Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
Data File : BM038535.D
Acq On : 25 Jan 2023 19:13
Operator : CG/JU
Sample : SSTD0.122
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.1036

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 01/27/2023
Supervised By :mohammad ahmed 01/30/2023

Quant Time: Jan 27 00:04:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 26 10:02:26 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.971 | 152 | 1681 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.775 | 136 | 5833 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.602 | 164 | 3577 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.342 | 188 | 8055 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.517 | 240 | 7708 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.931 | 264 | 8075 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/ul | |
| 6) 2-Methylnaphthalene-d10 | 12.364 | 152 | 915 | 0.101 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.367 | 212 | 2408 | 0.109 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.825 | 128 | 2517m | 0.138 | ng/ul | |
| 7) 2-Methylnaphthalene | 12.436 | 142 | 1047 | 0.105 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.656 | 142 | 1110 | 0.107 | ng/ul | 99 |
| 10) Acenaphthylene | 14.324 | 152 | 1609 | 0.102 | ng/ul# | 92 |
| 11) Acenaphthene | 14.662 | 153 | 1251 | 0.104 | ng/ul | 98 |
| 12) Fluorene | 15.648 | 166 | 1731 | 0.115 | ng/ul | 99 |
| 15) Phenanthrene | 17.384 | 178 | 3299 | 0.127 | ng/ul# | 93 |
| 16) Anthracene | 17.477 | 178 | 2449 | 0.110 | ng/ul# | 93 |
| 19) Fluoranthene | 19.395 | 202 | 3124 | 0.114 | ng/ul# | 91 |
| 20) Pyrene | 19.758 | 202 | 3443 | 0.116 | ng/ul# | 92 |
| 21) Benzo(a)anthracene | 21.502 | 228 | 3031 | 0.111 | ng/ul | 95 |
| 22) Chrysene | 21.557 | 228 | 3000 | 0.109 | ng/ul | 94 |
| 24) Benzo(b)fluoranthene | 23.194 | 252 | 3266 | 0.107 | ng/ul# | 67 |
| 25) Benzo(k)fluoranthene | 23.241 | 252 | 3170 | 0.107 | ng/ul# | 69 |
| 26) Benzo(a)pyrene | 23.826 | 252 | 2838 | 0.104 | ng/ul# | 60 |
| 27) Indeno(1,2,3-cd)pyrene | 26.443 | 276 | 4087 | 0.106 | ng/ul# | 98 |
| 28) Dibenzo(a,h)anthracene | 26.463 | 278 | 3219 | 0.105 | ng/ul# | 70 |
| 29) Benzo(g,h,i)perylene | 27.221 | 276 | 3536 | 0.106 | ng/ul# | 90 |

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

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