

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
 Data File : VL042404.D
 Acq On : 21 Apr 2025 14:44
 Operator : SY/MD
 Sample : Q1844-02DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 22 02:54:42 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	132427	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	368774	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	315151	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	263653	10.181	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%
Target Compounds						
					Qvalue	
9) Propene	1.486	41	309408m	30.494	ppbv	
13) Ethanol	1.729	45	2712814	1682.135	ppbv	99
15) Acetone	1.835	43	98175	4.529	ppbv #	86
17) tert-Butyl alcohol	2.046	59	28201	1.050	ppbv #	71
19) Isopropyl Alcohol	1.887	45	471563	39.157	ppbv #	39
20) Methylene Chloride	2.059	84	2138	0.252	ppbv #	93
26) Hexane	2.819	57	3436	0.159	ppbv	93
34) 2-Butanone	2.557	43	4166	0.143	ppbv	99
36) Benzene	3.654	78	100002	2.514	ppbv #	92
52) Tetrachloroethene	8.218	164	58798	3.824	ppbv	97
53) Toluene	6.933	91	17955m	0.376	ppbv	
59) m/p-Xylene	9.529	91	7691m	0.153	ppbv	

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

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