

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042519\  
 Data File : VF062292.D  
 Acq On : 25 Apr 2019 15:18  
 Operator : FY/SY  
 Sample : K2203-17RE  
 Misc : 6.77g/5mL/MSVOA F/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 SU-03-042419-ARE

Quant Time: Apr 26 01:27:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82F042419S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 25 08:40:59 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.05  | 168  | 388965   | 50.00  | ug/l    | -0.02    |
| 34) 1,4-Difluorobenzene     | 5.77  | 114  | 570350   | 50.00  | ug/l    | -0.02    |
| 63) Chlorobenzene-d5        | 9.91  | 117  | 361817   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.61 | 152  | 184710   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.03  | 65   | 198572   | 63.03  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 126.06% |          |
| 35) Dibromofluoromethane    | 4.30  | 113  | 237843   | 56.24  | ug/l    | -0.02    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 112.48% |          |
| 50) Toluene-d8              | 7.72  | 98   | 451913   | 43.75  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 87.50%  |          |
| 62) 4-Bromofluorobenzene    | 11.50 | 95   | 175963   | 41.33  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 82.66%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.35  | 43   | 30213    | 42.830 | ug/l #  | 85       |
| 20) Methylene Chloride      | 2.34  | 84   | 26962m   | 4.109  | ug/l    |          |
| 52) Toluene                 | 7.78  | 92   | 64795    | 8.833  | ug/l    | 98       |
| 59) 2-Hexanone              | 9.63  | 43   | 19612    | 4.483  | ug/l    | 90       |
| 68) m/p-Xylenes             | 10.26 | 106  | 18726    | 4.376  | ug/l    | 86       |
| 69) o-Xylene                | 10.82 | 106  | 9624     | 2.013  | ug/l    | 89       |
| 95) Naphthalene             | 14.50 | 128  | 52306    | 7.153  | ug/l    | 99       |

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

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