Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035013.D
Acq On : 11 Nov 2024 20:02
Operator : RC/JU
Sample : P4636-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
CC0P4

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 11 22:04:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.562 | 152 | 2914 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.328 | 136 | 7635 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.199 | 164 | 5369 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.945 | 188 | 11943 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.142 | 240 | 11581 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.308 | 264 | 12033m | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.149 | 96 | 8430 | 3.040 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.923 | 152 | 2599 | 0.222 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 18.977 | 212 | 7480 | 0.252 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 14) Pentachlorophenol | 16.603 | 266 | 71 | 0.026 | ng/ul# | 84 |
| 15) Phenanthrene | 16.987 | 178 | 3151 | 0.099 | ng/ul | 95 |
| 16) Anthracene | 17.080 | 178 | 1014 | 0.034 | ng/ul# | 80 |
| 19) Fluoranthene | 19.009 | 202 | 3130 | 0.081 | ng/ul# | 89 |
| 20) Pyrene | 19.372 | 202 | 2317 | 0.058 | ng/ul# | 82 |
| 21) Benzo(a)anthracene | 21.125 | 228 | 871 | 0.021 | ng/ul# | 68 |
| 22) Chrysene | 21.177 | 228 | 1531m | 0.036 | ng/ul | |
| 24) Benzo(b)fluoranthene | 22.665 | 252 | 1103m | 0.026 | ng/ul | |
| 29) Benzo(g,h,i)perylene | 26.110 | 276 | 785m | 0.022 | ng/ul | |

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

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