Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023465.D
Acq On : 17 Dec 2024 14:11
Operator : RC/JU
Sample : P5258-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E28X3

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 17 23:21:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.499 | 152 | 320996 | 20.000 | ng/ul | -0.04 |
| 20) Naphthalene-d8 | 10.252 | 136 | 1222498 | 20.000 | ng/ul | #-0.03 |
| 38) Acenaphthene-d10 | 14.134 | 164 | 832980 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 16.957 | 188 | 1573568 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.392 | 240 | 1225117 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 24.568 | 264 | 1455759 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.081 | 96 | 28736 | 3.296 | ng/uL | -0.02 |
| 4) Pyridine-d5 | 3.505 | 84 | 78836 | 3.516 | ng/ul | -0.01 |
| 7) Phenol-d5 | 6.711 | 99 | 524601 | 20.829 | ng/ul | -0.04 |
| 9) Bis-(2-Chloroethyl)eth... | 6.852 | 67 | 362115 | 22.789 | ng/ul | -0.04 |
| 11) 2-Chlorophenol-d4 | 7.046 | 132 | 396593 | 21.335 | ng/ul | -0.04 |
| 15) 4-Methylphenol-d8 | 8.222 | 113 | 336935 | 16.575 | ng/ul | -0.04 |
| 21) Nitrobenzene-d5 | 8.640 | 128 | 197427 | 21.627 | ng/ul | -0.05 |
| 24) 2-Nitrophenol-d4 | 9.352 | 143 | 228951 | 21.761 | ng/ul | -0.04 |
| 28) 2,4-Dichlorophenol-d3 | 9.910 | 165 | 423680 | 19.080 | ng/ul | -0.02 |
| 31) 4-Chloroaniline-d4 | 10.410 | 131 | 305944 | 12.299 | ng/ul | -0.03 |
| 46) Dimethylphthalate-d6 | 13.540 | 166 | 1355431 | 20.961 | ng/ul | -0.02 |
| 49) Acenaphthylene-d8 | 13.828 | 160 | 1316745 | 19.305 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.451 | 143 | 134232m | 16.940 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 15.157 | 176 | 968733 | 17.032 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.316 | 200 | 93348m | 9.816 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.051 | 188 | 1303232 | 18.147 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.451 | 212 | 1090595 | 17.039 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.345 | 264 | 737076 | 9.458 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 6.740 | 94 | 53688m | 2.048 | ng/ul | |
| 16) Acetophenone | 8.316 | 105 | 141372 | 4.132 | ng/ul | 95 |
| 72) Phenanthrene | 16.998 | 178 | 270751 | 3.328 | ng/ul | 98 |
| 80) Fluoranthene | 19.098 | 202 | 483231 | 6.589 | ng/ul# | 93 |
| 82) Pyrene | 19.475 | 202 | 335217 | 4.307 | ng/ul# | 89 |
| 85) Benzo(a)anthracene | 21.374 | 228 | 213908 | 2.604 | ng/ul | 97 |
| 87) Chrysene | 21.439 | 228 | 194380 | 2.469 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.574 | 252 | 291958 | 3.192 | ng/ul# | 93 |
| 93) Benzo(a)pyrene | 24.410 | 252 | 118293 | 1.426 | ng/ul# | 92 |

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

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