Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025427.D
Acq On : 09 Mar 2020 23:04
Operator : CG/JU
Sample : L1616-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DBDQ4DL

**Manual Integrations APPROVED**
mohammad
3/10/2020 7:59:25 AM

Quant Time: Mar 10 00:31:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 3747 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.43 | 136 | 15844 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.29 | 164 | 10592 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.03 | 188 | 20917 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.22 | 240 | 16268 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.41 | 264 | 16959 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.03 | 152 | 1202 | 0.04 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.06 | 212 | 2281 | 0.04 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.48 | 128 | 1489 | 0.032 | ng/ul# | 89 |
| 7) Acenaphthylene | 14.01 | 152 | 4958 | 0.115 | ng/ul | 98 |
| 8) Acenaphthene | 14.35 | 153 | 1288 | 0.034 | ng/ul | 93 |
| 9) Fluorene | 15.34 | 166 | 1334 | 0.029 | ng/ul# | 98 |
| 12) Phenanthrene | 17.07 | 178 | 9011 | 0.136 | ng/ul | 98 |
| 13) Anthracene | 17.16 | 178 | 22731 | 0.394 | ng/ul | 100 |
| 15) Fluoranthene | 19.09 | 202 | 123676 | 1.721 | ng/ul | 99 |
| 17) Pyrene | 19.45 | 202 | 143841 | 1.970 | ng/ul | 100 |
| 18) Benzo(a)anthracene | 21.20 | 228 | 56171 | 0.966 | ng/ul | 97 |
| 19) Chrysene | 21.26 | 228 | 89296 | 1.367 | ng/ul | 99 |
| 21) Benzo(b)fluoranthene | 22.76 | 252 | 184648m | 2.750 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.80 | 252 | 55085m | 0.783 | ng/ul | |
| 23) Benzo(a)pyrene | 23.31 | 252 | 48762 | 0.874 | ng/ul | 95 |
| 24) Indeno(1,2,3-cd)pyrene | 25.58 | 276 | 66890 | 0.884 | ng/ul# | 96 |
| 25) Dibenzo(a,h)anthracene | 25.59 | 278 | 15938 | 0.250 | ng/ul | 97 |
| 26) Benzo(g,h,i)perylene | 26.24 | 276 | 38464 | 0.586 | ng/ul | 99 |

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

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Sample : L1616-10DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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