Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038158.D
Acq On : 21 Dec 2022 06:07
Operator : CG/JU
Sample : N6008-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 21 06:52:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBYB5

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/21/2022
Supervised By :mohammad ahmed 12/21/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.040 | 152 | 179533 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.857 | 136 | 773288 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.669 | 164 | 480918 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.410 | 188 | 1030480 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.574 | 240 | 843429 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.021 | 264 | 780578 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.393 | 96 | 18893 | 4.778 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.828 | 84 | 253230 | 21.589 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.198 | 99 | 389083 | 26.670 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.369 | 67 | 225953 | 25.435 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.569 | 132 | 348788 | 29.144 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.751 | 113 | 293579 | 25.780 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.210 | 128 | 179050 | 29.244 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.939 | 143 | 211944 | 33.033 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.475 | 165 | 384250 | 31.530 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.998 | 131 | 440536 | 26.187 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.080 | 166 | 1138487 | 33.205 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.369 | 160 | 1334855 | 31.855 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.869 | 143 | 176091 | 30.136 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.657 | 176 | 1007782 | 32.992 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.774 | 200 | 144640 | 26.253 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.504 | 188 | 1568950 | 32.623 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.792 | 212 | 1770520 | 34.946 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.868 | 264 | 1278866 | 32.801 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.451 | 178 | 69583 | 1.236 | ng/ul | 97 |
| 80) Fluoranthene | 19.456 | 202 | 192913 | 3.226 | ng/ul | 97 |
| 82) Pyrene | 19.815 | 202 | 184586 | 2.966 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.556 | 228 | 105741 | 1.862 | ng/ul | 98 |
| 87) Chrysene | 21.609 | 228 | 100565 | 1.888 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.274 | 252 | 154004 | 3.182 | ng/ul | 96 |
| 91) Benzo(k)fluoranthene | 23.315 | 252 | 52065m | 1.110 | ng/ul | |
| 93) Benzo(a)pyrene | 23.915 | 252 | 93063 | 2.187 | ng/ul | 94 |
| 94) Indeno(1,2,3-cd)pyrene | 26.574 | 276 | 69134 | 1.261 | ng/ul | 96 |
| 96) Benzo(g,h,i)perylene | 27.374 | 276 | 66872 | 1.528 | ng/ul | 97 |

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

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