Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100617\
Data File : BM011941.D
Acq On : 06 Oct 2017 15:47
Operator : SJ/JU
Sample : I5449-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-60(5-7)-092617DL

**Manual Integrations APPROVED**
Sohil
10/9/2017 6:38:49 PM

Quant Time: Oct 12 05:26:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 05:58:48 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 229272 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.66 | 136 | 933887 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.50 | 164 | 524909 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.24 | 188 | 1130724 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.42 | 240 | 1157003 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.74 | 264 | 1268611 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.28 | 96 | 3917 | 0.81 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.02 | 99 | 58112 | 2.95 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.19 | 67 | 40389 | 3.46 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.39 | 132 | 55401 | 3.50 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.56 | 113 | 47065 | 2.76 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.03 | 128 | 23898 | 3.59 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.75 | 143 | 28571 | 3.81 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.29 | 165 | 53924 | 3.56 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.81 | 131 | 25410 | 1.54 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 13.91 | 166 | 183413 | 4.03 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.20 | 160 | 204048 | 3.82 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.72 | 143 | 15646m | 1.97 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.50 | 176 | 152292 | 3.79 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.62 | 200 | 12321 | 1.62 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.34 | 188 | 234736 | 4.21 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.63 | 212 | 252450 | 4.84 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.59 | 264 | 245205 | 4.02 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 69) Phenanthrene | 17.29 | 178 | 105950 | 1.703 | ng/ul | 98 |
| 74) Fluoranthene | 19.30 | 202 | 202634 | 2.670 | ng/ul# | 91 |
| 77) Pyrene | 19.66 | 202 | 190217 | 2.965 | ng/ul# | 86 |
| 78) Butylbenzylphthalate | 20.55 | 149 | 472347 | 18.796 | ng/ul | 88 |
| 80) Benzo(a)anthracene | 21.40 | 228 | 115110 | 1.737 | ng/ul# | 93 |
| 82) Chrysene | 21.46 | 228 | 109942 | 1.746 | ng/ul# | 90 |
| 85) Benzo(b)fluoranthene | 23.04 | 252 | 152664 | 1.980 | ng/ul# | 85 |
| 88) Benzo(a)pyrene | 23.64 | 252 | 109783 | 1.482 | ng/ul# | 85 |
| 89) Indeno(1,2,3-cd)pyrene | 26.11 | 276 | 83246 | 1.050 | ng/ul# | 82 |
| 91) Benzo(g,h,i)perylene | 26.84 | 276 | 77863 | 1.187 | ng/ul# | 79 |

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

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