Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029927.D
Acq On : 11 May 2021 05:12
Operator : CG/JU
Sample : M2177-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BG514

**Manual Integrations APPROVED**
mohammad
5/11/2021 2:33:39 PM

Quant Time: May 11 05:50:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 05:09:24 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.55 | 152 | 165304 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.32 | 136 | 719008 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.20 | 164 | 465652 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.94 | 188 | 931845 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.13 | 240 | 783000 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.29 | 264 | 701615 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.07 | 96 | 12971 | 3.13 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.51 | 84 | 62268m | 6.01 | ng/ul | 0.03 |
| 7) Phenol-d5 | 6.74 | 99 | 224381 | 14.60 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 6.90 | 67 | 149540 | 15.69 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.09 | 132 | 192480 | 16.22 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.27 | 113 | 185862 | 14.62 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.70 | 128 | 86976 | 17.55 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.42 | 143 | 96846 | 17.32 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.96 | 165 | 171618 | 15.30 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.48 | 131 | 171640 | 10.06 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.62 | 166 | 634340 | 17.57 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.89 | 160 | 833511 | 18.22 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.44 | 143 | 43914 | 7.47 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.19 | 176 | 585181 | 19.10 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 34958 | 5.78 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.04 | 188 | 900665 | 19.19 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.34 | 212 | 925426 | 23.04 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.16 | 264 | 734814 | 18.48 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 47) Dimethylphthalate | 13.66 | 163 | 63599 | 1.760 | ng/ul | 99 |
| 52) Acenaphthene | 14.26 | 153 | 166970 | 5.341 | ng/ul | 100 |
| 61) Fluorene | 15.25 | 166 | 96636 | 2.640 | ng/ul | 98 |
| 72) Phenanthrene | 16.99 | 178 | 2710944 | 49.339 | ng/ul | 99 |
| 74) Anthracene | 17.08 | 178 | 607752 | 10.819 | ng/ul | 98 |
| 77) Carbazole | 17.35 | 167 | 458373 | 8.906 | ng/ul | 97 |
| 80) Fluoranthene | 19.02 | 202 | 5800178 | 118.648 | ng/ul | 97 |
| 82) Pyrene | 19.37 | 202 | 5115873 | 99.442 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.12 | 228 | 2507701 | 49.088 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phthalate | 21.06 | 149 | 567772 | 18.011 | ng/ul | 99 |
| 87) Chrysene | 21.17 | 228 | 2502381 | 49.180 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 22.66 | 252 | 3074289 | 67.551 | ng/ul# | 97 |
| 91) Benzo(k)fluoranthene | 22.69 | 252 | 899396m | 18.798 | ng/ul | |
| 93) Benzo(a)pyrene | 23.20 | 252 | 2132510 | 51.593 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 25.44 | 276 | 1359814 | 27.181 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 25.44 | 278 | 364504 | 8.596 | ng/ul# | 81 |
| 96) Benzo(g,h,i)perylene | 26.10 | 276 | 1220123 | 30.102 | ng/ul | 96 |

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

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