Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019027.D
Acq On : 21 Mar 2022 17:54
Operator : CG/JU
Sample : N2007-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SP1

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Quant Time: Mar 22 02:31:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.854 | 152 | 7181 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.658 | 136 | 19658 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.495 | 164 | 11564 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.226 | 188 | 21094 | 0.400 | ng | -0.01 |
| 29) Chrysene-d12 | 21.413 | 240 | 13743 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.782 | 264 | 12933 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.406 | 112 | 776 | 0.048 | ng | 0.00 |
| 5) Phenol-d6 | 7.024 | 99 | 595 | 0.035 | ng | 0.01 |
| 8) Nitrobenzene-d5 | 9.025 | 82 | 447 | 0.032 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.253 | 152 | 1357 | 0.042 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.985 | 330 | 204 | 0.037 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.127 | 172 | 2042 | 0.044 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.261 | 212 | 2343 | 0.037 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.860 | 244 | 1754 | 0.052 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 9) Naphthalene | 10.712 | 128 | 3126 | 0.056 | ng | # 94 |
| 12) 2-Methylnaphthalene | 12.325 | 142 | 2421 | 0.064 | ng | 94 |
| 16) Acenaphthylene | 14.207 | 152 | 5371 | 0.100 | ng | 99 |
| 17) Acenaphthene | 14.549 | 154 | 9001 | 0.239 | ng | 99 |
| 18) Fluorene | 15.532 | 166 | 11180 | 0.236 | ng | 98 |
| 25) Phenanthrene | 17.267 | 178 | 191762 | 2.907 | ng | 100 |
| 26) Anthracene | 17.359 | 178 | 30095 | 0.540 | ng | 97 |
| 28) Fluoranthene | 19.291 | 202 | 270276 | 3.492 | ng | 99 |
| 30) Pyrene | 19.653 | 202 | 228842 | 3.343 | ng | 97 |
| 32) Benzo(a)anthracene | 21.396 | 228 | 79739 | 1.883 | ng | 98 |
| 33) Chrysene | 21.449 | 228 | 84879 | 1.486 | ng | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.333 | 149 | 9832 | 0.350 | ng | # 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.232 | 276 | 37079 | 0.795 | ng | # 88 |
| 37) Benzo(b)fluoranthene | 23.065 | 252 | 90676 | 1.922 | ng | 96 |
| 38) Benzo(k)fluoranthene | 23.106 | 252 | 33955m | 0.525 | ng | |
| 39) Benzo(a)pyrene | 23.679 | 252 | 57163m | 1.332 | ng | |
| 40) Dibenzo(a,h)anthracene | 26.241 | 278 | 7472 | 0.206 | ng | # 79 |
| 41) Benzo(g,h,i)perylene | 26.983 | 276 | 44796 | 0.978 | ng | 99 |

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

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