

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL071023\  
 Data File : VL040511.D  
 Acq On : 10 Jul 2023 15:11  
 Operator : SY/MD  
 Sample : VSTDICC0.03  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDICC0.03

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023  
 Supervised By :Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 15:41:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL071023AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 11 10:04:09 2023  
 QLast Update : Mon Jul 10 14:00:16 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) Bromochloromethane         | 5.198  | 49    | 1006457  | 10.000   | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene       | 6.658  | 114   | 2514351  | 10.000   | ppbv  | 0.00     |
| 55) Chlorobenzene-d5          | 11.478 | 117   | 2157122  | 10.000   | ppbv  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 68) 1-Bromo-4-Fluorobenzene   | 13.789 | 95    | 1756659  | 9.867    | ppbv  | 0.00     |
| Spiked Amount                 | 10.000 | Range | 65 - 135 | Recovery | =     | 98.700%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 5) Vinyl Chloride             | 2.931  | 62    | 1947m    | 0.031    | ppbv  | Qvalue   |
| 32) 1,1,1-Trichloroethane     | 6.015  | 97    | 4888m    | 0.028    | ppbv  |          |
| 35) Carbon Tetrachloride      | 6.507  | 117   | 3901m    | 0.023    | ppbv  |          |
| 38) Trichloroethene           | 7.307  | 130   | 1883m    | 0.025    | ppbv  |          |
| 52) Tetrachloroethene         | 10.626 | 164   | 1535m    | 0.024    | ppbv  |          |
| 63) 1,1,2,2-Tetrachloroethane | 13.066 | 83    | 4141m    | 0.028    | ppbv  |          |
| -----                         |        |       |          |          |       |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL071023\  
Data File : VL040511.D  
Acq On : 10 Jul 2023 15:11  
Operator : SY/MD  
Sample : VSTDICC0.03  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDICC0.03

Quant Time: Jul 10 15:41:06 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL071023AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug  
QLast Update : Mon Jul 10 14:00:16 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023  
Supervised By :Mahesh Dadoda 07/11/2023

