Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100622\
Data File : BN022017.D
Acq On : 06 Oct 2022 12:12
Operator : CG/JU
Sample : N4785-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PT-BN-WP

Quant Time: Oct 07 00:39:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:32:21 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.978 | 152 | 4598 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.805 | 136 | 13325 | 0.400 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.653 | 164 | 6792 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.400 | 188 | 14647 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.618 | 240 | 11307 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.093 | 264 | 10043 | 0.400 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.508 | 112 | 1839836 | 172.734 | ng | | 0.00 |
| 5) Phenol-d6 | 7.141 | 99 | 2486356 | 179.903 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.161 | 82 | 1276053 | 119.109 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 0.000 | 152 | 0d | 0.000 | ng | | |
| 14) 2,4,6-Tribromophenol | 16.146 | 330 | 636618 | 245.758 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.274 | 172 | 2531088 | 85.291 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 0.000 | 212 | 0d | 0.000 | ng | | |
| 31) Terphenyl-d14 | 20.042 | 244 | 2004387 | 88.175 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 6) bis(2-Chloroethyl)ether | 7.401 | 93 | 2050832 | 140.421 | ng | | 97 |
| 9) Naphthalene | 10.859 | 128 | 4801618 | 119.329 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.147 | 225 | 1546 | 0.222 | ng | # | 99 |
| 16) Acenaphthylene | 14.375 | 152 | 3949249 | 122.205 | ng | | 98 |
| 17) Acenaphthene | 14.707 | 154 | 1055172 | 46.442 | ng | | 95 |
| 18) Fluorene | 15.701 | 166 | 1001272 | 36.550 | ng | | 98 |
| 21) 4-Bromophenyl-phenylether | 16.593 | 248 | 593097 | 66.470 | ng | # | 87 |
| 22) Hexachlorobenzene | 16.705 | 284 | 553691 | 49.896 | ng | | 98 |
| 25) Phenanthrene | 17.449 | 178 | 2795095 | 55.515 | ng | | 99 |
| 26) Anthracene | 17.549 | 178 | 4979268 | 123.178 | ng | | 97 |
| 28) Fluoranthene | 19.470 | 202 | 2184538 | 40.495 | ng | | 98 |
| 30) Pyrene | 19.833 | 202 | 94283 | 1.899 | ng | # | 95 |
| 32) Benzo(a)anthracene | 21.600 | 228 | 3765836 | 88.571 | ng | | 98 |
| 33) Chrysene | 21.654 | 228 | 4387068 | 92.977 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.510 | 149 | 4080457 | 200.016 | ng | | 95 |
| 36) Indeno(1,2,3-cd)pyrene | 26.730 | 276 | 4677222 | 92.171 | ng | | 96 |
| 38) Benzo(k)fluoranthene | 23.397 | 252 | 5262592 | 111.042 | ng | # | 91 |
| 39) Benzo(a)pyrene | 23.994 | 252 | 3962895 | 109.137 | ng | # | 85 |
| 40) Dibenzo(a,h)anthracene | 26.745 | 278 | 1423017 | 35.163 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 27.508 | 276 | 1250648 | 28.626 | ng | | 97 |

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

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