Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004776.D
Acq On : 17 Feb 2021 16:53
Operator : CG/JU
Sample : M1407-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBGK7

Quant Time: Feb 18 06:47:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 47939 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.56 | 136 | 192122 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.41 | 164 | 120451 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.16 | 188 | 261665 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.25 | 240 | 286337 | 20.00 | ng/ul | -0.01 |
| 86) Perylene-d12 | 23.55 | 264 | 278113 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.25 | 96 | 6519 | 5.26 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.93 | 99 | 27593 | 7.17 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.10 | 67 | 64286 | 32.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.30 | 132 | 80440 | 27.59 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.47 | 113 | 51769 | 17.10 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.92 | 128 | 47009 | 35.44 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.64 | 143 | 53290 | 36.61 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.18 | 165 | 91828 | 31.34 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.69 | 131 | 9685 | 2.96 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.82 | 166 | 339675 | 38.85 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.10 | 160 | 396330 | 37.26 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.61 | 143 | 11739 | 7.68 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.40 | 176 | 290121 | 38.72 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 66680 | 42.16 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.26 | 188 | 470539 | 40.78 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.50 | 212 | 547917 | 40.88 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.40 | 264 | 585661 | 41.63 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.64 | 128 | 12220945 | 1235.724 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.23 | 142 | 658724 | 92.399 | ng/ul | 97 |
| 40) 2,4,5-Trichlorophenol | 12.91 | 196 | 4675 | 1.874 | ng/ul# | 90 |
| 41) 1,1'-Biphenyl | 13.24 | 154 | 236171 | 26.597 | ng/ul | 99 |
| 48) Acenaphthylene | 14.13 | 152 | 80504 | 8.009 | ng/ul | 98 |
| 50) Acenaphthene | 14.47 | 153 | 543623 | 72.891 | ng/ul | 100 |
| 54) Dibenzofuran | 14.81 | 168 | 688631 | 64.579 | ng/ul | 100 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.04 | 232 | 12665 | 5.645 | ng/ul# | 97 |
| 59) Fluorene | 15.46 | 166 | 355585 | 39.948 | ng/ul | 99 |
| 69) Pentachlorophenol | 16.81 | 266 | 27175 | 14.443 | ng/ul | 96 |
| 70) Phenanthrene | 17.20 | 178 | 362924 | 26.036 | ng/ul | 99 |
| 72) Anthracene | 17.30 | 178 | 19321 | 1.363 | ng/ul | 97 |
| 75) Carbazole | 17.57 | 167 | 1052298 | 84.787 | ng/ul | 99 |

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

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