

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039108.D
 Acq On : 24 May 2022 7:03
 Operator : SY/AP
 Sample : N2957-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2

Manual Integrations
 APPROVED

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

Quant Time: May 24 08:46:43 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 13:06:31 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	5.648	49	1026178	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2447527	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.053	117	2139312	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.384 95 1825675 10.776 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 107.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	51834	0.322	ppbv	92
3) Chlorodifluoromethane	2.980	51	30339m	0.238	ppbv	
4) Chloromethane	3.134	50	10086m	0.158	ppbv	
9) Propene	3.009	41	187023	3.363	ppbv	87
10) Heptane	8.095	43	187073m	1.371	ppbv	
11) Trichlorofluoromethane	3.944	101	41628m	0.302	ppbv	
13) Ethanol	3.587	45	472387	120.039	ppbv	91
15) Acetone	3.832	43	8744320	90.335	ppbv	94
17) tert-Butyl alcohol	4.285	59	63090m	0.848	ppbv	
19) Isopropyl Alcohol	3.947	45	94107m	2.045	ppbv	
20) Methylene Chloride	4.330	84	363975	9.976	ppbv	97
26) Hexane	5.664	57	580142	5.636	ppbv #	39
27) Carbon Disulfide	4.539	76	199465	2.040	ppbv	98
29) Chloroform	5.732	83	1891796	11.359	ppbv	99
30) Cyclohexane	7.111	84	191279	2.219	ppbv	90
34) 2-Butanone	5.224	43	956754	7.662	ppbv	97
35) Carbon Tetrachloride	6.996	117	9068m	0.056	ppbv	
36) Benzene	6.870	78	226996	1.084	ppbv	94
38) Trichloroethene	7.812	130	198567	2.133	ppbv	98
41) Tetrahydrofuran	6.031	42	120510m	1.436	ppbv	
44) 2,2,4-Trimethylpentane	7.844	57	175442	0.477	ppbv #	60
50) 4-Methyl-2-Pentanone	8.732	43	66545m	0.304	ppbv	
51) 2-Hexanone	10.108	43	160930	1.007	ppbv #	89
52) Tetrachloroethene	11.195	164	2432271	32.495	ppbv	98
53) Toluene	9.777	91	1237861	5.273	ppbv	100
58) Ethyl Benzene	12.677	91	436526	1.418	ppbv	99
59) m/p-Xylene	12.934	91	1516600	5.770	ppbv	96
60) o-Xylene	13.658	91	650676	2.630	ppbv	99
61) Styrene	13.494	104	15575m	0.118	ppbv	
62) Isopropylbenzene	14.635	105	54247m	0.150	ppbv	
64) n-propylbenzene	15.526	120	50171m	0.574	ppbv	
67) sec-Butylbenzene	17.259	105	45595m	0.101	ppbv	
70) n-Butylbenzene	18.522	91	173055m	0.445	ppbv	
72) 4-Ethyltoluene	15.805	105	421099	1.494	ppbv	98
73) 1,3,5-Trimethylbenzene	15.960	105	455684m	1.796	ppbv	
74) 1,2,4-Trimethylbenzene	16.725	105	1618328	5.824	ppbv #	66
79) Naphthalene	22.146	128	204359m	0.905	ppbv	
80) Naphthalene,2-methyl-	24.940	142	37395m	0.548	ppbv	

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

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