Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030549.D
Acq On : 23 Jun 2021 12:36
Operator : CG/JU
Sample : M2662-04DL2 20X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
BGDF4DL2

**Manual Integrations APPROVED**
mohammad
6/23/2021 4:49:20 PM

Quant Time: Jun 23 13:06:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.804 | 152 | 256886 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.592 | 136 | 1047410 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.433 | 164 | 626824 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.174 | 188 | 1143095 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.345 | 240 | 1055148 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.615 | 264 | 1153585 | 20.000 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.299 | 96 | 1034 | 0.163 | ng/uL | 0.02 |
| 4) Pyridine-d5 | 3.699 | 84 | 317 | 0.019 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.975 | 99 | 18935 | 0.855 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.140 | 67 | 12190 | 0.875 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.340 | 132 | 13361 | 0.781 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.510 | 113 | 16089 | 0.933 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.969 | 128 | 6850 | 0.876 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.687 | 143 | 7277 | 0.838 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.234 | 165 | 14272 | 0.858 | ng/ul | 0.01 |
| 31) 4-Chloroaniline-d4 | 10.745 | 131 | 17935 | 0.773 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.845 | 166 | 54829 | 1.267 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.127 | 160 | 61662 | 1.098 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.674 | 143 | 2628 | 0.321 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 15.427 | 176 | 49270 | 1.283 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.557 | 200 | 1837 | 0.246 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.268 | 188 | 72408 | 1.357 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.557 | 212 | 53603 | 0.970 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.468 | 264 | 45915 | 0.766 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 50) Acenaphthylene | 14.157 | 152 | 76078 | 1.460 | ng/ul | 100 |
| 52) Acenaphthene | 14.498 | 153 | 41343 | 1.093 | ng/ul | 99 |
| 56) Dibenzofuran | 14.833 | 168 | 65006 | 1.233 | ng/ul | 98 |
| 61) Fluorene | 15.480 | 166 | 93974 | 2.163 | ng/ul | 100 |
| 72) Phenanthrene | 17.215 | 178 | 1318564 | 21.480 | ng/ul | 100 |
| 74) Anthracene | 17.304 | 178 | 443010 | 7.058 | ng/ul | 99 |
| 80) Fluoranthene | 19.227 | 202 | 1906732 | 28.238 | ng/ul | 98 |
| 82) Pyrene | 19.586 | 202 | 654253 | 9.221 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.327 | 228 | 790167 | 12.067 | ng/ul | 98 |
| 87) Chrysene | 21.380 | 228 | 561661 | 8.799 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 22.933 | 252 | 687819 | 9.391 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.968 | 252 | 236783m | 3.364 | ng/ul | |
| 93) Benzo(a)pyrene | 23.509 | 252 | 119851 | 1.820 | ng/ul# | 91 |
| 94) Indeno(1,2,3-cd)pyrene | 25.903 | 276 | 118125 | 1.425 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 25.915 | 278 | 80881 | 1.177 | ng/ul# | 89 |

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

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