Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001977.D
Acq On : 05 Jul 2018 20:52
Operator : JU/SJ
Sample : J3721-18DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** F1H03DL

**Manual Integrations APPROVED**
Sohil
7/6/2018 5:19:50 PM

Quant Time: Jul 06 03:32:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.71 | 152 | 572890 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.48 | 136 | 2646800 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.34 | 164 | 1542562 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.09 | 188 | 3390781 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.29 | 240 | 2865562 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.52 | 264 | 2434426 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.27 | 96 | 6855 | 0.52 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.88 | 99 | 158272 | 3.05 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.05 | 67 | 99683 | 3.12 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.25 | 132 | 127075 | 3.09 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.41 | 113 | 120457 | 2.90 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.85 | 128 | 61343 | 3.12 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.57 | 143 | 64003 | 3.15 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.10 | 165 | 130136 | 3.00 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.62 | 131 | 72751 | 1.62 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.75 | 166 | 410879 | 3.15 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.03 | 160 | 512693 | 3.19 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.54 | 143 | 47913 | 2.00 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.33 | 176 | 379196 | 3.32 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 37280 | 2.02 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.18 | 188 | 556643 | 3.40 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.48 | 212 | 582335 | 4.03 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.37 | 264 | 434165 | 3.28 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.80 | 163 | 169784 | 1.326 | ng/ul# | 99 |
| 47) Acenaphthylene | 14.06 | 152 | 533864 | 3.439 | ng/ul | 99 |
| 69) Phenanthrene | 17.13 | 178 | 1106965 | 5.795 | ng/ul | 100 |
| 71) Anthracene | 17.22 | 178 | 1883248 | 9.740 | ng/ul | 98 |
| 72) Carbazole | 17.49 | 167 | 870934 | 5.377 | ng/ul | 99 |
| 74) Fluoranthene | 19.15 | 202 | 8557856 | 42.623 | ng/ul# | 89 |
| 77) Pyrene | 19.52 | 202 | 8675763 | 48.380 | ng/ul# | 86 |
| 80) Benzo(a)anthracene | 21.27 | 228 | 3602256 | 19.891 | ng/ul | 95 |
| 82) Chrysene | 21.32 | 228 | 5416165 | 32.142 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 22.86 | 252 | 7809509 | 50.791 | ng/ul# | 93 |
| 86) Benzo(k)fluoranthene | 22.89 | 252 | 2665927m | 17.880 | ng/ul | |
| 88) Benzo(a)pyrene | 23.42 | 252 | 3379656 | 23.522 | ng/ul# | 95 |
| 89) Indeno(1,2,3-cd)pyrene | 25.75 | 276 | 2277742 | 14.898 | ng/ul# | 91 |
| 90) Dibenzo(a,h)anthracene | 25.75 | 278 | 593647 | 4.665 | ng/ul# | 89 |
| 91) Benzo(g,h,i)perylene | 26.43 | 276 | 1617481 | 12.825 | ng/ul# | 91 |

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

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