Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037894.D
Acq On : 08 Dec 2022 19:41
Operator : CG/JU
Sample : N5832-18 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 08 22:41:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBXL3

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.086 | 152 | 299248 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.910 | 136 | 1166431 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.715 | 164 | 601906 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.456 | 188 | 1109369 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.621 | 240 | 914218 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.109 | 264 | 1046721 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.428 | 96 | 3551 | 0.539 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.887 | 84 | 16643m | 0.851 | ng/ul | 0.02 |
| 7) Phenol-d5 | 7.239 | 99 | 56881 | 2.339 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.410 | 67 | 37653 | 2.543 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.610 | 132 | 48896 | 2.451 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.792 | 113 | 42550 | 2.242 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.257 | 128 | 22263 | 2.411 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.980 | 143 | 22976 | 2.374 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.522 | 165 | 39644 | 2.157 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.045 | 131 | 32890 | 1.296 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.121 | 166 | 106549 | 2.483 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.410 | 160 | 129552 | 2.470 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.915 | 143 | 8951m | 1.224 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.704 | 176 | 96466 | 2.523 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.815 | 200 | 7749m | 1.306 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.551 | 188 | 152192 | 2.939 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.833 | 212 | 159212 | 2.899 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.944 | 264 | 148064 | 2.832 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 30) Naphthalene | 10.957 | 128 | 80264 | 1.275 | ng/ul | 97 |
| 50) Acenaphthylene | 14.439 | 152 | 104239 | 1.808 | ng/ul | 99 |
| 72) Phenanthrene | 17.498 | 178 | 207036 | 3.417 | ng/ul | 99 |
| 74) Anthracene | 17.586 | 178 | 857379 | 13.926 | ng/ul | 100 |
| 80) Fluoranthene | 19.503 | 202 | 435351 | 6.717 | ng/ul | 97 |
| 82) Pyrene | 19.862 | 202 | 449937 | 6.670 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.603 | 228 | 289759 | 4.708 | ng/ul | 97 |
| 87) Chrysene | 21.662 | 228 | 376992 | 6.528 | ng/ul | 99 |
| 90) Benzo(b)fluoranthene | 23.344 | 252 | 902508 | 13.908 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.391 | 252 | 259465m | 4.126 | ng/ul | |
| 93) Benzo(a)pyrene | 23.997 | 252 | 390600 | 6.845 | ng/ul | 95 |
| 94) Indeno(1,2,3-cd)pyrene | 26.697 | 276 | 361799 | 4.923 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.709 | 278 | 91053 | 1.470 | ng/ul# | 92 |
| 96) Benzo(g,h,i)perylene | 27.503 | 276 | 286618 | 4.885 | ng/ul | 94 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037894.D
Acq On : 08 Dec 2022 19:41
Operator : CG/JU
Sample : N5832-18 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 08 22:41:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBXL3

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022