Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
Data File : VL039026.D
Acq On : 11 May 2022 19:06
Operator : SY/AP
Sample : N2753-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 12 01:57:42 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May (
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	933001	10.000	ppbv		-0.02
33) 1,4-Difluorobenzene	7.153	114	2469808	10.000	ppbv		-0.02
55) Chlorobenzene-d5	12.057	117	2058636	10.000	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.391	95	1598581	9.805	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.041	85	46522	0.318	ppbv		93
3) Chlorodifluoromethane	2.980	51	40616m	0.351	ppbv		
4) Chloromethane	3.134	50	39776m	0.686	ppbv		
9) Propene	3.012	41	37634m	0.744	ppbv		
11) Trichlorofluoromethane	3.931	101	29936m	0.239	ppbv		
13) Ethanol	3.591	45	226666	63.351	ppbv		84
15) Acetone	3.835	43	1040753	11.825	ppbv		97
19) Isopropyl Alcohol	3.957	45	90202	2.156	ppbv	#	1
20) Methylene Chloride	4.330	84	776200	23.400	ppbv		96
26) Hexane	5.671	57	1077351	11.511	ppbv	#	39
29) Chloroform	5.732	83	40309	0.266	ppbv		94
34) 2-Butanone	5.230	43	62376m	0.495	ppbv		
35) Carbon Tetrachloride	7.002	117	8830	0.054	ppbv	#	77
36) Benzene	6.870	78	29280	0.139	ppbv		99
44) 2,2,4-Trimethylpentane	7.844	57	43883m	0.118	ppbv		
50) 4-Methyl-2-Pentanone	8.738	43	23006m	0.104	ppbv		
52) Tetrachloroethene	11.204	164	2542m	0.034	ppbv		
53) Toluene	9.780	91	85275	0.360	ppbv		100
58) Ethyl Benzene	12.684	91	32294m	0.109	ppbv		
59) m/p-Xylene	12.934	91	74619m	0.295	ppbv		
60) o-Xylene	13.664	91	31914m	0.134	ppbv		
74) 1,2,4-Trimethylbenzene	16.732	105	39339m	0.147	ppbv		

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

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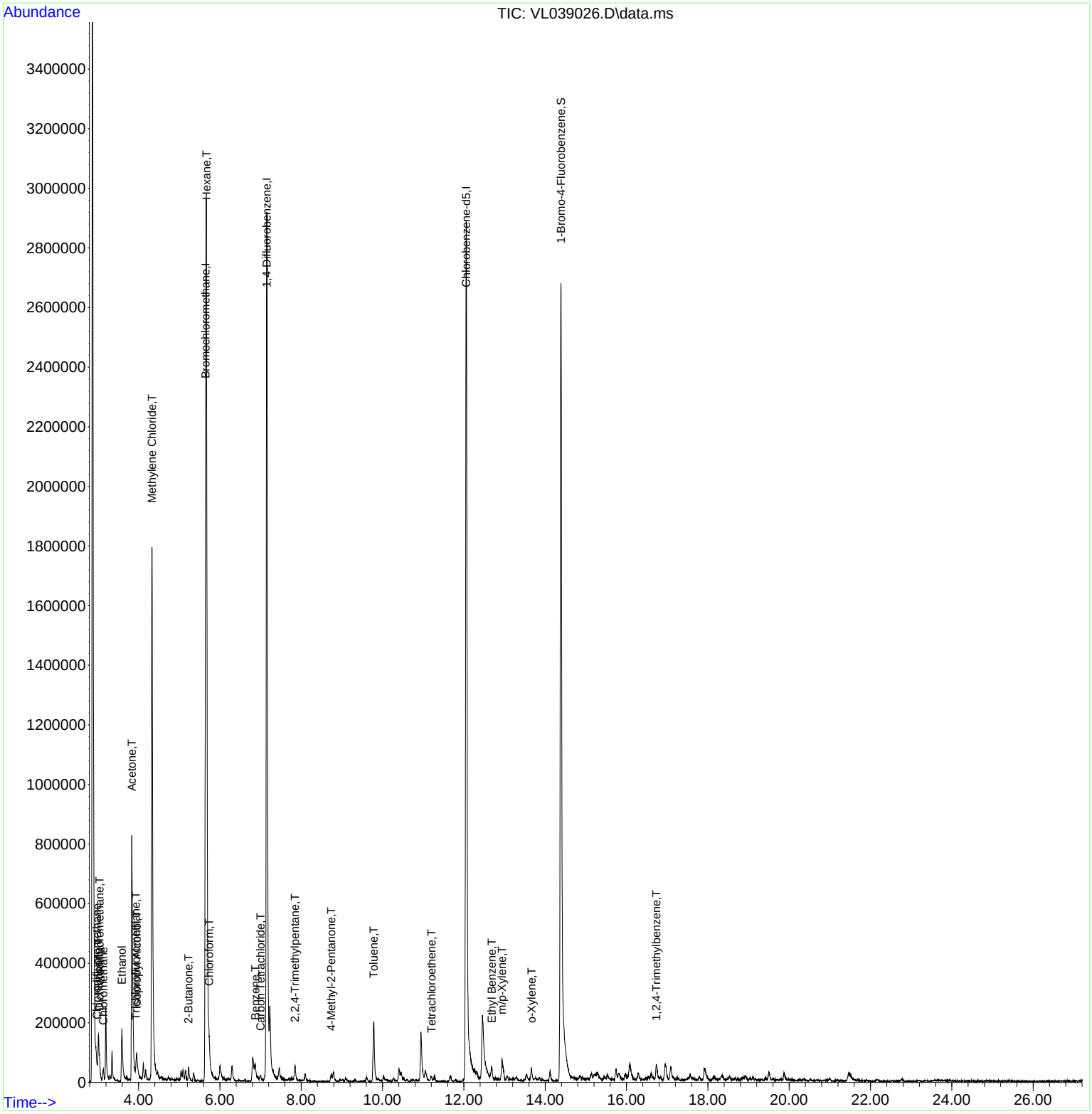
Manual Integrations APPROVED

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