

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
 Data File : VL042405.D
 Acq On : 21 Apr 2025 15:18
 Operator : SY/MD
 Sample : Q1843-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
 Supervised By :Mahesh Dadoda 04/22/2025

Quant Time: Apr 22 06:46:28 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

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

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	126464	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	348043	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	298931	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	259568	10.567	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	9994	0.447	ppbv	96
3) Chlorodifluoromethane	1.476	51	4704m	0.221	ppbv	
4) Chloromethane	1.531	50	4567	0.516	ppbv #	86
9) Propene	1.489	41	137485m	14.189	ppbv	
10) Heptane	4.985	43	9835m	0.361	ppbv	
11) Trichlorofluoromethane	1.877	101	4590m	0.216	ppbv	
13) Ethanol	1.722	45	63374	41.149	ppbv	76
15) Acetone	1.835	43	987031	47.677	ppbv	99
19) Isopropyl Alcohol	1.887	45	159355	13.856	ppbv #	1
20) Methylene Chloride	2.059	84	7400	0.913	ppbv	85
26) Hexane	2.826	57	477107	23.097	ppbv #	32
30) Cyclohexane	3.858	84	2287m	0.137	ppbv	
34) 2-Butanone	2.564	43	7185	0.261	ppbv	100
35) Carbon Tetrachloride	3.764	117	2278m	0.072	ppbv	
36) Benzene	3.658	78	6904	0.184	ppbv #	93
44) 2,2,4-Trimethylpentane	4.642	57	14523	0.224	ppbv #	81
52) Tetrachloroethene	8.215	164	1012m	0.070	ppbv	
53) Toluene	6.933	91	21738	0.483	ppbv	99
59) m/p-Xylene	9.532	91	18242	0.382	ppbv	99
60) o-Xylene	9.963	91	5744m	0.120	ppbv	

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

Manual Integrations

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