

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041938.D
 Acq On : 21 Jan 2025 08:17
 Operator : SY/MD
 Sample : Q1090-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

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

Quant Time: Jan 21 08:39:54 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		2.774	49	137038	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene		3.939	114	372525	10.000	ppbv	-0.04
55) Chlorobenzene-d5		8.862	117	321641	10.000	ppbv	-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		10.361	95	264679	10.448	ppbv	-0.03
Spiked Amount		10.000	Range	65 - 135	Recovery	= 104.500%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane		1.492	85	7743	0.415	ppbv	98
3) Chlorodifluoromethane		1.470	51	6023m	0.308	ppbv	
4) Chloromethane		1.525	50	4010	0.571	ppbv	92
9) Propene		1.479	41	9704m	1.205	ppbv	
10) Heptane		4.959	43	9206m	0.428	ppbv	
11) Trichlorofluoromethane		1.868	101	4481	0.231	ppbv	93
13) Ethanol		1.712	45	137462	232.972	ppbv	85
15) Acetone		1.826	43	1549948	94.168	ppbv #	86
19) Isopropyl Alcohol		1.881	45	12657	1.297	ppbv #	32
20) Methylene Chloride		2.052	84	6722	1.033	ppbv #	84
26) Hexane		2.813	57	154330	8.792	ppbv #	35
30) Cyclohexane		3.839	84	2372m	0.156	ppbv	
34) 2-Butanone		2.551	43	43065	1.818	ppbv	98
35) Carbon Tetrachloride		3.742	117	1714m	0.073	ppbv	
36) Benzene		3.638	78	16394	0.480	ppbv	98
44) 2,2,4-Trimethylpentane		4.616	57	12166m	0.220	ppbv	
53) Toluene		6.907	91	298474	8.020	ppbv	99
58) Ethyl Benzene		9.335	91	14088	0.280	ppbv #	83
59) m/p-Xylene		9.516	91	43343	1.076	ppbv	93
60) o-Xylene		9.946	91	13644	0.341	ppbv	95
74) 1,2,4-Trimethylbenzene		11.526	105	9205	0.201	ppbv #	55

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

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