Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049107.D
Acq On : 20 Dec 2024 19:13
Operator : RC/JU
Sample : P5265-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 20 22:10:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
E28Y7DL

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.560 | 152 | 7744 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.321 | 136 | 22912 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.197 | 164 | 13076 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.943 | 188 | 26517 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.146 | 240 | 22815 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.303 | 264 | 25151 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.151 | 96 | 4838 | 0.542 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.926 | 152 | 1115 | 0.036 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.979 | 212 | 2186 | 0.034 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 11) Acenaphthene | 14.257 | 153 | 1115 | 0.028 | ng/ul | 94 |
| 12) Fluorene | 15.252 | 166 | 897 | 0.020 | ng/ul# | 91 |
| 15) Phenanthrene | 16.985 | 178 | 14943 | 0.216 | ng/ul | 99 |
| 16) Anthracene | 17.078 | 178 | 3162 | 0.050 | ng/ul# | 90 |
| 19) Fluoranthene | 19.011 | 202 | 28801 | 0.349 | ng/ul | 100 |
| 20) Pyrene | 19.374 | 202 | 21315 | 0.242 | ng/ul | 100 |
| 21) Benzo(a)anthracene | 21.128 | 228 | 12220 | 0.154 | ng/ul | 97 |
| 22) Chrysene | 21.181 | 228 | 13017 | 0.153 | ng/ul | 95 |
| 24) Benzo(b)fluoranthene | 22.665 | 252 | 16193m | 0.202 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.703 | 252 | 7083m | 0.080 | ng/ul | |
| 26) Benzo(a)pyrene | 23.209 | 252 | 6737 | 0.087 | ng/ul# | 63 |
| 27) Indeno(1,2,3-cd)pyrene | 25.443 | 276 | 6320 | 0.058 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 25.457 | 278 | 1957 | 0.023 | ng/ul# | 11 |

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

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