Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
Data File : BM033235.D
Acq On : 23 Nov 2021 13:35
Operator : CG/JU
Sample : M4725-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
F4L11

Quant Time: Nov 23 14:41:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/26/2021

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.953 | 152 | 3066 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.747 | 136 | 9610 | 0.400 | ng/ul | #-0.01 |
| 9) Acenaphthene-d10 | 14.572 | 164 | 6786 | 0.400 | ng/ul | #-0.01 |
| 13) Phenanthrene-d10 | 17.306 | 188 | 14806 | 0.400 | ng/ul | #-0.01 |
| 17) Chrysene-d12 | 21.463 | 240 | 11884 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.803 | 264 | 10054 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.410 | 96 | 9493 | 3.293 | ng/ul | -0.01 |
| 6) 2-Methylnaphthalene-d10 | 12.330 | 152 | 4944 | 0.371 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.323 | 212 | 16140 | 0.469 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.448 | 88 | 190 | 0.059 | ng/ul# | 9 |
| 5) Naphthalene | 10.796 | 128 | 1910 | 0.064 | ng/ul# | 72 |
| 8) 1-Methylnaphthalene | 12.622 | 142 | 1293 | 0.068 | ng/ul | 98 |
| 10) Acenaphthylene | 14.292 | 152 | 7674 | 0.242 | ng/ul# | 93 |
| 11) Acenaphthene | 14.633 | 153 | 409396 | 15.731 | ng/ul | 97 |
| 12) Fluorene | 15.615 | 166 | 357893 | 12.188 | ng/ul | 97 |
| 15) Phenanthrene | 17.351 | 178 | 7430m | 0.138 | ng/ul | |
| 16) Anthracene | 17.438 | 178 | 33872 | 0.780 | ng/ul | 96 |
| 19) Fluoranthene | 19.353 | 202 | 22529 | 0.394 | ng/ul# | 94 |
| 20) Pyrene | 19.716 | 202 | 8170 | 0.144 | ng/ul# | 89 |

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

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