Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
Data File : BE101042.D
Acq On : 13 Jan 2020 17:36
Operator : JU
Sample : L1055-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** OUTFALL001-200107

Quant Time: Jan 14 09:54:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 3173 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.51 | 136 | 13152 | 0.40 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.36 | 164 | 8672 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.09 | 188 | 20171 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.27 | 240 | 17036 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.69 | 264 | 17901 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.34 | 112 | 1493 | 0.21 | ng | | 0.00 |
| 5) Phenol-d6 | 6.92 | 99 | 1238 | 0.14 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 82 | 2639 | 0.28 | ng | | 0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.11 | 152 | 8629 | 0.34 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.85 | 330 | 652 | 0.27 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.99 | 172 | 15599 | 0.47 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.12 | 212 | 102089 | 0.36 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.73 | 244 | 22490 | 0.54 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 6) bis(2-Chloroethyl)ether | 7.18 | 93 | 64 | 0.006 | ng | # | 1 |
| 9) Naphthalene | 10.55 | 128 | 550 | 0.004 | ng | # | 65 |
| 10) Hexachlorobutadiene | 10.80 | 225 | 2 | 0.000 | ng | # | 18 |
| 12) 2-Methylnaphthalene | 12.21 | 142 | 45 | 0.002 | ng | # | 57 |
| 16) Acenaphthylene | 14.08 | 152 | 58 | 0.002 | ng | # | 70 |
| 17) Acenaphthene | 14.43 | 154 | 41 | 0.002 | ng | # | 75 |
| 18) Fluorene | 15.41 | 166 | 52 | 0.002 | ng | # | 55 |
| 20) 4-Bromophenyl-phenylether | 16.30 | 248 | 9 | 0.001 | ng | # | 64 |
| 21) Hexachlorobenzene | 16.40 | 284 | 17 | 0.002 | ng | # | 18 |
| 23) Phenanthrene | 17.13 | 178 | 349 | 0.006 | ng | | 96 |
| 24) Anthracene | 17.13 | 178 | 349 | 0.007 | ng | | 98 |
| 26) Fluoranthene | 19.15 | 202 | 121 | 0.002 | ng | # | 70 |
| 28) Pyrene | 19.52 | 202 | 135 | 0.002 | ng | # | 67 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 81 | 0.002 | ng | # | 12 |
| 31) Chrysene | 21.26 | 228 | 81 | 0.001 | ng | # | 16 |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 9037 | 0.112 | ng | # | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 26.23 | 276 | 13 | 0.000 | ng | # | 63 |
| 35) Benzo(b)fluoranthene | 22.95 | 252 | 39 | 0.001 | ng | # | 1 |
| 36) Benzo(k)fluoranthene | 23.00 | 252 | 195 | 0.003 | ng | # | 1 |
| 37) Benzo(a)pyrene | 23.59 | 252 | 6 | 0.000 | ng | # | 1 |
| 38) Dibenzo(a,h)anthracene | 26.27 | 278 | 5 | 0.000 | ng | # | 1 |
| 39) Benzo(g,h,i)perylene | 27.01 | 276 | 6 | 0.000 | ng | # | 1 |

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

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