

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\  
 Data File : BF096834.D  
 Acq On : 17 Jul 2017 22:05  
 Operator : SJ/JU  
 Sample : I4216-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VITALE-TOPSOIL-1A

Manual Integrations  
 APPROVED

mohammad  
 7/20/2017 8:38:51 AM

Quant Time: Jul 18 04:32:46 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 13 14:49:34 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.61  | 152  | 100215   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 7.89  | 136  | 384348   | 20.00  | ng    | -0.03    |
| 38) Acenaphthene-d10        | 9.64  | 164  | 135532   | 20.00  | ng    | -0.03    |
| 63) Phenanthrene-d10        | 11.11 | 188  | 189942   | 20.00  | ng    | -0.04    |
| 75) Chrysene-d12            | 13.74 | 240  | 205326   | 20.00  | ng    | -0.04    |
| 86) Perylene-d12            | 15.11 | 264  | 166039   | 20.00  | ng    | -0.05    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.23  | 112  | 811487   | 121.75 | ng    | 0.00     |
| 7) Phenol-d6                | 6.27  | 99   | 946806   | 118.38 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.18  | 82   | 541542   | 87.27  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.42 | 330  | 127046   | 109.82 | ng    | -0.04    |
| 44) 2-Fluorobiphenyl        | 8.97  | 172  | 801916   | 93.48  | ng    | -0.03    |
| 78) Terphenyl-d14           | 12.70 | 244  | 476583   | 40.25  | ng    | -0.04    |
| Target Compounds            |       |      |          |        |       |          |
| 49) Dimethylphthalate       | 9.36  | 163  | 65065    | 6.376  | ng    | 100      |
| 70) Phenanthrene            | 11.13 | 178  | 24838    | 2.405  | ng    | 99       |
| 74) Fluoranthene            | 12.32 | 202  | 34343    | 3.474  | ng    | 94       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.40 | 276  | 5755     | 3.804  | ng    | # 80     |

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

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