

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041521\  
 Data File : VY004448.D  
 Acq On : 15 Apr 2021 18:04  
 Operator : SY/MD  
 Sample : M2048-10  
 Misc : 5.03G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-04-0-2.0

Quant Time: Apr 16 05:06:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response           | Conc  | Units  | Dev(Min) |
|-----------------------------|----------------|------|--------------------|-------|--------|----------|
| -----                       |                |      |                    |       |        |          |
| Internal Standards          |                |      |                    |       |        |          |
| 1) Pentafluorobenzene       | 7.801          | 168  | 55987              | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697          | 114  | 85511              | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.490         | 117  | 64308              | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428         | 152  | 23653              | 50.00 | ug/l   | 0.00     |
|                             |                |      |                    |       |        |          |
| System Monitoring Compounds |                |      |                    |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.149          | 65   | 26617              | 42.79 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = 85.58%  |       |        |          |
| 35) Dibromofluoromethane    | 7.728          | 113  | 24607              | 51.85 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = 103.70% |       |        |          |
| 50) Toluene-d8              | 10.185         | 98   | 99451              | 49.27 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 49 - 140 |      | Recovery = 98.54%  |       |        |          |
| 62) 4-Bromofluorobenzene    | 12.483         | 95   | 26469              | 38.64 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 25 - 144 |      | Recovery = 77.28%  |       |        |          |
|                             |                |      |                    |       |        |          |
| Target Compounds            |                |      |                    |       |        | Qvalue   |
| 11) Tert butyl alcohol      | 4.966          | 59   | 1236               | 20.16 | ug/l # | 73       |
| 16) Acetone                 | 3.960          | 43   | 3758               | 10.00 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone    | 10.075         | 43   | 812                | 1.52  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene  | 13.123         | 105  | 3069               | 2.05  | ug/l   | 100      |
| 95) Naphthalene             | 15.239         | 128  | 3932               | 4.03  | ug/l   | 96       |
| -----                       |                |      |                    |       |        |          |

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

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