Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
Data File : BM030927.D
Acq On : 13 Jul 2021 12:51
Operator : CG/JU
Sample : SSTD1.605
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD1.6005

Quant Time: Jul 13 13:27:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 12:12:03 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.673 | 152 | 753 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.442 | 136 | 2533 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.299 | 164 | 1629 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.047 | 188 | 3495 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.236 | 240 | 3071 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.430 | 264 | 2938 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.241 | 96 | 1304 | 1.589 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.034 | 152 | 7340 | 1.844 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.077 | 212 | 17143 | 1.947 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.272 | 88 | 1441 | 1.700 | ng/ul# | 82 |
| 5) Naphthalene | 10.491 | 128 | 12250 | 1.697 | ng/ul | 96 |
| 7) 2-Methylnaphthalene | 12.106 | 142 | 8892 | 1.830 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.326 | 142 | 8651 | 1.830 | ng/ul | 100 |
| 10) Acenaphthylene | 14.019 | 152 | 12848 | 1.767 | ng/ul | 96 |
| 11) Acenaphthene | 14.364 | 153 | 9578 | 1.625 | ng/ul | 99 |
| 12) Fluorene | 15.353 | 166 | 11381 | 1.751 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.697 | 266 | 2140 | 1.876 | ng/ul | 99 |
| 15) Phenanthrene | 17.089 | 178 | 18129 | 1.543 | ng/ul | 97 |
| 16) Anthracene | 17.179 | 178 | 17473 | 1.698 | ng/ul | 97 |
| 19) Fluoranthene | 19.107 | 202 | 22334 | 1.648 | ng/ul | 97 |
| 20) Pyrene | 19.470 | 202 | 22458 | 1.648 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.222 | 228 | 22074 | 1.803 | ng/ul | 99 |
| 22) Chrysene | 21.272 | 228 | 22718 | 1.657 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.776 | 252 | 23916 | 1.838 | ng/ul | 88 |
| 25) Benzo(k)fluoranthene | 22.820 | 252 | 24636 | 1.836 | ng/ul# | 88 |
| 26) Benzo(a)pyrene | 23.336 | 252 | 20774 | 1.877 | ng/ul# | 86 |
| 27) Indeno(1,2,3-cd)pyrene | 25.618 | 276 | 28683 | 1.989 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 25.635 | 278 | 23369 | 2.020 | ng/ul# | 90 |
| 29) Benzo(g,h,i)perylene | 26.284 | 276 | 24284 | 1.938 | ng/ul | 96 |

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

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