Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
Data File : BN028523.D
Acq On : 09 Nov 2023 17:56
Operator : MA/JU
Sample : PB156740BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS740

Quant Time: Nov 09 23:44:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:30:32 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.707 | 152 | 7496 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.496 | 136 | 23024 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.354 | 164 | 13514 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.103 | 188 | 30531 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.321 | 240 | 24681 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.624 | 264 | 23243 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.155 | 96 | 8090 | 0.977 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.091 | 152 | 16894 | 0.487 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.146 | 212 | 40143 | 0.505 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.189 | 88 | 19793 | 2.161 | ng/ul# | 80 |
| 5) Naphthalene | 10.546 | 128 | 30789 | 0.477 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.168 | 142 | 19597 | 0.461 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.388 | 142 | 20241 | 0.469 | ng/ul | 99 |
| 10) Acenaphthylene | 14.072 | 152 | 29874 | 0.443 | ng/ul | 99 |
| 11) Acenaphthene | 14.419 | 153 | 23245 | 0.468 | ng/ul | 99 |
| 12) Fluorene | 15.404 | 166 | 26734 | 0.463 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.753 | 266 | 5201 | 0.710 | ng/ul | 99 |
| 15) Phenanthrene | 17.145 | 178 | 44138 | 0.471 | ng/ul | 100 |
| 16) Anthracene | 17.238 | 178 | 39105 | 0.455 | ng/ul | 100 |
| 19) Fluoranthene | 19.174 | 202 | 51514 | 0.491 | ng/ul | 98 |
| 20) Pyrene | 19.536 | 202 | 52878 | 0.486 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.303 | 228 | 45902 | 0.470 | ng/ul | 99 |
| 22) Chrysene | 21.356 | 228 | 47099 | 0.494 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.925 | 252 | 45373 | 0.520 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 22.972 | 252 | 45713 | 0.500 | ng/ul | 99 |
| 26) Benzo(a)pyrene | 23.525 | 252 | 37994 | 0.461 | ng/ul | 100 |
| 27) Indeno(1,2,3-cd)pyrene | 25.990 | 276 | 44398 | 0.486 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.017 | 278 | 35233 | 0.482 | ng/ul | 99 |
| 29) Benzo(g,h,i)perylene | 26.714 | 276 | 36721 | 0.490 | ng/ul | 99 |

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

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