Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094842.D
Acq On : 22 Nov 2017 21:17
Operator : SJ/JU
Sample : I6496-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
C0AA1

**Manual Integrations APPROVED**
Sohil
11/27/2017 3:25:41 PM

Quant Time: Nov 23 03:05:02 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 23 02:50:08 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.89 | 152 | 691 | 0.40 | ng/ul | -0.04 |
| 2) Naphthalene-d8 | 10.67 | 136 | 4662 | 0.40 | ng/ul | -0.04 |
| 6) Acenaphthene-d10 | 14.50 | 164 | 3365 | 0.40 | ng/ul | -0.01 |
| 10) Phenanthrene-d10 | 17.24 | 188 | 8284m | 0.40 | ng/ul | -0.02 |
| 16) Chrysene-d12 | 21.42 | 240 | 8449 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.96 | 264 | 9439 | 0.40 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.29 | 152 | 2197 | 0.29 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.27 | 212 | 7478 | 0.26 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.72 | 128 | 449 | 0.040 | ng/ul# | 64 |
| 5) 2-Methylnaphthalene | 12.37 | 142 | 587 | 0.076 | ng/ul | 97 |
| 12) Phenanthrene | 17.27 | 178 | 2946m | 0.132 | ng/ul | |
| 13) Anthracene | 17.36 | 178 | 585m | 0.026 | ng/ul | |
| 15) Fluoranthene | 19.30 | 202 | 5035 | 0.172 | ng/ul | 84 |
| 17) Pyrene | 19.66 | 202 | 5495 | 0.208 | ng/ul# | 85 |
| 18) Benzo(a)anthracene | 21.41 | 228 | 2431 | 0.095 | ng/ul# | 90 |
| 19) Chrysene | 21.46 | 228 | 3411 | 0.133 | ng/ul# | 91 |
| 21) Benzo(b)fluoranthene | 23.17 | 252 | 3948m | 0.140 | ng/ul | |
| 22) Benzo(k)fluoranthene | 23.21 | 252 | 1247m | 0.042 | ng/ul | |
| 23) Benzo(a)pyrene | 23.83 | 252 | 2259 | 0.081 | ng/ul# | 92 |
| 24) Indeno(1,2,3-cd)pyrene | 26.68 | 276 | 1663 | 0.055 | ng/ul# | 77 |
| 26) Benzo(g,h,i)perylene | 27.53 | 276 | 1420 | 0.056 | ng/ul# | 71 |

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

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