

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\  
 Data File : BE100096.D  
 Acq On : 19 Jun 2019 23:28  
 Operator : JU/SJ  
 Sample : K3309-14  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LF016MW001-190610

Manual Integrations  
 APPROVED

mohammad  
 6/21/2019 8:20:38 AM

Quant Time: Jun 20 07:46:37 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 19 15:07:24 2019

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 844      | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 10.52 | 136  | 2998     | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.41 | 164  | 2425     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.16 | 188  | 7769     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.34 | 240  | 10724    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.84 | 264  | 12369    | 0.40 | ng    | 0.00     |

#### System Monitoring Compounds

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| 4) 2-Fluorophenol           | 5.30  | 112 | 311   | 0.18 | ng | 0.00  |
| 5) Phenol-d6                | 6.89  | 99  | 265   | 0.11 | ng | -0.03 |
| 8) Nitrobenzene-d5          | 8.90  | 82  | 1065  | 0.37 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.14 | 152 | 1527  | 0.27 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.90 | 330 | 647   | 0.48 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 13.03 | 172 | 3146  | 0.33 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.20 | 212 | 31267 | 0.28 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.79 | 244 | 8311  | 0.39 | ng | -0.01 |

#### Target Compounds

|                                |       |     |      |       |    | Qvalue |
|--------------------------------|-------|-----|------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.20  | 88  | 193  | 0.143 | ng | # 41   |
| 9) Naphthalene                 | 10.58 | 128 | 684  | 0.021 | ng | # 77   |
| 22) Pentachlorophenol          | 16.81 | 266 | 82m  | 0.292 | ng |        |
| 23) Phenanthrene               | 17.20 | 178 | 848  | 0.046 | ng | # 86   |
| 26) Fluoranthene               | 19.22 | 202 | 698  | 0.023 | ng | # 59   |
| 28) Pyrene                     | 19.59 | 202 | 769  | 0.028 | ng | # 63   |
| 32) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 8881 | 0.295 | ng | 100    |

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

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