Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012843.D
Acq On : 09 Nov 2017 08:31
Operator : SJ/JU
Sample : I6096-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-76(1-3)-102317

**Manual Integrations APPROVED**
Sohil
11/9/2017 3:49:06 PM

Quant Time: Nov 09 10:20:18 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 151668 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.59 | 136 | 637442 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.44 | 164 | 390727 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.19 | 188 | 853465 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.37 | 240 | 690061 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.66 | 264 | 760780 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 5116 | 1.82 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.98 | 99 | 121355 | 10.75 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.13 | 67 | 60686 | 9.92 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.34 | 132 | 98445 | 10.47 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.52 | 113 | 96995 | 9.96 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.96 | 128 | 46825 | 9.94 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.68 | 143 | 59670 | 11.07 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.22 | 165 | 124576 | 11.28 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.73 | 131 | 118786 | 11.14 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.85 | 166 | 452372 | 13.99 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.13 | 160 | 436139 | 10.91 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.67 | 143 | 89828 | 17.34 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.44 | 176 | 364471 | 13.16 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.58 | 200 | 13968 | 2.48 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.29 | 188 | 778652 | 18.88 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.59 | 212 | 904568 | 28.25 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.51 | 264 | 933186 | 25.94 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.01 | 94 | 12610 | 1.089 | ng/ul# | 91 |
| 44) Dimethylphthalate | 13.90 | 163 | 180153 | 5.615 | ng/ul | 98 |
| 69) Phenanthrene | 17.23 | 178 | 305205 | 6.543 | ng/ul | 99 |
| 71) Anthracene | 17.32 | 178 | 67055 | 1.386 | ng/ul | 99 |
| 76) Fluoranthene | 19.25 | 202 | 666195m | 11.884 | ng/ul | |
| 79) Pyrene | 19.62 | 202 | 659194 | 16.011 | ng/ul# | 92 |
| 82) Benzo(a)anthracene | 21.36 | 228 | 362481 | 8.681 | ng/ul | 96 |
| 84) Chrysene | 21.41 | 228 | 368682 | 9.742 | ng/ul | 97 |
| 87) Benzo(b)fluoranthene | 22.97 | 252 | 589597 | 12.682 | ng/ul# | 95 |
| 88) Benzo(k)fluoranthene | 23.01 | 252 | 192477m | 4.355 | ng/ul | |
| 90) Benzo(a)pyrene | 23.57 | 252 | 441369m | 9.977 | ng/ul | |
| 91) Indeno(1,2,3-cd)pyrene | 25.98 | 276 | 354936 | 6.657 | ng/ul# | 86 |
| 92) Dibenzo(a,h)anthracene | 25.98 | 278 | 92982 | 2.060 | ng/ul# | 88 |
| 93) Benzo(g,h,i)perylene | 26.69 | 276 | 317854 | 7.235 | ng/ul# | 90 |

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

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