Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027967.D
Acq On : 25 Nov 2020 17:11
Operator : JU/CG
Sample : L4751-13DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B85DL

**Manual Integrations APPROVED**
mohammad
11/27/2020 11:43:44 AM

Quant Time: Nov 25 17:43:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.32 | 152 | 1021 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 11.16 | 136 | 4118 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.94 | 164 | 2315 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.66 | 188 | 4184 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.76 | 240 | 2413 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 24.18 | 264 | 2286 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.72 | 152 | 153 | 0.02 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.65 | 212 | 227 | 0.02 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 8) Acenaphthene | 15.00 | 153 | 381 | 0.045 | ng/ul | 95 |
| 9) Fluorene | 15.97 | 166 | 398 | 0.041 | ng/ul# | 93 |
| 12) Phenanthrene | 17.69 | 178 | 13192 | 0.998 | ng/ul | 98 |
| 13) Anthracene | 17.79 | 178 | 2085 | 0.164 | ng/ul | 94 |
| 15) Fluoranthene | 19.67 | 202 | 45750 | 3.122 | ng/ul | 98 |
| 17) Pyrene | 20.03 | 202 | 36919 | 3.013 | ng/ul | 97 |
| 18) Benzo(a)anthracene | 21.74 | 228 | 18392 | 1.889 | ng/ul | 100 |
| 19) Chrysene | 21.80 | 228 | 24134 | 2.545 | ng/ul | 98 |
| 21) Benzo(b)fluoranthene | 23.44 | 252 | 31482m | 3.277 | ng/ul | |
| 22) Benzo(k)fluoranthene | 23.49 | 252 | 11991m | 1.275 | ng/ul | |
| 23) Benzo(a)pyrene | 24.07 | 252 | 17766 | 2.115 | ng/ul# | 87 |
| 24) Indeno(1,2,3-cd)pyrene | 26.67 | 276 | 13754 | 1.512 | ng/ul# | 97 |
| 25) Dibenzo(a,h)anthracene | 26.67 | 278 | 3540 | 0.467 | ng/ul | 97 |
| 26) Benzo(g,h,i)perylene | 27.44 | 276 | 12139 | 1.591 | ng/ul | 94 |

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

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