

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\  
 Data File : VX009812.D  
 Acq On : 22 May 2019 18:17  
 Operator : JC/SP  
 Sample : K2977-15 40X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-PZ-FD-02

Quant Time: May 23 08:15:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:31:15 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 171560   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 277342   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 247001   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 111375   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 116932   | 49.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.86%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 84230    | 48.31 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.62%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 351967   | 50.00 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.00% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 119870   | 46.87 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.74%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 16) Acetone                | 2.44  | 43   | 17403    | 13.839 | ug/l   | 97     |
| 25) 2-Butanone             | 4.68  | 43   | 6041     | 3.091  | ug/l   | 96     |
| 67) Ethyl Benzene          | 10.25 | 91   | 7570     | 0.832  | ug/l   | 94     |
| 68) m/p-Xylenes            | 10.36 | 106  | 19887    | 5.985  | ug/l   | 97     |
| 69) o-Xylene               | 10.70 | 106  | 2308     | 0.704  | ug/l   | 96     |
| 73) Isopropylbenzene       | 11.02 | 105  | 14526    | 1.794  | ug/l   | 99     |
| 78) n-propylbenzene        | 11.36 | 91   | 27511    | 2.974  | ug/l   | 99     |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105  | 38183    | 5.599  | ug/l   | 99     |
| 83) tert-Butylbenzene      | 11.77 | 119  | 1766     | 0.266  | ug/l   | 77     |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105  | 231101   | 33.762 | ug/l   | 99     |
| 85) sec-Butylbenzene       | 11.94 | 105  | 8401     | 1.068  | ug/l   | 94     |
| 86) p-Isopropyltoluene     | 12.06 | 119  | 5574     | 0.788  | ug/l   | 89     |
| 89) n-Butylbenzene         | 12.38 | 91   | 6322     | 0.989  | ug/l # | 41     |
| 95) Naphthalene            | 13.83 | 128  | 20055    | 2.470  | ug/l   | 99     |

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

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