

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\  
 Data File : VF062864.D  
 Acq On : 5 Jun 2019 14:43  
 Operator : FY/SY  
 Sample : K3151-03RE  
 Misc : 5.29g/5mL/MSVOA F/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 AU-06-060419-BRE

Quant Time: Jun 06 08:16:48 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F053019S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 31 04:18:30 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.07  | 168  | 579124   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.79  | 114  | 1058385  | 50.00  | ug/l    | -0.01    |
| 63) Chlorobenzene-d5        | 9.92  | 117  | 744455   | 50.00  | ug/l    | -0.01    |
| 72) 1,4-Dichlorobenzene-d4  | 12.62 | 152  | 212914   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.05  | 65   | 207041   | 51.70  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.40% |          |
| 35) Dibromofluoromethane    | 4.33  | 113  | 378302   | 47.30  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.60%  |          |
| 50) Toluene-d8              | 7.72  | 98   | 700286   | 34.63  | ug/l    | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 69.26%  |          |
| 62) 4-Bromofluorobenzene    | 11.51 | 95   | 229193   | 31.50  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 63.00%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.36  | 43   | 75878    | 82.784 | ug/l    | 98       |
| 80) 1,3,5-Trimethylbenzene  | 11.90 | 105  | 13312    | 1.096  | ug/l    | 89       |
| 84) 1,2,4-Trimethylbenzene  | 12.28 | 105  | 16646    | 1.445  | ug/l    | 100      |
| 89) n-Butylbenzene          | 12.90 | 91   | 14518    | 1.093  | ug/l #  | 57       |

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

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