

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041930.D
 Acq On : 20 Jan 2025 21:28
 Operator : SY/MD
 Sample : Q1090-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025

Quant Time: Jan 21 07:31:55 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.780	49	139510	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.949	114	380814	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.872	117	362775	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	293650	10.277	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.495	85	9358	0.492	ppbv	94
3) Chlorodifluoromethane	1.473	51	8294m	0.417	ppbv	
4) Chloromethane	1.528	50	2031	0.284	ppbv #	84
9) Propene	1.479	41	5829	0.711	ppbv	90
10) Heptane	4.968	43	12890m	0.588	ppbv	
11) Trichlorofluoromethane	1.874	101	4180m	0.211	ppbv	
13) Ethanol	1.719	45	7649	12.734	ppbv #	31
15) Acetone	1.832	43	64964	3.877	ppbv #	54
17) tert-Butyl alcohol	2.042	59	3434	0.167	ppbv #	84
19) Isopropyl Alcohol	1.887	45	3709m	0.373	ppbv	
20) Methylene Chloride	2.059	84	3649	0.551	ppbv	94
26) Hexane	2.822	57	73925	4.137	ppbv #	35
29) Chloroform	2.845	83	2903	0.103	ppbv	92
34) 2-Butanone	2.557	43	91993	3.799	ppbv	99
35) Carbon Tetrachloride	3.751	117	1550m	0.065	ppbv	
36) Benzene	3.651	78	4116	0.118	ppbv	96
52) Tetrachloroethene	8.215	164	9920	0.819	ppbv	93
53) Toluene	6.920	91	63558	1.671	ppbv	98
58) Ethyl Benzene	9.344	91	6862	0.121	ppbv	91
59) m/p-Xylene	9.522	91	22744m	0.500	ppbv	
60) o-Xylene	9.959	91	10871	0.241	ppbv	96
73) 1,3,5-Trimethylbenzene	11.199	105	5226	0.110	ppbv	99
74) 1,2,4-Trimethylbenzene	11.532	105	15568	0.302	ppbv #	53

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

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