Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031320\

Quantitation Report (QT Reviewed)

Data File : BM025559.D
Acq On : 14 Mar 2020 02:39
Operator : CG/JU
Sample : L1786-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Mar 16 07:08:15 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 16 06:44:28 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 3427 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.42 | 136 | 14826 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.28 | 164 | 9953 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.02 | 188 | 21196 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.21 | 240 | 14740 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.39 | 264 | 14329 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.02 | 152 | 2551 | 0.10 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.05 | 212 | 6218 | 0.11 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.47 | 128 | 10220 | 0.233 | ng/ul | 100 |
| 5) 2-Methylnaphthalene | 12.09 | 142 | 4175 | 0.133 | ng/ul | 100 |
| 7) Acenaphthylene | 14.00 | 152 | 13190 | 0.324 | ng/ul# | 86 |
| 8) Acenaphthene | 14.35 | 153 | 10789 | 0.302 | ng/ul | 99 |
| 9) Fluorene | 15.33 | 166 | 34490 | 0.794 | ng/ul | 100 |
| 12) Phenanthrene | 17.07 | 178 | 384367 | 5.722 | ng/ul | 99 |
| 13) Anthracene | 17.16 | 178 | 227669 | 3.895 | ng/ul | 99 |
| 15) Fluoranthene | 19.08 | 202 | 808893 | 11.109 | ng/ul | 98 |
| 17) Pyrene | 19.45 | 202 | 571686 | 8.641 | ng/ul | 98 |
| 18) Benzo(a)anthracene | 21.20 | 228 | 290113 | 5.505 | ng/ul | 99 |
| 19) Chrysene | 21.25 | 228 | 286795 | 4.846 | ng/ul | 98 |
| 21) Benzo(b)fluoranthene | 22.74 | 252 | 274744m | 4.842 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.78 | 252 | 102975m | 1.732 | ng/ul | |
| 23) Benzo(a)pyrene | 23.30 | 252 | 164822 | 3.498 | ng/ul# | 93 |
| 24) Indeno(1,2,3-cd)pyrene | 25.56 | 276 | 99237 | 1.552 | ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 25.57 | 278 | 31765 | 0.591 | ng/ul | 96 |
| 26) Benzo(g,h,i)perylene | 26.22 | 276 | 63136 | 1.139 | ng/ul | 98 |

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

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