

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042362.D
 Acq On : 17 Apr 2025 17:51
 Operator : SY/MD
 Sample : Q1668-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 02:39:37 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	122226	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	344143	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	303859	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	251359	10.067	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	9771	0.452	ppbv	92
3) Chlorodifluoromethane	1.476	51	5731m	0.279	ppbv	
4) Chloromethane	1.534	50	4015	0.470	ppbv	99
9) Propene	1.486	41	5149	0.550	ppbv	92
10) Heptane	4.981	43	50613	1.924	ppbv	99
11) Trichlorofluoromethane	1.877	101	4655	0.227	ppbv	97
13) Ethanol	1.722	45	362837	243.762	ppbv	75
15) Acetone	1.835	43	104810	5.238	ppbv	94
19) Isopropyl Alcohol	1.887	45	25172	2.265	ppbv #	6
20) Methylene Chloride	2.062	84	21791	2.781	ppbv	98
26) Hexane	2.826	57	56908	2.850	ppbv #	34
27) Carbon Disulfide	2.149	76	12830	0.600	ppbv #	1
30) Cyclohexane	3.861	84	54578	3.382	ppbv	100
34) 2-Butanone	2.560	43	18869	0.693	ppbv	96
35) Carbon Tetrachloride	3.764	117	2628m	0.084	ppbv	
36) Benzene	3.654	78	19730	0.532	ppbv #	91
44) 2,2,4-Trimethylpentane	4.645	57	11077m	0.173	ppbv	
50) 4-Methyl-2-Pentanone	5.755	43	876965	19.389	ppbv	99
52) Tetrachloroethene	8.224	164	574m	0.040	ppbv	
53) Toluene	6.936	91	69352	1.557	ppbv	99
58) Ethyl Benzene	9.354	91	57094	0.948	ppbv	99
59) m/p-Xylene	9.532	91	448533	9.248	ppbv	100
60) o-Xylene	9.966	91	96845	1.983	ppbv	100
61) Styrene	9.872	104	37632	1.614	ppbv	98
62) Isopropylbenzene	10.539	105	10762	0.150	ppbv	97
64) n-propylbenzene	10.989	120	9965	0.553	ppbv	95
69) p-Isopropyltoluene	11.927	119	12725	0.160	ppbv	93
70) n-Butylbenzene	12.283	91	29311	0.353	ppbv #	44
72) 4-Ethyltoluene	11.124	105	64934	1.088	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.205	105	70431	1.336	ppbv	97
74) 1,2,4-Trimethylbenzene	11.539	105	242011	3.931	ppbv #	61
79) Naphthalene	13.513	128	46070	0.626	ppbv #	96
80) Naphthalene,2-methyl-	14.458	142	10505m	0.250	ppbv	

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

