Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047715.D
Acq On : 30 Sep 2024 13:18
Operator : RC/JU
Sample : P4018-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 30 14:01:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DDC99

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.810 | 152 | 254745 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.604 | 136 | 1047011 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.445 | 164 | 657737 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.180 | 188 | 1358924 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.410 | 240 | 1242986 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.415 | 264 | 1434559 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.264 | 96 | 9364 | 1.188 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 6.975 | 99 | 178959 | 7.429 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.140 | 67 | 110353 | 6.456 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.346 | 132 | 146880 | 8.381 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.516 | 113 | 96777 | 5.404 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.963 | 128 | 68851m | 8.259 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.687 | 143 | 72555 | 9.082 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.228 | 165 | 143249 | 8.976 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.740 | 131 | 123814 | 5.018 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.851 | 166 | 473508 | 9.930 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.139 | 160 | 531423 | 9.399 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.634 | 143 | 50524 | 5.321 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.434 | 176 | 428068 | 10.364 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 200 | 42898 | 5.394 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.280 | 188 | 662184 | 9.910 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.569 | 212 | 654775 | 9.282 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.204 | 264 | 457508 | 6.147 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 16) Acetophenone | 8.628 | 105 | 126561 | 4.130 | ng/ul# | 89 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.069 | 232 | 35697 | 3.343 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.839 | 266 | 1496485 | 144.373 | ng/ul | 99 |
| 72) Phenanthrene | 17.222 | 178 | 1417642 | 17.789 | ng/ul | 99 |
| 74) Anthracene | 17.316 | 178 | 260627 | 3.206 | ng/ul | 99 |
| 77) Carbazole | 17.580 | 167 | 189759 | 2.576 | ng/ul | 99 |
| 80) Fluoranthene | 19.233 | 202 | 3861813 | 46.480 | ng/ul | 99 |
| 82) Pyrene | 19.598 | 202 | 2212825 | 23.929 | ng/ul | 95 |
| 85) Benzo(a)anthracene | 21.392 | 228 | 1511662 | 17.369 | ng/ul | 98 |
| 87) Chrysene | 21.451 | 228 | 1568237 | 18.484 | ng/ul | 96 |
| 90) Benzo(b)fluoranthene | 23.462 | 252 | 1732535 | 19.366 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.521 | 252 | 503199 | 5.501 | ng/ul | 97 |
| 93) Benzo(a)pyrene | 24.268 | 252 | 463516 | 5.455 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 27.797 | 276 | 413529 | 3.798 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 27.833 | 278 | 189087 | 2.119 | ng/ul# | 93 |

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

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