Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020847.D
Acq On : 09 Jul 2024 01:53
Operator : MA/JU
Sample : P3035-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4CX1

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 02:58:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.722 | 152 | 196008 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.499 | 136 | 807030 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.357 | 164 | 526308 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.169 | 188 | 1123269 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.616 | 240 | 1043997 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.963 | 264 | 1207630 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.264 | 96 | 14204 | 3.112 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 15299 | 1.150 | ng/ul | 0.01 |
| 7) Phenol-d5 | 6.916 | 99 | 342474 | 21.303 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.069 | 67 | 203533 | 19.970 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.263 | 132 | 284858 | 21.681 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.428 | 113 | 268038 | 20.529 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.875 | 128 | 137628 | 23.099 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.593 | 143 | 158737 | 26.622 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.128 | 165 | 287898 | 23.440 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.646 | 131 | 212238 | 12.330 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.757 | 166 | 886891 | 24.236 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.045 | 160 | 1008060 | 23.086 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.604 | 143 | 130196 | 23.286 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.369 | 176 | 778847 | 25.293 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 200 | 117321 | 20.726 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.275 | 188 | 1211072 | 24.023 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.657 | 212 | 1333527 | 21.262 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.727 | 264 | 1046112 | 17.808 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.216 | 178 | 167721 | 2.851 | ng/ul | 98 |
| 80) Fluoranthene | 19.310 | 202 | 443922 | 5.794 | ng/ul | 99 |
| 82) Pyrene | 19.692 | 202 | 324504 | 4.130 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.598 | 228 | 185986 | 2.542 | ng/ul | 96 |
| 87) Chrysene | 21.669 | 228 | 232012 | 3.354 | ng/ul | 99 |
| 90) Benzo(b)fluoranthene | 23.892 | 252 | 325069 | 4.443 | ng/ul | 97 |
| 91) Benzo(k)fluoranthene | 23.963 | 252 | 93522m | 1.264 | ng/ul | |
| 93) Benzo(a)pyrene | 24.798 | 252 | 113589 | 1.645 | ng/ul | 95 |
| 94) Indeno(1,2,3-cd)pyrene | 28.739 | 276 | 120206m | 1.357 | ng/ul | |

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

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