

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\  
 Data File : VN055441.D  
 Acq On : 7 May 2019 16:44  
 Operator : JC/SP  
 Sample : K2658-22  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EP1-PZ-W4-5

Manual Integrations  
 APPROVED

MMDadoda  
 5/8/2019 10:22:16 AM

Quant Time: May 08 06:59:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:16:52 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|---------|--------|----------|
| 1) Pentafluorobenzene       | 7.67   | 168  | 474030   | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59   | 114  | 725675   | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.41  | 117  | 588529   | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35  | 152  | 207458   | 50.00   | ug/l   | 0.00     |
| System Monitoring Compounds |        |      |          |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65   | 305172   | 49.21   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 98.42% |          |
| 35) Dibromofluoromethane    | 7.59   | 113  | 230877   | 48.47   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 96.94% |          |
| 50) Toluene-d8              | 10.09  | 98   | 858191   | 49.90   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 99.80% |          |
| 62) 4-Bromofluorobenzene    | 12.40  | 95   | 260654   | 48.49   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 96.98% |          |
| Target Compounds            |        |      |          |         |        |          |
|                             |        |      |          |         | Qvalue |          |
| 3) Chloromethane            | 2.06   | 50   | 10007    | 1.391   | ug/l   | 99       |
| 16) Acetone                 | 3.82   | 43   | 5852     | 3.029   | ug/l   | 96       |
| 17) Carbon Disulfide        | 4.06   | 76   | 44698    | 3.658   | ug/l   | 96       |
| 29) Tetrahydrofuran         | 7.23   | 42   | 5325     | 3.365   | ug/l # | 65       |
| 67) Ethyl Benzene           | 11.51  | 91   | 57773    | 2.780   | ug/l   | 94       |
| 68) m/p-Xylenes             | 11.63  | 106  | 3358     | 0.453   | ug/l   | 95       |
| 69) o-Xylene                | 11.95  | 106  | 8188     | 1.114   | ug/l   | 83       |
| 73) Isopropylbenzene        | 12.25  | 105  | 134064   | 5.294   | ug/l   | 99       |
| 78) n-propylbenzene         | 12.59  | 91   | 239979   | 11.261  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 12.73  | 105  | 1163496  | 71.538  | ug/l   | 100      |
| 83) tert-Butylbenzene       | 12.99  | 119  | 113247   | 7.355   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.04  | 105  | 2763068  | 189.958 | ug/l   | 100      |
| 85) sec-Butylbenzene        | 13.17  | 105  | 467218   | 26.430  | ug/l   | 85       |
| 86) p-Isopropyltoluene      | 13.29  | 119  | 68474    | 4.713   | ug/l   | 99       |
| 89) n-Butylbenzene          | 13.61  | 91   | 51186m   | 4.958   | ug/l   |          |
| 95) Naphthalene             | 15.13  | 128  | 7865     | 4.601   | ug/l # | 97       |

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

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