

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039096.D
 Acq On : 23 May 2022 23:05
 Operator : SY/AP
 Sample : N2956-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/25/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 24 06:03:52 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 06:03:52 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.655	49	1104835	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	2563928	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.063	117	2347092	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.391 95 2097861 11.286 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 112.900%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	3.044	85	30049m	0.174	ppbv	
4) Chloromethane	3.140	50	45105m	0.657	ppbv	
9) Propene	3.005	41	5602769	93.581	ppbv	93
10) Heptane	8.105	43	3249301	22.122	ppbv	99
11) Trichlorofluoromethane	3.941	101	54900	0.370	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.475	101	12140m	0.119	ppbv	
13) Ethanol	3.591	45	427356	100.865	ppbv	90
15) Acetone	3.835	43	16794790	161.149	ppbv #	84
17) tert-Butyl alcohol	4.275	59	656266	8.193	ppbv	98
19) Isopropyl Alcohol	3.951	45	1370482	27.657	ppbv #	95
20) Methylene Chloride	4.336	84	329586	8.391	ppbv	98
26) Hexane	5.671	57	983686	8.875	ppbv #	38
27) Carbon Disulfide	4.539	76	303732	2.885	ppbv #	94
29) Chloroform	5.745	83	68536	0.382	ppbv	94
30) Cyclohexane	7.115	84	53383	0.575	ppbv #	1
32) 1,1,1-Trichloroethane	6.497	97	30078m	0.168	ppbv	
34) 2-Butanone	5.224	43	3982303	30.445	ppbv	99
36) Benzene	6.877	78	1226751	5.591	ppbv	98
41) Tetrahydrofuran	6.025	42	1363614	15.511	ppbv	98
44) 2,2,4-Trimethylpentane	7.851	57	223032	0.579	ppbv #	38
50) 4-Methyl-2-Pentanone	8.719	43	541348	2.360	ppbv	96
52) Tetrachloroethene	11.204	164	177321	2.261	ppbv	98
53) Toluene	9.786	91	1760159	7.157	ppbv	100
58) Ethyl Benzene	12.693	91	641584	1.899	ppbv	98
59) m/p-Xylene	12.950	91	2199059m	7.626	ppbv	
60) o-Xylene	13.667	91	906162	3.339	ppbv	98
61) Styrene	13.507	104	38458m	0.265	ppbv	
62) Isopropylbenzene	14.645	105	107901	0.272	ppbv	97
64) n-propylbenzene	15.539	120	85319	0.889	ppbv	95
67) sec-Butylbenzene	17.268	105	93879m	0.189	ppbv	
69) p-Isopropyltoluene	17.622	119	88270m	0.220	ppbv	
70) n-Butylbenzene	18.529	91	298758	0.701	ppbv #	36
72) 4-Ethyltoluene	15.815	105	648904	2.098	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.973	105	682923	2.453	ppbv	98
74) 1,2,4-Trimethylbenzene	16.735	105	2487981	8.161	ppbv #	67
79) Naphthalene	22.156	128	357636m	1.444	ppbv	
80) Naphthalene,2-methyl-	24.950	142	67364m	0.899	ppbv	

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

