

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
 Data File : VL042402.D
 Acq On : 21 Apr 2025 13:38
 Operator : SY/MD
 Sample : Q1844-02
 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

Quant Time: Apr 22 02:53:32 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)	Qvalue
Internal Standards							
1) Bromochloromethane	2.780	49	129429	10.000	ppbv	0.00	
33) 1,4-Difluorobenzene	3.949	114	363256	10.000	ppbv	0.00	
55) Chlorobenzene-d5	8.878	117	306838	10.000	ppbv	0.00	
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.374	95	266636	10.575	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.700%	
Target Compounds							
2) Dichlorodifluoromethane	1.495	85	9277	0.406	ppbv		99
4) Chloromethane	1.531	50	4494	0.497	ppbv		99
9) Propene	1.486	41	973005m	98.117	ppbv		
10) Heptane	4.978	43	9647m	0.346	ppbv		
11) Trichlorofluoromethane	1.871	101	4989m	0.229	ppbv		
13) Ethanol	1.751	45	6709644	4256.821	ppbv		85
15) Acetone	1.835	43	480705	22.688	ppbv	#	87
17) tert-Butyl alcohol	2.049	59	134017	5.104	ppbv		99
19) Isopropyl Alcohol	1.894	45	1797369	152.706	ppbv	#	42
20) Methylene Chloride	2.059	84	4958	0.598	ppbv	#	91
26) Hexane	2.822	57	14222	0.673	ppbv		88
30) Cyclohexane	3.842	84	3232m	0.189	ppbv		
34) 2-Butanone	2.560	43	19570	0.681	ppbv		94
35) Carbon Tetrachloride	3.761	117	2281m	0.069	ppbv		
36) Benzene	3.651	78	489138	12.484	ppbv		95
44) 2,2,4-Trimethylpentane	4.635	57	21675	0.320	ppbv	#	75
52) Tetrachloroethene	8.221	164	292573	19.319	ppbv		90
53) Toluene	6.923	91	91866	1.954	ppbv		100
58) Ethyl Benzene	9.347	91	17207	0.283	ppbv		91
59) m/p-Xylene	9.529	91	38575m	0.788	ppbv		
60) o-Xylene	9.962	91	15784	0.320	ppbv		99
61) Styrene	9.869	104	8361	0.355	ppbv		94
69) p-Isopropyltoluene	11.921	119	8280	0.103	ppbv		96
74) 1,2,4-Trimethylbenzene	11.532	105	14087	0.227	ppbv	#	65
79) Naphthalene	13.510	128	38319	0.515	ppbv		96

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

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