Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014821.D
Acq On : 24 Apr 2018 22:03
Operator : SJ/JU
Sample : J2431-13DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DASP4DL

**Manual Integrations APPROVED**
Sohil
4/25/2018 4:31:06 PM

Quant Time: Apr 25 02:39:05 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.52 | 152 | 524250 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.37 | 136 | 2328865 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 15.13 | 164 | 1317645 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.84 | 188 | 2942247 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.93 | 240 | 3080666 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 24.41 | 264 | 2720923 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.66 | 96 | 5887 | 0.49 | ng/uL | 0.01 |
| 5) Phenol-d5 | 7.65 | 99 | 125472 | 3.10 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.82 | 67 | 93836 | 3.61 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 8.04 | 132 | 101018 | 2.98 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.22 | 113 | 97544 | 3.02 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.70 | 128 | 48505 | 2.88 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.43 | 143 | 42831 | 2.55 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.97 | 165 | 90926 | 2.67 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.49 | 131 | 131272 | 3.90 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.52 | 166 | 325069 | 3.16 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.83 | 160 | 334948 | 2.64 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.28 | 143 | 23132 | 1.21 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 16.10 | 176 | 294237 | 3.29 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.20 | 200 | 13397 | 0.84 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.94 | 188 | 429906 | 3.14 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.17 | 212 | 495633 | 3.40 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 24.25 | 264 | 461354 | 3.45 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 49) Acenaphthene | 15.19 | 153 | 359437 | 4.110 | ng/ul | 98 |
| 53) Dibenzofuran | 15.52 | 168 | 581159 | 4.786 | ng/ul | 100 |
| 58) Fluorene | 16.16 | 166 | 1061232 | 10.823 | ng/ul | 98 |
| 69) Phenanthrene | 17.89 | 178 | 12686349 | 80.288 | ng/ul | 95 |
| 71) Anthracene | 17.97 | 178 | 2540563 | 15.843 | ng/ul | 99 |
| 74) Fluoranthene | 19.85 | 202 | 12466899 | 72.367 | ng/ul# | 77 |
| 77) Pyrene | 20.20 | 202 | 8847086 | 49.151 | ng/ul# | 78 |
| 80) Benzo(a)anthracene | 21.91 | 228 | 2983307 | 16.560 | ng/ul | 98 |
| 81) Bis(2-ethylhexyl)phthalate | 21.79 | 149 | 1180818 | 10.955 | ng/ul# | 94 |
| 82) Chrysene | 21.96 | 228 | 2211931 | 13.116 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 23.65 | 252 | 1670917 | 10.417 | ng/ul# | 96 |
| 86) Benzo(k)fluoranthene | 23.69 | 252 | 557450m | 3.614 | ng/ul | |
| 88) Benzo(a)pyrene | 24.30 | 252 | 944002 | 6.204 | ng/ul# | 95 |
| 89) Indeno(1,2,3-cd)pyrene | 26.98 | 276 | 283310 | 1.539 | ng/ul# | 91 |

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

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