Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033499.D
Acq On : 20 Aug 2024 10:58
Operator : MA/JU
Sample : P3650-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RW7-SP303-20240814

Quant Time: Aug 20 11:38:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.552 | 152 | 8308 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.314 | 136 | 21989 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.189 | 164 | 10862 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.942 | 188 | 22983 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.148 | 240 | 13365 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.317 | 264 | 12335 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.183 | 112 | 2411 | 0.091 | ng | 0.00 |
| 5) Phenol-d6 | 6.736 | 99 | 1748 | 0.056 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.691 | 82 | 5071 | 0.278 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.911 | 152 | 8954 | 0.285 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.688 | 330 | 1259 | 0.216 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.809 | 172 | 13483 | 0.304 | ng | 0.00 |
| 27) Fluoranthene-d10 | 18.979 | 212 | 18508 | 0.335 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.593 | 244 | 13457 | 0.443 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.190 | 88 | 459 | 0.048 | ng | # 1 |
| 32) Benzo(a)anthracene | 21.130 | 228 | 1365 | 0.028 | ng | # 89 |
| 33) Chrysene | 21.184 | 228 | 1668 | 0.035 | ng | # 92 |
| 34) Bis(2-ethylhexyl)phtha... | 21.094 | 149 | 3000 | 0.098 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.478 | 276 | 1742 | 0.034 | ng | 99 |
| 37) Benzo(b)fluoranthene | 22.674 | 252 | 1663 | 0.036 | ng | # 25 |
| 38) Benzo(k)fluoranthene | 22.715 | 252 | 1608 | 0.035 | ng | # 26 |
| 39) Benzo(a)pyrene | 23.224 | 252 | 1172 | 0.031 | ng | # 1 |
| 40) Dibenzo(a,h)anthracene | 25.490 | 278 | 1364 | 0.033 | ng | # 47 |
| 41) Benzo(g,h,i)perylene | 26.127 | 276 | 1450 | 0.033 | ng | # 66 |

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

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