

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL060322\  
 Data File : VL039168.D  
 Acq On : 4 Jun 2022 1:14  
 Operator : SY/AP  
 Sample : N3106-03DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV3DUP

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022  
 Supervised By :Mahesh Dadoda 06/06/2022

Quant Time: Jun 04 02:23:55 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Jun 0

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.674  | 49    | 1247722  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 7.182  | 114   | 3584186  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 12.089 | 117   | 3215461  | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.420 | 95    | 2486891  | 9.355    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 93.600%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 3.057  | 85    | 47974m   | 0.219    | ppbv   |          |
| 3) Chlorodifluoromethane    | 2.999  | 51    | 48332m   | 0.304    | ppbv   |          |
| 9) Propene                  | 3.031  | 41    | 271881m  | 3.928    | ppbv   |          |
| 10) Heptane                 | 8.131  | 43    | 193553   | 1.199    | ppbv   | 95       |
| 11) Trichlorofluoromethane  | 3.960  | 101   | 38961    | 0.196    | ppbv   | 93       |
| 13) Ethanol                 | 3.613  | 45    | 106939   | 28.327   | ppbv # | 100      |
| 15) Acetone                 | 3.857  | 43    | 359670   | 2.767    | ppbv # | 47       |
| 17) tert-Butyl alcohol      | 4.298  | 59    | 31691    | 0.314    | ppbv # | 70       |
| 19) Isopropyl Alcohol       | 3.976  | 45    | 256608   | 4.209    | ppbv # | 1        |
| 20) Methylene Chloride      | 4.353  | 84    | 71811    | 1.311    | ppbv   | 86       |
| 23) Vinyl Acetate           | 5.083  | 43    | 597250   | 5.554    | ppbv # | 94       |
| 26) Hexane                  | 5.693  | 57    | 1115777  | 8.667    | ppbv # | 29       |
| 27) Carbon Disulfide        | 4.565  | 76    | 32450    | 0.243    | ppbv # | 92       |
| 34) 2-Butanone              | 5.250  | 43    | 1660654  | 8.528    | ppbv   | 99       |
| 35) Carbon Tetrachloride    | 7.025  | 117   | 10085m   | 0.039    | ppbv   |          |
| 36) Benzene                 | 6.899  | 78    | 30588m   | 0.105    | ppbv   |          |
| 51) 2-Hexanone              | 10.137 | 43    | 658011m  | 2.901    | ppbv   |          |
| 52) Tetrachloroethene       | 11.230 | 164   | 304832   | 2.683    | ppbv   | 93       |
| 53) Toluene                 | 9.809  | 91    | 49315    | 0.147    | ppbv   | 95       |
| 59) m/p-Xylene              | 12.966 | 91    | 62494m   | 0.160    | ppbv   |          |
| 60) o-Xylene                | 13.693 | 91    | 37632m   | 0.103    | ppbv   |          |
| 62) Isopropylbenzene        | 14.671 | 105   | 64228m   | 0.118    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 16.767 | 105   | 98138    | 0.227    | ppbv # | 57       |
| 79) Naphthalene             | 22.198 | 128   | 39429m   | 0.118    | ppbv   |          |

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

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