

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040653.D
 Acq On : 5 Sep 2023 18:56
 Operator : SY/MD
 Sample : 04261-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023

Quant Time: Sep 06 02:07:13 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Aug 16 05:43:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	820163	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2178610	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1743575	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 1368443 9.869 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.722	85	77362	0.438	ppbv	95
3) Chlorodifluoromethane	2.671	51	62953	0.467	ppbv #	91
4) Chloromethane	2.812	50	32194	0.613	ppbv	93
9) Propene	2.690	41	36304m	0.870	ppbv	
11) Trichlorofluoromethane	3.558	101	34605	0.243	ppbv	92
13) Ethanol	3.243	45	222740	19.127	ppbv	93
15) Acetone	3.468	43	1005336	10.021	ppbv	96
19) Isopropyl Alcohol	3.581	45	219841	3.456	ppbv #	1
20) Methylene Chloride	3.931	84	502893	10.258	ppbv	96
26) Hexane	5.211	57	566318	6.213	ppbv #	40
29) Chloroform	5.272	83	61580m	0.427	ppbv	
34) 2-Butanone	4.790	43	44129m	0.402	ppbv	
35) Carbon Tetrachloride	6.488	117	11861m	0.087	ppbv	
36) Benzene	6.369	78	52100m	0.301	ppbv	
44) 2,2,4-Trimethylpentane	7.320	57	49956m	0.178	ppbv	
52) Tetrachloroethene	10.606	164	3301m	0.061	ppbv	
53) Toluene	9.224	91	120112	0.652	ppbv	100
58) Ethyl Benzene	12.092	91	16979m	0.081	ppbv	
59) m/p-Xylene	12.355	91	45884m	0.239	ppbv	
60) o-Xylene	13.066	91	17043m	0.094	ppbv	
76) 1,4-Dichlorobenzene	16.474	146	29684m	0.245	ppbv	

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

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