Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033171.D
Acq On : 19 Nov 2021 12:04
Operator : CG/JU
Sample : SSTD0.156
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.1008

Quant Time: Nov 19 15:05:12 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 14:17:00 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| Internal Standards | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.967 | 152 | 2465 | 0.400 ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.764 | 136 | 6413 | 0.400 ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.583 | 164 | 3562 | 0.400 ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.319 | 188 | 7397 | 0.400 ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.472 | 240 | 5846 | 0.400 ng/ul | 0.00 |
| 23) Perylene-d12 | 23.812 | 264 | 4947 | 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 | 12.342 | 152 | 916 | 0.101 ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.333 | 212 | 1787 | 0.101 ng/ul | 0.00 |
| Target Compounds | | | | | Qvalue |
| 5) Naphthalene | 10.813 | 128 | 2112 | 0.113 ng/ul# | 93 |
| 7) 2-Methylnaphthalene | 12.414 | 142 | 1319 | 0.102 ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.635 | 142 | 1293 | 0.102 ng/ul | 100 |
| 10) Acenaphthylene | 14.306 | 152 | 1708 | 0.110 ng/ul# | 92 |
| 11) Acenaphthene | 14.647 | 153 | 1422 | 0.105 ng/ul | 97 |
| 12) Fluorene | 15.629 | 166 | 1561 | 0.098 ng/ul# | 98 |
| 15) Phenanthrene | 17.361 | 178 | 3553 | 0.145 ng/ul | 97 |
| 16) Anthracene | 17.451 | 178 | 2313 | 0.107 ng/ul# | 87 |
| 19) Fluoranthene | 19.364 | 202 | 3661 | 0.134 ng/ul | 96 |
| 20) Pyrene | 19.722 | 202 | 3610 | 0.127 ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.457 | 228 | 2398 | 0.111 ng/ul | 97 |
| 22) Chrysene | 21.508 | 228 | 2795 | 0.115 ng/ul | 97 |
| 24) Benzo(b)fluoranthene | 23.102 | 252 | 2556 | 0.113 ng/ul# | 49 |
| 25) Benzo(k)fluoranthene | 23.150 | 252 | 2430 | 0.100 ng/ul# | 55 |
| 26) Benzo(a)pyrene | 23.712 | 252 | 2002 | 0.107 ng/ul# | 42 |
| 27) Indeno(1,2,3-cd)pyrene | 26.208 | 276 | 2438 | 0.113 ng/ul# | 78 |
| 28) Dibenzo(a,h)anthracene | 26.222 | 278 | 1987 | 0.117 ng/ul# | 70 |
| 29) Benzo(g,h,i)perylene | 26.944 | 276 | 2298 | 0.123 ng/ul# | 84 |

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

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