 | 218045 | 20.00 | ng/ul | -0.01 |
| 18) Naphthalene-d8 | 10.63 | 136 | 902719 | 20.00 | ng/ul | -0.01 |
| 36) Acenaphthene-d10 | 14.48 | 164 | 561474 | 20.00 | ng/ul | -0.01 |
| 62) Phenanthrene-d10 | 17.24 | 188 | 1227651 | 20.00 | ng/ul | -0.01 |
| 78) Chrysene-d12 | 21.34 | 240 | 1247480 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.70 | 264 | 1328925 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.33 | 96 | 15963 | 2.57 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.99 | 99 | 331496 | 18.38 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.16 | 67 | 189896 | 16.86 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.36 | 132 | 275459 | 20.12 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.53 | 113 | 242541 | 17.80 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.99 | 128 | 140054 | 18.94 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 9.71 | 143 | 150393 | 24.66 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.25 | 165 | 268097 | 20.00 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.76 | 131 | 306385 | 18.43 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.89 | 166 | 809959 | 18.87 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.17 | 160 | 1066961 | 19.48 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4 | 14.67 | 143 | 115238 | 15.90 | ng/ul | -0.01 |
| 58) Fluorene-d10 | 15.48 | 176 | 731464 | 18.82 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.60 | 200 | 81492 | 13.84 | ng/ul | -0.01 |
| 71) Anthracene-d10 | 17.34 | 188 | 1151765 | 19.25 | ng/ul | -0.01 |
| 79) Pyrene-d10 | 19.59 | 212 | 1359878 | 20.93 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.55 | 264 | 1451541 | 20.73 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.02 | 94 | 115596 | 6.138 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.93 | 163 | 97704 | 2.235 | ng/ul | 98 |
| 70) Phenanthrene | 17.28 | 178 | 143651 | 1.983 | ng/ul | 99 |
| 77) Fluoranthene | 19.26 | 202 | 292455 | 3.782 | ng/ul | 98 |
| 80) Pyrene | 19.61 | 202 | 270300 | 3.212 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.32 | 228 | 152231 | 1.851 | ng/ul | 97 |
| 85) Chrysene | 21.37 | 228 | 153124 | 1.898 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 22.99 | 252 | 196303 | 2.329 | ng/ul# | 90 |
| 91) Benzo(a)pyrene | 23.60 | 252 | 150072 | 1.908 | ng/ul# | 92 |
| 92) Indeno(1,2,3-cd)pyrene | 26.13 | 276 | 102158 | 1.036 | ng/ul | 94 |
| 94) Benzo(g,h,i)perylene | 26.87 | 276 | 106688 | 1.289 | ng/ul | 98 |

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

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