

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039097.D
 Acq On : 23 May 2022 23:44
 Operator : SY/AP
 Sample : N2956-04DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1DL

Manual Integrations
 APPROVED

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

Quant Time: May 24 06:04:11 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 13:03:04 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	5.652	49	1380664	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.156	114	3563723	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	3195346	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.388	95	2458642	9.716	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%
Target Compounds						
					Qvalue	
4) Chloromethane	3.137	50	15113m	0.176	ppbv	
9) Propene	3.005	41	2205556	29.479	ppbv	90
10) Heptane	8.102	43	984712	5.365	ppbv	98
13) Ethanol	3.591	45	109769	20.732	ppbv	99
15) Acetone	3.835	43	6120421	46.994	ppbv	96
17) tert-Butyl alcohol	4.276	59	182832	1.827	ppbv	98
19) Isopropyl Alcohol	3.948	45	385651	6.228	ppbv #	95
20) Methylene Chloride	4.333	84	87978	1.792	ppbv	92
26) Hexane	5.671	57	310635	2.243	ppbv #	41
27) Carbon Disulfide	4.536	76	60242m	0.458	ppbv	
30) Cyclohexane	7.105	84	19242m	0.166	ppbv	
32) 1,1,1-Trichloroethane	6.494	97	7822m	0.035	ppbv	
34) 2-Butanone	5.224	43	1122537	6.174	ppbv	98
36) Benzene	6.870	78	385554	1.264	ppbv	95
41) Tetrahydrofuran	6.031	42	443534	3.630	ppbv	99
44) 2,2,4-Trimethylpentane	7.854	57	87454m	0.163	ppbv	
50) 4-Methyl-2-Pentanone	8.726	43	156167	0.490	ppbv	95
52) Tetrachloroethene	11.195	164	54555m	0.501	ppbv	
53) Toluene	9.783	91	532888	1.559	ppbv	99
58) Ethyl Benzene	12.684	91	171710	0.373	ppbv	95
59) m/p-Xylene	12.941	91	632361m	1.611	ppbv	
60) o-Xylene	13.667	91	261319	0.707	ppbv	99
64) n-propylbenzene	15.529	120	23752m	0.182	ppbv	
70) n-Butylbenzene	18.529	91	65077m	0.112	ppbv	
72) 4-Ethyltoluene	15.812	105	166033	0.394	ppbv #	98
73) 1,3,5-Trimethylbenzene	15.973	105	186886m	0.493	ppbv	
74) 1,2,4-Trimethylbenzene	16.732	105	645413	1.555	ppbv #	64
79) Naphthalene	22.153	128	75710m	0.225	ppbv	
80) Naphthalene,2-methyl-	24.937	142	11386m	0.112	ppbv	

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

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