Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097216.D
Acq On : 5 Aug 2018 00:53
Operator : SJ/JU
Sample : J4171-20DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :**

Quant Time: Aug 06 04:43:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 03:46:27 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 1415 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.13 | 136 | 7487 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.02 | 164 | 4502 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.77 | 188 | 10810 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 20.98 | 240 | 11323 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.21 | 264 | 10892m | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.73 | 152 | 928 | 0.08 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 18.81 | 212 | 2528 | 0.07 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 8) Acenaphthene | 14.08 | 153 | 492 | 0.035 | ng/ul# | 91 |
| 9) Fluorene | 15.08 | 166 | 598 | 0.037 | ng/ul# | 92 |
| 12) Phenanthrene | 16.81 | 178 | 28696m | 1.041 | ng/ul | |
| 13) Anthracene | 16.90 | 178 | 4646 | 0.181 | ng/ul | 94 |
| 15) Fluoranthene | 18.84 | 202 | 77262 | 2.121 | ng/ul | 84 |
| 17) Pyrene | 19.20 | 202 | 80413 | 2.650 | ng/ul# | 80 |
| 18) Benzo(a)anthracene | 20.96 | 228 | 34205 | 1.057 | ng/ul# | 84 |
| 19) Chrysene | 21.01 | 228 | 38564 | 1.157 | ng/ul | 99 |
| 21) Benzo(b)fluoranthene | 22.53 | 252 | 49652m | 1.673 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.58 | 252 | 15407m | 0.481 | ng/ul | |
| 23) Benzo(a)pyrene | 23.11 | 252 | 38407 | 1.293 | ng/ul# | 78 |
| 24) Indeno(1,2,3-cd)pyrene | 25.50 | 276 | 28890 | 0.777 | ng/ul# | 70 |
| 25) Dibenzo(a,h)anthracene | 25.51 | 278 | 6187 | 0.203 | ng/ul | 97 |
| 26) Benzo(g,h,i)perylene | 26.20 | 276 | 26638 | 0.829 | ng/ul# | 92 |

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

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