Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016229.D
Acq On : 05 Sep 2021 15:49
Operator : CG/JU
Sample : M3561-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** VE4-11

Quant Time: Sep 06 06:23:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.873 | 152 | 14128 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.660 | 136 | 72606 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.497 | 164 | 57216 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.249 | 188 | 100757 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.450 | 240 | 104882 | 0.400 | ng | # 0.02 |
| 35) Perylene-d12 | 23.854 | 264 | 77944 | 0.400 | ng | # 0.03 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.457 | 112 | 5192 | 0.130 | ng | 0.00 |
| 5) Phenol-d6 | 7.043 | 99 | 3853 | 0.076 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.025 | 82 | 21422 | 0.368 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.252 | 152 | 40318 | 0.349 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.994 | 330 | 7989 | 0.313 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.114 | 172 | 57015 | 0.264 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.296 | 212 | 87463 | 0.289 | ng | 0.01 |
| 31) Terphenyl-d14 | 19.892 | 244 | 78623 | 0.297 | ng | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 9) Naphthalene | 10.711 | 128 | 6633 | 0.035 | ng | # 35 |
| 12) 2-Methylnaphthalene | 12.323 | 142 | 6320 | 0.049 | ng | # 24 |
| 16) Acenaphthylene | 14.218 | 152 | 21685 | 0.084 | ng | # 1 |
| 17) Acenaphthene | 14.561 | 154 | 3809 | 0.023 | ng | # 51 |
| 25) Phenanthrene | 17.285 | 178 | 18003 | 0.064 | ng | # 1 |
| 26) Anthracene | 17.383 | 178 | 125294 | 0.466 | ng | # 84 |
| 28) Fluoranthene | 19.326 | 202 | 22212 | 0.066 | ng | # 85 |
| 30) Pyrene | 19.693 | 202 | 61990 | 0.181 | ng | # 86 |
| 32) Benzo(a)anthracene | 21.440 | 228 | 15543 | 0.044 | ng | # 1 |
| 33) Chrysene | 21.493 | 228 | 25326 | 0.074 | ng | # 1 |
| 34) Bis(2-ethylhexyl)phtha... | 21.355 | 149 | 42526 | 0.179 | ng | # 92 |
| 36) Indeno(1,2,3-cd)pyrene | 26.336 | 276 | 7574 | 0.035 | ng | 91 |
| 37) Benzo(b)fluoranthene | 23.122 | 252 | 13873 | 0.052 | ng | # 1 |
| 38) Benzo(k)fluoranthene | 23.170 | 252 | 13734 | 0.056 | ng | # 1 |
| 39) Benzo(a)pyrene | 23.748 | 252 | 11337 | 0.048 | ng | # 1 |
| 40) Dibenzo(a,h)anthracene | 26.349 | 278 | 6248 | 0.035 | ng | # 1 |
| 41) Benzo(g,h,i)perylene | 27.096 | 276 | 5684 | 0.031 | ng | # 1 |

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

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