

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042374.D
 Acq On : 18 Apr 2025 00:28
 Operator : SY/MD
 Sample : Q1668-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B1-4-3252025DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 02:47:53 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	104470	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	294101	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	258444	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	213140	10.036	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	3131	0.170	ppbv	89
4) Chloromethane	1.534	50	1444	0.198	ppbv	96
9) Propene	1.486	41	1595	0.199	ppbv	92
10) Heptane	4.978	43	12111m	0.539	ppbv	
13) Ethanol	1.722	45	89338	70.220	ppbv	76
15) Acetone	1.835	43	28193	1.649	ppbv	98
19) Isopropyl Alcohol	1.887	45	6632	0.698	ppbv #	1
20) Methylene Chloride	2.062	84	8259	1.233	ppbv	86
26) Hexane	2.823	57	17764	1.041	ppbv #	33
30) Cyclohexane	3.858	84	13322	0.966	ppbv	97
34) 2-Butanone	2.564	43	5208m	0.224	ppbv	
36) Benzene	3.654	78	5447m	0.172	ppbv	
50) 4-Methyl-2-Pentanone	5.755	43	200233	5.180	ppbv	98
53) Toluene	6.933	91	17117m	0.450	ppbv	
58) Ethyl Benzene	9.354	91	13008	0.254	ppbv	93
59) m/p-Xylene	9.532	91	104338	2.529	ppbv	99
60) o-Xylene	9.963	91	22264	0.536	ppbv	99
61) Styrene	9.872	104	8460	0.427	ppbv	97
64) n-propylbenzene	10.992	120	2068	0.135	ppbv	91
70) n-Butylbenzene	12.280	91	7143m	0.101	ppbv	
72) 4-Ethyltoluene	11.125	105	14677	0.289	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.202	105	14990	0.334	ppbv	89
74) 1,2,4-Trimethylbenzene	11.536	105	55625	1.062	ppbv #	62
79) Naphthalene	13.516	128	9572	0.153	ppbv #	92

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

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