Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111424\
Data File : BN035085.D
Acq On : 14 Nov 2024 12:31
Operator : RC/JU
Sample : P4495-11DL 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PT-BNA-SOILDL

Quant Time: Nov 14 13:00:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 17:18:14 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.546 | 152 | 2888 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.308 | 136 | 7927 | 0.400 | ng | #-0.01 |
| 13) Acenaphthene-d10 | 14.186 | 164 | 6166 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.939 | 188 | 15077 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.140 | 240 | 16134 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.304 | 264 | 16703 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.170 | 112 | 9575 | 1.306 | ng | 0.00 |
| 5) Phenol-d6 | 6.730 | 99 | 12931 | 1.407 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.685 | 82 | 7300 | 1.058 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.897 | 152 | 7 | 0.000 | ng | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.686 | 330 | 6077 | 1.366 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.807 | 172 | 24796 | 0.990 | ng | 0.00 |
| 27) Fluoranthene-d10 | 18.976 | 212 | 45 | 0.001 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.584 | 244 | 46960 | 1.387 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 6) bis(2-Chloroethyl)ether | 6.983 | 93 | 23207 | 3.363 | ng | 98 |
| 12) 2-Methylnaphthalene | 11.984 | 142 | 28229 | 1.849 | ng | 98 |
| 16) Acenaphthylene | 13.898 | 152 | 37913 | 1.439 | ng | 100 |
| 17) Acenaphthene | 14.250 | 154 | 23052 | 1.335 | ng | 100 |
| 18) Fluorene | 15.245 | 166 | 49655 | 1.955 | ng | 100 |
| 21) 4-Bromophenyl-phenylether | 16.133 | 248 | 18714 | 1.948 | ng | # 71 |
| 22) Hexachlorobenzene | 16.244 | 284 | 14251 | 1.430 | ng | 98 |
| 24) Pentachlorophenol | 16.592 | 266 | 7874 | 1.691 | ng | 98 |
| 25) Phenanthrene | 16.977 | 178 | 45097 | 1.137 | ng | 99 |
| 26) Anthracene | 17.064 | 178 | 52044 | 1.428 | ng | 100 |
| 28) Fluoranthene | 19.004 | 202 | 45809 | 0.840 | ng | 100 |
| 32) Benzo(a)anthracene | 21.122 | 228 | 66841 | 1.190 | ng | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.077 | 149 | 26743 | 0.907 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.450 | 276 | 40491 | 0.608 | ng | 96 |

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

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