

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080423\
 Data File : VL040588.D
 Acq On : 4 Aug 2023 11:23
 Operator : SY/MD
 Sample : 03858-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1ADUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt
 08/07/2023
 Supervised By :Mahesh
 Dadoda
 08/07/2023

Quant Time: Aug 05 01:07:49 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 4 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) Bromochloromethane	5.185	49	1157757	10.000	ppbv	-0.02	
33) 1,4-Difluorobenzene	6.648	114	2978668	10.000	ppbv	-0.02	
55) Chlorobenzene-d5	11.468	117	2551626	10.000	ppbv	0.00	
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.777	95	1995399	9.881	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%	
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane	2.723	85	63942	0.276	ppbv		99
3) Chlorodifluoromethane	2.665	51	48066m	0.262	ppbv		
4) Chloromethane	2.806	50	40537	0.558	ppbv		95
9) Propene	2.697	41	79957m	1.273	ppbv		
10) Heptane	7.571	43	26713m	0.193	ppbv		
11) Trichlorofluoromethane	3.555	101	42667	0.228	ppbv #		83
13) Ethanol	3.237	45	151541	11.087	ppbv		99
15) Acetone	3.465	43	715853	5.372	ppbv		95
20) Methylene Chloride	3.928	84	2380528	41.994	ppbv		97
26) Hexane	5.208	57	2612945	22.169	ppbv #		40
34) 2-Butanone	4.793	43	128247	0.871	ppbv		96
35) Carbon Tetrachloride	6.494	117	13846m	0.077	ppbv		
36) Benzene	6.365	78	38047m	0.159	ppbv		
52) Tetrachloroethene	10.616	164	34581	0.446	ppbv		93
53) Toluene	9.221	91	71917	0.276	ppbv		96
58) Ethyl Benzene	12.086	91	27363m	0.085	ppbv		
59) m/p-Xylene	12.346	91	108696m	0.380	ppbv		
60) o-Xylene	13.057	91	79091m	0.290	ppbv		
64) n-propylbenzene	14.918	120	40507m	0.384	ppbv		
65) tert-Butylbenzene	16.105	119	177883	0.492	ppbv #		57
72) 4-Ethyltoluene	15.195	105	273195m	0.856	ppbv		
73) 1,3,5-Trimethylbenzene	15.349	105	392208	1.394	ppbv		91
74) 1,2,4-Trimethylbenzene	16.108	105	1621904	4.945	ppbv #		66
76) 1,4-Dichlorobenzene	16.474	146	1230959	6.313	ppbv		97
79) Naphthalene	21.387	128	247379m	0.891	ppbv		

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

