

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081821\  
 Data File : VY005748.D  
 Acq On : 18 Aug 2021 18:27  
 Operator : SY/MD  
 Sample : M3414-04  
 Misc : 4.99G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 B-3B

Quant Time: Aug 19 05:18:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                       |                |      |                     |         |        |          |
| Internal Standards          |                |      |                     |         |        |          |
| 1) Pentafluorobenzene       | 7.795          | 168  | 189472              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697          | 114  | 327554              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489         | 117  | 347622              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428         | 152  | 187305              | 50.000  | ug/l   | 0.00     |
|                             |                |      |                     |         |        |          |
| System Monitoring Compounds |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.148          | 65   | 117819              | 61.430  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = 122.860% |         |        |          |
| 35) Dibromofluoromethane    | 7.728          | 113  | 96083               | 52.393  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = 104.780% |         |        |          |
| 50) Toluene-d8              | 10.185         | 98   | 431558              | 56.110  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 49 - 140 |      | Recovery = 112.220% |         |        |          |
| 62) 4-Bromofluorobenzene    | 12.483         | 95   | 158195              | 62.112  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 25 - 144 |      | Recovery = 124.220% |         |        |          |
|                             |                |      |                     |         |        |          |
| Target Compounds            |                |      |                     |         |        |          |
|                             |                |      |                     |         | Qvalue |          |
| 39) Methylcyclohexane       | 9.185          | 83   | 40136               | 10.269  | ug/l   | 92       |
| 67) Ethyl Benzene           | 11.593         | 91   | 220496              | 17.383  | ug/l   | 98       |
| 68) m/p-Xylenes             | 11.703         | 106  | 294391              | 59.753  | ug/l   | 97       |
| 69) o-Xylene                | 12.032         | 106  | 4755                | 1.004   | ug/l   | 99       |
| 73) Isopropylbenzene        | 12.331         | 105  | 63967               | 4.893   | ug/l   | 98       |
| 78) n-propylbenzene         | 12.672         | 91   | 227867              | 14.674  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 12.812         | 105  | 348187              | 32.090  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.123         | 105  | 1195645             | 111.676 | ug/l   | 99       |
| 85) sec-Butylbenzene        | 13.251         | 105  | 41469               | 2.953   | ug/l # | 50       |
| 86) p-Isopropyltoluene      | 13.367         | 119  | 28221               | 2.341   | ug/l   | 98       |
| 89) n-Butylbenzene          | 13.696         | 91   | 96824               | 8.864   | ug/l # | 75       |
| 95) Naphthalene             | 15.239         | 128  | 149516              | 19.944  | ug/l   | 99       |
| -----                       |                |      |                     |         |        |          |

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

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