

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041970.D
 Acq On : 03 Feb 2025 18:15
 Operator : SY/MD
 Sample : Q1256-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:40:00 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	2.797	49	152639	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	421377	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	366996	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	282500	9.773	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.502	85	9072	0.436	ppbv	97
4) Chloromethane	1.538	50	3669	0.469	ppbv	95
9) Propene	1.492	41	12419m	1.384	ppbv	
10) Heptane	4.998	43	3254m	0.136	ppbv	
11) Trichlorofluoromethane	1.884	101	4520	0.209	ppbv	89
13) Ethanol	1.725	45	135626	206.367	ppbv	88
15) Acetone	1.842	43	1455087	79.369	ppbv #	88
19) Isopropyl Alcohol	1.894	45	390002	35.878	ppbv #	1
20) Methylene Chloride	2.068	84	2806	0.387	ppbv	92
26) Hexane	2.839	57	7438	0.380	ppbv #	56
34) 2-Butanone	2.570	43	7294	0.272	ppbv	94
35) Carbon Tetrachloride	3.784	117	2627m	0.099	ppbv	
36) Benzene	3.674	78	15092	0.390	ppbv #	92
44) 2,2,4-Trimethylpentane	4.661	57	9955	0.159	ppbv #	66
53) Toluene	6.953	91	24588	0.584	ppbv	98
59) m/p-Xylene	9.545	91	11898	0.259	ppbv	90
60) o-Xylene	9.979	91	5246	0.115	ppbv	95
74) 1,2,4-Trimethylbenzene	11.549	105	6099	0.117	ppbv #	58
76) 1,4-Dichlorobenzene	11.685	146	10034	0.332	ppbv	92

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

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