

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
 Data File : VL042424.D
 Acq On : 28 Apr 2025 14:00
 Operator : SY/MD
 Sample : Q1665-21
 Misc : 400mL/MSVOA_L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-1-3242025

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
 Supervised By :Mahesh Dadoda 04/30/2025

Quant Time: Apr 29 01:37:10 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	2.784	49	134924	10.000	ppbv	0.00
33)	1,4-Difluorobenzene	3.955	114	377834	10.000	ppbv	0.00
55)	Chlorobenzene-d5	8.878	117	330143	10.000	ppbv	0.00
System Monitoring Compounds							
68)	1-Bromo-4-Fluorobenzene	10.374	95	284407	10.483	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	=	104.800%
Target Compounds							Qvalue
2)	Dichlorodifluoromethane	1.499	85	10943	0.459	ppbv	93
3)	Chlorodifluoromethane	1.476	51	6923m	0.305	ppbv	
4)	Chloromethane	1.531	50	6517	0.691	ppbv	93
9)	Propene	1.486	41	11972m	1.158	ppbv	
10)	Heptane	4.978	43	11454m	0.394	ppbv	
11)	Trichlorofluoromethane	1.877	101	4919	0.217	ppbv	92
13)	Ethanol	1.722	45	1134596	690.509	ppbv	81
15)	Acetone	1.835	43	335719	15.200	ppbv	100
17)	tert-Butyl alcohol	2.043	59	7751	0.283	ppbv	97
19)	Isopropyl Alcohol	1.884	45	490461	39.973	ppbv #	63
20)	Methylene Chloride	2.059	84	13523	1.563	ppbv	95
26)	Hexane	2.826	57	65044	2.951	ppbv #	42
30)	Cyclohexane	3.855	84	5289	0.297	ppbv	92
34)	2-Butanone	2.560	43	21181	0.709	ppbv	100
35)	Carbon Tetrachloride	3.761	117	2391m	0.070	ppbv	
36)	Benzene	3.654	78	17661	0.433	ppbv #	94
44)	2,2,4-Trimethylpentane	4.642	57	34215m	0.486	ppbv	
53)	Toluene	6.930	91	417734	8.542	ppbv	100
58)	Ethyl Benzene	9.351	91	24772	0.379	ppbv	95
59)	m/p-Xylene	9.529	91	65650	1.246	ppbv	93
60)	o-Xylene	9.963	91	27701	0.522	ppbv	97
61)	Styrene	9.865	104	6130	0.242	ppbv	91
71)	2-Chlorotoluene	10.901	91	6948	0.114	ppbv	82
72)	4-Ethyltoluene	11.125	105	7865	0.121	ppbv #	56
73)	1,3,5-Trimethylbenzene	11.205	105	7185	0.125	ppbv	95
74)	1,2,4-Trimethylbenzene	11.536	105	17740	0.265	ppbv #	68

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

